



South Coast Air Quality Management District

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

A G E N D A

MEETING, FEBRUARY 4, 2022

A meeting of the South Coast Air Quality Management District Board will be held at 9:00 A.M.

Pursuant to Assembly Bill 361, the Governing Board meeting will only be conducted 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 and details on how to participate:

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

ELECTRONIC PARTICIPATION INFORMATION (Instructions provided at bottom of the agenda)

Join Zoom Meeting - from PC, Laptop or Phone

<https://scaqmd.zoom.us/j/93128605044>

Meeting ID: **931 2860 5044** (applies to all)

Teleconference Dial In +1 669 900 6833 or +1 253 215 8782

One tap mobile +16699006833,,93128605044# or +12532158782,,93128605044#

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

Questions About an Agenda Item

- The name and telephone number of the appropriate staff person to call for additional information or to resolve concerns is listed for each agenda item.
- In preparation for the meeting, you are encouraged to obtain whatever clarifying information may be needed to allow the Board to move expeditiously in its deliberations.

Meeting Procedures

- The public meeting of the South Coast AQMD Governing Board begins at 9:00 a.m. The Governing Board generally will consider items in the order listed on the agenda. However, any item may be considered in any order.
- After taking action on any agenda item not requiring a public hearing, the Board may reconsider or amend the item at any time during the meeting.

Cleaning the air that we breathe...

All documents (i) constituting non-exempt public records, (ii) relating to an item on the agenda, and (iii) having been distributed to at least a majority of the Governing Board after the agenda is posted, are available prior to the meeting for public review at South Coast AQMD's Clerk of the Boards Office, 21865 Copley Drive, Diamond Bar, CA 91765 or web page at www.aqmd.gov

Americans with Disabilities Act and Language Accessibility

Disability and language-related accommodations can be requested to allow participation in the Governing Board meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov. 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 the Clerk of the Boards Office at (909) 396-2500 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to cob@aqmd.gov

A webcast of the meeting is available for viewing at:

<http://www.aqmd.gov/home/news-events/webcast>

CALL TO ORDER

- Pledge of Allegiance
- Roll Call
- Swearing in of Reappointed Board Members V. Manuel Perez **Benoit** and Rex Richardson
- Recognition of Service to Outgoing Board Members -- Lisa A. Bartlett and Joe Buscaino
- Recognition of Service to Chief Operating Officer Jill Whynot
- Opening Comments: Ben J. Benoit, Chair
Other Board Members
Wayne Nastri, Executive Officer

PUBLIC COMMENT PERIOD – (Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3) The public may comment on any subject within the South Coast AQMD’s authority that **does not** appear on the agenda, during the Public Comment Period. Each speaker addressing non-agenda items may be limited to a total of (3) minutes.

Staff/Phone (909) 396-

CONSENT AND BOARD CALENDAR (Items 1 through 23)

Note: Consent and Board Calendar items held for discussion will be moved to Item No. 24.

Items 1 through 3 – Action Items/No Fiscal Impact

1. Comply with AB 361 Requirements to Allow South Coast AQMD Board and South Coast AQMD Brown Act Committees to Continue to Meet Remotely **Gilchrist/3459**

This action is to adopt the attached Resolution finding that the Board: 1) has reconsidered the circumstances of the state of emergency; and 2) State or local officials continue to impose or recommend measures to promote social distancing. See California Government Code Section 54953(e)(3). (No Committee Review)
2. Approve Minutes of January 7, 2022 Board Meeting **Thomas/3268**
3. Set Public Hearing March 4, 2022 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations: **Nastri/3131**

Determine That Proposed Amendments to Rule 1115 – Motor Vehicle Assembly Line Coating Operations, Are Exempt from CEQA; and Amend Rule 1115 **Krause/2706**

Rule 1115 - Motor Vehicle Assembly Line Coating Operations regulates VOC emissions from coatings and solvents used in operations conducted on motor vehicle assembly lines. Proposed Amended Rule 1115 reduces VOC emission limits consistent with Reasonably Achievable Control Technology requirements. In addition, the proposed amendment will update definitions, recordkeeping, and testing requirements. This action is to adopt the Resolution: 1) Determining that the proposed amendments to Rule 1115 – Motor Vehicle Assembly Line Coating Operations, are exempt from the requirements of the California Environmental Quality Act, and 2) Amending Rule 1115 – Motor Vehicle Assembly Line Coating Operations. (Reviewed: Stationary Source Committee, January 21, 2022)

Items 4 through 7 -- Budget/Fiscal Impact

4. Establish List of Prequalified Vendors to Provide Computer, Network, Printer, Hardware and Software **Moskowitz/3329**

On November 5, 2021, the Board approved the release of a Request for Qualifications and Quotations (RFQQ) to prequalify vendors for computer, network, printer, hardware and software. As a result of successful responses to this RFQQ, eleven vendors were identified as capable of providing these products. This action is to approve these eleven vendors to provide these products for a two-year period. Funds (\$300,000) for these purchases are included in the FY 2021-22 Budget. (Reviewed: Administrative Committee, January 14, 2022; Recommended for Approval)

5. Approve Two-Year Labor Agreement with SC-PEA for Professional Unit Bargaining Group **Olvera/2309**

South Coast AQMD management and representatives of South Coast AQMD Professional Employees Association ("SC-PEA"), representing the Professional Unit employees, have reached agreement on a new 2-year MOU. This action is to present the proposed agreement to the Board for approval. (No Committee Review)

6. Execute Contract for Janitorial Services at Diamond Bar Headquarters **Olvera/2309**

The current contract for janitorial services at Diamond Bar headquarters expires on February 28, 2022. On October 1, 2021, the Board approved release of an RFP to solicit proposals from firms interested in providing these services. This action is to execute a 34-month contract with Santa Fe Janitorial Maintenance Services, Inc. for a total amount not to exceed \$1,649,751. Funding has been included in the FY 2021-22 Budget and will be requested in successive fiscal years. (Reviewed: Administrative Committee, January 14, 2022; Recommended for Approval)

7. Approve Contract Modification as Approved by MSRC **McCallon**

As part of their FYs 2018-21 Work Program, the MSRC approved a contract value increase to Southern California Association of Governments to implement additional projects targeting the last segment of goods delivery. At this time, the MSRC seeks Board approval of the contract modification as part of the FYs 2018-21 Work Program. (Reviewed: Mobile Source Air Pollution Reduction Review, January 20, 2022; Recommended for Approval)

Items 8 through 15 – Information Only/Receive and File

8. Legislative, Public Affairs and Media Report **Alatorre/3122**

This report highlights the December 2021 outreach activities of the Legislative, Public Affairs and Media Office, which includes: Major Events, Community Events/Public Meetings, Environmental Justice Update, Speakers Bureau/Visitor Services, Communications Center, Public Information Center, Business Assistance, Media Relations and Outreach to Business and Federal, State and Local Government. (No Committee Review)
9. Hearing Board Report **Verdugo-Peralta/2500**

This reports the actions taken by the Hearing Board during the period of December 1 through December 31, 2021. (No Committee Review)
10. Civil Filings and Civil Penalties Report **Gilchrist/3459**

This report summarizes monthly penalties and legal actions filed by the General Counsel's Office from December 1 through December 31, 2021. An Index of South Coast AQMD Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, January 21, 2022)
11. Lead Agency Projects and Environmental Documents Received **Krause/2706**

This report provides a listing of CEQA documents received by South Coast AQMD between December 1, 2021 and December 31, 2021, and those projects for which South Coast AQMD is acting as lead agency pursuant to CEQA. (No Committee Review)
12. Rule and Control Measure Forecast **Rees/2856**

This report highlights South Coast AQMD rulemaking activities and public hearings scheduled for 2022. (No Committee Review)
13. Report of RFQs/RFPs Scheduled for Release in February **Jain/2804**

This report summarizes the RFQs/RFPs for budgeted services over \$100,000 scheduled to be released for advertisement for the month of February. (Reviewed: Administrative Committee, January 14, 2022)
14. Status Report on Regulation XIII – New Source Review **Aspell/2491**

This report presents the state and federal Preliminary Determination of Equivalency for January 2020 through December 2020. As such, it provides information regarding the status of Regulation XIII – New Source Review (NSR) in meeting state and federal NSR requirements and shows that South Coast AQMD's NSR program is in preliminary compliance with applicable state and federal requirements from January 2020 through December 2020. (Reviewed: Stationary Source Committee, January 21, 2022)

15. Status Report on Major Ongoing and Upcoming Projects for Information Management **Moskowitz/3329**

Information Management is responsible for data systems management services in support of all South Coast AQMD operations. This action is to provide the monthly status report on major automation contracts and planned projects. (Reviewed: Administrative Committee, January 14, 2022)

Items 16 and 17 -- Staff Presentations/Board Discussion/Receive and File

16. Budget and Economic Outlook Update (*Presentation in lieu of Board Letter*) **Whynot/3104**

Staff will provide an update on economic indicators and key South Coast AQMD metrics. (Reviewed: Administrative Committee, January 14, 2022)

17. Update on Facility-Based Mobile Source Measure Development for Marine Ports (*Presentation in lieu of Board Letter*) **MacMillan/3244**

In August 2021, the Board directed staff to continue pursuing MOUs with the Ports of Los Angeles and Long Beach for another six months, and to pivot fully to developing a potential Indirect Source Rule (ISR) if no draft MOUs were ready for execution by the end of that period. This update will cover development of this mobile source measure over the past six months. (Reviewed: Marine Port Committee, January 21, 2022)

Items 18 through 23 -- Reports for Committees and CARB

Note: The January meetings of the Mobile Source and Technology Committees were canceled. The next regular meetings of the Mobile Source and Technology Committees are February 18, 2022.

18. Administrative Committee (Receive & File) **Chair: Benoit Nastri/3131**
19. Legislative Committee (Receive & File) **Chair: Cacciotti Alatorre/3122**
20. Marine Port Committee (Receive & File) **Co-Chairs: Buscaino & Richardson MacMillan/3244**
21. Stationary Source Committee (Receive & File) **Chair: Benoit Aspell/2491**
22. Mobile Source Air Pollution Reduction Review Committee (Receive & File) **Board Liaison: Benoit Katzenstein/2219**
23. California Air Resources Board Monthly Report (Receive & File) **Board Rep: Kracov Thomas/2500**

24. Items Deferred from Consent and Board Calendars

PUBLIC HEARING

25. Determine That Proposed Amendments to Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines, Are Exempt from CEQA; and Amend Rule 1134 **Krause/2706**

Proposed Amended Rule 1134 will remove ammonia limits for selective catalytic reduction systems that will be addressed during permitting, clarify applicable NOx concentration limits for recuperative gas turbines, and incorporate a narrow exemption for use of liquid fuel for turbines used at health facilities during natural gas curtailments. Other amendments are included to update provisions for Continuous Emission Monitoring Systems, remove startup and shutdown permit requirements which will be addressed in Rule 429 – Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen, and provide other clarifications. This action is to adopt the Resolution: 1) Determining that the Proposed Amended Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines, is exempt from the requirements of the California Environmental Quality Act; and 2) Amending Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines. (Reviewed: Stationary Source Committee, October 15, 2021)

BOARD MEMBER TRAVEL – (No Written Material)

Board member travel reports have been filed with the Clerk of the Boards, and copies are available upon request.

CLOSED SESSION -- (No Written Material)

Gilchrist/3459

CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION

It is necessary for the Board to recess to closed session pursuant to Government Code sections 54956.9(a) and 54956.9(d)(1) to confer with its counsel regarding pending litigation which has been initiated formally and to which the SCAQMD is a party. The actions are:

- Communities for a Better Environment v. SCAQMD, Los Angeles Superior Court Case No. BS161399 (RECLAIM);
- In the Matter of SCAQMD v. Southern California Gas Company, Aliso Canyon Storage Facility, SCAQMD Hearing Board Case No. 137-76 (Order for Abatement); People of the State of California, ex rel SCAQMD v. Southern California Gas Company, Los Angeles Superior Court Case No. BC608322; Judicial Council Coordinated Proceeding No. 4861;
- In the Matter of SCAQMD v. Torrance Refining Company, LLC, SCAQMD Hearing Board Case No. 6060-5 (Order for Abatement);
- CalPortland Company v. South Coast Air Quality Management District; Governing Board of the South Coast Air Quality Management District; and Wayne Nastri, Executive Officer, and Does 1-100, San Bernardino County Superior Court, Case No. CIV DS 1925894;
- SCAQMD, et al. v. Elaine L. Chao, et al., District Court for the District of Columbia, Case No. 1:19-cv-03436-KBJ;

- SCAQMD, et al. v. EPA, United States Court of Appeals, D.C. Circuit, Case No. 19-1241 (consolidated with Union of Concerned Scientists v. NHTSA, No. 19-1230);
- SCAQMD, et al. v. NHTSA, EPA, et al., United States Court of Appeals, D.C. Circuit, Filed May 28, 2020;
- Natural Resources Defense Council, et al. v. City of Los Angeles, et al., San Diego Superior Court, Case No. 37-2021-00023385-CU-TT-CTL (China Shipping Case) (transferred from Los Angeles Superior Court, Case No. 20STCP02985);
- Terry Lee Williams v. SCAQMD, Los Angeles Superior Court Case No. 19STCV37587; and
- California Trucking Association v. South Coast Air Quality Management; the Governing Board of the South Coast Air Quality Management District; and Does 1 through 25, inclusive, Case No.: 2:21-cv-06341.

CONFERENCE WITH LEGAL COUNSEL – INITIATING LITIGATION

It is also necessary for the Board to recess to closed session pursuant to Government Code sections 54956.9(a) and 54956.9(d)(4) to consider initiation of litigation (two cases).

CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Also, it is necessary for the Board to recess to closed session pursuant to Government Code section 54956.9(d)(2) to confer with its counsel because there is a significant exposure to litigation against the SCAQMD (two cases).

CONFERENCE WITH LABOR NEGOTIATORS

It is also necessary to recess to closed session pursuant to Government Code Section 54957.6 to confer with labor negotiators:

- Agency Designated Representative: A. John Olvera, Deputy Executive Officer – Administrative & Human Resources;
- Employee Organization(s): Teamsters Local 911, and South Coast AQMD Professional Employees Association; and
- Unrepresented Employees: Designated Deputies and Management and Confidential employees.

ADJOURNMENT

*****PUBLIC COMMENTS*****

Members of the public are afforded an opportunity to speak on any agenda item before consideration of that item. Persons wishing to speak may do so remotely via Zoom or telephone. To provide public comments via a Desktop/Laptop or Smartphone, click on the "Raise Hand" at the bottom of the screen, or if participating via Dial-in/Telephone Press *9. This will signal to the host that you would like to provide a public comment and you will be added to the list.

All agendas are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and website, <http://www.aqmd.gov/home/news-events/meeting-agendas-minutes>, at least 72 hours in advance of the meeting. At the beginning of the agenda, an opportunity is also provided for the public to speak on any subject within the South Coast AQMD's authority. Speakers may be limited to a total of three (3) minutes for the entirety of the Consent Calendar plus Board Calendar, and three (3) minutes or less for each of the other agenda items.

Note that on items listed on the Consent Calendar and the balance of the agenda any motion, including action, can be taken (consideration is not limited to listed recommended actions). Additional matters can be added and action taken by two-thirds vote, or in the case of an emergency, by a majority vote. Matters raised under the Public Comment Period may not be acted upon at that meeting other than as provided above.

Written comments will be accepted by the Board and made part of the record. Individuals who wish to submit written or electronic comments must submit such comments to the Clerk of the Board, South Coast AQMD, 21865 Copley Drive, Diamond Bar, CA 91765-4178, (909) 396-2500, or to cob@aqmd.gov, on or before 5:00 p.m. on the Tuesday prior to the Board meeting.

ACRONYMS

AQ-SPEC = Air Quality Sensor Performance Evaluation Center	NESHAPS = National Emission Standards for Hazardous Air Pollutants
AQIP = Air Quality Investment Program	NGV = Natural Gas Vehicle
AQMP = Air Quality Management Plan	NOx = Oxides of Nitrogen
AVR = Average Vehicle Ridership	NSPS = New Source Performance Standards
BACT = Best Available Control Technology	NSR = New Source Review
BARCT = Best Available Retrofit Control Technology	OEHA = Office of Environmental Health Hazard Assessment
Cal/EPA = California Environmental Protection Agency	PAMS = Photochemical Assessment Monitoring Stations
CARB = California Air Resources Board	PEV = Plug-In Electric Vehicle
CEMS = Continuous Emissions Monitoring Systems	PHEV = Plug-In Hybrid Electric Vehicle
CEC = California Energy Commission	PM10 = Particulate Matter ≤ 10 microns
CEQA = California Environmental Quality Act	PM2.5 = Particulate Matter ≤ 2.5 microns
CE-CERT =College of Engineering-Center for Environmental Research and Technology	RECLAIM=Regional Clean Air Incentives Market
CNG = Compressed Natural Gas	RFP = Request for Proposals
CO = Carbon Monoxide	RFQ = Request for Quotations
DOE = Department of Energy	RFQQ=Request for Qualifications and Quotations
EV = Electric Vehicle	SCAG = Southern California Association of Governments
EV/BEV = Electric Vehicle/Battery Electric Vehicle	SIP = State Implementation Plan
FY = Fiscal Year	SOx = Oxides of Sulfur
GHG = Greenhouse Gas	SOON = Surplus Off-Road Opt-In for NOx
HRA = Health Risk Assessment	SULEV = Super Ultra Low Emission Vehicle
LEV = Low Emission Vehicle	TCM = Transportation Control Measure
LNG = Liquefied Natural Gas	ULEV = Ultra Low Emission Vehicle
MATES = Multiple Air Toxics Exposure Study	U.S. EPA = United States Environmental Protection Agency
MOU = Memorandum of Understanding	VOC = Volatile Organic Compound
MSERCs = Mobile Source Emission Reduction Credits	ZEV = Zero Emission Vehicle
MSRC = Mobile Source (Air Pollution Reduction) Review Committee	
NATTS =National Air Toxics Trends Station	

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 Chairman will announce public comment.

Speakers may be limited to a total of 3 minutes for the entirety of the consent calendar plus board calendar, and three minutes or less for each of the other agenda items.

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 “**Raise Hand**” button on the bottom of the screen.
- 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 “**Raise Hand**” button on the bottom of your screen.
- 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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BOARD MEETING DATE: February 4, 2022

AGENDA NO. 1

PROPOSAL: Comply with AB 361 Requirements to Allow South Coast AQMD Board and South Coast AQMD Brown Act Committees to Continue to Meet Remotely

SYNOPSIS: This action is to adopt the attached Resolution finding that the Board: 1) has reconsidered the circumstances of the state of emergency; and 2) State or local officials continue to impose or recommend measures to promote social distancing. See California Government Code Section 54953(e)(3).

COMMITTEE: No Committee

Review RECOMMENDED ACTIONS:

Adopt the attached Resolution finding that the Board:

1. Has reconsidered the circumstances of the state of emergency; and
2. State or local officials continue to impose or recommend measures to promote social distancing.

Wayne Nastri
Executive Officer

BTG:lal

Background

Governor Newsom previously issued Executive Orders (EOs) N-29-20 and N-35-2 in March 2020, as a response to the public health crisis brought about by the COVID-19 pandemic. These EOs authorized local legislative bodies subject to the Ralph M. Brown Act to conduct meetings entirely via telephonic or other electronic means in lieu of requiring the physical presence of Board members or the public. On June 11, 2021, the Governor issued EO N-08-21, which continued suspension of the Brown Act's teleconferencing requirements, without requiring that members of the public be given the right to access all teleconference locations, through September 30, 2021, in anticipation of the State's proposed re-opening.

Assembly Bill 361, signed into law by Governor Newsom on September 16, 2021, amends the Brown Act and will stay in effect from October 1, 2021 through January 1, 2024. In part, AB 361 amends subparagraph (e) of Section 54953 of the California Government Code to state that local agencies may continue to use teleconferencing without complying with the teleconferencing requirements of the Brown Act in any of the following circumstances:

- A. When the legislative body holds a meeting during a proclaimed state of emergency and state or local officials have imposed or recommended measures to propose social distancing;
- B. When the legislative body holds a meeting during a proclaimed state of emergency for the purpose of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees; or
- C. When the legislative body holds a meeting during a proclaimed state of emergency and has already determined, by majority vote, pursuant to subparagraph (B), that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

In the event of an ongoing proclaimed state of emergency, or where state or local officials have imposed or recommended measures to promote social distancing, in order to continue to utilize the teleconferencing measures set forth above, a legislative body must, no later than 30 days after teleconferencing for the first time pursuant to Government Code Section 54953(e)(1), and every 30 days thereafter, make the following findings by majority vote:

- A. The legislative body has reconsidered the circumstances of the state of emergency.
- B. Any of the following circumstances exist:
 - i. The state of emergency continues to directly impact the ability of the members to meet safely in person; or
 - ii. State or local officials continue to impose or recommend measures to promote social distancing.

See California Government Code Section 54953(e)(1). Governor Newsom first declared a statewide emergency resulting from the COVID-19 pandemic on March 4, 2020. Furthermore, although the State no longer requires physical distancing, both South Coast AQMD and the Los Angeles County Department of Public Health, have recommended proposed social distancing measures.

Proposal

This action is to address the requirements of AB 361 to allow South Coast AQMD Board and South AQMD Brown Act Committees to continue to meet remotely. The

recommended action is to adopt the attached Resolution finding that the Board: 1) has reconsidered the circumstances of the state of emergency; and 2) State or local officials continue to impose or recommend measures to promote social distancing. See California Government Code Section 54953(e)(3).

Resource Impacts

No fiscal impact.

Attachment

Resolution

RESOLUTION 22 -

1 **A RESOLUTION OF THE GOVERNING BOARD OF THE SOUTH COAST AIR**
2 **QUALITY MANAGEMENT DISTRICT RECOGNIZING THE PROCLAMATION OF A STATE**
3 **OF EMERGENCY BY GOVERNOR NEWSOM ON MARCH 4, 2020 AND THAT THE COUNTY**
4 **OF LOS ANGELES CONTINUES TO RECOMMEND MEASURES TO PROMOTE SOCIAL**
5 **DISTANCING; AND AUTHORIZING FULLY OR PARTIALLY REMOTE TELECONFERENCE**
6 **MEETINGS OF THE GOVERNING BOARD OF THE SOUTH COAST AIR QUALITY**
7 **MANAGEMENT DISTRICT, AND SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**
8 **COMMITTEES SUBJECT TO THE BROWN ACT, FOR THE PERIOD OF FEBRUARY 4, 2022**
9 **THROUGH MARCH 6, 2022 PURSUANT TO PROVISIONS OF THE BROWN ACT.**

10 **WHEREAS**, the Governing Board of the South Coast Air Quality Management District (South
11 Coast AQMD) is committed to preserving and nurturing public access and participation in all meetings
12 subject to the provisions of the Ralph M. Brown Act (Cal. Gov. Code §§54950-54963, hereafter Brown
13 Act); and

14 **WHEREAS**, pursuant to the provisions of the Brown Act, all meetings of legislative bodies of the
15 South Coast AQMD, which include the South Coast AQMD Governing Board, all Brown Act standing
16 committees ultimately reporting to the South Coast AQMD Governing Board, and all advisory committees
17 and groups subject to the Brown Act, (collectively, hereinafter, “legislative bodies”), are required to be
18 open and public so that any member of the public may attend, participate, and watch the South Coast
19 AQMD’s legislative bodies conduct their business; and

20 **WHEREAS**, the Brown Act, Government Code §54953(e), makes provisions for remote
21 teleconferencing participation in meetings by members of a legislative body, without compliance with the
22 requirements of Government Code §54953(b)(3), subject to the existence of certain conditions; and

23 **WHEREAS**, a required condition is that a state of emergency has been declared by the Governor
24 pursuant to Government Code §8625, proclaiming the existence of conditions of disaster or of extreme peril
25 to the safety of persons and property within the state caused by conditions as described in Government Code
26 §8558; and

27 **WHEREAS**, on March 4, 2020 the Governor proclaimed a State of Emergency to exist in California
28 as a result of the threat of the novel coronavirus (COVID-19); and

RESOLUTION 22 - _____

1 **WHEREAS**, the jurisdiction of the South Coast AQMD includes portions of the Counties of Los
2 Angeles, Orange, Riverside, and San Bernardino areas in the Counties of Riverside and San Bernardino as
3 set forth in Health & Safety Code §40410 and South Coast AQMD Rule 103; and

4 **WHEREAS**, the South Coast AQMD headquarters is located in the County of Los Angeles; and

5 **WHEREAS**, it is further required that state or local officials have imposed or recommended
6 measures to promote social distancing, or, the legislative body meeting would present imminent risks to the
7 health and safety of attendees; and

8 **WHEREAS**, local and California public authorities still recommend measures promoting social
9 distancing and/or mask wearing indoors and in public gatherings as well as recommending compliance with
10 the latest advice issued by the Center for Disease Control (CDC) regarding same; and

11 **WHEREAS**, on December 16, 2021, the County of Los Angeles Department of Public Health
12 issued further guidance promoting such measures; and

13 **WHEREAS**, on June 23 and August 10, 2021, the South Coast AQMD issued further guidance
14 promoting such measures; and

15 **WHEREAS**, the spread of the Omnicron and Delta Variants of COVID-19 poses a continued risk to
16 the health and safety of members of the South Coast AQMD legislative bodies, South Coast AQMD staff,
17 and members of the general public who attend such meetings in that unvaccinated or partially vaccinated
18 persons are at high risk of contracting these variants and even fully vaccinated persons can contract
19 and potentially unknowingly spread the variants; and

20 **WHEREAS**, the Governing Board of the South Coast AQMD does hereby find that the legislative
21 bodies of the South Coast AQMD shall conduct their meetings without compliance with paragraph (3) of
22 subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and
23 that such legislative bodies shall comply with the requirements to provide the public with access to the
24 meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

25 **WHEREAS**, the legislative bodies of the South Coast AQMD will continue to ensure access to
26 their meetings by making them available telephonically and via virtual access for both members of the
27 legislative bodies and the general public; and

28

RESOLUTION 22 - _____

1 **WHEREAS**, notice of meetings along with information regarding all methods which may be used
2 for public participation in such meetings will continue to be published in the newspaper, posted at the South
3 Coast AQMD’s headquarters, posted at any teleconference locations which are officially noticed on the
4 agenda, posted on the South Coast AQMD’s website, provided to anyone who requests such information,
5 and clearly printed on any agendas produced for such meetings.

6 **NOW, THEREFORE, BE IT RESOLVED**, that the Governing Board of the South Coast AQMD
7 hereby finds that highly contagious nature of the Omnicron and Delta Variants of COVID-19 poses an
8 imminent risk to large numbers of persons meeting indoors in a single location; and

9 **BE IT FURTHER RESOLVED**, that the Governing Board of the South Coast AQMD hereby
10 finds that the Governor of California issued a Proclamation of Emergency on March 4, 2020; and

11 **BE IT FURTHER RESOLVED**, that the Governing Board of the South Coast AQMD hereby
12 finds that local officials continue to impose or recommend measures to promote social distancing in the
13 South Coast AQMD’s jurisdiction and where the South Coast AQMD’s headquarters is located; and

14 **BE IT FURTHER RESOLVED**, that the Governing Board of the South Coast AQMD authorizes
15 and directs staff to take all actions necessary to carry out the intent and purpose of this Resolution including,
16 conducting open and public meetings in accordance with Government Code section 54953(e) and other
17 applicable provisions of the Brown Act; and

18 **BE IT FURTHER RESOLVED**, that this resolution shall take effect immediately upon adoption
19 and remain in effect until March 6, 2022, or until such time as the South Coast AQMD Governing
20 Board adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend
21 the time during which legislative bodies of the South Coast AQMD may continue to teleconference without
22 strict compliance with paragraph 3 of Government Code Section 54953(b).

23
24
25
26 DATE: _____

CLERK OF THE BOARDS

 [Back to Agenda](#)

BOARD MEETING DATE: FEBRUARY 4, 2022

AGENDA NO. 2

MINUTES: Governing Board Monthly Meeting

SYNOPSIS: Attached are the Minutes of the January 7, 2022 Board Meeting.

RECOMMENDED ACTION:

Approve Minutes of the January 7, 2022 Board Meeting.

Faye Thomas
Clerk of the Boards

FT:cmw

FRIDAY, JANUARY 7, 2022

Notice having been duly given, the regular meeting of the South Coast Air Quality Management District Board was conducted remotely via videoconferencing and telephone. Members present:

Mayor Ben J. Benoit, Chair
Cities of Riverside County

Senator Vanessa Delgado (Ret.), Vice Chair
Senate Rules Committee Appointee

Council Member Joe Buscaino
City of Los Angeles

Mayor Michael A. Cacciotti
Cities of Los Angeles County – Eastern Region

Gideon Kracov
Governor's Appointee

Supervisor Sheila Kuehl
County of Los Angeles

Mayor Larry McCallon
Cities of San Bernardino County

Veronica Padilla-Campos
Speaker of the Assembly Appointee

Supervisor V. Manuel Perez
County of Riverside

Mayor Carlos Rodriguez
Cities of Orange County

Supervisor Janice Rutherford
County of San Bernardino

Members absent:

Supervisor Lisa A. Bartlett
County of Orange

Vice Mayor Rex Richardson
Cities of Los Angeles County – Western Region

CALL TO ORDER: Chair Benoit called the meeting to order at 9:00 a.m.

- Pledge of Allegiance: Led by Council Member Buscaino

Council Member Buscaino requested a moment of silence in remembrance of L.A. County Firefighter Jonathan Flagler, who died battling a house fire in Rancho Palos Verdes on January 6, 2022. Council Member Buscaino expressed his condolences to the family and the L.A. County Fire Department.

Chair Benoit announced that today's meeting would be adjourned in honor of Jonathan Flagler.

- Roll Call

Mayor Rodriguez was absent for roll call. He joined the meeting at 10:20 a.m.

- Swearing in of Chair and Vice Chair for Terms January 2022 – January 2024; and Reappointed Board Member Veronica Padilla-Campos for the term January 2022 – January 2026.

Faye Thomas, Clerk of the Boards, administered the oath of office to Chair Ben J. Benoit and Vice Chair Vanessa Delgado for terms ending January 15, 2024; and Board Member Veronica Padilla Campos, who was reappointed to the Board by the Speaker of the Assembly for a term ending January 15, 2026. They expressed appreciation for the opportunity to serve their respective terms of office for which they were reelected/reappointed.

- Opening Comments

Mayor Cacciotti shared photos of commercial lawn and garden equipment, battery electric commercial construction equipment, and commercial solar and electric equipment demonstration events. He noted the importance of incentive funding for companies transitioning to electric equipment and expressed appreciation to CARB for providing funds. He also shared photos of the INDI EV's electric vehicle, the INDI One, which they are proposing to manufacture in the City of Vernon. He announced that visits to the Vernon factory will soon be allowed.

Mayor McCallon, who serves as the Vice Chair of Metrolink (Southern California Regional Rail Authority), expressed appreciation to his colleagues on the Board for considering the staff recommendation on Agenda Item No. 2 to execute awards under the Carl Moyer Program to fund two projects for Metrolink that will generate significant emission reductions. The projects are to replace Tier 2 diesel locomotives with eight new Tier 4 locomotives and replace a diesel car mover with a zero emissions electric car mover that will operate at the Central

Maintenance Facility in downtown Los Angeles. The purchase of an electric car mover will be a significant step in addressing the community's concerns about noise and emissions from the railyard. He added that Metrolink is planning to transition their entire fleet to renewable diesel this year, which will provide additional reductions of criteria pollutants and greenhouse gas emissions.

- Recognize Employees with 20, 25, 30, 35 and 40 Years of Service

John Olvera, DEO/Administrative and Human Resources, introduced a video presentation of employees that have reached the following employment milestones.

20 Years: Efrain Arroyo, Rafik Beshai, Paul Caballero, Jeremiah Caldero, Bhaskar Chandan, Emily Chau, Li Chen, Azar Dabiri, Erwin dela Cruz, Sheila Gibson Caballero, Michael Hamdan, Eugene Kang, Katherine Lee, Joseph Liaw, Jason Low, Tuong Mac, Colleen Paine, Brian Roche, Reinerio Ronquillo, Robert Sanford, Martha Thomas, Thien Trinh, Ana Troccoli, Linda Turner, Nancy Kim White, Vicki White and Rainbow Yeung.

25 Years: Ernest Pang and Claudius Phipps.

30 Years: Hemang Desai, Michael Krause, Michael Laybourn, Victoria Moaveni, Chris Perri, Dipankar Sarkar, David Sawyer, Annabelle Scagliola, Donna Vernon, Won Yu and Xinqiu Zhang.

35 Years: David De Boer, Judith Hwa, Beverly Price and Rafael Reynosa.

40 Years: Michal Haynes and Hugh Heney.

Chair Benoit expressed appreciation to the employees, on behalf of the Board, for their many years of dedicated service to the South Coast AQMD.

PUBLIC COMMENT PERIOD – (Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3)

Peter Warren of the San Pedro Peninsula Homeowners Coalition commented on litigation brought against the Port of Los Angeles for non-compliance with CEQA that alleges the Port of Los Angeles (POLA) failed to implement some of the mitigation measures adopted in its 2008 EIR. He added that the Subsequent EIR that POLA later presented eliminated or weakened previous mitigation measures without adequate substitutes and failed to make the measures legally enforceable as required by CEQA. He expressed frustration with the MOU process and urged the Board to proceed with the development of an ISR.

Jessica Craven, Sierra Club, North East Los Angeles (NELA) Climate Collective,
Los Angeles County Democratic Party elected member and California
Democratic Party Environmental Caucus
Gabriela Mendez, Center for Community Action and Environmental Justice (CCA EJ),
Yassi Kavezade, Sierra Club,
Janet Bernabe, CCA EJ,
Kimberly Orbe, Sierra Club,
Faraz Rizvi, CCA EJ and Riverside resident,
Joaquin Castillejos, CCA EJ

Expressed support for a strong ISR to electrify the ports, noting that the MOU process has not been successful. Commented on air pollution related to goods movement from the ports of Long Beach (POLB) and POLA and its harmful health impacts on frontline communities that bear the brunt of toxic emissions. Expressed frustration with the MOU process and voluntary approaches that will not solve the problem.

Fernando Gaytan, Earthjustice, stated that the POLA and POLB complex represent the largest fixed source of air pollution in the South Coast Air Basin (Basin). A cohesive strategy with measurable outcomes is needed to address emissions from the ports to move the Basin towards attainment and address detrimental impacts to public health. He expressed frustration that rulemaking has been delayed and the MOU approach has yielded very little progress. The latest proposals from both ports offer little prospects to meet the Basin's emission reduction goals and fall short of meeting goals in the 2017 Clean Air Action Plan. He cited many deficiencies in the draft MOU offers and urged the Board to pursue an ISR.

Duncan McKee, Avocado Heights resident, read a written statement on behalf of his brother, David McKee, and also provided his own comments.

The written statement urged the South Coast AQMD and Department of Toxic Substances Control (DTSC) to protect the community, and take appropriate steps to close and relocate Quemetco and clean up the site. He expressed conflict of interest concerns about hiring former Quemetco employees to work at South Coast AQMD. Mr. McKee recounted a conversation that his brother had with John Olvera, Deputy Executive Officer/Administrative & Human Resources, about the need to ensure that people with disabilities are accommodated to comply with the Americans with Disabilities Act, and requested that South Coast AQMD staff include his previous public comments as part of the official record. (Written Comments Submitted; Read by Duncan McKee)

Duncan McKee questioned whether source testing, health risk assessments and monitoring activities related to Quemetco's stack emissions accurately reflect what is going on at the facility or its compliance history. Mr. McKee expressed doubt that Quemetco will be able to comply with applicable rules, regulations and permit conditions if they are allowed to increase their daily throughput. He requested that the AQMP address lead-acid battery recycling, and that another lead-acid battery recycling facility be built to reduce Quemetco's operations, which has increased due to the closure of Exide. He commented on photos he submitted depicting emissions from stacks at

Quemetco, and a 2013 letter from Philip B. Chandler, retired DTSC senior geologist, that cited concerns about the environmental analysis in the Draft EIR that was prepared for Rule 1420.1 – Emission Standards for Lead and Other Toxic Air Contaminants from Large Lead-Acid Battery Recycling Facilities. (Submitted photos with written comments)

Morgan Goodwin, Sierra Club and Glendale resident, commended the South Coast AQMD for their rebate and incentive programs for electric lawn/garden equipment and appliances and offered to speak with staff on how to better promote these programs. He also expressed support for a strong ISR for the ports.

Harvey Eder, Public Solar Power Coalition (PSPC), commented on the riots that took place at the U.S. Capitol in Washington D.C. on January 6, 2021. He expressed concerns about attempts to undermine democracy.

Darby Osnaya, Sierra Club and Colton resident, commented on the geographic conditions and indirect impacts from the ports of Los Angeles and Long Beach that contribute to poor air quality in the Inland Empire. He urged the Board for a strong ISR to electrify the ports. He expressed concern with using lithium batteries and emphasized the need to invest in pure renewable energy.

Jessica Vallejo, Clean Air Coalition of North Whittier and Avocado Heights and Avocado Heights resident, is against Quemetco being located in their community near homes and schools. She expressed concerns about potential health risks from lead, arsenic and benzene that contaminate the air, water and soil; and Quemetco's history of violations and failure to comply with regulatory requirements. She stated that South Coast AQMD has the responsibility and authority to not allow Quemetco to increase its harmful impacts in the community.

Ranji George, a member of the public, reported that members of the California state legislature that support hydrogen fuel technology called for more appropriations to be invested in hydrogen fuel infrastructure. He expressed frustration that not much funding has been allocated toward hydrogen and fuel-cell technologies over the past 20 years. He stated that hydrogen technology would eliminate the need for facilities that process waste from lead-acid batteries.

Elliott Gonzales, Long Beach resident, expressed disappointment that after five months, discussions are no closer to developing a viable MOU. He expressed frustration that the latest POLB proposal and POLA letter offer very little and hold the South Coast AQMD responsible for emission reductions.

Chris Chavez, Coalition for Clean Air and West Long Beach resident, commented in support of a strong ISR for the Ports and opposition of an MOU approach. The Wilmington, Carson, West Long Beach AB 617 Community Steering Committee also strongly supported an ISR when developing the Community Emissions Reduction Plan. The Basin remains out of attainment; therefore, an ISR is needed to meet upcoming air quality standards. He questioned whether the recent proposal/concept letter from the

Ports meets the minimum commitments proposed in South Coast AQMD's July 2021 redline draft MOU framework, and agreed that the POLB's early termination clause that requires the return of advanced clean truck funds is unacceptable. He emphasized the need to ensure that the MOU proposals go through the CEQA review process.

CONSENT AND BOARD CALENDAR

1. Approve Minutes of December 3, 2021 Board Meeting

Items 2 through 6 -- Budget/Fiscal Impact

2. Implement Carl Moyer, SOON, State Reserve, FARMER and Community Air Protection Programs by Recognizing Funds from CARB, Executing and Amending Contracts, and Reimbursing Administrative Costs
3. Execute Contracts for Legislative Representation in Washington, D.C.
4. Authorize Purchase for Cisco Unified Communication Telephony System Upgrade
5. Authorize Purchase of Telecommunication Services
6. Approve Appropriation of Funds to Re-Open Contract and Bifurcation of Award as Approved by MSRC

Item 7 -- Action Item/No Fiscal Impact

7. Comply with AB 361 Requirements to Allow South Coast AQMD Board and South Coast AQMD Brown Act Committees to Continue to Meet Remotely

Items 8 through 14 – Information Only/Receive and File

8. Legislative, Public Affairs and Media Report
9. Hearing Board Report
10. Civil Filings and Civil Penalties Report
11. Lead Agency Projects and Environmental Documents Received

12. Rule and Control Measure Forecast
13. Report of RFQs/RFPs Scheduled for Release in January
14. Status Report on Major Ongoing and Upcoming Projects for Information Management

Item 15 -- Staff Presentation/Board Discussion/Receive and File

15. Budget and Economic Outlook Update (*Presentation in Lieu of Board Letter*)

NO ACTION REQUIRED

Items 16 through 20 -- Reports for Committees and CARB

16. Administrative Committee
17. Technology Committee
18. Marine Port Committee
19. Mobile Source Air Pollution Reduction Review Committee
20. California Air Resources Board Monthly Report
21. Items Deferred from Consent and Board Calendar

Agenda Item No. 2 was pulled for comment and discussion.

Council Member Rodriguez joined the meeting.

Disclosures:

Council Member Buscaino recused himself from Agenda Item No. 2 due to campaign contributions from BNSF and Clean Energy, which are involved in this Item; and announced that he is also required to identify for the record that he is a Board Member of the Sanitation Districts of Los Angeles County, which is involved in this item.

Chair Benoit recused himself from Agenda Item No. 2 due to campaign contributions from Clean Energy and USA Waste of California, which are involved in this Item.

Supervisor Rutherford announced that she has no financial interest in Agenda Item No. 6 but is required to identify for the record that she is a member of the San Bernardino County Transportation Commission, which is involved with this item.

Board Member Kracov recused himself from Agenda Item No. 2 out of an abundance of caution due to potential financial interests relating to his prior representation of the California Waste Recycling Association, and announced that he is also required to identify for the record that he is a Board Member of CARB, which is involved in this item.

Bayron Gilchrist, General Counsel, announced that Supervisor Kuehl has no financial interest in Agenda Item No. 2 but is required to identify for the record that she is a Supervisor on the Los Angeles County Board of Supervisors, which is involved in this item.

Mayor McCallon announced that he is required to identify for the record that he is a Board Member of Metrolink, which is involved with Agenda Item No. 2; and is required to identify for the record that he is a member of the San Bernardino County Transportation Commission, which is involved with Agenda Item No. 6.

Chair Benoit announced that public comment on Agenda Items 1-20 would be taken at this time.

Ranji George expressed concern about the large proportion of incentive funds that continues to be allocated for natural gas technologies, while investments in hydrogen remain relatively low. He expressed support for battery, fuel cell, and hydrogen technologies that are zero emissions and needed to improve air quality. He urged the Board to ensure that hydrogen and fuel cell technologies receive a fair share of incentive funds. He added that technology infrastructure costs for batteries may be lower than hydrogen, but the costs to clean up battery recycling sites is significant.

Harvey Eder expressed concerns about the under reported number of premature deaths from air pollution, and the economic and social costs to society. He also commented about conflict of interest claims against oil companies.

Items Deferred from Consent and Board Calendar/Pulled for Discussion

2. Implement Carl Moyer, SOON, State Reserve, FARMER and Community Air Protection Programs by Recognizing Funds from CARB, Executing and Amending Contracts, and Reimbursing Administrative Costs

Board Member Padilla-Campos expressed concerns that staff has recommended awards for natural gas projects and that zero-emission projects are on the backup list.

Dr. Matt Miyasato, Deputy Executive Officer/Chief Technologist of Science & Technology Advancement, explained that the intent of the Carl Moyer Program is to

replace older diesel vehicles and equipment with the cleanest, commercially available technologies. The availability of zero-emissions technology is limited but this item recommends funding of about \$24 million for zero-emission technologies and about \$4.8 million for zero-emission infrastructure projects. These projects are expected to generate significant NOx emission reductions. South Coast AQMD leads the state in pilot projects for zero-emission on-road and other technologies, but they are not commercially available yet in all applications. As they become available, staff will recommend these projects for funding. Dr. Miyasato clarified that the zero-emission projects on the backup list were very expensive, and are listed in alphabetic order, not in order of priority.

Mayor Cacciotti inquired about the length of time it takes to implement projects and how long it takes to execute contracts.

Dr. Miyasato responded that staff will work closely with the utility companies to ensure that the infrastructure projects get expedited but it takes from 6 to 18 months for large infrastructure projects to get implemented. Wayne Natri, Executive Officer, added that there is a high percentage of contracts that are being extended between 6 to 12 months because of delays either in the supply chain, manpower or administrative issues.

Vice Chair Delgado stated that the South Coast AQMD prioritizes zero-emissions technologies as much as possible, given its limited availability.

Mayor Rodriguez announced that he would recuse himself and abstain from voting on Agenda Item No. 2.

Written Comments Re: Item No. 2 Submitted by:

- One letter signed by the following organizations: California Communities Against Toxics, California Kids IAQ, Center for Community Action & Environmental Justice, Coalition For Safe Environment, Communities for a Better Environment, Community Dreams, Earthjustice, EMeRGE, Jobs to Move America, Long Beach Alliance for Children with Asthma, NAACP-San Pedro & Wilmington Branch, San Pedro & Peninsula Homeowners Coalition, Sierra Club

MOVED BY CACCIOTTI, SECONDED BY MCCALLON, AGENDA ITEM 2, APPROVED AS RECOMMENDED TO ADOPT RESOLUTION NO. 22-1, RECOGNIZING FY 2021-22 CARL MOYER PROGRAM FUNDS AND TO ADOPT RESOLUTION NO. 22-2, RECOGNIZING FY 2021-22 FARMER FUNDS, BY THE FOLLOWING VOTE:

AYES: Cacciotti, Delgado, Kuehl,
McCallon, Padilla-Campos, Perez
and Rutherford

NOES: None

ABSTAIN: Benoit, Buscaino, Kracov and
Rodriguez

ABSENT: Bartlett and Richardson

MOVED BY BUSCAINO, SECONDED BY
CACCIOTTI, AGENDA ITEMS 1 AND 3
THROUGH 20 APPROVED AS
RECOMMENDED, AND TO ADOPT
RESOLUTION NO. 22-3, RECOGNIZING THE
PROCLAMATION OF A STATE OF
EMERGENCY BY GOVENOR NEWSOM ON
MARCH 4, 2020 AND THAT THE COUNTY OF
LOS ANGELES CONTINUES TO
RECOMMEND MEASURES TO PROMOTE
SOCIAL DISTANCING; AND AUTHORIZING
FULLY OR PARTIALLY REMOTE
TELECONFERENCE MEETINGS OF THE
GOVERNING BOARD OF THE SOUTH
COAST AIR QUALITY MANAGEMENT
DISTRICT, AND SOUTH COAST AIR QUALITY
MANAGEMENT DISTRICT COMMITTEES
SUBJECT TO THE BROWN ACT, FOR THE
PERIOD OF JANUARY 7, 2022 THROUGH
FEBRUARY 6, 2022 PURSUANT TO
PROVISIONS OF THE BROWN ACT, AND TO
RECEIVE AND FILE THE COMMITTEE, MSRC
AND CARB REPORTS, BY THE FOLLOWING
VOTE:

AYES: Benoit, Buscaino, Cacciotti,
Delgado, Kracov, Kuehl,
McCallon, Padilla-Campos,
Perez, Rodriguez, and
Rutherford

NOES: None

ABSENT: Bartlett and Richardson

PUBLIC HEARINGS

22. Determine That Proposed Amended Rule 1135 – Emissions of Oxides of Nitrogen from Electricity Generating Facilities and Proposed Rule 429.2 – Startup and Shutdown Exemption Provisions for Oxides of Nitrogen from Electricity Generating Facilities, Are Exempt from CEQA; and Amend Rule 1135 and Adopt Rule 429.2

Mike Morris, Planning and Rules Manager, gave the staff presentation on Item No. 22.

The public hearing was opened, and the following individuals addressed the Board on Item 22.

Jim Buerkle, Southern California Edison, expressed support for the proposed rules and appreciation to staff for addressing the many complex energy and air quality challenges impacting their Pebbly Beach Generating Station on Santa Catalina Island. He expressed concerns that their project is not compatible with the 2026 facility wide NOx limits and the ban on new diesel installations starting in 2024 and asked that the Resolution direct staff to reevaluate the facility wide limit and diesel engine ban, and reopen the rule in 2022.

Mark Abramowitz, Community Environmental Services, expressed support for the proposed amendments relating to the diesel engines at Catalina Island; however, the Resolution does not include a timeframe for staff to return to the Board with the results of the BARCT assessment. He requested that the Board direct staff to return in September 2022 with rule amendments based on the BARCT analysis.

Robina Suwol, California Safe Schools, requested that the required BARCT analysis be performed on diesel engines on Catalina Island to assess the availability of zero-emission technology and added that the Resolution should include a timeframe for amendments to the rule that will include the results of the BARCT analysis.

Harvey Eder, commented on the SunShot program, a solar energy demonstration project that was shut down many years ago. He expressed concerns about climate change and environmental impacts.

There being no further testimony on this item, the public hearing was closed.

Chair Benoit acknowledged that staff is currently working on several priorities, and asked where the Rule 1135 BARCT assessment might fit in the priority list.

Susan Nakamura, Assistant DEO/Planning, Rule Development and Area Sources, responded that staff is committed to begin rulemaking in the first quarter of 2022 to amend Rule 1135 to reflect the revised BARCT assessment; however the timeline is subject to how long it will take to complete the BARCT assessment.

Board Member Padilla-Campos asked for staff to commit to a reasonable timeline, since September is not realistic.

Mr. Nastri indicated that various rules and ongoing efforts that staff is already working on makes it difficult to commit to a specific month, and that it also depends on how long the BARCT assessment will take to complete. Ms. Nakamura added that staff could report progress to the Stationary Source Committee in September.

Chair Benoit recommended a report to the Stationary Source Committee in August, and Mr. Nastri agreed.

Mayor Rodriguez expressed support for a specific timeframe.

MOVED BY MCCALLON, SECONDED BY
BUSCAINO, AGENDA ITEM NO. 22
APPROVED AS RECOMMENDED,
ADOPTING RESOLUTION NO. 22-4
DETERMINING THAT PROPOSED AMENDED
RULE 1135 – EMISSIONS OF OXIDES OF
NITROGEN FROM ELECTRICITY
GENERATING FACILITIES AND PROPOSED
RULE 429.2 – STARTUP AND SHUTDOWN
EXEMPTION PROVISIONS FOR OXIDES OF
NITROGEN FROM ELECTRICITY
GENERATING FACILITIES ARE EXEMPT
FROM THE REQUIREMENTS OF CEQA AND
AMENDING RULE 1135 -- EMISSIONS OF
OXIDES OF NITROGEN FROM ELECTRICITY
GENERATING FACILITIES AND ADOPTING
RULE 429.2 -- STARTUP AND SHUTDOWN
EXEMPTION PROVISIONS FOR OXIDES OF
NITROGEN FROM ELECTRICITY
GENERATING FACILITIES, BY THE
FOLLOWING VOTE:

AYES: Benoit, Buscaino, Cacciotti,
Delgado, Kracov, Kuehl,
McCallon, Padilla-Campos,
Perez, Rodriguez, and Rutherford

NOES: None

ABSENT: Bartlett and Richardson

23. Certify Final Environmental Assessment for Proposed Rule 461.1 – Gasoline Transfer and Dispensing for Mobile Fueling Operations, Proposed Amended Rule 461 – Gasoline Transfer and Dispensing, and Proposed Amended Rule 219 – Equipment Not Requiring a Written Permit Pursuant to Regulation II; Adopt Rule 461.1 and Amend Rules 461 and 219

Board Member Kracov and Supervisor Kuehl recused themselves from Agenda Item No. 23, and left the meeting during the discussion of this item, due to a financial interest in Disney, which is involved in this item.

Susan Nakamura gave the staff presentation on Item No. 23.

Supervisor Rutherford commented on discussions at the Stationary Source Committee meeting about revisiting Rule 219 and inquired about the timeline.

Mr. Nastri stated that the rulemaking process will take about 6 to 9 months. A commitment was made to start the rulemaking in the first quarter of 2022 and staff is scheduled to provide a report to the Stationary Source Committee in August 2022.

Supervisor Rutherford asked whether the report could go to the Stationary Source committee in June rather than August to which Mr. Nastri responded in the affirmative.

The public hearing was opened, and the following individuals addressed the Board on Item 23.

Rita Loof, RadTech, requested that innovations in the UV/EB/LED industry be incorporated into Rule 219. She requested that the Resolution include a timeline for the proposed amendments to Rule 219 and that it be brought to the Stationary Source Committee in the first quarter of 2022.

Chair Benoit stated that a Resolution is not necessary as staff was directed to provide a status report in June 2022.

Howard Ragin, UV Specialties, LLC, stated that companies who upgrade their facilities with zero-emission UV/EB/LED coating applications to reduce emissions should not be assessed additional permitting fees. He requested that an exemption for applications with these technologies be included in the subsequent Rule 219 amendment.

Robina Suwol expressed concerns that the staff proposal does not promote the conversion to clean technologies. She emphasized the need to encourage businesses that are willing to invest in clean technologies instead of discouraging them by imposing additional permitting costs.

Harvey Eder commented that he supports the previous commenters' comments and that the proposed rule should be extended to liquid fuels and recharging batteries for electric vehicles. He commented that staff needs to evaluate solar in the BARCT analysis.

Bill LaMarr, California Small Business Coalition, expressed support for the staff proposal, noting that the suite of rules create a level playing field that allows stationary source fuel providers to compete with the emerging mobile fuel service delivery businesses.

There being no further testimony on this item, the public hearing was closed.

Mr. Nastri clarified that there are exemptions for zero VOC materials, but staff is committed to address concerns with UV/EB processes.

Board Member Padilla-Campos expressed appreciation to individuals who submitted comment letters regarding the rule, noting that they were very helpful.

MOVED BY CACCIOTTI, SECONDED BY
MCCALLON, AGENDA ITEM NO. 23
APPROVED AS RECOMMENDED,
ADOPTING RESOLUTION NO. 22-5
CERTIFYING THE FINAL ENVIRONMENTAL
ASSESSMENT FOR PROPOSED RULE 461.1
– GASOLINE TRANSFER AND DISPENSING
FOR MOBILE FUELING OPERATIONS,
PROPOSED AMENDED RULE 461 –
GASOLINE TRANSFER AND DISPENSING,
AND PROPOSED AMENDED RULE 219 –
EQUIPMENT NOT REQUIRING A WRITTEN
PERMIT PURSUANT TO REGULATION II AND
ADOPTING RULE 461.1 -- GASOLINE
TRANSFER AND DISPENSING FOR MOBILE
FUELING OPERATIONS, AMENDING RULE
461 -- GASOLINE TRANSFER AND
DISPENSING AND AMENDING RULE 219 --
EQUIPMENT NOT REQUIRING A WRITTEN
PERMIT PURSUANT TO REGULATION II, BY
THE FOLLOWING VOTE:

AYES: Benoit, Buscaino, Cacciotti, Delgado, McCallon, Padilla-Campos, Perez, Rodriguez, and Rutherford

NOES: None

ABSTAIN: Kracov and Kuehl

ABSENT: Bartlett and Richardson

Bayron Gilchrist announced that it is necessary for the Board to meet in Closed Session prior to taking action on Agenda Item No. 24.

CLOSED SESSION

The Board recessed to closed session at 11:25 a.m., pursuant to Government Code sections:

CONFERENCE WITH LEGAL COUNSEL – INITIATING LITIGATION

- 54956.9(a) and 54956.9(d)(4) to consider initiation of litigation:

People of the State of California v. City of Fontana, San Bernardino Superior Court, Case No. CIVSB2121829.

CONFERENCE WITH LABOR NEGOTIATORS

- 54957.6 to confer with labor negotiators:
 - Agency Designated Representative: A. John Olvera, Deputy Executive Officer – Administrative & Human Resources;
 - Employee Organization(s): Teamsters Local 911, and South Coast AQMD Professional Employees Association; and
 - Unrepresented Employees: Designated Deputies and Management and Confidential employees.

Following closed session, Chair Benoit announced that the Board would return to open public session.

OTHER BUSINESS

- 24. Approve Two-Year Labor Agreement with Teamsters Local 911, Approve Comparable Terms for Non-Represented Employees, Executive Officer and General Counsel, and Approve Unit Modification for Three Classifications

John Olvera gave the staff presentation on Item No. 24.

MOVED BY BUSCAINO, SECONDED BY CACCIOTTI, AGENDA ITEM 24 APPROVED AS RECOMMENDED, BY THE FOLLOWING VOTE:

AYES: Benoit, Buscaino, Cacciotti, Delgado, Kracov, Kuehl, McCallon, Padilla-Campos, Rodriguez, and Rutherford

NOES: None

ABSENT: Bartlett, Perez and Richardson

ADJOURNMENT

There being no further business, the meeting was adjourned by Chair Benoit at 12:00 p.m., in remembrance of L.A. County Firefighter Jonathan Flagler.

The foregoing is a true statement of the proceedings held by the South Coast Air Quality Management District Board on January 7, 2022.

Respectfully Submitted,

Faye Thomas
Clerk of the Boards

Date Minutes Approved: _____

Ben J. Benoit, Chair

ACRONYMS

AQMP = Air Quality Management Plan

BARCT = Best Available Retrofit Control Technology

CARB = California Air Resources Board

CEQA = California Environmental Quality Act

FY = Fiscal Year

MSRC = Mobile Source (Air Pollution Reduction) Review Committee

NOx = Oxides of Nitrogen

RECLAIM = Regional Clean Air Incentives Market

RFP = Request for Proposals

U.S. EPA = United States Environmental Protection Agency

UV/EB = Ultraviolet/Electron Beam

VOC = Volatile Organic Compound

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 3

PROPOSAL: Set Public Hearing March 4, 2022 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations:

Determine That Proposed Amendments to Rule 1115 – Motor Vehicle Assembly Line Coating Operations, Are Exempt from CEQA; and Amend Rule 1115

Rule 1115 - Motor Vehicle Assembly Line Coating Operations regulates VOC emissions from coatings and solvents used in operations conducted on motor vehicle assembly lines. Proposed Amended Rule 1115 reduces VOC emission limits consistent with Reasonably Achievable Control Technology requirements. In addition, the proposed amendment will update definitions, recordkeeping, and testing requirements. This action is to adopt the Resolution: 1) Determining that the proposed amendments to Rule 1115 – Motor Vehicle Assembly Line Coating Operations, are exempt from the requirements of the California Environmental Quality Act, and 2) Amending Rule 1115 – Motor Vehicle Assembly Line Coating Operations. (Reviewed: Stationary Source Committee, January 21, 2022)

The complete text of the proposed amendments, staff report and other supporting documents were made available from the South Coast AQMD's publication request line at (909) 396-2001, or from: Mr. Derrick Alatorre – Deputy Executive Officer/Public Advisor, South Coast AQMD, 21865 Copley Drive, Diamond Bar, CA 91765, (909) 396-2432, dalatorre@aqmd.gov and on the Internet (www.aqmd.gov) as of February 2, 2022.

RECOMMENDED ACTION:

Set public hearing March 4, 2022 to determine that proposed amendments to Rule 1115 – Motor Vehicle Assembly Line Coating Operations, are exempt from CEQA; and amend Rule 1115.

Wayne Nastri
Executive Officer

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 4

PROPOSAL: Establish List of Prequalified Vendors to Provide Computer, Network, Printer, Hardware and Software

SYNOPSIS: On November 5, 2021, the Board approved the release of a Request for Qualifications and Quotations (RFQQ) to prequalify vendors for computer, network, printer, hardware and software. As a result of successful responses to this RFQQ, eleven vendors were identified as capable of providing these products. This action is to approve these eleven vendors to provide these products for a two-year period. Funds (\$300,000) for these purchases are included in the FY 2021-22 Budget.

COMMITTEE: Administrative, January 14, 2022; Recommended for Approval

RECOMMENDED ACTION:

Approve list of prequalified vendors in the Attachment for a two-year period to provide computer, network, printer, hardware and software.

Wayne Nastri
Executive Officer

JCJM:MH:hlp

Background

On November 5, 2021, South Coast AQMD released a Request for Qualifications and Quotations (RFQQ) #Q2022-01 for computer, network, printer, hardware and software. The purpose of this RFQQ was to invite eligible vendors to submit quotations for seven categories, consisting of: 1) computer equipment (desktop and file server); 2) parts (desktop and file server); 3) software (desktop and network); 4) printers; 5) printer parts; 6) network LAN/WAN equipment; 7) desktop computer hardware upgrade systems; and 8) audio visual equipment. Vendors could bid on any one, or all, of the categories. The selected vendors resulting from this RFQQ would be used to compile a prequalified vendor list. Purchase orders may be placed with any or all of the vendors on the prequalified vendor list. The prequalified vendor list will be in effect for a period of two years, and will expire on February 7, 2024. Orders for equipment purchased

under this RFQQ will be placed with the vendors who are determined to be the most advantageous to the South Coast AQMD at the time of placing the order. It is expected that product orders will be placed throughout the duration of the qualification period. Consideration will be given to cost advantage, technical superiority, length of warranty, and services provided.

Outreach

In accordance with the South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the RFQQ and inviting bids was published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County's Press Enterprise newspapers to leverage the most cost-effective method of outreach to the South Coast Basin.

Additionally, potential bidders may have been notified utilizing the South Coast AQMD's own electronic listing of certified minority vendors. Notice of the RFQQ has been emailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations, and placed on South Coast AQMD's website (<http://www.aqmd.gov>).

Bid Evaluation

Eighty-six copies of the RFQQ were mailed out and eleven vendors responded when final bidding closed at 1:00 p.m. on December 7, 2021. Of the eleven complete responses, three are near-zero compliant; five are women-owned business enterprises; five are minority-owned business enterprises; six are local business enterprises; and four are small business enterprises. All eleven bids met the minimum requirements specified in the RFQQ and are recommended for prequalification in the appropriate categories.

The Attachment lists the eleven vendors prequalified to provide computer, network, and printer hardware and software, and desktop computer hardware upgrades.

Panel Composition

The evaluation panel consisted of four staff from Information Management: a Systems and Programming Supervisor, two IT Supervisors and a Senior Information Technology Specialist. Of the four panelists, three are Asian-Pacific Islanders and one is Hispanic; all are male.

Resource Impacts

Funds for the purchase of desktop computer hardware upgrade systems are included in the FY 2021-22 Budget.

Attachment

List of Prequalified Vendors for Computer, Network, Printer, Hardware and Software, and Desktop Computer Hardware Upgrades

ATTACHMENT A

List of Prequalified Vendors for Computer, Network, and Printer Hardware and Software, and Desktop Computer Hardware Upgrades

	Vendor	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8	Cisco Certified Partner	Dell Partner	Toshiba Partner	HPE Enterprise Partner	Misc Equip Partner
1	California Integrated Solutions, INC.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	X	X	X	X	X
2	Peacock Systems	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		X		X	
3	Nth Generation Computing, INC.	Yes	No	No	No	No	No	No	No		X		X	X
4	Dexon Computer	Yes	No	No	No	No	Yes	No	No					
5	Agreeya	No	No	Yes	No	No	No	No	No					X
6	Hypertec Direct	No	Yes	No	Yes	Yes	No	Yes	No		X		X	X
7	SHI International Corp.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	X			X	X
8	Presido Networking Solutions Group, LLC	No	Yes	No	Yes	Yes	Yes	Yes	No	X	X	X	X	X
9	Insight Public Sector, INC.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X	X	X	X
10	Golden Star Technology	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X		X	X
11	HPI International INC.	No	No	Yes	Yes	Yes	No	Yes	No				X	X

Categories of Supplies and Services:

1. Computer Systems
2. Computer Parts
3. Computer Software
4. Printers
5. Printer Parts/Accessories
6. Network Equipment
7. Desktop Computer Hardware Upgrade Systems
8. Audio Visual Equipment

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 5

PROPOSAL: Approve a Two-Year Labor Agreement with SC-PEA for the Professional Unit Bargaining Group

SYNOPSIS: South Coast AQMD management and representatives of South Coast AQMD Professional Employees Association ("SC-PEA"), representing the Professional Unit employees, have reached agreement on a new 2-year MOU. This action is to present the proposed agreement to the Board for approval.

COMMITTEE: No Committee Review

RECOMMENDED ACTIONS:

Approve a two-year agreement for a successor 2022-2023 SC-PEA MOU for the Professional Unit bargaining group. The 2022-2023 SC-PEA MOU is presented in Attachment A. This MOU supersedes the current Terms and Conditions of Employment implemented for the Professional Unit on October 1, 2021.

Wayne Nastri
Executive Officer

AJO:mm

Background

On December 31, 2020, the 2018-2020 Memorandum of Understanding (MOU) between South Coast AQMD and SC-PEA expired. Upon reaching impasse in the bargaining process for a successor MOU, on October 1, 2021, the Board approved Terms and Conditions of Employment (Terms & Conditions) for the Professional Unit, which incorporated and revised provisions of the 2018-2020 SC-PEA MOU. The parties have engaged in bargaining and have reached a tentative agreement for a new MOU. The SC-PEA bargaining unit members have voted to ratify the tentative agreement. A new MOU requires adoption by the Board to have full force and effect.

Proposal

This action is to present the proposed 2022-2023 SC-PEA MOU to the Board for approval. The primary provisions of the successor MOU include: a two-year term, from January 1, 2022 to December 31, 2023; a 3 percent across-the-board increase to base salary in each year, effective as of pay periods encompassing February 4, 2022 and January 1, 2023; adding Juneteenth as a holiday; providing an employer contribution match up to \$300 per calendar year for members participating in the South Coast AQMD Section 457 Deferred Compensation Plan; and adding one additional day of Bereavement Leave when out-of-town travel is required.

The applicable provisions of the Terms & Conditions and the 2018-2020 SC-PEA MOU are incorporated in the proposed successor MOU, unless indicated otherwise herein. The proposed 2022-2023 SC-PEA MOU is provided in Attachment A. For reference, the incorporated provisions of the Terms & Conditions are shown in ***bold/italics*** and new/revised items for the 2022-2023 SC-PEA MOU are shown in ~~strikeout~~/underline.

Resource Impacts

There is sufficient funding available for the first six months of the two-year agreement in the FY 2021-22 Budget. Funding for the remaining term of the labor agreement will be requested in subsequent fiscal year budgets.

Attachments

Attachment A – 2022-2023 SC-PEA MOU

**SOUTH COAST AIR QUALITY
MANAGEMENT DISTRICT**

**MEMORANDUM
OF
UNDERSTANDING**

PROFESSIONAL UNIT

January 1, 2022 – December 31, 2023

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SC-PEA MEMORANDUM OF UNDERSTANDING

**MEMORANDUM OF UNDERSTANDING
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
AND
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
PROFESSIONAL EMPLOYEES ASSOCIATION
CONCERNING THE EMPLOYEES IN THE PROFESSIONAL UNIT**

ARTICLE 1

RECOGNITION

Section 1. Pursuant to the provisions of the Employee Relations Resolution of the South Coast Air Quality Management District (hereinafter called "AQMD") and applicable State law, effective May 18, 1999, the South Coast Air Quality Management District Professional Employees Association (hereinafter "SC-PEA" or "Union") was certified by the Executive Officer as the exclusive bargaining representative of employees in the Professional Unit (hereinafter referred to as "Unit") established in the *Employee Relations Resolution*.

The term "employee" or "employees" as used herein shall refer to employees employed by AQMD in the Professional Unit in the employee classifications comprising these Units as listed in Appendix A, as well as such classes as may be added hereinafter to said Unit by the Executive Officer.

Section 2. Exclusive Recognition. AQMD agrees that it shall recognize SC-PEA as the exclusive representative of the employees in the Professional Unit for the purpose of meeting its obligations under the Meyers-Milias-Brown Act, Government Code Section 3500 et seq., and Employee Relations Resolution when AQMD rules, regulations, or laws affecting wages, hours, or other terms and conditions of employment are amended or changed.

Section 3. Employee Rights. The parties mutually recognize and agree to protect the rights of all employees hereby to join or participate in protected Union activities or to refrain from joining or participating in protected Union activities in accordance with the Employee Relations Resolution and Government Code Sections 3500 and 3511.

ARTICLE 2

NONDISCRIMINATION

Section 1. AQMD and the Union agree that they shall not discriminate against any employee because of race, color, sex, age, national origin, political, or religious opinions or affiliations, religion, marital status, disability, or sexual orientation. AQMD and the Union shall reopen any provision of this Agreement for the purpose of complying with any final order of a federal or State agency or court of competent jurisdiction requiring a modification or change in any provision or provisions of this Agreement in compliance with State or federal antidiscrimination laws.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 2

NONDISCRIMINATION

Whenever the masculine gender is used in this Memorandum of Understanding (MOU), it shall be understood to include the feminine gender.

ARTICLE 3

SALARIES

Section 1. Salaries during the term of this contract will be those in effect on the start of the pay period encompassing February 4th of 2022 and January 1st of 2023, as listed in Appendix A.

~~Section 2. As soon as practicable after June 1, 2018, each member shall receive a one-time payment of \$600. As soon as practicable after June 1, 2019, each member shall receive a one-time payment of \$600. As soon as practicable after June 1, 2020, each member shall receive a one-time payment of \$600. Subject to Salary Resolution Section 12(e), the employee's step advancement pay will be implemented on the employee's Anniversary Date, in accordance with Section 15 of the Salary Resolution, unless the Deputy Executive Officer of the employee's department notifies Human Resources of the need to deny or defer the step advancement pay. [Italicized text indicates changes made by 2021 Terms and Conditions.]~~

ARTICLE 4

WORKING OUT-OF-CLASS

Section 1. SCAQMD may work employees out of classification. No employee shall be worked out-of-class for more than 180 consecutive calendar days per assignment. With approval from Human Resources, a working out-of-class assignment may be extended up to an additional 60 consecutive calendar days. Employees who have completed a working out-of-class assignment shall not be eligible for another working out-of-class assignment in the same job classification for 90 calendar days. If an employee works out-of-class for more than 8 working days, after the 8th working day, the employee shall receive the pay for the classification worked.

Section 2. For purposes of this Article, working out-of-class means that an employee is assigned to perform significant distinguishing duties of the higher classification a majority of the time in a position allocated to his or her organizational unit. To the extent practicable, working out-of-class opportunities will be advertised within the organizational unit having the vacancy, and the qualifications of employees who respond will be considered prior to a working out-of-class appointment being made.

Section 3. Any employee assigned and receiving the compensation of a higher-level classification under the provisions of this Article shall not receive any other compensation or continuous service credit as provided for under Sections 19 and 20 of the AQMD *Salary Resolution*. Under no circumstances shall a working out-of-class assignment be considered a temporary appointment.

SC-PEA MEMORANDUM OF UNDERSTANDING

Section 4. Any employee assigned to working out-of-class status must meet the minimum requirements for the higher-level classification at the time of appointment. Human Resources must review and approve all working out-of-class assignments prior to an out-of-class appointment being made.

ARTICLE 5

WORK WEEK

Section 1. The work week shall consist of four 10-hour days within a 7-calendar-day period. Work days will be Tuesday through Friday, beginning May 1, 1996, except that management may designate alternative work days for individual employees when operational needs require it. Nothing contained herein shall be construed as guaranteeing to any employee a minimum number of hours per day, days per week, weeks per year, or any other guarantee of work.

Employees may choose, subject to supervisory approval, to start work as early as 6:30 a.m. and to end work as late as 7:00 p.m.

This work schedule shall be applied to all employees unless specifically exempted by management.

Section 2. Employees exempted for a medical condition from the 4/10 work schedule referenced above will work a minimum of four 8-hour days per week. Management has the discretion, based on operational needs, to permit an employee to have a work schedule consisting of five 8-hour days within a 7-calendar-day period. Those working a 4/8 schedule may apply earned leave time (vacation, compensatory time, sick leave, etc.) to receive up to full pay for an 80-hour pay period. Nothing contained herein shall be construed as guaranteeing to any employee a minimum number of hours per day, days per week, weeks per year, or any other guarantee of work.

Section 3. AQMD shall give an employee reasonable advance notice of any change in the employee's regular work week.

NOTE: Reasonable advance notice shall be defined as 10 business days' written notice to the affected employee for any change in the employee's regular work week, except in cases of emergency.

ARTICLE 6

OVERTIME

(Compensatory Time)

Section 1. All employees shall be entitled to compensatory time for all paid hours in excess of 40 hours within the employee's work week. Compensatory time shall be earned at the rate of 1-1/2 hours of compensatory time for each 1 hour of overtime worked. Time paid for but not worked during the employee's regular work week shall be counted toward the computation of overtime. Compensatory time for overtime worked shall be accumulated in 1/4 hour per day increments. If an employee works less than 1/4 hour per day of overtime, the employee shall not receive compensatory time.

SC-PEA MEMORANDUM OF UNDERSTANDING

Section 2. Accumulated compensatory time not taken off in the calendar year in which it was earned may be carried over indefinitely to subsequent calendar years.

(*Salary Resolution*, Section 32(c), “Payment Upon Termination.”)

ARTICLE 6

OVERTIME

(Compensatory Time)

Section 3. Payment Upon Termination. Upon termination from AQMD service, employees shall, in accordance with the law, be paid a lump sum payment for their unused, accumulated compensatory time off; however, no payment shall be made for unused compensatory time exceeding 240 hours. Such lump sum payment shall be computed by multiplying employees’ unused compensatory time (up to 240 hours) by their regular hourly rate at date of termination.

Section 4. Usage of Compensatory Time Off Previously Earned.

- a. Accumulated compensatory time off may be taken by an employee upon reasonable notice and prior approval of management.
- b. Accumulated compensatory time shall be taken off by an employee when directed by management, but only when an employee has accumulated more than 40 hours of compensatory time and subject to the following: On each occasion when an employee has accumulated more than 40 hours of compensatory time, management may direct the employee to reduce his or her accumulated compensatory time balance to as low as 20 hours, either by taking time off or receiving paid overtime at the straight time rate. Once directed to reduce his or her compensatory time balance, the employee shall choose either to take or receive compensatory time off or to receive paid overtime at the straight time rate. Should the employee in this status elect to take compensatory time off, management will give an employee at least 10 days’ notice prior to the date compensatory time is directed by management to be taken. In approving and directing compensatory time off, management will, as far as practicable, attempt to accommodate employee convenience to the degree possible in light of the operational requirements of the division.

Section 5. All employees who work more than 10 hours in any 24-hour period (or more than 8 hours if working an 8-hour-per-day schedule) shall be entitled to compensatory time for those excess hours. Said compensatory time shall be earned at the rate of 1-1/2 hours of compensatory time for each 1 hour worked past 10 in a day (or 8 if working a 5/8 schedule). This compensatory time shall be granted irrespective of the hours paid or worked within the employee’s work week.

SC-PEA MEMORANDUM OF UNDERSTANDING

Section 6. Employees working on a holiday shall receive, in addition to regular pay for that day, time-and-one-half (1-1/2) compensatory time or time-and-one-half (1-1/2) pay for all holiday hours worked, at the employee's option. Their compensation shall be irrespective of the number of hours the employee worked during that week.

ARTICLE 7

OVERTIME (Paid Overtime)

Section 1. Any employee, at the time of request, may opt to be paid for any overtime worked at the rate of 1-1/2 times his or her hourly rate, minus any bonuses, or may have said time added to his or her compensatory time balance at the rate of 1-1/2 hours of compensatory time for every 1 hour of overtime worked.

Section 2. Employees may opt to be paid overtime for all hours worked in excess of 40 in 1 week. Hours worked includes time for which persons are compensated but do not actually work, including but not limited to sick leave, vacation and fixed and floating holidays.

Section 3. All employees required to work on Sunday shall receive overtime pay at 1-1/2 times their regular rate of pay for all hours worked on that day regardless of the number of days or hours worked in the work week. This will be the case irrespective of how many hours of accumulated overtime the employee had on the books prior to the Sunday he or she was required to work.

Section 4. Nothing herein is intended to limit or restrict the authority of AQMD to require any employee to perform overtime work.

Section 5. Notwithstanding Sections 1 and 2 above, all employees who work more than 10 hours in any 24-hour period (or more than 8 hours if working an 8-hour-per-day schedule), may opt to be paid for those excess hours. Payment shall be at the rate of 1-1/2 times the regular rate of pay. This payment shall be granted irrespective of the hours paid or worked within the employee's work week.

Section 6. Employees working on a holiday shall receive, in addition to regular pay for that day, time-and-one-half compensatory time or time-and-one-half pay for all holiday hours worked, at the employee's option. Their compensation shall be irrespective of the number of hours the employee worked during that week.

ARTICLE 8

DIFFERENTIAL FOR NIGHT SERVICE

(Salary Resolution, Section 23, "Differential for Night Service")

Section 1. Differential For Night Service.

a. For purposes of this section only:

- (1) An evening shift is a regularly established work shift at least 1/2 of which falls between the hours of 4 p.m. and 11 p.m.

SC-PEA MEMORANDUM OF UNDERSTANDING

- (2) A night shift is a regularly established work shift at least 1/2 of which falls between the hours of 9 p.m. and 8 a.m.
- b. A \$1.00-per-hour bonus shall be paid to employees for each hour they work during an evening or night shift, except as otherwise provided herein.

ARTICLE 9

(Salary Resolution, Section 24, "Standby Pay")

STANDBY PAY

Section 1. Standby Pay. When authorized, a \$2.00-per-hour payment may be paid to any person assigned regularly scheduled periods of standby service at off-duty times.

Employees who are required to stand by must be available to return to duty with minimal delay, which may or may not require travel to SCAQMD headquarters or another location. Employees on standby shall not be considered to be inconvenienced or have their normal activities restricted if they are required to be available to respond to phone calls or text messages by mobile phone, or are required to be available to respond to pages or emails.

When an employee on standby service is required to return to duty, the employee shall receive Call-Back pay, in accordance with Article 10.

ARTICLE 10

(Salary Resolution, Section 25, "Call-Back Pay")

CALL-BACK PAY

Section 1. Call-Back Pay.

- a. Whenever employees are unexpectedly ordered to return to duty because of unanticipated work requirements, such return to duty shall be deemed to be a call back if the order to return is given to the employee following termination of his or her normal work shift and departure from the work location, and such return occurs within 24 hours of when the order is given but not less than 2 hours before the established starting time of the employee's next regular shift.

An employee on standby service shall receive Call-Back pay when required to return to duty, in accordance with Section 1.b below.

- b. Any employee in a full-time permanent position shall receive call-back pay as follows:

SC-PEA MEMORANDUM OF UNDERSTANDING

- (1) If the order to return to work requires travel to District headquarters or to another location to do the work,
 - (a) a minimum payment equal to 4 hours of pay at time-and-one-half (1-1/2) the employee's regular rate, or
 - (b) a minimum payment equal to 4 hours of compensatory time at time-and-one-half (1-1/2) to be added to his or her balance.

- (2) If the order to return to work does not require travel to District Headquarters or to another location to do the work,
 - (a) a minimum payment equal to 2 hours of pay at time-and-one-half (1-1/2) the employee's regular rate, or
 - (b) a minimum payment equal to 2 hours of compensatory time at time-and-one-half (1-1/2) to be added to his or her balance.

If the total number of hours worked during the return to duty exceeds the minimum payment, the employee shall receive compensation at time-and-one-half (1-1/2) for all hours worked. As an alternative, the employee may opt to receive compensatory time hours at time-and-one-half (1-1/2) the employee's regular rate for all hours worked. The compensatory time and overtime provisions of this section shall apply regardless of the compensatory time balance of the employee prior to being called back.

- c. Whenever an employee is unexpectedly ordered by his or her supervisor to return to duty as provided above, but such return occurs less than 2 hours before the established starting time of the employee's next regular shift, it shall be deemed an early shift start, and the employee shall be compensated at overtime rates for any overtime worked as a direct result thereof.

ARTICLE 11

MILEAGE ALLOWANCE

(Administrative Code, Section 110)

Section 1. Mileage Permittee.

A mileage permittee is any person traveling on AQMD business in his or her own private vehicle who claims mileage reimbursement. Such person's eligibility for mileage permittee status is established by the approval of the mileage claim by his or her Designated Deputy or management-level designee.

Section 2. Rules for Filing Mileage Claims.

The Chief Financial Officer is hereby authorized to establish procedures governing the preparation, filing, and payment of mileage and parking reimbursement claims.

SC-PEA MEMORANDUM OF UNDERSTANDING

Section 3. Mileage Permittee Insurance Requirements.

The mileage permittee's act of signing a mileage/parking reimbursement claim signifies that he or she has the automobile insurance or bond coverage required by the State of California. To so falsely state coverage will be grounds for disciplinary action.

ARTICLE 11

MILEAGE ALLOWANCE

Section 4. Mileage Rates.

A mileage permittee shall be paid for the use of a privately owned motor vehicle (other than motorcycle) or aircraft for the reimbursement period established by the Chief Financial Officer. The rate shall be adjusted by the Chief Financial Officer based on the Internal Revenue Service Standard Mileage Rate.

Section 5. Mileage Eligibility for Reimbursement.

Mileage permittees will be allowed to claim reimbursement for only the business mileage traveled each day in excess of that from their home to their designated headquarters and return. However, if a mileage permittee does not report to his or her headquarters location during the business day while conducting AQMD business which requires driving, he or she will be entitled to full reimbursement for actual miles traveled on business that day; i.e., no deduction will be made for the home-to-headquarters round trip. For purposes of mileage reimbursement, a headquarters location will be established for each mileage permittee by his or her Designated Deputy or management-level designee. Reimbursement will not be made if an AQMD pool car is available and the mileage permittee elects to drive his or her own private vehicle.

Section 6. Extra Trip Mileage. Whenever a mileage permittee is ordered to return to his or her duties from home after regular working hours, mileage will be allowed from and return to home.

Section 7. Mileage on Weekends and Other Nonwork Days. Mileage permittees working on weekends or holidays or on their regularly scheduled day off under a 4/10 work schedule may claim mileage reimbursement for the round trip from home to their work site, as well as any other mileage claimable under Section 5 above.

With the approval of the respective Designated Deputy, mileage may also be claimed by permittees attending AQMD-approved functions (such as seminars) on weekends, holidays, or a regularly scheduled day off under a 4/10 work schedule even if they are not in a paid status on these days. For these employees, mileage shall be computed as if the mileage permittee were in a paid status.

Section 8. Reimbursement for Occasional Parking.

A mileage permittee shall be entitled to reimbursement for actual expenses incurred for occasional parking as a necessary part of official travel.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 12

(Administrative Code, Section 120)

TRAVEL EXPENSES

Section 1. Travel Expenses.

Expenses for travel shall not exceed:

- a. The actual cost of transportation when by public carrier.
- b. The actual cost of meals and lodging not to exceed the limits specified in Administrative Code, Section 120.
- c. Employee meal expenses within AQMD shall be reimbursed only when approved by the Executive Officer or designee.
- d. Meals and travel expenses for other than AQMD employees shall be reimbursed only when approved by the Executive Officer or designee. Reimbursement will be made for the actual cost of the meal and travel, subject to the limitations presented elsewhere in this Agreement.
- e. Meals and travel for other than AQMD employees asked to sit on oral boards, used for interviewing prospective employees of AQMD, will be reimbursed for the actual cost of the meal and travel subject to the limitations presented elsewhere in this Agreement. The Executive Officer, or designee, must approve a request in advance.

Requests for Travel Expenses.

All demands against AQMD for travel expenses shall be filed in duplicate on forms and at times prescribed by the Chief Financial Officer. Receipts must be presented for all expenses in excess of \$25 incurred under this section.

ARTICLE 13

HAZARD PAY

Section 1. With the exceptions noted in Section 3 below, employees who are assigned by management to assist in a specific hazardous assignment, as determined by management, shall receive a daily bonus for such work for the number of days actually assigned to the hazardous assignment during a pay period as follows:

	Effective <u>6/25/90</u>
1 day or any portion thereof	\$10.00
2 days	\$20.00
3 days	\$30.00
4 days	\$40.00
5 days	\$50.00
6 days	\$60.00
7 days	\$70.00
8 days	\$80.00
9 days	\$90.00
10 days	\$100.00

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 13

The hazard pay shall not constitute a part of the employee's base rate, but shall be a bonus for performing hazardous duties.

HAZARD PAY

Section 2. The bonus in Section 1 will be applied only when inspections or sampling activity occurs in an area where the wearing of breathing apparatus is mandatory because concentrations of toxic materials may be at such a high level that there would be adverse health effects experienced by the employee without the use of such equipment.

Section 3. Employees in the Monitoring & Analysis Division assigned to a field source test team will receive \$20 per day those days that they actually participate in source tests.

ARTICLE 14

(Salary Resolution, Section 28, "Holidays")

HOLIDAYS

Section 1. For the term of this Agreement, South Coast AQMD-paid holidays shall be:

- a. July 4 (Independence Day)
- b. The first Monday in September (Labor Day)
- c. November 11 (Veteran's Day)
- d. The fourth Thursday and the following Friday in November (Thanksgiving)
- e. December 25 (Christmas)
- f. January 1 (New Year's Day)
- g. The third Monday in January (Martin Luther King, Jr.'s Birthday)
- h. The third Monday in February (Presidents' Day)
- i. The last Monday in May (Memorial Day)
- j. June 19 (Juneteenth)

On each September 1 ~~during the term of this Agreement~~, South Coast AQMD employees shall be granted 10 hours of floating holiday time (or 8 hours of floating holiday time if working a 4/8 or 5/8 schedule) in lieu of celebrating Admissions Day. On each February 1 ~~during the term of the Agreement~~, South Coast AQMD employees shall be granted 10 hours if working a 4/8 or a 5/8 schedule) of floating holiday time in lieu of celebrating Abraham Lincoln's birthday.

Whenever any employee is unable to take such time off as provided by this section regarding floating holidays, such time may be carried over into the next succeeding calendar year during which year such time off must be taken or it is lost. However, if a pay period bridges two calendar years, an employee will have until the end of that pay period to take off floating holiday time before it is lost.

Section 2. Paid Leave. Any employee who is employed on a biweekly basis shall be entitled to paid leave for holidays as defined by Section 1 above, as follows:

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 14

HOLIDAYS

- a. 40-hour-per-week employees and employees exempted for a medical condition from the 4/10 work schedule who are regularly scheduled to work a minimum of four 8-hour days per week:
 - (1) Any employee working a 4/10 work schedule shall receive 10 hours of holiday pay for each said holiday.
 - (2) Any employee working a 4/8 or a 5/8 work schedule shall receive 8 hours of holiday pay for each said holiday.
 - (3) Whenever an employee's regularly scheduled day off falls on a holiday, he or she shall be granted 10 hours of holiday earned time (8 hours if working a 4/8 or a 5/8 schedule).
- b. Part-time Employees. Any part-time employee employed on a biweekly basis shall be allowed paid leave for each said holiday in the manner set forth in this Section, but in an amount equal to the fraction of 10 hours or 8 hours equivalent to the basis for compensating said position.
- c. Holiday Earned.
 - (1) Whenever any employee is unable to take such time off as provided by section 2a.(3) above, such time may be accrued for up to 140 hours. Holiday earned accrual will resume at the beginning of the pay period immediately following the pay period in which the balance falls below 140.

Beginning April 6, 2018, or as soon as practicable, accrued holiday earned time will be tracked separately from accrued compensatory time. From April 6, 2018 through April 30, 2018, an employee may transfer up to 70 holiday earned hours accrued and unused during the previous 26 pay periods from the employee's compensatory time balance to the employee's holiday earned balance.

- (2) From April 6, 2018 through April 30, 2018, any employee who has held a permanent full-time position for 26 consecutive pay periods shall have the option of selling back to SCAQMD up to 70 hours of holiday earned leave time accrued, and not used, during the previous 26 pay periods. Once an employee has sold back any amount of holiday earned leave time, the employee may not do so again for another 26 pay periods.

Beginning May 1, 2018, any employee who has held a permanent full-time position for 26 consecutive pay periods shall have the option of selling back to SCAQMD up to 40 hours of holiday earned leave time accrued, and not used, during the previous 26 pay periods. Once an employee has sold back any amount of holiday earned leave time, the employee may not do so again for another 26 pay periods.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 14

HOLIDAYS

- d. Holiday Time Payoff. Any employee about to leave the service of AQMD shall be allowed a leave of absence of accumulated holiday time which has not been taken, calculated according to the provisions of this section. In place of this leave, a lump sum payment may be made to the employee. This payment shall be calculated by multiplying the employee’s unused holiday time by his or her regular hourly rate at the date of termination.

ARTICLE 15

VACATIONS

(Salary Resolution, Article 9, “Vacations”)

Section 1. Vacation Anniversary Date.

- a. Full-time employees and employees exempted from the 4/10 work schedule for a medical condition who are regularly scheduled to work a minimum of four 8-hour days per week shall earn and be credited with vacation at the rate of .03846 hours for each hour of active service, exclusive of overtime, during their first year of service. Employees shall be granted neither vacation time off nor a vacation payoff at termination during this first year of service.
- b. For purposes of this article, an employee’s vacation anniversary shall be the same as his or her continuous service date subject to adjustment within a pay period. This adjustment is necessary for determining a vacation accrual rate for persons having 4 or more years of continuous AQMD service. In these cases, when a continuous service date occurs within a pay period, the vacation anniversary date for that year only shall be the first day of the pay period.

Section 2. Vacation—One or More Years’ Service.

- a. Persons employed full time on a biweekly basis who have been in continuous service for more than 1 year shall accrue and be credited with vacations in accordance with the following tables:

<u>Year</u>	<u>Annual Accrual In Hours</u>	<u>Accrual Rate</u>	
		<u>Per Paid Hour (exclusive of overtime)</u>	<u>Per Pay Period</u>
1-4	80	.03846	3.08
5-9	120	.05770	4.62
10	128	.06157	4.93
11	136	.06544	5.24
12	144	.06923	5.54
13	152	.07308	5.85
14-20	160	.07694	6.16
21 or more	182	.08750	7.00

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 15 VACATIONS

- b. Notwithstanding any other provisions of this Agreement, any employee who was employed by AQMD on July 1, 1976, who on June 30, 1976, was an employee of a county and on the basis of his or her service was entitled to more vacation days than provided in Article 15, shall not have his or her vacation entitlement days reduced thereby.

Section 3. Hourly Employees.

Any employee who is employed by AQMD at least 3/4 time, over 60 hours per pay period, exclusive of overtime, shall accrue and be credited with vacation at the 2-week 80-hour rates. Each year thereafter he or she continues to be employed at least 3/4 time, he or she shall be entitled to vacation in accordance with the 2-week or she shall be entitled to vacation in accordance with the 2-week 80-hour vacation accrual rate.

Section 4. Vacation Upon Termination.

- a. Any person who leaves the service of AQMD, who immediately prior to such separation shall have been in AQMD service for 1 year or more, shall be entitled to leaving vacation. Payment for such leaving vacation shall be made in a lump sum and shall be based on the number of working hours earned.
- b. The lump sum payment upon termination shall be computed by multiplying the employee's unused vacation hours by his or her regular hourly rate at the date of termination.

Section 5. Persons in the Armed Forces.

Any employee who enters the armed forces of the United States who has been in AQMD service for 1 year or more immediately prior to such duty shall be entitled to such vacation as has accrued to him or her. Such vacation must be taken at the time of entering the armed forces and no lump sum payment may be made in lieu of carrying such person on the payroll.

Section 6. Time of Taking Vacations.

Vacations may be taken in the year in which they are earned or in subsequent years. An employee may have more than 360 hours of accrued vacation through the end of the last pay period beginning in December. Employees whose vacation accrual balances exceed 360 hours by the end of the last pay period beginning in December may not accrue additional vacation until balances are lowered to 360 hours. Vacation accrual will resume at the beginning of the pay period immediately following the pay period in which the balance falls to 360 or less. Employees will be paid for all accrued vacation time at termination.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 15

VACATIONS

A Professional employee who has 360 hours of current and deferred vacation will be allowed to sell back up to 40 hours of vacation providing the employee has taken off at least 80 hours of vacation in the prior 12 months. Once an employee has sold back vacation time, he may not do so again for another 26 biweekly pay periods. Employees hired after January 1, 2006, are not eligible to sell back vacation.

Section 7. Vacations shall be taken at such time as authorized by the appointing authority.

Section 8. Less than One-Half Time Employees.

This article shall not apply to any person who is employed for less than 1/2 time.

ARTICLE 16

FRINGE BENEFIT ADMINISTRATION

Section 1. Administration. AQMD reserves the right to select the Insurance carrier or administer any fringe benefit programs that now exist or may exist in the future during the term of this MOU.

Section 2. Selecting and Funding. In the administration of the fringe benefit programs, AQMD shall have the right to select any insurance carrier or other method of providing coverage to fund the benefits provided under the terms of this MOU, provided that the benefits to the employees shall be no less than those in existence as of the implementation of this Agreement.

Section 3. Changes. If, during the term of this MOU, any change of insurance carrier or method of funding coverage for any benefits provided hereunder occurs, AQMD shall consult with the Union prior to any change of insurance carrier or method of funding coverage.

Section 4. Labor-Management Insurance Committee. A labor-management committee will be established to review medical, dental, vision, and life insurance benefit choices and premium costs and to provide recommendations to Human Resources. The committee will consist of two members from each bargaining unit, each union's bargaining representative, two confidential employee representatives, two management representatives, the Designated Deputy over Administrative and Human Resources, and Human Resources' benefits manager and benefits analyst. The committee will meet quarterly and will provide recommendations to Human Resources on possible plan improvements and enhancements. In addition to the quarterly meetings, the committee shall meet when there is a proposed increase in the employee contribution of 5% or more, or substantial changes to the insurance carrier or plan are anticipated. Substantial includes, but is not limited to, any increase in participant co-payment for prescriptions or medical treatments or deletion of previously existing benefits. Any benefit plan recommendations developed will be given full consideration by Human Resources in providing plans that meet AQMD employee needs at cost-effective rates. Plan changes resulting from committee recommendations will not open the contract to renegotiation of any provision.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 16

FRINGE BENEFIT ADMINISTRATION

Section 5. Skill-Based Pay. Employees hired after January 1, 2006, are not eligible to receive monthly skill-based pay. They are, however, eligible for bilingual pay in accordance with prevailing policy.

ARTICLE 17

GROUP INSURANCE (Health, Dental, Life, and Vision Insurance)

Section 1. Medical-Hospital Insurance.

AQMD will pay a monthly contribution to each group medical/hospital insurance plan administered by AQMD, by an employee organization, or any other organization so designated by AQMD for each full-time permanent employee who elects to enroll in such a plan.

Dental Insurance.

Where consistent with the eligibility requirements below, AQMD shall pay each full-time permanent employee's dental premium and dependent dental coverage.

Life Insurance.

Where consistent with the eligibility requirements below, AQMD shall pay each full-time permanent employee's premium for a term life insurance policy with a value of \$10,000. Any represented employee contribution for this additional coverage will be determined in accordance with Section 2 of Article 17 of the MOU.

Vision Care.

AQMD shall offer an optional vision care plan for regular full-time employees. Any represented employee contribution will be determined in accordance with Section 2 of Article 17 of the MOU.

Eligible Employees.

The contribution provided for in this section shall be made only on behalf of each employee who actually enrolls in such plan and who is a full-time permanent employee or a permanent employee who has been exempted for a medical condition from the 4/10 schedule and who is regularly scheduled to work a minimum of four 8-hour days per week.

Such contribution shall be made to only one medical/hospital plan per employee. No contribution shall be made on behalf of any employee if he or she has not been in a pay status at least one day the prior month.

Eligible Dependents.

Eligible dependents for insurance coverages described here are legal spouses, children, and stepchildren who meet eligibility criteria set by insurance providers.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 17

GROUP INSURANCE

(Health, Dental, Life, and Vision Insurance)

Effective September 1, 1997, domestic partners of eligible bargaining unit employees and domestic partners' children are eligible for health insurance coverages described here, subject to AQMD domestic partner certification requirements and eligibility requirements for dependents set by insurance providers.

Section 2. Effective September 1, 2010, the total monthly contribution to be paid by SCAQMD for health, dental, vision, and \$10,000 life insurance shall be an amount not to exceed \$1,320.60.

SCAQMD shall pay an additional amount of \$385.00 per month on behalf of each employee directly to the health insurance providers, resulting in a reduction of premiums paid by the employees.

Any amount necessary to fund insurance coverage in excess of amounts listed above for each contract year shall be the responsibility of the individual employee. SCAQMD is authorized to deduct any amount necessary to maintain coverage of health, dental, life, and vision insurance in excess of the amounts listed above for each contract year by deducting the difference from the employee's biweekly pay warrant.

Any unused portion of the monthly benefit amount remaining after premiums for medical, dental, life, and, if selected by the employee, vision insurance plans have been paid will be reimbursed as cash.

Section 3. AQMD agrees to an open enrollment period for the medical, dental, life, and vision insurance plans referenced above.

Section 4. Once eligibility for the plan is established, AQMD agrees to provide 1 long-term disability (LTD) plan option for employees to purchase at their own expense.

Section 5. If increases in the monthly benefit contribution for 2006 and 2007 are not sufficient to fund the annual increase to the premium for family coverage for Kaiser and Delta Dental, the two-party rate for vision insurance and basic life insurance, the parties agree to meet and confer regarding the benefits cap. Nothing in this agreement to meet and confer implies any guarantee of an additional increase to the benefits cap beyond what is provided in the contract as described above.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 17

GROUP INSURANCE
(Health, Dental, Life, and
Vision Insurance)

Section 6. The parties agree to establish a committee to explore having employees represented by the SC-PEA participate in the Health Reimbursement Arrangement (HRA) adopted by the Governing Board on December 4, 2009. The committee will consist of four members of the bargaining unit, as well as representatives from Human Resources, Finance, and District Counsel. Any agreements regarding participation in the HRA will be incorporated into this MOU.

Section 7. No earlier than September ~~1510, 2018~~2022 and September ~~1510, 2019~~2023, the parties agree to a reopener of Article 17, Section 2 of the MOU for purposes of discussing potential health insurance premium increases effective on or after January 1, ~~2019~~2023 and ~~2020~~2024, respectively.

ARTICLE 18

STATE DISABILITY INSURANCE

AQMD shall continue to provide State Disability Insurance (SDI) coverage for non-industrial illness or injury. Said agreement shall provide for the integration of AQMD leave time with State Disability benefits, at the option of the employee. Employees shall not be entitled to receive more than 100% of pay when leave time and State Disability benefits are combined. Employees charging partial-pay sick leave as discussed in Article 22(3)f shall not be prevented from receiving up to 100% of salary when combining SDI benefits, partial-pay sick leave, and a sufficient amount of other leave time.

ARTICLE 19

DEFERRED COMPENSATION

Section 1. South Coast AQMD shall offer regular full-time employees the opportunity to participate in a Section 457 Deferred Compensation Plan ~~without an employer contribution~~, except as described below. The same opportunity will also be offered to hourly employees and to regular employees exempted for a medical condition from the 4/10 schedule who are regularly scheduled to work a minimum of four 8- hour days per week.

Section 2. Effective Pay Period 1 of 2023 (which has a Pay Date of January 4, 2023), for employees choosing to participate, South Coast AQMD shall fund a 1:1 matching contribution up to \$300 per calendar year. The maximum annual total contribution made to the plan for each employee shall be as stipulated by law.

Section 23. Hourly employees are required to make a mandatory contribution to a Section 457 Deferred Compensation Plan in the amount of at least 7.5% of wages in lieu of paying the old age, survivors, and disability insurance portion of Social Security tax.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 20 IRS SECTION 125 PROGRAM

IRS Section 125.

AQMD will establish an IRS Section 125 Program, which permits employees, under existing law, to use pre-tax dollars for premium conversion, medical reimbursements, and/or dependent care expenses. Effective calendar year 2013, the maximum amount of pay that can be redirected, tax free, to a flexible spending account for health-care reimbursement is \$2,500.

ARTICLE 21 RETIREMENT

Section 1. Effective July 8, 1991, for employees who are active members of the San Bernardino County Employees' Retirement Association (SBCERA) and who were hired prior to July 1, 1979, AQMD will pick up, on employees' behalf, payment of 11.34% of the employee contribution rates established for AQMD by SBCERA's actuary. For employees hired on or after July 1, 1979, AQMD will pick up, on employees' behalf, payment of 6.49% of the employee contribution rates established for AQMD by SBCERA's actuary. The remaining portion of an employee's contribution rate will be withheld from the employee's pay. Beginning December 13, 1999, employee retirement contributions will be withheld on a pre-tax basis, within Internal Revenue Service requirements.

A new employee hired on or after January 1, 2013, who was a prior member of SBCERA or another public retirement system and established reciprocity with SBCERA, or had a break in service of less than six months, shall pay their full General Membership Contribution Rate for their retirement through SBCERA. The employee's rate is established by SBCERA, and varies depending upon age of entry into the pension system.

Pursuant to the California Public Employee Pension Reform Act of 2013, a new employee hired on or after January 1, 2013, who is being employed for the first time by any public employer, had a break in service of more than six months, or was employed by another public employer but not subject to reciprocity with SBCERA, shall pay the employee contribution rate as determined by SBCERA. (As of January 1, 2013, the rate is 7.75%, and is subject to change as determined by SBCERA's actuary according to the most recently completed valuation.)

Beginning January 2, 2006, employees will contribute an additional 3.25% of "pensionable" earnings toward retirement and AQMD's contribution will be reduced by this amount.

For employees hired after January 1, 2006, only the portion of the agency's contribution toward benefits that is taken as cash is "pensionable," i.e., is considered "compensation earnable" for retirement purposes.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 21

RETIREMENT

Section 1.5. Effective the start of the pay period encompassing July 1, 2015, SCPEA bargaining unit members will contribute an additional 1.08% towards the employee retirement contribution rate and will receive a 1.08% increase to base salary. Effective the start of the pay period encompassing July 1, 2016, SCPEA bargaining unit members will contribute an additional 1.08% and will receive a 1.08% increase to base salary. Effective the start of the pay period encompassing July 1, 2017, SCPEA bargaining unit members will contribute an additional 1.08% and will receive a 1.08% increase to base salary. SCPEA bargaining unit members who have 30 years or more of retirement service credit with SBCERA, were hired on or after July 1, 2012, and those employees hired on or after the implementation of PEPRA are not eligible to receive these increases to base salary and are not required to make the additional contribution described above. At the time a SCPEA bargaining unit members reaches 30 years of SBCERA service credit, the salary increases to base salary previously received pursuant to this Section 1.5 shall be terminated and the employee's base salary will be adjusted accordingly.

Section 2. Effective July 1, 1991, for those employees who are active members of the Los Angeles County Employees' Retirement Association, employee contribution rates shall be 6.05 percentage points less than those determined in the most recent actuarial study. Irrespective of the employee contribution rate determined after applying this 6.05 percentage point reduction, those employees with less than 30 years' retirement service credit shall pay a minimum of \$1 per month in employee retirement contributions. Beginning January 2, 2006, employees will contribute an additional 3.25% of "pensionable" earnings toward retirement and AQMD's contribution will be reduced by this amount.

Section 3. Notwithstanding the provisions of Sections 1 and 2 above, it is the intent of the parties that there should be no increases in employee contributions to retirement based on actuarial studies in effect on July 8, 1991.

Section 4. A retirement contribution equivalency payment shall be made to certain employees who are members of the Los Angeles County Employees' Retirement Association. This payment shall be made only to those employees who as of July 1, 1983, paid no retirement contributions by virtue of having been credited with 30 years of retirement service credit. These employees shall receive each biweekly pay period an equivalency payment equal to 3% of base salary. It is understood by the parties that this equivalency payment is in addition to base salary and not a part of it.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 21

RETIREMENT

Section 5. In accordance with Internal Revenue Code, Section 3121 (b)(7)(f), employees who are not members of an AQMD-sponsored retirement system will be subject to the full FICA tax effective for services rendered after July 1, 1991. In the event the IRS Section 312(b)(7)(f) makes regular employees of AQMD subject to full FICA tax, the parties agree to reopen this section for the purpose of meeting and conferring.

Section 6. The Executive Officer will recommend the AQMD Board adopt a resolution that would enable full-time regular employees currently not paying Medicare taxes to elect, on a voluntary basis, to pay such taxes. With the Board's approval, Medicare tax withholding and AQMD's payment of its portion of the tax would begin as soon as administratively feasible, but no sooner than one year after the date the Board approves the resolution. The parties understand that, once a decision is made to have Medicare taxes deducted, that decision is irrevocable.

Section 7. Should AQMD become "superfunded" in the retirement system and the employer contribution rate fall below that required to fund the normal cost established by SBCERA, management will notify SC-PEA representatives and will discuss options available within the overall context of the agency's budget to assure funding is available for future year retirement cost increases.

ARTICLE 22

LEAVES OF ABSENCE FOR SICKNESS OR INJURY

(*Salary Resolution*, Section 44, "Injuries in the Course of Employment")

Section 1. Injuries in the Course of Employment.

a. Applicability of This Section. The provisions of this Section shall apply only to those industrial injury cases which the Workers' Compensation Appeals Board determines to be compensable and only for such period of time as the Workers' Compensation Laws of the State of California require payment for temporary disability and shall cease when a person leaves AQMD service other than by disability retirement.

b. Compensation and Benefits – Leaves of One Year or Less.

(1) Any employee who is absent as a result of an industrial injury deemed compensable by the Workers' Compensation Appeals Board shall receive compensation equal to the difference between his or her salary and the sum of the benefits prescribed by the Workers' Compensation Laws of the State of California and earnings from other employment, the total of which shall not exceed 65% of the base salary. Employees shall be eligible to receive such compensation above the benefits prescribed by Workers' Compensation Laws of the State of California and earnings from other employment for a period of one year from the date of injury.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 22

LEAVES OF ABSENCE FOR SICKNESS OR INJURY

- (2) An employee who is granted a disability retirement allowance as a result of a compensable industrial injury before one year from the date of injury shall receive compensation equal to the difference between (1) his or her base salary, and (2) the sum of his or her retirement allowance, plus benefits provided under the Workers' Compensation Laws of the State of California plus earnings from other employment, when such sum totals less than his or her base salary.
 - (3) The benefits provided under the Workers' Compensation Laws of the State of California referred to in c.(1) and (2) shall not include payments made for hospital, surgical, and medical expenses or payments received as a result of permanent injury awards.
 - (4) No deductions will be made from any vacation time, sick leave, or overtime previously accumulated by the employee while the employee is absent on a compensable industrial injury leave and for a period of time as defined in paragraph (1) above, except to the extent that the employee chooses to supplement his or her payments under paragraph (1) above with the charging of leave time. Such charging of leave time shall not be permitted to the extent that it results in the payment of more than 100% of salary or conflicts with section d below.
- c. Compensation and Benefits – After 1 Year. An employee who is compelled to be absent as the result of a compensable industrial injury after 1 year from the date of injury may elect one of the following:
- (1) To receive only those benefits provided under the Workers' Compensation Laws of the State of California.
 - (2) To receive the difference between sick leave pay which he or she would be entitled to receive pursuant to Section 3 below if his or her injuries had not arisen out of or in the course of his or her employment and Workers' Compensation Benefits, plus earnings from other employment. Election of this alternative means that full deductions will continue to be made. When sick leave has been exhausted, the employee may elect to receive alternative (1) or (3).
 - (3) To use any previously earned vacation, full-pay sick leave, or overtime, in order to receive payment equal to the difference between his or her salary and Workers' Compensation Benefits, plus earnings from other employment.

Election of this alternative means that full deductions will continue to be made. Upon expiration of all such benefits, the employee may elect to receive alternative (1) or (2) above.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 22

LEAVES OF ABSENCE FOR SICKNESS OR INJURY

- d. Crediting Previously Used Vacation, Sick Leave, or Overtime. In the event an employee is absent due to an injury and the absence is charged to any previously earned vacation, sick leave, or accumulated overtime, and subsequently the injury is determined to be compensable by the Workers' Compensation Appeals Board, such vacation, sick leave, or overtime shall be restored to the employee in accordance with subsection b(4). However, if full restoration of leave time were to result in an employee owing AQMD money, that employee shall have the option of choosing a partial restoration of leave time. The purpose of the partial leave time restoration shall be to remove the employee's potential debt, if possible, without resulting in any additional payment to him or her. When different types of leave time are restored, restoration of each type of leave time shall be based on the percentage relationships among the various types of leave time charged during the period under consideration.
- e. Limitations on Earning and Carry-over of Vacation, Sick Leave and Overtime. Employees who are absent under provisions of subsection c(1) of this section shall not earn any vacation or sick leave for the duration of such absence.
- f. Leave With Pay for Medical Treatment. Leave with pay for medical treatment may be permitted for short periods of time when temporary disability payments pursuant to this section of the Labor Code are not made.

Section 2. The employee shall notify AQMD by Registered Mail of his or her address if changed from the address in the employee's personnel record or if changed at any time during this leave of absence. The employee shall give AQMD reasonable notice in advance of the date of his or her return to work and shall, upon return to work, be assigned to his or her former position or a comparable position. Employee shall be physically able to perform the duties of his or her former position or comparable position in order to be returned to work, but AQMD shall make reasonable effort to place the employee in a position in which the employee is capable of performing to the same standard as other employees in that classification.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 22

(*Salary Resolution*, Section 43, "Leave for Sickness or Injury")

LEAVES OF ABSENCE FOR SICKNESS OR INJURY

Section 3. Leave For Sickness or Injury.

a. Eligibility for Sick Leave.

- (1) Except as provided in this section, any person holding a position created by this MOU shall be considered eligible for sick leave as provided hereby, and may utilize such sick leave when compelled to be absent because of disability resulting from sickness, injury, or pregnancy.
- (2) Employees not eligible for sick leave pursuant to the provisions of this section include those employed on an hourly basis or employed for less than 1/2 time.

b. Sick Leave at Full Pay - General Provisions.

- (1) Effective October 18, 1999, all full-time eligible employees and eligible employees exempted for a medical condition from the 4/10 work schedule who are regularly scheduled to work a minimum of four 8-hour days per week shall accrue 3.8462 working hours of sick leave at full pay for each pay period of continuous service, as long as the 4-day work week is in effect. In the event a 5-day work week is established, the accrual rate will be 3.6924 hours of sick leave per pay period. Other less than full-time employees shall earn a pro-rated amount based on the number of hours they are regularly scheduled to work per pay period.
- (2) For the first 12 months of any industrial or nonindustrial leave of absence, employees will continue to accrue sick leave benefits at the rate of 3.8462 hours per pay period. In the event a 5-day work week is established, the accrual rate will be 3.6924 hours of sick leave per pay period. In the case of all other leaves of absence, sick leave accrual rate for represented employees will be earned on each hour of paid time only, exclusive of overtime. Employees who are on industrial or nonindustrial leave of absence beyond 12 months shall accrue sick leave on each hour of paid time only, exclusive of overtime.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 22

LEAVES OF ABSENCE FOR SICKNESS OR INJURY

- (3) For the purpose of this section, an employee's continuous service shall be deemed to begin on the first day of the pay period in the event his or her actual continuous service begins on or before the 7th day of the pay period, and shall be deemed to begin on the 1st day of the following pay period in the event his or her actual continuous service begins on or after the 8th day of the pay period.
 - (4) For employees hired before July 1, 1980, sick leave at full pay may be accumulated to a maximum of 1,920 hours. Employees in the Professional Unit hired after September 1, 1980, may accumulate sick leave at a full pay to a maximum of 960 hours.
 - (5) Sick leave at full pay shall be deemed used in the reverse order in which it was earned; that is, the most recently earned sick leave time shall be used first.
- c. Sick Leave at Full Pay - Special Provisions.
- (1) In addition to other authorized uses, an employee may use accrued sick leave at full pay for:
 - (a) Nonemergency medical or dental care, or
 - (b) Any personal reason that does not interfere with the public service mission of AQMD to a maximum of 4 working days per 26-pay-period year beginning with pay period #2.
 - (2) Upon termination from AQMD service, an employee who holds a permanent full-time position and who has at least 5 years of continuous service shall receive a lump sum payment for accumulated sick leave at full pay to a maximum of 720 hours. Such lump sum shall be computed by multiplying the hourly rate at the date of termination by the sick leave balance which results from the sum of:
 - (a) All unused sick leave at full pay accumulated prior to January 1, 1971; plus
 - (b) 1/2 of all unused sick leave at full pay accumulated on or after January 1, 1971.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 22

LEAVES OF ABSENCE FOR SICKNESS OR INJURY

Employees in the Professional Unit hired after July 1, 1980, shall receive a lump sum payment calculated in the same manner as other employees, except payment shall be made only upon a nondeferred retirement. A nondeferred retirement shall be defined as a retirement for which the employee's effective date of retirement immediately follows his or her termination from AQMD service.

- (3) When an employee who holds a permanent full-time position and who has at least 5 years of continuous service is granted a maternity leave of absence, she may elect to receive all or part of the benefits set forth in c(2) above as if said employee were terminating.
- (4) Any employee who is reinstated pursuant to these rules shall be entitled to have restored to him or her any previously earned and unused full-pay sick leave not previously paid for pursuant to the above. This provision shall not apply to part-time employees or temporary employees.
- (5) Any employee who has held a permanent full-time position for 26 pay periods and has not used *more than any 20 hours* of his or her accrued sick leave ~~for any reason~~ during the 26 pay periods constituting a payroll year shall have the option of selling back to AQMD 40 hours of unused sick leave and carrying over the remainder of accrued sick leave earned. For purposes of this section, the payroll year shall be understood to begin with the pay period applicable to the first pay day in January and end with the pay period applicable to the last pay day in December. *Prior to the start of the payroll year, but no earlier than December 1, employees will be notified of the start date of the first pay period for the next payroll year and the requirements to remain eligible to sell-back up to 40 hours of unused sick leave for the next payroll year.* In order to be eligible for such a sell-back, the employee must have earned 96 hours of sick leave during the payroll year. *[Italicized text indicates changes made by 2021 Terms and Conditions.]*

In order to be eligible to sell back sick leave time, the employee must notify AQMD of his or her intention no later than February 15 of each year with respect to sick time accrued the previous year. Said notification shall be made in the manner prescribed by management.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 22

LEAVES OF ABSENCE
FOR SICKNESS OR
LEAVES OF ABSENCE
INJURY

d. Limitation on Sick Leave.

- (1) When an employee has exhausted all sick leave benefits to which he or she may be entitled under paragraphs a through c, and in the event that he or she does not return to work, he or she shall not be entitled to sick leave benefits, except as may be provided in paragraph e.
- (2) A person who is compelled to be absent because of sickness or injury, or for nonemergency medical or dental care, may elect to take time off on vacation or compensatory time from overtime or holidays worked rather than sick leave.
- (3) No compensation shall be paid under this Section for any period in excess of the time such person has been in AQMD service.
- (4) Sick leave compensation for persons employed on an hourly basis shall be computed on a 5-day work week basis of 40 hours, unless such person actually works more than 5 days per week (40 hours).

e. Continuous Absences Due to Illness or Injury.

- (1) In addition to the sick leave benefits to which an employee is entitled under paragraphs a through d of this section, the Executive Officer may grant to an employee on continuous absence because of sickness or injury, if said employee has exhausted all sick leave benefits to which said employee is otherwise entitled, no more than 2 additional years of benefits as provided for in paragraphs a through d above; provided, however, no compensation shall be paid under this section for any period of time in excess of the time such person has been in AQMD service. In exercising his or her discretion, the Executive Officer may require a medical reevaluation of the employee's medical condition.
- (2) A person on a continuous absence because of sickness or injury whose leave begins in one calendar year and extends into the next calendar year shall continue to receive compensation for any remaining sick leave in the next calendar year until such sick leave has been exhausted. Such person shall not be allowed additional sick leave, except as provided in paragraphs (1) and (2) in this subsection.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 22 LEAVES OF ABSENCE FOR SICKNESS OR INJURY

- f. Part-Pay Sick Leave. Notwithstanding any other provisions of this MOU, any employee who was employed by AQMD on July 1, 1976, who on June 30, 1976, was an employee of a county and on the basis of his or her service was entitled to part-pay sick leave, shall be entitled to the same amount of part-pay sick leave as he or she was entitled to on June 30, 1976.
- g. Employees in their probationary period shall be entitled to take sick leave on the same basis as other employees.

Section 4. Leaves of Absence for Nonindustrial Illness, Injury, or Pregnancy. All employees who have completed their probationary period and in the event of nonindustrial illness, injury, or pregnancy may be granted a leave of absence without pay for a period of up to 12 calendar months.

AQMD may require medical evidence of such nonindustrial illness, injury, or pregnancy necessitating such leave of absence. AQMD agrees that such time off may be extended in writing by mutual agreement between AQMD and the employee. In order to remain on leave of absence for nonindustrial illness, injury, or pregnancy, the employee may be called upon to present AQMD with a licensed physician's certificate verifying that such nonindustrial illness, injury, or pregnancy is continuing to disable the employee from performing his or her duties.

In addition, the employee is required to notify AQMD by Registered Mail of his or her address within 60 calendar days if there is a change of address from the last address in AQMD personnel files. Any employee returning to work shall give AQMD reasonable advance notice of the date of return to work and such employee shall be assigned, upon return to work, to his or her former position or to a comparable position.

AQMD shall not be required to reinstate any employee who is physically unable to perform the necessary duties of such position, but AQMD shall make reasonable effort to place the employee in a position in which the employee is capable of performing to the same standard as other employees in that classification.

(Salary Resolution, Section 47, "Proof of Absence")

Section 5. Proof of Absence. Any employee absent due to sickness, injury, pregnancy, quarantine, nonemergency medical or dental care, or on any of the leaves provided for in Article 23 may be required, before such absence is authorized or payment is made, to furnish a doctor's certificate or other proof satisfactory to his or her appointing authority that his or her absence was due to such causes. AQMD shall not unreasonably require medical certification as proof of absence.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 23

OTHER LEAVES OF ABSENCE

Section 1. Bereavement Leave. Apart from full-pay sick leave provisions, any employee employed in a full-time permanent position who is compelled to be absent from duty because of the death of his or her father, mother, stepfather, stepmother, *stepsiblings*, mother-in-law, father-in-law, sister, brother, spouse, children or stepchildren, grandmother, grandfather, grandchildren, or domestic partner (subject to *South Coast AQMD* domestic partner certification requirements) ~~shall be allowed the time necessary to be absent from work at regular pay for not more than three working days in any fiscal year for each occurrence~~ in any fiscal year, for each occurrence, be allowed the time necessary to be absent from work at regular pay for three working days; or for four consecutive working days if out-of-town travel is required. *South Coast AQMD* may require reasonable proof, satisfactory to *South Coast AQMD*, of such absence upon return and before payment is made, that the absence was due to such cause. *[Italicized text indicates changes made by 2021 Terms and Conditions.]*

Section 2. Examinations. Any employee shall be allowed time necessary to be absent from work at his or her regular pay to participate in examinations for positions within AQMD.

Section 3. Jury Duty. Effective May 9, 1997, employees in full-time positions and employees exempted for a medical condition from the 4/10 work schedule who are regularly scheduled to work a minimum of four 8-hour days per week ordered to serve on a jury shall be allowed the necessary time to be absent from work for a maximum of 8 work days (i.e., two 4-day work weeks) per calendar year at their regular pay, provided they deposit with AQMD any fees received for jury service time that falls on a regularly scheduled work day. Employees required by the court to perform jury service for more than 8 work days in a calendar year may present a hardship request to the DEO/Technical Support Services to receive pay for the additional service days.

Section 4. Military Leave. Any employee who has minimum of 1 year of service shall be allowed a military leave of absence with pay in accordance with the policy below and with applicable provisions of law, including, but not limited to, those contained in this MOU and the California Military and Veterans Code.

Temporary Duty.

Any employee who is a member of the reserve corps of the Armed Forces, National Guard, or Naval Militia shall be entitled to temporary military leave of absence for the purpose of active duty, in accordance with federal and State law. Employees meeting the above 1 year employment requirement shall be entitled to receive their regular salary or compensation for the first 30 calendar days of any such temporary leave, in addition to their military pay, as provided for in the Military

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 23

OTHER LEAVES OF ABSENCE

and Veterans Code. Pay for such purpose shall not exceed 30 days in any 1 fiscal year and shall be paid only for the employee's regularly scheduled workdays.

Employees eligible to receive the 30 calendar day military leave compensation as stipulated by law shall, in addition, receive the difference between their regular AQMD salary and their military salary starting on the 31st calendar day of military leave. This additional compensation shall continue for up to 690 calendar days of active military service beyond the 30 days provided for in this section. During this 690-day period, AQMD will continue vacation, sick leave, holiday, salary step advance, and other benefits as if there were no interruption of AQMD service on the part of the employee. These provisions apply to employees who have been employed by AQMD for at least 1 year immediately prior to the date such leave begins.

Pay under this subsection shall only be paid once, for a maximum of 720 days for each leave, and shall only be paid for the employee's regularly scheduled work days.

This compensation provision applies only to active military duty and does not include an employee's attendance at weekend reserve meetings or drills. Employees must use their own time to attend such meetings. Should the meetings unavoidably conflict with an employee's regular working hours, the employee may use vacation or holiday leave, leave without pay, or other leave time, except for regular sick leave. Employees who are called in for a medical examination to determine physical fitness for military duty may also use vacation leave, leave without pay, or other leave time. The 30-day compensation provision also applies to an employee on military leave other than temporary military leave who is ordered into active military duty or is inducted, enlists, or is otherwise called into active military duty.

A copy of military orders must accompany the request-for-leave form. Employees should note that the Accidental Death and Dismemberment (AD&D) policy contains a war exclusion.

Employees who are eligible for military leave compensation will be placed on a leave of absence with right of return to their positions or to comparable positions.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 23

OTHER LEAVES OF ABSENCE

Section 6. Witness Leave. Full-time permanent employees required to be absent from work by a subpoena properly issued by a court or an agency or commission legally empowered to subpoena witnesses, which subpoena compels their presence as a witness, except as a party or as an expert witness, shall be allowed the time necessary to be absent from work at their regular pay to comply with such subpoena, provided they deposit their fees received for such service with AQMD.

Full-time permanent employees required by ordinance, rule, or charter to be absent from work to represent themselves at an administrative proceeding at which their individual employment or pay status is at issue, shall be allowed the time necessary to be absent from work at their regular pay.

“Time necessary to be absent from work,” as used in this section, does not include any time during which the employee is “on call” or his or her presence in a proceeding is not required.

Section 7. Catastrophic Leave. Effective January 11, 1998, Employees may request paid catastrophic leave for personal emergencies once they have exhausted all of their own available paid time (with the exception of organ donations). If approved, paid leave time will be drawn from a catastrophic leave fund comprised of paid time donated by bargaining unit members. Donations of leave time shall be permitted from one bargaining group or unrepresented employees to another bargaining group.

Catastrophic leave requests must be approved by the joint bargaining unit-management committee established to review catastrophic leave requests.

Effective the last pay period beginning in December 2005, bargaining unit members may, at their discretion, donate accrued leave hours (except for sick leave) in excess of 200 hours. Donations may be made twice yearly, during the last pay period that begins in December and during the first pay period that begins in July, or during any other pay period in the year, as needed, with the approval of the Executive Officer. The dollar value of donated hours in the fund will be computed by multiplying the number of hours donated by the employee’s current regular hourly pay rate. Employees drawing paid leave time from the fund will draw at their current regular hourly pay rate. The catastrophic leave fund balance may not exceed \$50,000.

Section 8. An employee selected to be a bone marrow donor shall utilize up to five (5) days of accrued leave, and for an organ donation up to two weeks (8 business days) of accrued leave, before AQMD shall pay the employee’s regular pay for up to a maximum leave of absence

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 23

for an organ donation of thirty (30) business days. Payment satisfying the requirements of this section shall come from the AQMD Catastrophic Leave Fund.

OTHER LEAVES OF ABSENCE

ARTICLE 24

(*Salary Resolution*, Section 46, “Restoration of Salary or Earned Paid Leaves of Absence”)

RESTORATION OF SALARY OR EARNED PAID LEAVES OF ABSENCE

Section 1. Restoration of Salary or Earned Paid Leaves of Absence.

- a. In the event employees are ordered to absent themselves from the job based on probable cause and it is subsequently determined by a finding of the Executive Officer or designee that cause did not exist for the ordered absence, employees shall have restored to them any paid leaves of absence against which such absence may have been charged, and they shall be granted a retroactive leave of absence with pay for the time during which they were prohibited from performing the duties of their positions, less any compensation paid to them by AQMD during such ordered absence.
- b. In the event an employee is reduced, suspended, and/or discharged and upon appeal the Hearing Officer does not sustain such reduction, suspension, and/or discharge, the employee shall be entitled to his or her base rate of salary, vacation, and sick leave as if such unsustained reduction, suspension, or discharge had not been invoked. However, in no event shall an employee be entitled to any salary or credit for vacation and sick leave for any period of time covered by a suspension sustained by the Hearing Officer, or for any period of time waived by the employee as a condition to the granting of a continuance of his or her hearing.
- c. If during absences for which employees are paid pursuant to this section, they earned any money which they would not have earned had they continued to perform the duties of their positions, such sums shall be deducted from the salary otherwise payable to them pursuant to this Section.

ARTICLE 25

Section 1. AQMD and the employees of AQMD agree to comply with all applicable federal and State laws which relate to health and safety.

SAFETY AND HEALTH

Section 2. AQMD will make every reasonable effort to provide and maintain a safe and healthy place of employment.

Section 3. In accordance with law, AQMD will provide safety equipment where required by law or regulations for the safe performance of assigned duties. Employees to whom such equipment is

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 25

SAFETY AND HEALTH

issued will wear or use the equipment when required and each will be responsible for the equipment issued. Employees shall adhere to AQMD rules regarding the use, maintenance, and replacement of safety equipment. Employees requiring such equipment will notify AQMD and AQMD will provide the necessary equipment.

Effective January 1, 1992, employees required to wear safety shoes will receive an allowance of \$80 per year.

Section 4. The parties agree to eliminate smoking from all areas inside AQMD facilities and to designate smoking areas outside AQMD facilities, as determined by management.

ARTICLE 26

EMPLOYEE PARKING AND RIDESHARE

(*Administrative Code*, Section 162, "Employee Parking")

Section 1. AQMD shall, consistent with its present practice, provide employee parking as far as practicable.

Section 2. Once a month, bargaining unit employees who rideshare and who qualify under rules in effect in the 1988-1991 MOU, except those designated by management as ineligible because of their SCAQMD vehicle assignments, will be paid \$25. All employees, are eligible to receive either this payment or rideshare incentive payments.

ARTICLE 27

TRAINING

Section 1. Management and the Union recognize the importance of training employees covered by this Agreement. Management agrees to continue divisional in-service training programs which management considers to be effective and of significant value to AQMD and to employees covered by this Agreement. Management agrees to make information concerning any new in-service training programs available to employees and, upon request, to the Union.

Section 2. Tuition Reimbursement. The objective of the program is to aid employees in career development within the scope of AQMD service.

The Executive Officer, or designee, shall administer AQMD's Tuition Reimbursement Program. Tuition reimbursement will apply to any class taken to qualify for a degree, if that degree is pursued to meet the minimum requirements for another classification for which the employee plans to apply. Classes that are job related or of benefit to AQMD will be reimbursed whether or not they apply to a degree.

Applications for tuition reimbursement must be reviewed and approved by the employee's Designated Deputy.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 27

TRAINING

An employee of AQMD, who has been appointed to a full-time permanent position, is eligible to apply for tuition reimbursement. Employees must successfully pass courses with a grade of “C” or better (or a “pass”, if a “pass/no pass” system) in order to be reimbursed. Effective for classes beginning August 15, 1991, or later, employees eligible for tuition reimbursement shall be entitled to receive a maximum of \$1,000 per calendar year. Under no condition will the amount exceed \$1,000 per calendar year.

The necessary financing for reimbursement of employees shall be determined by the AQMD Board in the annual budget.

Section 3. The Union shall provide AQMD with a list of programs and seminars for improvement of skill and knowledge for members of the Professional Unit. It is not the intent of the parties to increase the amount available for training programs but to make training programs available to a broader group of members of the bargaining unit at no increase in cost to AQMD in time or financial commitment.

Section 4. Individual employees may request approval to attend specific job-related seminars or courses relevant to their professional development for the mutual benefit of the employee and AQMD. Such requests must be submitted in writing through the employee’s immediate supervisor and are subject to the approval of the Designated Deputy and the Designated Deputy over Administrative and Human Resources.

Section 5. ~~For fees paid on and after January 1, 2013, South Coast AQMD shall reimburse an employee for their two-year biennial renewal fee for a Professional Engineer’s license to a maximum of \$150.00, pursuant to the Fee Schedule established by the California Department of Consumer Affairs, Board of Professional Engineers, Land Surveyors, and Geologists.~~

ARTICLE 28

EMPLOYEE PAYCHECKS

Section 1. The Union acknowledges that AQMD administers the payroll system on behalf of employees. The Union further acknowledges that errors may occur in the processing of warrants and that AQMD is limited to correcting such errors by the system so implemented.

Section 2. Pay Period. The Union acknowledges that AQMD has implemented a biweekly pay system which provides 26 paydays within a calendar year. The Union further acknowledges that paydays will be alternate Wednesdays, 10 calendar days after the close of each pay period.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 28

EMPLOYEE PAYCHECKS

Section 3. Underpayments and Errors. Within limitations set forth in Section 1 above, management will endeavor to rectify, as far as practicable, a significant underpayment or error on an employee's payroll warrant. Such correction shall be made within 3 calendar days of issuance of warrant, exclusive of Saturdays, Sundays, and legal holidays, upon request of the affected employee through the payroll section of AQMD.

Management will endeavor, within the limitations set forth in Section 1, to rectify significant underpayments or errors on an employee's payroll warrant issued for extraneous pay, such as overtime, special bonus, etc., within 1 calendar day of issuance of warrant, exclusive of Saturdays, Sundays, and legal holidays, upon request by the affected employee through the payroll section of AQMD.

Section 4. Management will attempt to make termination payoffs within 15 business days from the date of termination.

ARTICLE 29

AQMD RIGHTS

Section 1. AQMD reserves, retains, and is vested with, solely and exclusively, all rights of management which have not been expressly abridged by specific provision of this MOU or by law, to manage AQMD, as such rights existed prior to the execution of this MOU. The sole and exclusive rights of management, as they are not abridged by this Agreement or by law, shall include (but not be limited to) the following rights:

To manage AQMD generally and to determine the issues of policy

To determine the existence or nonexistence of facts which are the basis of the management decision

To determine the necessity and organization of any service or activity conducted by AQMD and expand or diminish services

To determine the nature, manner, means, technology, and extent of services to be provided to the public

To determine methods of financing

To determine types of equipment or technology to be used

To determine and/or change the facilities, methods, technology, means, and size of the work force by which AQMD operations are to be conducted

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 29

AQMD RIGHTS

To determine and change the number of locations, relocations, and types of operations, processes, and materials to be used in carrying out all AQMD functions, including (but not limited to) the right to contract for or subcontract any work or operation of AQMD without prejudice to the right of the Union to meet and confer regarding the impact and effect of such decision

To assign work and schedule employees in accordance with requirements as determined by AQMD and to establish and change work schedules and assignments, in accordance with Article 5 of this MOU

To relieve employees from duties for lack of work or similar nondisciplinary reasons

To establish and modify productivity and performance programs and standards

To discharge, suspend, demote, or otherwise discipline employees for proper cause

To determine job classifications and to reclassify employees

To hire, transfer, promote, and demote employees for nondisciplinary reasons in accordance with this MOU and applicable Resolutions and Codes of AQMD

To determine policies, procedures and standards for selection, training, and promotion of employees

To establish employee performance standards including, but not limited to, quality and quantity standards, and to require compliance therewith

To maintain order and efficiency in its facilities and operations

To establish and promulgate and/or modify rules and regulations

To maintain order and safety in AQMD which are not in contravention with this Agreement

To take any and all necessary action to carry out the mission of AQMD in emergencies

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 29

AQMD RIGHTS

Section 2. Except in emergencies, or where AQMD is required to make changes in its operations because of the requirements of law, whenever the exercise of management's rights shall impact on employees of the bargaining units, AQMD agrees to meet and confer with representatives of the Union regarding the impact of the exercise of such rights, unless the matter of the exercise of such rights is provided for in this MOU or in *Personnel Rules*, *Salary Resolution*, and *Administrative Code*, which are incorporated into this Agreement. By agreeing to meet and confer with the Union as to the impact and the exercise of any of the foregoing District rights, management's discretion in the exercise of these rights shall not be diminished.

Section 3. Contracting Out. Should AQMD decide permanently to contract out any work presently being performed by bargaining unit employees resulting in any displacement of AQMD employees, AQMD shall meet and confer with the Union over the impact of such contracting out and discuss placement of those employees displaced by such permanent contracting out.

ARTICLE 30

EMPLOYEE ORGANIZATIONAL RIGHTS AND RESPONSIBILITY

Section 1. Dues Deduction. AQMD shall make deductions in accordance with Article 46. AQMD shall submit such funds to the Union within 30 days following the deductions.

Section 2. Indemnification. The Union agrees to hold AQMD harmless and indemnify AQMD against any claims, causes of action of lawsuits arising out of the deductions or transmittal of such funds to the Union, except the intentional failure of AQMD to transmit moneys deducted from employees to the Union pursuant to this Article.

ARTICLE 31

EMPLOYEE LIST AND NEW HIRE ORIENTATION

Section 1. In a manner consistent with the California Public Records Act, SCAQMD shall provide the Union the name, job title, department, work location, work, home, and personal cellular telephone numbers on file, personal email addresses on file, and home address of any newly hired employee in its bargaining unit within 30 days of the date of hire or by the first pay period of the month following hire.

Section 2. In a manner consistent with the California Public Records Act, SCAQMD shall provide the Union with the name, job title, department, work location, work, home, and personal cellular telephone numbers on file, personal email addresses on file, and home address of all employees in its bargaining unit at least every 120 days.

Section 3. New Hire Orientation. As part of the onboarding process, new hires will be provided release time to attend a new hire orientation by the Union. The scheduling of the new hire orientation will be by mutual agreement between the Union and Human Resources.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 32

UNION VISITATION RIGHTS

Section 1. Authorized Union representatives may be given access to work locations during working hours to conduct grievance investigations and observe working conditions. An authorized representative desiring access to a work location hereunder shall state the purpose of his or her visit and request the Designated Deputy over Administrative and Human Resources' authorization at least 24 hours before the intended visit, unless the parties mutually agree to waive notice.

While at AQMD facilities, the Union representative shall agree to observe the same security, conduct, and safety rules and regulations of AQMD as other visitors and shall not unduly interfere with the performance of work by any employee or group of employees.

The Union shall give the Designated Deputy over Administrative and Human Resources and other affected designated deputies a written list of all authorized representatives, which list shall be kept current by the Union. Access to work locations will only be granted to Union representatives on the current list. Locations where Union representatives may be granted permission to enter shall include, and be limited to, all AQMD property locations where employees are employed.

ARTICLE 33

BULLETIN BOARDS

Section 1. AQMD will furnish bulletin board space on 1 existing bulletin board at each facility where there are 5 or more employees who are represented by the Union. At headquarters, AQMD will furnish enclosed, locked bulletin board space on each floor.

The bulletin boards shall be used for the following subjects only:

- a. Union recreational, social, and related Union news bulletins
- b. Scheduled Union meetings
- c. Information concerning Union business, including Union newsletters or reports of committees or the Board of Directors
- d. Reports of official Union business, including Union newsletters or reports of committees or the Board of Directors
- e. Any other written material which first has been approved and initialed by the designated AQMD representative at each facility.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 33

BULLETIN BOARDS

The designated AQMD representative must either approve or disapprove a request for posting within 24 hours, excluding Saturdays, Sundays, and legal holidays, from the receipt of the material and the request to post it.

The designated AQMD representative shall not unreasonably withhold permission to post.

ARTICLE 34

STEWARDS

Section 1. AQMD agrees to recognize 5 stewards selected by the Union in the Professional Bargaining Unit. AQMD also agrees to recognize 1 alternate steward for each steward permitted above, who shall serve in the absence of the steward.

Stewards shall recognize that they have regular full-time duties as employees of AQMD and shall conduct themselves in accordance with the requirements imposed upon all employees of AQMD.

The Union shall have the responsibility to notify AQMD in writing of the names of its duly authorized stewards. AQMD shall have no obligation to recognize or deal with any employee as a steward unless he or she is on the designated steward list.

While on AQMD time, the duties of the stewards shall be limited to assisting an employee, upon request of the employee, in filing and processing a grievance. Stewards shall spend only the time necessary to expeditiously carry out their functions as stewards and shall not unduly restrict or interfere with the performance of their own duties.

Stewards may leave their immediate work locations to perform these duties; however, stewards shall first obtain permission from their immediate supervisor to leave the area and shall inform the supervisor of the reason for their leaving the area. The supervisor shall be responsible for maintaining time records of the amount of time stewards spend in the performance of their steward duties.

The Union and AQMD agree to review the amount of time spent by stewards in the performance of their duties on a biannual basis, to determine whether the stewards are observing the provisions of this Article.

Upon entering a work location, a steward shall inform the supervisor in charge of the area of the nature of his or her business.

The steward shall minimize the amount of interference with AQMD work in the performance of his or her duties.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 34

At any time, AQMD may request to consult with the Union regarding the application of this procedure.

STEWARDS

Stewards shall not log compensatory time, overtime, or premium pay time for time spent performing any function as a steward.

Stewards shall represent employees on grievable matters within their assigned office only. In cases when someone other than the Union is representing a grievant, or the grievant is a steward, and the grievance is directly related to the MOU provisions, a member of the Union's Board for the applicable bargaining unit may attend the grievance hearing.

ARTICLE 35

NO STRIKE – NO LOCKOUT PROVISION

Section 1. Prohibited Conduct.

- a. The Union, its officers, agents, representatives, and/or members agree that during the term of this Agreement they will not cause or condone any strike, walkout, slowdown, sick-out, or any other job action by withholding or refusing to perform services.
- b. AQMD agrees that it shall not lock out its employees during the term of this Agreement.
- c. Any employee who willfully participates in any conduct prohibited in paragraph a. above shall be terminated by AQMD.
- d. If the Union fails, in good faith, to perform all responsibilities listed below in Section 2.a, AQMD may pursue such legal remedies as may be available under the Employee Relations Resolution and the law.

Section 2. Union Responsibility.

- a. In the event the Union, its officers, agents, representatives, or members engage in any of the conduct prohibited in Section 1.a above, the Union shall, upon written notice sent to the Principal Authorized Agents of the Union, immediately instruct persons engaging in such conduct that their conduct is in violation of this MOU and they must immediately cease engaging in conduct prohibited in Section 1.a above and return to work.
- b. If the Union performs all of the responsibilities set forth in Section 1.a above in good faith, the Union, its officers, agents, and/or representatives shall not be liable for damages for prohibited conduct performed by employees covered by this Agreement who are in violation of Section 1 above.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 36

GRIEVANCE, DISCIPLINARY APPEAL, AND HEARING OFFICER PROCEDURES

Section 1. Definition of a Grievance. A grievance shall be defined as a timely complaint by an employee or group of employees or the Union concerning the interpretation or application of specific provisions of this MOU or of the *Personnel Rules, Salary Resolution, Administrative Code, and Administrative Policies and Procedures* governing personnel practices or working conditions of AQMD. *Line grievances* involve complaints relating to actions or decisions by line supervisors. *Administrative grievances* relate to actions or decisions by other than line supervisors, e.g., by Human Resources or Finance staff.

No employee shall suffer any reprisal because of filing or processing of a grievance or participating in the grievance procedure.

On group grievances, a maximum of two employees may represent employees involved.

Grievance matters by employees represented by the Union must be reviewed and processed by the Union prior to submission to the grievance procedure.

Employees shall have the right of representation by a Union labor relations representative and a Union steward at the first through the third steps of the line grievance process, and at the first and second steps of the administrative grievance process.

The parties agree that no settlement of any grievance shall in any manner whatsoever change, alter, or amend specific provisions of this Agreement or any provisions of the Personnel Rules, Salary Resolution, Administrative Code, and Administrative Policies and Procedures of AQMD.

Section 2. Business Days. Business Days means calendar days exclusive of Saturdays, Sundays, Mondays and legal holidays recognized by AQMD.

Section 3. Time Limits for Filing Written Formal Grievances. Every effort should be made to resolve grievances informally before formal action is taken. However, any delay in completing the informal grievance process shall not extend the time for filing a formal grievance. The time limits for filing written formal grievances shall be strictly construed, but may be extended by mutual agreement evidenced by a written request signed by a duly authorized representative of AQMD and the grieving party.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 36

GRIEVANCE, DISCIPLINARY APPEAL, AND HEARING OFFICER PROCEDURES

Failure of the grieving party to comply with any of the time limits set forth hereunder shall constitute a waiver and bar further processing of the grievance. Failure of AQMD to comply with the time limits set forth in this Article shall automatically move the grievance to the next step in the Grievance and Hearing Officer Procedure. The grieving party may request the assistance of the Union in presenting a grievance at any step of review or may represent himself or herself. Grievances shall be presented on AQMD time.

Section 4.

- a. Step 1. Line Grievance. Immediate Supervisor and Manager. An employee must first attempt to resolve a line grievance by meeting and discussing the grievance with his or her immediate supervisor and manager without undue delay. Every effort shall be made to find an acceptable solution to the grievance by these means at the most immediate level of supervision. The immediate supervisor or manager shall render a decision in writing regarding the merits of the grievance and return it to the grievant within 5 business days after meeting with the grievant.

If the immediate supervisor or manager does not render a judgment within 5 business days, the meeting for the next grievance step with the respective Designated Deputy and/or management-level designee shall be scheduled by the grievant or the grievant's representative to occur at the earliest practicable date. An employee who fails to meet with his or her immediate supervisor and manager shall forfeit the grievance.

In order that this procedure may be responsive, all parties involved shall expedite this process. In no case may more than 20 business days elapse between the date of the alleged incident giving rise to the grievance or the date the grievant knew or should have reasonably become aware of the facts giving rise to the grievance, and the filing of a written grievance with the Designated Deputy and management-level designee.

Should the grievant fail to file a written grievance on a form, to be mutually agreed to by AQMD and the Union, within 20 business days from the date of the incident giving rise to the grievance, the grievance shall be barred and waived.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 36

GRIEVANCE, DISCIPLINARY APPEAL, AND HEARING OFFICER PROCEDURES

- b. Step 1. Administrative Grievance. Designated Deputy over Administrative and Human Resources. Administrative grievances must be filed in writing with the Designated Deputy over Administrative and Human Resources within 20 business days of the alleged incident giving rise to the grievance or of the date the grievant knew or should reasonably have become aware of the facts giving rise to the grievance.

The Designated Deputy over Administrative and Human Resources will schedule a meeting with the grievant and/or grievant's representative within 16 business days. Should the Designated Deputy fail to schedule the meeting within the above timeframes, the grievance will advance to the next step. The Designated Deputy over Administrative and Human Resources shall render a decision in writing within 12 business days of hearing the grievance unless an investigation is needed, then an additional 8 business days can be used.

If the Designated Deputy does not render a written decision within 12 business days of the hearing, or 20 business days of the hearing if an investigation is needed, the grievance will advance to the next step. If the grievance is not resolved at this step, the meeting for the next grievance step with the Management Grievance Committee shall be scheduled by the grievant or the grievant's representative to occur at the earliest practicable date.

- c. Step 2. Line Grievance. Designated Deputy and/or Management-level Designee. If the grievance is not resolved through Step 1 and a written grievance is filed within the time limits set forth above, the grievant shall meet and discuss the grievance with the respective Designated Deputy and/or management-level designee.

The Designated Deputy or management-level designee will schedule a meeting with the grievant and/or grievant's representative within 16 business days. Should the Designated Deputy or management-level designee fail to schedule the meeting within the above timeframes, the grievance will advance to the next step.

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The Designated Deputy or management level-designee shall render a decision in writing regarding the merits of the grievance and return it to the grievant within 12 business days after hearing the grievance unless an investigation is needed, then an additional 8 business days can be used.

If the Designated Deputy or management-level designee does not render a written decision within 12 business days of the hearing, or 20 business days of the hearing if an investigation is needed, the grievance will advance to the next step. If the grievance is not resolved at this step, the meeting for the next grievance step with the Management Grievance Committee shall be scheduled by the grievant or the grievant's representative to occur at the earliest practicable date.

d. Step 3. Line Grievance.

Step 2. Administrative Grievance.

Management Grievance Committee. If the grievance is not resolved in the above steps within 10 business days from receipt of the written response, the hearing with the Management Grievance Committee shall be scheduled by the grievant or the grievant's representative. The Committee shall consist of 4 management representatives designated by the Executive Officer. If the grievance is not submitted to the Management Grievance Committee, it shall be barred and waived. The Committee will attempt to schedule a meeting with the grievant and/or grievant's representative within 16 business days. Should the Committee fail to schedule the meeting within the above timeframes, the grievance will advance to the next step. The Committee will render its decision based on the information presented at the meeting and follow-up investigation within 16 business days. If the Committee does not render a written decision within 16 business days of the hearing, the grievance will advance to the next step.

In the event the decision of the Management Grievance Committee does not, in the view of the grievant, resolve the matter, the Union and the AQMD may agree to mediation.

If the Union and the AQMD do not agree to mediation, the grievance may be referred to the next step of the grievance procedure (Hearing Officer) and shall be immediately scheduled by the grievant or the grievant's representative to occur at the earliest practicable date.

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GRIEVANCE, DISCIPLINARY APPEAL, AND HEARING OFFICER PROCEDURES

- e. Mediation. If the line or administrative grievance is not resolved at Step 3 or Step 2, respectively, the written grievance may, by mutual agreement of the Union and AQMD, be referred to mediation. The Mediator shall be chosen by mutual agreement of the Union and AQMD. Mediation will be scheduled within 20 business days of the request by the grievant at a time that is agreed to by AQMD and the Union, subject to mediator availability.

The mediation shall be conducted pursuant to Evidence Code Sections 1119-1126. Individual mediations will not exceed a period of 8 hours. Fees for mediation will be borne equally by the Union, the grieving party, and AQMD. If the grievance is not resolved through mediation, the grievant and the Union may refer the matter to the next step.

- f. Hearing Officer's Report and Recommendations in Specific Unresolved Grievances. If a grievance arising from discharge, suspension, demotion, promotion, individual application of salaries or layoff procedure, classification questions not requiring any additional appropriations by the governing body, individual application of transfer procedures, and/or employee medical evaluations is not resolved in Step 3 above, the grievant and the Union may request the Designated Deputy over Administrative and Human Resources or designee to appoint a Hearing Officer to hear evidence and make recommendations to the governing body of AQMD regarding the resolution of such grievances. The grievant and the Union must request the appointment of the Hearing Officer within 10 business days from the date the grievant has received the decision of the Management Grievance Committee. Failure of the grievant and the Union to request the appointment of a Hearing Officer within the time limits set forth above constitutes a waiver and bars the grievance, and the grievance will be considered settled on the basis of the last management grievance response.
- g. Within 10 business days after receipt of a request for the appointment of the Hearing Officer, the Designated Deputy over Administrative and Human Resources or designee, shall attempt to reach voluntary agreement with the grievant and the Union as to the appointment of a Hearing Officer. Failing to reach voluntary agreement within 10 business days of receipt of the request for the appointment of a Hearing Officer, the Designated Deputy over Administrative and Human Resources or designee shall obtain a list from the American Arbitration Association of 15 persons who are qualified to serve as Hearing Officer in the grievance procedure. Upon receipt of the list of 15 Hearing Officers from

SC-PEA MEMORANDUM OF UNDERSTANDING

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the American Arbitration Association, the parties shall meet to select a Hearing Officer from the list. The list of 15 shall serve as the list of persons to be used by AQMD and the Union for the term of the Agreement, unless otherwise agreed to by both parties.

- h. The hearing shall be conducted in accordance with the Voluntary Labor Arbitration Rules of the American Arbitration Association in cases involving disciplinary action, and the Hearing Officer shall use the standard of proper cause in determining the propriety of AQMD's conduct. The Hearing Officer shall not hear witnesses or take evidence out of the presence of the other party. The Hearing Officer shall be bound by the expressed terms and conditions of the MOU, as well as the Personnel Rules, Salary Resolution, Administrative Code, and Administrative Policies and Procedures of AQMD, in determining the validity of AQMD's action, and shall not have the authority to recommend any additions or subtractions from the MOU or any provisions of the Personnel Rules, Salary Resolution, Administrative Code, and Administrative Policies and Procedures of AQMD. The Hearing Officer shall be strictly bound by the time limits set forth in this grievance procedure.
- i. In the conduct of the hearing, the Hearing Officer, once chosen, shall hold the hearing to make findings of fact and recommendations to the parties within 30 calendar days of the Hearing Officer's appointment. The Hearing Officer shall be bound to render his or her findings and recommendations within 30 calendar days of the close of the hearing.

The Hearing Officer shall submit his or her findings and recommendations in writing to AQMD, the grievant, and the Union. The Hearing Officer's findings are advisory only and not binding on either party. Within 30 days after receiving the Hearing Officer's written findings and recommendations, the AQMD and the Union shall provide written notice stating whether they accept or reject the Hearing Officer's findings. The failure to provide this notice is deemed to be a rejection of the Hearing Officer's findings and recommendations.

After receiving notice of AQMD's rejection of the Hearing Officer's findings and recommendations, the grievant and the Union may then resort to a court of competent jurisdiction to pursue whatever other legal remedies are available to it under the provisions of this MOU.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 36

GRIEVANCE, DISCIPLINARY APPEAL, AND HEARING OFFICER PROCEDURES

- j. The cost of obtaining a panel of Hearing Officers from the American Arbitration Association and all costs of the hearing, including the cost of the Hearing Officer, shall be equally borne by AQMD and the Union. Each party shall bear the cost of its own attorney's fees.

Section 5. Definition of Discipline. Discipline shall be defined as an action by management which results in a written reprimand, suspension, demotion, or termination.

No employee shall suffer any reprisal because of filing or processing a disciplinary appeal or participating in the disciplinary appeal procedure.

On group disciplinary appeals, a maximum of two employees may represent employees involved.

Employees shall have the right of representation by a Union labor relations representative and a Union steward at the Management Disciplinary Appeal Committee step.

The parties agree that no settlement of discipline shall in any manner whatsoever change, alter, or amend specific provisions of this agreement or any provisions of the *Personnel Rules, Salary Resolution, Administrative Code, and Administrative Policies and Procedures* of AQMD.

Section 6. Time limits for filing written formal disciplinary appeals and time limits for responses to disciplinary appeals. Every effort should be made to resolve disciplinary appeals informally before filing a formal written disciplinary appeal. However, any delay in completing the informal process shall not extend the time for filing a formal disciplinary appeal. The time limits for filing written formal disciplinary appeals shall be strictly construed, but may be extended by mutual agreement, evidenced by a written request signed by the Designated Deputy over Administrative and Human Resources and the appealing party. These extensions shall contain new scheduled dates for the next disciplinary appeal deadline. The appealing party may withdraw a disciplinary appeal at any time, evidenced by a written statement signed by the appealing party. Disciplinary appeals shall be presented on AQMD time.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 36

DISCIPLINARY APPEAL, AND HEARING OFFICER PROCEDURES

Section 7. Disciplinary Appeal – Step 1 – Management Disciplinary Appeal Committee. A disciplinary appeal must be submitted within 10 business days from receipt of the disciplinary action document. The hearing with the Management Disciplinary Appeal Committee shall be scheduled by the appellant or appellant's representative. The Committee shall consist of 4 management representatives designated by the Executive Officer. If the disciplinary appeal is not submitted to the Management Disciplinary Appeal Committee, it shall be barred and waived. The Committee will schedule a meeting with the appellant and/or appellant's representative within 16 business days.

Should the Committee fail to schedule the meeting within the above time frames, the disciplinary appeal may be advanced to the next step. The Committee will render its decision within 16 business days, based on the information presented at the meeting and follow-up investigation. If the Committee does not render a written decision within 16 business days of the hearing, the disciplinary appeal may be advanced to the next step. In the event the decision of the Management Disciplinary Appeal Committee does not, in the view of the appellant, resolve the matter, the Union and the AQMD may agree to mediation. If the Union and the AQMD do not agree to mediation, the appeal may be referred to the next step of the disciplinary appeal procedure (Hearing Officer) and may be immediately scheduled by the appellant or the appellant's representative to occur at the earliest practicable date.

Section 8. Mediation. If the disciplinary appeal is not resolved at Step 1, the written appeal may, by mutual agreement of the Union and AQMD, be referred to mediation. The Mediator shall be chosen by mutual agreement of the Union and AQMD. Mediation will be scheduled within 20 business days of the request of the appellant at a time that is agreed to by AQMD and the Union, subject to mediator availability. The mediation shall be conducted pursuant to Evidence Code Sections 1119-1126. Individual mediations will not exceed a period of 8 hours. Fees for mediation will be borne equally by the Union, the appealing party, and AQMD. If the appeal is not resolved through mediation, the appellant and the Union may refer the matter to the next step.

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ARTICLE 36

GRIEVANCE, DISCIPLINARY APPEAL, AND HEARING OFFICER PROCEDURES

Section 9. Hearing Officer's Report and Recommendations. The appellant and the Union may request the Designated Deputy over Administrative and Human Resources to appoint a Hearing Officer to hear evidence and make recommendations to the governing body of AQMD regarding the disciplinary appeal. The appellant and the Union must request the appointment of the Hearing Officer within 10 business days from the date the appellant received the decision of the Management Disciplinary Appeal Committee. Failure of the appellant and the Union to request the appointment of a Hearing Officer within the time limits set forth above constitutes a waiver and bars the appeal, and the appeal will be considered settled on the basis of the management disciplinary appeal response.

Within 10 business days after receipt of a request for the appointment of the Hearing Officer, the Designated Deputy over Administrative and Human Resources or designee, shall attempt to reach voluntary agreement with the appellant and the Union as to the appointment of a Hearing Officer.

Failing to reach voluntary agreement within 10 business days of receipt of the request for the appointment of a Hearing Officer, the Designated Deputy over Administrative and Human Resources or Designee shall obtain a list from the American Arbitration Association of 15 persons who are qualified to serve as Hearing Officer. Upon receipt of the list of 15 Hearing Officers from the American Arbitration Association, the parties shall meet to select a Hearing Officer from the list. The list of 15 shall serve as the list of persons to be used by AQMD and the Union for the term of the Agreement, unless otherwise agreed to by both parties.

In the conduct of the hearing, the Hearing Officer, once chosen, shall hold the hearing to make findings of fact and recommendations to the parties within 30 calendar days of the Hearing Officer's appointment. The Hearing Officer shall be bound to render his or her findings and recommendations within 30 calendar days of the close of the hearing. The Hearing Officer shall submit his or her findings and recommendations in writing to AQMD, the appellant, and the Union.

The Hearing Officer's findings are advisory only and not binding on either party. Within 30 days after receiving the Hearing Officer's written findings and recommendations, the AQMD and appellant shall provide written notice stating whether they accept or reject the Hearing Officer's findings. The failure to provide this notice is deemed to be a rejection of the Hearing Officer's findings and recommendations.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 36

GRIEVANCE, DISCIPLINARY APPEAL, AND HEARING OFFICER PROCEDURES

After receiving notice of AQMD's rejection of the Hearing Officer's findings and recommendations, the appellant and the Union may then resort to a court of competent jurisdiction to pursue whatever other legal remedies are available to it under the provisions of this MOU.

The cost of obtaining a panel of Hearing Officers from the American Arbitration Association and all costs of the hearing, including the cost of the Hearing Officer, shall be equally borne by AQMD and the Union. Each party shall bear the cost of its own attorney's fees.

ARTICLE 37

SOLE AND ENTIRE MOU

Section 1. It is the intent of the parties hereto that the provisions of this MOU shall supersede all prior agreements and memoranda of agreement, or contrary *Salary Resolution, Personnel Rules, or Administrative Code* provisions of AQMD, oral or written, expressed or implied, between the parties, and shall govern their entire relationship and shall be the sole source of any and all rights which may be asserted hereunder. This MOU is not intended to conflict with federal or State law.

Section 2. It is understood and agreed that there exists within AQMD, in written form, *Personnel Rules, Salary Resolution, and Employee Relations Resolutions* and/or an *Administrative Code* adopted by AQMD. Including specific modifications resulting from this MOU, these *Resolutions* and/or *Code* shall be incorporated by this reference into this MOU and shall remain in full force and effect during the term of this MOU.

During the term of this MOU, no new provision or amendment to these *Resolutions* and/or *Code*, which is not in accordance with this MOU, or which directly affects the wages, hours, terms, and conditions of employment of employees covered by this MOU, shall be adopted and/or implemented by AQMD, except upon agreement with the Union regarding any such changes or modifications of these *Resolutions* and/or *Code*.

ARTICLE 38

WAIVER OF BARGAINING DURING TERM OF THIS AGREEMENT

Section 1. The parties mutually agree that during the term of this MOU, they will not seek to negotiate or bargain concerning wages, hours, or terms of employment whether or not covered by this MOU or in the negotiations leading thereto and irrespective of whether or not such matters were discussed or were even within the contemplation of the parties hereto during the negotiations leading to this MOU. Regardless of the waiver contained in this Article, the parties may, by mutual agreement, in writing, agree to meet and confer about any matter during the term of this MOU.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 39

EMERGENCY WAIVER PROVISION

Section 1. In the event of circumstances beyond the control of AQMD, such as acts of God, fire, flood, insurrection, civil disorder, national emergency, or similar circumstances, provisions of this MOU or the *Personnel Rules* or Resolutions of AQMD which restrict AQMD's ability to respond to these emergencies shall be suspended for the duration of such emergency. After the emergency is declared over, the Union shall have the right to meet and confer with AQMD regarding the impact on employees of the suspension of these provisions in the MOU and any *Personnel Rules* and policies.

ARTICLE 40

AUTHORIZED AGENTS

For the purpose of administering the terms and provisions of this MOU, principal authorized agents shall be:

1. Representing management:

A. John Olvera

~~Assistant~~ DEO, Administrative & Human Resources
Human Resources
21685 Copley Drive
Diamond Bar, CA 91765-4182
Telephone No. (909) 396-2309

2. Representing SC-PEA:

~~Neil Fujiwara~~ Bettina Burleigh Sanchez, Vice President
South Coast-Professional Employees Association
21865 Copley Drive
Diamond Bar, CA 91765
Telephone No. (909) 396-~~3512~~3245

ARTICLE 41

SEPARABILITY PROVISION

Section 1. Should any provision of this MOU be found to be inoperative, void, or invalid by a court of competent jurisdiction, all other provisions of this MOU shall remain in full force and effect for the duration of this MOU.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 42
RENEGOTIATION

Section 1. The parties shall commence renegotiations under the terms of this Agreement beginning no later than ~~October 15, 2020~~September 1, 2023, except as provided for in Section 2 of this Article.

Section 2. In the event of a financial crisis (i.e., budget shortfall, passage of legislation that impacts staffing levels, working conditions, etc.) the Union and management will, through mutual agreement, meet and discuss options that might be used in addition, or as alternatives, to short-term and long-term layoffs. If a mutually agreed-upon solution to the above-referenced provision is reached that requires an amendment to this Memorandum of Understanding or incorporated documents, the parties agree to make the amendments, subject to approval by the membership of the Union and the South Coast AQMD Board.

Nothing contained herein shall be construed to limit management rights regarding short-term and long-term layoffs in accordance with existing provisions contained in Article 45, Section 9, Layoffs and Reductions.

ARTICLE 43
SUCCESSOR
AGREEMENT

Section 1. This Agreement shall be binding upon the successors and assigns of AQMD and the Union.

ARTICLE 44
TERM OF MOU

Section 1. The term of this MOU shall commence on January 1, ~~2018~~2022, and shall continue for the period through December 31, ~~2020~~2023.

Section 2. All contract changes except salary adjustments are to be effective the beginning of the first pay period following the adoption of this Agreement by the South Coast AQMD Board, unless otherwise stated.

ARTICLE 45
PERSONNEL SYSTEM
PROCEDURE

Section 1. Employee-Initiated Classification Studies.

- a. Purpose. The purpose of this Article is to establish and implement a procedure whereby employees may request classification studies of their positions and duties in order to determine whether their duties and positions are properly classified.
- b. Intent. It is the intent of the parties that this Article be included only to inform employees of the established procedure to follow when requesting a classification study on their own behalf, and to further inform them of the parties' understanding on the acknowledgment of such studies.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 45

PERSONNEL SYSTEM PROCEDURE

- c. Procedure. The request for reclassification by an employee must be submitted in writing, on the classification study request form provided by Human Resources, to the Designated Deputy over Administrative and Human Resources, including a statement from the employee on how the employee's duties have changed. When Human Resources receives the completed request for reclassification form, it shall acknowledge receipt of same in writing and shall inform the requester within 30 days as to whether duties have changed sufficiently to warrant a study. Human Resources will request employees to complete Position Description Forms and will make every effort to assure supervisors and management staff complete their portions of the form in a timely manner.

Human Resources will have the authority to approve, when circumstances warrant, beginning a study prior to receipt of supervisor and management portions of the form. Human Resources shall have a period of 90 calendar days from receipt of the completed employee portion of the Position Description Form to render a finding, unless the classification study requires further time, up to an additional 60 calendar days. Should Human Resources need the additional period of time of up to 60 days, it shall notify the employee in writing of its need for the additional period of time. If extenuating circumstances (e.g., the inability to gather needed information, consultant schedules beyond the control of AQMD, etc.) necessitate extensions to this schedule, the parties agree to revise the schedule to accommodate the extenuating circumstance.

If the employee is not satisfied with the response from Human Resources to the employee's request for reclassification, the employee may file a grievance subject to the grievance procedures set forth in this MOU. If there is a recommendation by Human Resources for a change in classification, the matter shall be referred to the AQMD Board.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 45

PERSONNEL SYSTEM PROCEDURE

Section 2. Voluntary Transfer Procedure.

- a. List of Vacant Positions. Human Resources will post a list of vacant positions which the divisions have requested to be filled. The notice will contain the class title and any specialty designation, division, section/location, immediate supervisor, and last date for filing a transfer request. The list will be updated Tuesday of each week to incorporate the requests (requisitions) received during that week. It will be posted on Tuesday morning in Human Resources and on the main bulletin board in the Headquarters building, and will be telefaxed to each field office.
- b. Filing Period. A transfer request may be filed at any time and will be active for a period of 6 calendar months. The filing period for transfers will close after the vacant position has been posted on the Transfer List for 5 business days. Interested employees will have until 5:00 p.m. Friday of that week to file a Request for Transfer form in Human Resources. If there is an AQMD holiday during the week, the filing period will be extended until 5:00 p.m. of the fifth business day.
- c. Eligibility. Transfer candidates must have passed probation in their classification and have a current performance appraisal on file.
- d. Lateral Transfer. To be considered for transfer outside the employee's current class, an employee must meet the minimum requirements for the class.
- e. Rule of the List. Transfer applicants who are eligible for consideration will be listed in alphabetical order. The appointing authority must offer to interview all transfer applicants eligible pursuant to this procedure, and may select any transfer candidate on the list.
- f. Reasons for Nonselection. Transfer candidates will be notified by the appointing authority in writing of the outcome of the interviews. If a transferee is selected, no explanation need be given to the other transfer applicants. If a transferee is not selected, the appointing authority must provide job-related reasons for nonselection in writing to each transfer applicant. AQMD's grievance process shall not apply to nonselection for transfer.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 45

PERSONNEL SYSTEM PROCEDURE

- g. Absence During the Filing or Interview Period. If the employee is absent on approved leave during the filing period or when interviews are scheduled, the appointing authority may not make a selection until the affected employee has had an opportunity to be interviewed, provided that the appointing authority is not required to delay the selection more than 1 calendar week. It is the intent of this section that the appointing authority accommodate the approved absences of transfer applicants, but that the selection process not be delayed more than 1 week due to such absences.
- h. Medical Fitness and Other Requirements. Candidates selected for transfer must be able to pass any job-related medical or other requirements (i.e., breathing apparatus, etc.) specified for the class. It is the responsibility of the transfer applicant to read the class specification for minimum requirements and other requirements.
- i. Transfer Review Period. Candidates selected from a transfer list will serve a six-month Transfer Review Period. If the transferee is deemed not to have performed satisfactorily, he/she will be returned to his/her former position or a similar position with no loss in continuous service time or pay. If the former position or a similar position does not exist at the time, a temporary over-allocation will be authorized until a vacancy occurs or other arrangements can be made. During the Transfer Review Period, employees will receive reviews of their performance every 2 months. The Transfer Review Period does not apply when the transfer is to a position performing the same duties. This determination is to be made at the time the employee is accepted for transfer.

Section 3. Involuntary Transfer. In cases of involuntary transfers, the least senior employee who possesses the necessary qualifications to perform the assignment as determined by management will be transferred, except in cases of supervisory classes who may be transferred from one position to another without regard to seniority as long as they continue to receive the same compensation and benefits. It is not the intent of this provision to use transfers as a punitive or disciplinary action.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 45

PERSONNEL SYSTEM PROCEDURE

Section 4. Education. Education will not be scored on the basis of recency. No additional credit for education above the minimum requirements will be given.

Section 5. Examination Procedures.

- a. Description of Exam Content and Scoring Criteria. Each promotional recruitment bulletin will contain a summary of the testing process to be used including a description of the general content of examination elements, weights, and scoring criteria. To the extent possible, a copy of the recruitment bulletin will be provided to the Union 24 hours prior to posting. The purpose of this information will be to assist employees in completing the application package fully and in preparing for the other portions of the examination process (i.e., written test, writing skills test, oral examination).
- b. Ties. There will be no ties in final scores in promotional examinations. Ties will be broken in favor of continuous service time with AQMD. In the event a tie still exists, the subsequent tie breaking will be done by alpha order that corresponds to pay period. (Pay period 1 = A; pay period 2 = B, etc.)
- c. Posting of Eligible Lists. Eligible lists are public records and will be posted by Human Resources on the internal website for SCAQMD staff. Cutoff scores for placement on Eligible Lists shall be made solely at the discretion of management, and are not grievable. Eligible lists shall be posted with names listed in the order of their rank, and shall include the number of those who participated in the process and the cutoff score that was used to determine inclusion on the eligible list.
- d. Life of Eligible Lists. The maximum life of a promotional Eligible List is 6 months and may not be extended. *All job offers from the hiring department must be made within the 6-month life of a promotional Eligible List. However, if the Eligible List is set to expire on a Saturday, Sunday, Monday or holiday, then this deadline is extended to the next South Coast AQMD business day. A promotional Eligible List will expire if a request for certification from the list is not submitted for a period of 60 business days.* The appointing authority will fill all vacant positions from existing eligible lists, except that a vacant position may be held vacant if the appointing authority provides reasons acceptable to the Deputy Executive Officer for retaining the vacancy. The Union will be notified of positions which are to be held vacant and reasons why in writing within 10 business days.
[Italicized text indicates changes made by 2021 Terms and Conditions.]

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 45

PERSONNEL SYSTEM PROCEDURE

- e. Eligibility During the Life of the List. An applicant must meet the minimum requirements of the class at the time the application is filed, except that AQMD may permit qualification during the life of the Eligible List in recruitments which are open continuously and/or have few qualified candidates available. If an open recruitment will include eligibility during the life of the list, it will be so stated in the job announcement bulletin. Eligibility during the life of the Eligible List will not be permitted in promotional recruitments.
- f. Qualifying Time for Promotional Opportunities. Time spent in an approved working out-of-class assignment shall be counted as experience credit for promotional examinations, as appropriate.

Section 6. Qualifications Appraisal Panel (QAP) Interview Procedures.

- a. ~~Outside Raters.~~ On promotional examinations, *South Coast* AQMD will attempt to obtain at least ~~two~~ *one* raters from outside of *South Coast* AQMD service and one rater from outside of the affected division who is at least one classification level above the class for which the exam is being conducted. *“Outside of South Coast AQMD service” is defined as a person who has never been a South Coast AQMD employee or has not been employed by South Coast AQMD in the last 5 years.*

A rater shall not be a relative of any candidate participating in the QAP interview procedure of the promotional examination. A “relative” is defined as an individual who is related as a father, mother, son, daughter, brother, sister, uncle, aunt, first cousin, nephew, niece, husband, wife, domestic partner, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half brother, or half sister. [Italicized text indicates changes made by 2021 Terms and Conditions.]

- b. Technical Experts. On promotional examinations, AQMD will attempt to obtain all raters from within the technical field appropriate for the position being tested.
- c. Hiring Interview Questions. The appointing authority will use a structured interview format when conducting hiring interviews. The questions and answers will be job-related, and ratings will be based on criteria identified in the job analysis. The rating criteria will be developed prior to the interviews, and each candidate who is not selected will be advised of the basis for nonselection.

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ARTICLE 45

PERSONNEL SYSTEM
PROCEDURE

Section 7. Certification Procedures – Rule of Five. Certification will be made on the basis of the top 5 names on the Eligible List for the first vacancy, plus 1 additional name for each additional vacancy. If there are multiple vacancies, the appointing authority will make selections for each successive position from the 5 names currently at the top of the list.

Section 8. Probationary Period. Effective May 9, 1997, all newly hired employees and all employees appointed to a supervisory class shall serve a 1-year probationary period. All other probationary periods for bargaining unit members, including promotions to nonsupervisory positions, shall be 6 months in duration.

ARTICLE 45

PERSONNEL SYSTEM
PROCEDURE

Section 9. Layoffs and Reductions.

- a. Layoffs. The appointing authority may layoff or reduce an employee when necessary:
1. For reasons of economy or lack of work, or
 2. Where there are more employees than positions in any class within AQMD.

Employees who are to be laid off or reduced will be so notified thirty days in advance of the action.

- b. Employment Status and Layoff. Layoffs and reductions shall be made by class of position. In each class of position in which there is to be a layoff or reduction, employees shall be laid off according to employment status in the following order:

First – Temporary
Second – Probationary
Third – Regular

Temporary employees shall be laid off according to the needs of the service as determined by the appointing authority. Probationary employees in the class shall be laid off or reduced according to seniority in AQMD service.

- c. Order of Layoff/Reduction of Regular Employees. In case there are two or more regular employees in the class from which layoff or reduction is to be made, such employees shall be laid off or reduced on the basis of their length of AQMD service, except that employees with less than satisfactory performance appraisal ratings (given in accordance with Human Resources guidelines), will be laid off or reduced before employees with satisfactory or better ratings. Only annual performance appraisals received and time-stamped in Human Resources 90 days or more prior to the date employees are notified of AQMD's intention to lay them off or reduce them in classification will be used in determining the order of layoffs and reductions.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 45

PERSONNEL SYSTEM PROCEDURE

- d. Reemployment List. The names of persons laid off or reduced in accordance with these Rules shall be entered upon a reemployment list in the inverse of order specified for layoff. Such list shall be used by the appointing authority when a vacancy arises in the same or lower class of position, before certification is made from an Eligible List. When a vacancy occurs, the appointing authority shall appoint the person highest on the reemployment list who is available.

Names of persons laid off or reduced in lieu of layoff shall be carried on a reemployment list for a 1-year period, except that the names of persons appointed to regular positions of the same level as that from which laid off shall, upon such appointment, be dropped from the list. Persons reduced or reemployed in a lower class or reemployed on a temporary basis shall be continued on the list of the higher position for a 1-year period. Persons appointed from a layoff list shall continue to have the same anniversary date they had prior to termination.

- e. Ties in Layoff/Reduction Score. In case of a tie affecting two or more employees, the employee with the lowest current performance rating shall be laid off first. If a tie still exists and the employees were appointed from the same Eligible List to the position from which the layoff is to be made, the employee whose name was lower on said Eligible List shall be laid off first. If the appointments were not from the same Eligible list, the employee who was appointed from the later Eligible List shall be laid off first.
- f. Exception to Order of Layoff. Where the appointing authority deems it to be in the best interest of the service, he or she may retain an employee who has specific qualifications, despite the order of the layoff provided above, if the appointing authority determines:
1. Such action is in the best interest of the service;
 2. The employee retained has such special qualifications;
 3. The employee laid off does not have such special qualifications;
and
 4. Such special qualifications are important in the performance of the work of AQMD.
 5. The grounds for exception to the order of layoff will be expressly set forth in writing and included in the employee's personnel file and made available to the Union upon request.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 45

PERSONNEL SYSTEM PROCEDURE

- g. Reduction. Appointing authorities may, at their discretion, if they deem it in the best interest of AQMD, make reductions, in lieu of layoff, to positions at lower levels in the same or related series or positions in other series for which the employee to be reduced has demonstrated by having previously passed probation in that classification that he or she possesses the skills and aptitudes required in the position to which he or she is to be reduced, thereby causing layoffs only in the lower ranks. When employees are reduced pursuant to this section, they shall be reduced to a lower-level classification based on those factors contained in the layoff rules, including seniority with AQMD. If there are reductions in the lower classification, employees who have already been reduced once shall again be reduced based on the layoff rules, including seniority with AQMD, to an appropriate lower classification. This process shall continue until all reductions in force have been made.
- h. Short-Term Layoffs. Notwithstanding any other provision of these Rules, short-term layoffs for periods not to exceed 15 consecutive work days, may be made in any order for reasons approved by the appointing authority.

ARTICLE 46

UNION SECURITY

Section 1. AQMD agrees to distribute during its New Employee Orientation process information materials provided by the Union.

Section 2. Modified Agency Shop. All employees covered by this Agreement must, as a condition of employment, either become and remain members of the Union in good standing for the term of this Agreement or pay a monthly fee equal to Union dues to one of the charitable organizations listed below in Section 5 for the term of this Agreement. Unit members must authorize payroll deductions for their dues payment or charitable contribution.

Employees hired after June 30, 2002, must, as a condition of employment, within 30 days of their appointment, either become and remain members of the Union in good standing for the term of this Agreement or pay to the Union an agency fee equal to Union dues.

Section 3. Dues and charitable fees shall be deducted by AQMD biweekly. Dues shall be remitted to the Union no later than 12 days from the pay date. Charitable deductions shall be remitted no later than the end of the month in which they are deducted. AQMD shall provide the Union with a biweekly statement of all charitable contributors that includes employees' names, charitable organization contributed to, and amount contributed.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 46

UNION SECURITY

Section 4. The parties agree that the obligations herein are a condition of continued employment for unit members. The parties further agree that the failure of any unit member to authorize payroll deduction of dues or the equivalent of Union dues to one of the charitable organizations listed in Section 5 below during the term of this Agreement shall constitute, generally, just and reasonable cause for termination.

AQMD shall not be obligated to put into effect any new, changed, or discontinued deduction until the pay period commencing 15 work days or more after such submission.

Section 5. No unit member shall be required to join the Union or to make an agency fee payment if the unit member is an actual verified member of a bona fide religion, body, or sect which has historically held conscientious objections to joining or financially supporting employee organizations; this exemption shall not be granted unless and until such unit member has verified the specified circumstances to the Union. Such employee must, instead, arrange with the Union to satisfy his/her obligation by donating the equivalent amount to one of the following non-labor, non-religious charitable funds: American Lung Association, United Way, American Cancer Society, or City of Hope.

Section 6. Except for collective bargaining, charitable contributors shall have no right to union representation or right to Union membership, although a charitable contributor may apply for Union membership during the term of the Agreement. In such case, the charitable contributor must become and remain a dues-paying member during the remaining term of the agreement. In the event a charitable contributor becomes a dues-paying member of the Union, full membership status will not exist unless and until the individual has (1) been a dues-paying member for 6 months, (2) paid an amount equal to 6 months of dues, or (3) paid the Union an amount equal to 6 months of dues through a combination of (1) and (2).

Section 7. Whenever a unit member shall be delinquent in the payment of dues or fees, the Union shall give the unit member written notice thereof and 15 days to cure the delinquency; a copy of said notice shall be forwarded to the Designated Deputy over Administrative and Human Resources. In the event the unit member fails to cure said delinquency, the Union shall request, in writing, that AQMD initiate termination proceedings. The termination proceedings shall be governed by applicable State laws and are specifically excluded from the Grievance Procedure Agreement or termination procedures.

AQMD shall not deduct moneys specifically earmarked for a Political Action Committee or other political activities unless such deduction is affirmatively, separately and specifically authorized in writing by the unit member.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 46

UNION SECURITY

The Union will defend, indemnify, and hold harmless AQMD from any loss, liability, or cause of action arising out of the operation of this Article.

The indemnity obligation is more fully set forth as follows:

Union will defend, indemnify, and hold harmless AQMD from any loss, liability, or cause of action arising out of the operation of this Article. Upon commencement of any such legal action, AQMD shall have the right to decide and determine whether any claim, liability, suit, or judgment made or brought against AQMD because of such action shall or shall not be compromised, resisted, defended, tried, or appealed. Any such decision on the part of AQMD shall not diminish the Union's indemnification obligations under this Agreement.

AQMD, immediately upon receipt of notice of such legal action, shall inform the Union of such action; provide the Union with all information, documents, and assistance necessary for AQMD's defense or settlement of such action; and fully cooperate with the Union in providing all necessary witnesses, experts, and assistance necessary for said defense.

ARTICLE 47

USE OF AQMD VEHICLES

Section 1. Use of available AQMD fleet vehicles shall be provided to groups of 4 or more employees who carpool for commute purposes to and from work. Vehicles shall be returned to the Automotive Services area each morning and shall become part of AQMD's vehicle fleet for the use and conduct of AQMD business by other employees. Employees are required to pay a monthly fee to cover the cost associated with utilizing/operating an AQMD vehicle. This monthly fee shall be computed by multiplying the mileage rate as established under Article 11, Section 4, by the total number of miles driven by the carpool, except that a different monthly fee, as determined by AQMD, may be charged for vans.

Section 2. Employees who are assigned an AQMD vehicle shall be authorized to use their assigned AQMD vehicle to attend training that meets AQMD requirements for tuition reimbursement. The use of AQMD vehicles would also be authorized for attendance at professional association meetings. However, in both instances, the use of one's personal vehicle must be impractical.

SC-PEA MEMORANDUM OF UNDERSTANDING

ARTICLE 48

TELEWORK PILOT PROGRAM

A joint labor-management teleworking committee has been established. A teleworking ~~pilot~~ program was established on January 1, 2019 by the Executive Officer. ~~has been initiated. This pilot program will remain in effect until December 31, 2018, unless extended by the Executive Officer for an additional 6 months. At the end of the pilot program,~~ Beginning 2021, the committee will meet to discuss potential changes to the Telework Program. ~~†The committee will make a recommendation to the Executive Officer on proposed changes to the Telework Program's requirements and procedures. on the approval of a SCAQMD program for teleworking, including recommendations for policy requirements and guidelines. During the pilot program, the committee will meet on a quarterly basis and submit a quarterly report to the Executive Officer.~~ [Italicized text indicates changes made by 2021 Terms and Conditions.]

SC-PEA MEMORANDUM OF UNDERSTANDING

APPENDIX A
PROFESSIONAL BARGAINING UNIT
EFFECTIVE WITH PAY PERIOD ENCOMPASSING JANUARY 1, 2017

		Approximate Annual 1 st Step	Approximate Annual 5 th Step
AQ Analysis & Compliance Supv.	62F	97,953	121,327
AQ Chemist	53D	76,436	94,662
AQ Engineer I	53D	76,436	94,662
AQ Engineer II	55E	80,955	100,288
AQ Specialist	55E	80,955	100,288
Asst. AQ Chemist	46F	63,633	78,803
Asst. AQ Engineer	49E	68,624	85,025
Asst. AQ Specialist	49E	68,624	85,025
Meteorologist	54K	79,757	98,791
Principal AQ Chemist	62F	97,953	121,327
Program Supervisor	62F	97,953	121,327
Public Affairs Specialist	44H	60,275	74,730
Sr. AQ Chemist	56D	82,989	102,802
Sr. AQ Engineer	58D	89,049	110,317
Sr. Meteorologist	58B	87,119	107,919
Sr. Staff Specialist	58B	87,119	107,919
Sr. Transportation Specialist	58B	87,119	107,919
Staff Specialist	55E	80,955	100,288
Supv. AQ Engineer	62F	97,953	121,327
Tech. Info Center Librarian	46G	63,507	78,680

SC-PEA MEMORANDUM OF UNDERSTANDING

APPENDIX A

PROFESSIONAL BARGAINING UNIT

EFFECTIVE JULY 1, 2018

		Approximate Annual 1 st Step	Approximate Annual 5 th Step	Approximate Annual 6 th Step
AQ Analysis & Compliance Supv.	62F	97,953	121,327	124,663
AQ Chemist	53D	76,436	94,662	97,264
AQ Engineer I	53D	76,436	94,662	97,264
AQ Engineer II	55E	80,955	100,288	103,046
AQ Specialist	55E	80,955	100,288	103,046
Asst. AQ Chemist	46F	63,633	78,803	80,969
Asst. AQ Engineer	49E	68,624	85,025	87,362
Asst. AQ Specialist	49E	68,624	85,025	87,362
Meteorologist	54K	79,757	98,791	101,508
Principal AQ Chemist	62F	97,953	121,327	124,663
Program Supervisor	62F	97,953	121,327	124,663
Public Affairs Specialist	44H	60,275	74,730	76,784
Sr. AQ Chemist	56D	82,989	102,802	105,629
Sr. AQ Engineer	58D	89,049	110,317	113,350
Sr. Meteorologist	58B	87,119	107,919	110,887
Sr. Staff Specialist	58B	87,119	107,919	110,887
Sr. Transportation Specialist	58B	87,119	107,919	110,887
Staff Specialist	55E	80,955	100,288	103,046
Supv. AQ Engineer	62F	97,953	121,327	124,663
Tech. Info Center Librarian	46G	63,507	78,680	80,844

SC-PEA MEMORANDUM OF UNDERSTANDING

APPENDIX A
PROFESSIONAL BARGAINING UNIT
EFFECTIVE JULY 1, 2019

		Approximate Annual 1 st Step	Approximate Annual 5 th Step	Approximate Annual 6 th Step	Approximate Annual 7 th Step
AQ Analysis & Compliance Supv.	62F	97,953	121,327	124,663	128,092
AQ Chemist	53D	76,436	94,662	97,264	99,939
AQ Engineer I	53D	76,436	94,662	97,264	99,939
AQ Engineer II	55E	80,955	100,288	103,046	105,880
AQ Specialist	55E	80,955	100,288	103,046	105,880
Asst. AQ Chemist	46F	63,633	78,803	80,969	83,196
Asst. AQ Engineer	49E	68,624	85,025	87,362	89,765
Asst. AQ Specialist	49E	68,624	85,025	87,362	89,765
Meteorologist	54K	79,757	98,791	101,508	104,299
Principal AQ Chemist	62F	97,953	121,327	124,663	128,092
Program Supervisor	62F	97,953	121,327	124,663	128,092
Public Affairs Specialist	44H	60,275	74,730	76,784	78,896
Sr. AQ Chemist	56D	82,989	102,802	105,629	108,534
Sr. AQ Engineer	58D	89,049	110,317	113,350	116,467
Sr. Meteorologist	58B	87,119	107,919	110,887	113,936
Sr. Staff Specialist	58B	87,119	107,919	110,887	113,936
Sr. Transportation Specialist	58B	87,119	107,919	110,887	113,936
Staff Specialist	55E	80,955	100,288	103,046	105,880
Supv. AQ Engineer	62F	97,953	121,327	124,663	128,092
Tech. Info Center Librarian	46G	63,507	78,680	80,844	83,067

SC-PEA MEMORANDUM OF UNDERSTANDING

APPENDIX A

PROFESSIONAL BARGAINING UNIT

EFFECTIVE JULY 1, 2020

			Approximate- Annual 5 th Step	Approximate- Annual 6 th Step	Approximate Annual 7 th Step	Approximate Annual 8 th Step
AQ Analysis & Compliance Supv.	62F	97,953	121,327	124,663	128,092	131,614
AQ Chemist	53D	76,436	94,662	97,264	99,939	102,687
AQ Engineer I	53D	76,436	94,662	97,264	99,939	102,687
AQ Engineer II	55E	80,955	100,288	103,046	105,880	108,791
AQ Specialist	55E	80,955	100,288	103,046	105,880	108,791
Asst. AQ Chemist	46F	63,633	78,803	80,969	83,196	85,484
Asst. AQ Engineer	49E	68,624	85,025	87,362	89,765	92,233
Asst. AQ Specialist	49E	68,624	85,025	87,362	89,765	92,233
Meteorologist	54K	79,757	98,791	101,508	104,299	107,167
Principal AQ Chemist	62F	97,953	121,327	124,663	128,092	131,614
Program Supervisor	62F	97,953	121,327	124,663	128,092	131,614
Public Affairs Specialist	44H	60,275	74,730	76,784	78,896	81,065
Sr. AQ Chemist	56D	82,989	102,802	105,629	108,534	111,519
Sr. AQ Engineer	58D	89,049	110,317	113,350	116,467	119,670
Sr. Meteorologist	58B	87,119	107,919	110,887	113,936	117,069
Sr. Staff Specialist	58B	87,119	107,919	110,887	113,936	117,069
Sr. Transportation Specialist	58B	87,119	107,919	110,887	113,936	117,069
Staff Specialist	55E	80,955	100,288	103,046	105,880	108,791
Supv. AQ Engineer	62F	97,953	121,327	124,663	128,092	131,614
Tech. Info Center Librarian	46G	63,507	78,680	80,844	83,067	85,351

SC-PEA MEMORANDUM OF UNDERSTANDING

APPENDIX A
PROFESSIONAL BARGAINING UNIT
EFFECTIVE JANUARY 24, 2022

	<u>Approximate</u> <u>Annual</u> <u>1st Step</u>	<u>Approximate</u> <u>Annual</u> <u>2nd Step</u>	<u>Approximate</u> <u>Annual</u> <u>3rd Step</u>	<u>Approximate</u> <u>Annual</u> <u>4th Step</u>	<u>Approximate</u> <u>Annual</u> <u>5th Step</u>	<u>Approximate</u> <u>Annual</u> <u>6th Step</u>	<u>Approximate</u> <u>Annual</u> <u>7th Step</u>	<u>Approximate</u> <u>Annual</u> <u>8th Step</u>
<u>AQ Analysis & Compliance Supv.</u>	<u>100,892</u>	<u>106,440</u>	<u>112,266</u>	<u>118,462</u>	<u>124,966</u>	<u>128,403</u>	<u>131,934</u>	<u>135,563</u>
<u>AQ Chemist</u>	<u>78,728</u>	<u>83,044</u>	<u>87,606</u>	<u>92,446</u>	<u>97,501</u>	<u>100,182</u>	<u>102,937</u>	<u>105,768</u>
<u>AQ Engineer I</u>	<u>78,728</u>	<u>83,044</u>	<u>87,606</u>	<u>92,446</u>	<u>97,501</u>	<u>100,182</u>	<u>102,937</u>	<u>105,768</u>
<u>AQ Engineer II</u>	<u>83,383</u>	<u>87,945</u>	<u>92,816</u>	<u>97,871</u>	<u>103,296</u>	<u>106,137</u>	<u>109,056</u>	<u>112,055</u>
<u>AQ Specialist</u>	<u>83,383</u>	<u>87,945</u>	<u>92,816</u>	<u>97,871</u>	<u>103,296</u>	<u>106,137</u>	<u>109,056</u>	<u>112,055</u>
<u>Asst. AQ Chemist</u>	<u>65,542</u>	<u>69,136</u>	<u>72,951</u>	<u>76,949</u>	<u>81,167</u>	<u>83,398</u>	<u>85,692</u>	<u>88,048</u>
<u>Asst. AQ Engineer</u>	<u>70,683</u>	<u>74,567</u>	<u>78,667</u>	<u>82,982</u>	<u>87,575</u>	<u>89,983</u>	<u>92,458</u>	<u>95,000</u>
<u>Asst. AQ Specialist</u>	<u>70,683</u>	<u>74,567</u>	<u>78,667</u>	<u>82,982</u>	<u>87,575</u>	<u>89,983</u>	<u>92,458</u>	<u>95,000</u>
<u>Meteorologist</u>	<u>82,150</u>	<u>86,650</u>	<u>91,428</u>	<u>96,453</u>	<u>101,755</u>	<u>104,553</u>	<u>107,428</u>	<u>110,382</u>
<u>Principal AQ Chemist</u>	<u>100,892</u>	<u>106,440</u>	<u>112,266</u>	<u>118,462</u>	<u>124,966</u>	<u>128,403</u>	<u>131,934</u>	<u>135,563</u>
<u>Program Supervisor</u>	<u>100,892</u>	<u>106,440</u>	<u>112,266</u>	<u>118,462</u>	<u>124,966</u>	<u>128,403</u>	<u>131,934</u>	<u>135,563</u>
<u>Public Affairs Specialist</u>	<u>62,083</u>	<u>65,504</u>	<u>69,111</u>	<u>72,902</u>	<u>76,971</u>	<u>79,088</u>	<u>81,262</u>	<u>83,497</u>
<u>Sr. AQ Chemist</u>	<u>85,479</u>	<u>90,165</u>	<u>95,128</u>	<u>100,368</u>	<u>105,886</u>	<u>108,798</u>	<u>111,790</u>	<u>114,864</u>
<u>Sr. AQ Engineer</u>	<u>91,721</u>	<u>96,740</u>	<u>102,098</u>	<u>107,659</u>	<u>113,626</u>	<u>116,750</u>	<u>119,961</u>	<u>123,260</u>
<u>Sr. Meteorologist</u>	<u>89,733</u>	<u>94,665</u>	<u>99,875</u>	<u>105,362</u>	<u>111,157</u>	<u>114,213</u>	<u>117,354</u>	<u>120,582</u>
<u>Sr. Staff Specialist</u>	<u>89,733</u>	<u>94,665</u>	<u>99,875</u>	<u>105,362</u>	<u>111,157</u>	<u>114,213</u>	<u>117,354</u>	<u>120,582</u>
<u>Sr. Transportation Specialist</u>	<u>89,733</u>	<u>94,665</u>	<u>99,875</u>	<u>105,362</u>	<u>111,157</u>	<u>114,213</u>	<u>117,354</u>	<u>120,582</u>
<u>Staff Specialist</u>	<u>83,383</u>	<u>87,945</u>	<u>92,816</u>	<u>97,871</u>	<u>103,296</u>	<u>106,137</u>	<u>109,056</u>	<u>112,055</u>
<u>Supv. AQ Engineer</u>	<u>100,892</u>	<u>106,440</u>	<u>112,266</u>	<u>118,462</u>	<u>124,966</u>	<u>128,403</u>	<u>131,934</u>	<u>135,563</u>
<u>Tech. Info Center Librarian</u>	<u>65,412</u>	<u>69,018</u>	<u>72,810</u>	<u>76,817</u>	<u>81,040</u>	<u>83,269</u>	<u>85,559</u>	<u>87,912</u>

SC-PEA MEMORANDUM OF UNDERSTANDING

APPENDIX A
PROFESSIONAL BARGAINING UNIT
EFFECTIVE JANUARY 1, 2023

	<u>Approximate</u> <u>Annual</u> <u>1st Step</u>	<u>Approximate</u> <u>Annual</u> <u>2nd Step</u>	<u>Approximate</u> <u>Annual</u> <u>3rd Step</u>	<u>Approximate</u> <u>Annual</u> <u>4th Step</u>	<u>Approximate</u> <u>Annual</u> <u>5th Step</u>	<u>Approximate</u> <u>Annual</u> <u>6th Step</u>	<u>Approximate</u> <u>Annual</u> <u>7th Step</u>	<u>Approximate</u> <u>Annual</u> <u>8th Step</u>
<u>AQ Analysis & Compliance Supv.</u>	<u>103,919</u>	<u>109,634</u>	<u>115,634</u>	<u>122,016</u>	<u>128,716</u>	<u>132,256</u>	<u>135,893</u>	<u>139,630</u>
<u>AQ Chemist</u>	<u>78,728</u>	<u>83,044</u>	<u>87,606</u>	<u>92,446</u>	<u>97,501</u>	<u>100,182</u>	<u>102,937</u>	<u>105,768</u>
<u>AQ Engineer I</u>	<u>81,090</u>	<u>85,535</u>	<u>90,234</u>	<u>95,219</u>	<u>100,426</u>	<u>103,188</u>	<u>106,025</u>	<u>108,941</u>
<u>AQ Engineer II</u>	<u>85,885</u>	<u>90,583</u>	<u>95,600</u>	<u>100,807</u>	<u>106,395</u>	<u>109,321</u>	<u>112,328</u>	<u>115,417</u>
<u>AQ Specialist</u>	<u>85,885</u>	<u>90,583</u>	<u>95,600</u>	<u>100,807</u>	<u>106,395</u>	<u>109,321</u>	<u>112,328</u>	<u>115,417</u>
<u>Asst. AQ Chemist</u>	<u>67,508</u>	<u>71,210</u>	<u>75,139</u>	<u>79,257</u>	<u>83,601</u>	<u>85,900</u>	<u>88,262</u>	<u>90,690</u>
<u>Asst. AQ Engineer</u>	<u>72,803</u>	<u>76,804</u>	<u>81,027</u>	<u>85,472</u>	<u>90,203</u>	<u>92,682</u>	<u>95,231</u>	<u>97,850</u>
<u>Asst. AQ Specialist</u>	<u>72,803</u>	<u>76,804</u>	<u>81,027</u>	<u>85,472</u>	<u>90,203</u>	<u>92,682</u>	<u>95,231</u>	<u>97,850</u>
<u>Meteorologist</u>	<u>84,614</u>	<u>89,250</u>	<u>94,171</u>	<u>99,347</u>	<u>104,808</u>	<u>107,690</u>	<u>110,651</u>	<u>113,694</u>
<u>Principal AQ Chemist</u>	<u>103,919</u>	<u>109,634</u>	<u>115,634</u>	<u>122,016</u>	<u>128,716</u>	<u>132,256</u>	<u>135,893</u>	<u>139,630</u>
<u>Program Supervisor</u>	<u>103,919</u>	<u>109,634</u>	<u>115,634</u>	<u>122,016</u>	<u>128,716</u>	<u>132,256</u>	<u>135,893</u>	<u>139,630</u>
<u>Public Affairs Specialist</u>	<u>63,945</u>	<u>67,469</u>	<u>71,184</u>	<u>75,089</u>	<u>79,281</u>	<u>81,460</u>	<u>83,700</u>	<u>86,002</u>
<u>Sr. AQ Chemist</u>	<u>88,044</u>	<u>92,869</u>	<u>97,981</u>	<u>103,379</u>	<u>109,062</u>	<u>112,062</u>	<u>115,144</u>	<u>118,310</u>
<u>Sr. AQ Engineer</u>	<u>94,472</u>	<u>99,642</u>	<u>105,160</u>	<u>110,889</u>	<u>117,035</u>	<u>120,253</u>	<u>123,560</u>	<u>126,957</u>
<u>Sr. Meteorologist</u>	<u>92,425</u>	<u>97,505</u>	<u>102,871</u>	<u>108,522</u>	<u>114,492</u>	<u>117,640</u>	<u>120,875</u>	<u>124,199</u>
<u>Sr. Staff Specialist</u>	<u>92,425</u>	<u>97,505</u>	<u>102,871</u>	<u>108,522</u>	<u>114,492</u>	<u>117,640</u>	<u>120,875</u>	<u>124,199</u>
<u>Sr. Transportation Specialist</u>	<u>92,425</u>	<u>97,505</u>	<u>102,871</u>	<u>108,522</u>	<u>114,492</u>	<u>117,640</u>	<u>120,875</u>	<u>124,199</u>
<u>Staff Specialist</u>	<u>85,885</u>	<u>90,583</u>	<u>95,600</u>	<u>100,807</u>	<u>106,395</u>	<u>109,321</u>	<u>112,328</u>	<u>115,417</u>
<u>Supv. AQ Engineer</u>	<u>103,919</u>	<u>109,634</u>	<u>115,634</u>	<u>122,016</u>	<u>128,716</u>	<u>132,256</u>	<u>135,893</u>	<u>139,630</u>
<u>Tech. Info Center Librarian</u>	<u>67,374</u>	<u>71,089</u>	<u>74,994</u>	<u>79,122</u>	<u>83,471</u>	<u>85,767</u>	<u>88,126</u>	<u>90,549</u>

SC-PEA MEMORANDUM OF UNDERSTANDING

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BOARD MEETING DATE: February 4, 2022

AGENDA NO. 6

PROPOSAL: Execute Contract for Janitorial Services at Diamond Bar Headquarters

SYNOPSIS: The current contract for janitorial services at Diamond Bar headquarters expires on February 28, 2022. On October 1, 2021, the Board approved release of an RFP to solicit proposals from firms interested in providing these services. This action is to execute a 34-month contract with Santa Fe Janitorial Maintenance Services, Inc. for a total amount not to exceed \$1,649,751. Funding has been included in the FY 2021-22 Budget and will be requested in successive fiscal years.

COMMITTEE: Administrative, January 14, 2022; Recommended for Approval

RECOMMENDED ACTION:

Authorize the Executive Officer to execute a thirty-four-month contract with Santa Fe Janitorial Maintenance Services Inc. for janitorial services at Diamond Bar headquarters for the period of March 1, 2022 through December 31, 2024, for a total amount not to exceed \$1,649,751, with an option to extend the contract for up to two additional years.

Wayne Natri
Executive Officer

AJO:VMR:vl

Background

South Coast AQMD contracts with a firm to provide routine janitorial services and supplies at its Diamond Bar headquarters. The contract term with the current contractor, Santa Fe Building Maintenance (doing business as Santa Fe Janitorial Maintenance Services, Inc. effective, January 1, 2022), expires February 28, 2022. On October 1, 2021, South Coast AQMD released RFP #2022-06 to solicit proposals from janitorial services providers interested in contracting with South Coast AQMD for a 34-month period.

In addition to routine janitorial services and additional work, South Coast AQMD may require occasional, special and/or emergency cleanup services that would not be covered under this contract. While it is difficult to anticipate the cost of special services, past experience indicates they typically increase costs by approximately five percent. Accordingly, the costs listed in this Board letter include an additional five percent beyond the costs submitted in the proposals.

Outreach

In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the RFP and inviting bids was published in the Los Angeles Times, the Orange County Register, the San Bernardino County Sun, and Riverside County's Press Enterprise newspapers to leverage the most cost-effective method of outreach to the South Coast Basin. Eight copies of the RFP were emailed out.

Additionally, potential bidders may have been notified utilizing South Coast AQMD's own electronic listing of certified minority vendors. Notice of the RFP was emailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations and placed on South Coast AQMD's website (<http://www.aqmd.gov>).

Proposal Evaluation

Nine vendors attended via Zoom the mandatory bidders conference held on October 14, 2021, and six vendors attended a mandatory, in-person walkthrough on various dates between October 19-29, 2021. Three proposals were received when final bidding closed at 2:00 p.m. on November 9, 2021. All three proposals received were complete and met RFP requirements.

The panel evaluating the proposals included three South Coast AQMD employees and one retired South Coast AQMD employee: a Facilities Services Technician, a Print Shop Supervisor, a Senior Administrative Assistant, and a former Business Services Manager. Of these four panel members, two are Caucasian, one is Hispanic, and one is African American; two are female and two are male.

The panel evaluated the three qualified and responsive proposals based on criteria specified in the RFP, which included completeness and responsiveness of the proposal, cost, understanding of the required janitorial services, contractor qualifications, and past experience.

The attached Bid Evaluation Summary summarizes the scores of the qualified bids. Santa Fe Janitorial Maintenance Services, Inc. (formerly Santa Fe Building Maintenance) submitted the lowest cost and highest-rated qualified bid, which included excellent references for comparable public sector janitorial services. Santa Fe Janitorial

Maintenance Services, Inc. has been providing janitorial services at South Coast AQMD headquarters since 2013. Staff recommends the contract be awarded to Santa Fe Janitorial Maintenance Services, Inc.

Resource Impacts

Sufficient funds in the amount of \$195,230.00 are available in the approved FY 2021-22 Budget for the remainder of this fiscal year. Subsequent funding will be requested in the budgets for each of the remaining fiscal years of the contract. Annual costs are \$195,230 for FY 2021-22; \$556,236 for FY 2022-23; \$593,817 for FY 2023-24; and \$304,468.00 for the six months term in FY 2024-25.

Attachment

RFP 2022-06 Bid Evaluation Summary

ATTACHMENT

RFP 2022-06 Bid Evaluation Summary Janitorial Services

NAME	34-month Janitorial Services Cost	Cost of Extra Work Requested (not included on point scale)	Total Cost	Subtotal Points (Work Requirement, Contractor Qualification, Cost, and Reference)	Additional Points – Max 15 pts. (Small Business, DVBE, Local Business, Off-Peak Hours Delivery Business, & Most Favored Customer)	Total Points
Santa Fe Janitorial Maintenance Services, Inc. (formerly Santa Fe Building Maintenance)	\$1,498,541.36	\$72,650.00	\$1,571,191.36	98.75	15	113.75
Guaranteed Janitorial Service, Inc.	\$1,888,367.40	\$181,035.00	\$2,069,402.40	78.55	15	93.55
J & S Building Maintenance	\$1,896,950.70	\$42,695.00	\$1,939,645.70	65.18	10	75.18

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 7

PROPOSAL: Approve Contract Modification as Approved by MSRC

SYNOPSIS: As part of their FYs 2018-21 Work Program, the MSRC approved a contract value increase to Southern California Association of Governments to implement additional projects targeting the last segment of goods delivery. At this time, the MSRC seeks Board approval of the contract modification as part of the FYs 2018-21 Work Program.

COMMITTEE: Mobile Source Air Pollution Reduction Review, January 20, 2022;
Recommended for Approval

RECOMMENDED ACTIONS:

1. Approve a \$6,751,000 increase to existing contract #MS21005 with Southern California Association of Governments (SCAG) to implement additional projects under the Last Mile component of the MSRC's Regional Goods Movement Program, as part of approval of the FYs 2018-21 Work Program, as described in this Board letter; and
2. Authorize the Board Chair (or by the Chair's designation, the Executive Officer) to execute the modified contract under the 2018-21 Work Program, as described above and in this Board letter.

Larry McCallon,
Chair, MSRC

MMM:AK:CR

Background

In September 1990, Assembly Bill 2766 was signed into law (Health & Safety Code Sections 44220-44247) authorizing an annual \$4 motor vehicle registration fee to fund the implementation of programs exclusively to reduce air pollution from motor vehicles. AB 2766 provides that 30 percent of the annual \$4 vehicle registration fee subvented to

South Coast AQMD be placed into an account to be allocated pursuant to a work program developed and adopted by the MSRC and approved by the Board.

Proposal

At its January 20, 2022 meeting, the MSRC considered recommendations from the MSRC-Technical Advisory Committee (TAC) and approved the following:

FYs 2018-21 Last Mile Freight Program

The Last Mile component of the MSRC’s Regional Goods Movement Program focuses on reducing emissions from transportation of goods following departure from distribution centers. In August 2020, the MSRC approved a sole-source contract award to SCAG in an amount not to exceed \$10,000,000 to implement the Last Mile Freight Program (LMFP) on behalf of the MSRC. Contract #MS21005 was executed to effectuate the award, and in November 2021, the MSRC approved SCAG’s proposed project list awarding the original \$10,000,000 to 26 projects across the region.

Fourteen other projects were deemed meritorious by the LMFP Review Panel and were included on a contingency list of projects should more funding be made available. The MSRC provided guidance to SCAG staff to work with MSRC staff and the TAC Last Mile Subcommittee to revisit the contingency list projects. The TAC Last Mile Subcommittee and the TAC reviewed SCAG’s proposed funding strategy and recommended approval of a \$6,751,000 increase to existing Contract #MS21005 with SCAG as part of the FYs 2018-21 Work Program, to support six additional zero emission LMFP projects which will also meet the Program’s geographic and small business guidelines. The funding will support the deployment of a total of 135 vehicles and supporting charging infrastructure.

At this time, the MSRC requests the South Coast AQMD Board approval of the contract modification as part of approval of the FYs 2018-21 AB 2766 Discretionary Fund Work Program as outlined above.

Resource Impacts

South Coast AQMD acts as fiscal administrator for the AB 2766 Discretionary Fund Program (Health & Safety Code Section 44243). Money received for this program is recorded in a special revenue fund (Fund 23) and any contracts awarded in response to the solicitation will be paid from this fund.

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BOARD MEETING DATE: February 4, 2022

AGENDA NO. 8

REPORT: Legislative, Public Affairs and Media Report

SYNOPSIS: This report highlights the December 2021 outreach activities of the Legislative, Public Affairs and Media Office, which includes Major Events, Community Events/Public Meetings, Environmental Justice Update, Speakers Bureau/Visitor Services, Communications Center, Public Information Center, Business Assistance, Media Relations, and Outreach to Community Groups and Federal, State and Local Governments.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Wayne Nasti
Executive Officer

DA:LTO:AL:bel:lam

BACKGROUND

This report summarizes the activities of the Legislative, Public Affairs and Media Office for December. The report includes: Major Events; Community Events/Public Meetings; Environmental Justice Update; AB 617; Speakers Bureau/Visitor Services; Communications Center; Public Information Center; Business Assistance; Media Relations; and Outreach to Community Groups and Governments.

MAJOR EVENTS (HOSTED AND SPONSORED)

Each year, staff hold and sponsor several major events throughout South Coast AQMD's four-county jurisdiction to promote, educate, and provide important information to the public regarding reducing air pollution, protecting public health, and improving air quality and the economy.

32nd Annual Clean Air Awards

The 32nd Annual Clean Air Awards was hosted virtually on December 3. There were approximately 230 attendees via Zoom, Facebook, and YouTube. Several Board Members participated or attended. Other attendees included elected officials, and members of the public.

COMMUNITY EVENTS/PUBLIC MEETINGS

Each year, staff engage with thousands of residents and stakeholders, providing information about the agency, incentive programs, and ways individuals can help reduce air pollution. Attendees typically receive the following information:

- Tips on reducing their exposure to smog and its health effects;
- Clean air technologies and their deployment;
- Invitations to or notices of conferences, seminars, workshops, and other public events;
- South Coast AQMD incentive programs;
- Ways to participate in South Coast AQMD's rules and policy development; and
- Assistance in resolving air pollution-related problems.

Staff attended and/or provided information and updates at the following December events and meetings:

Orange County Council of Governments

Staff presented virtually at a Board Meeting on December 6. The presentation was on the fifth Multiple Air Toxics Exposure Study and an update on the fourth quarter Advisor.

Foothill Gold Line Construction Authority

Staff attended a Board Meeting on December 8. Staff provided an update on the 2022 AQMP and the compliance deadlines.

San Bernardino County Transportation Authority

Staff attended a City Manager Technical Advisory Committee meeting on December 2. Staff provided an update on an upcoming Warehouse Actions and Investments to Reduce Emissions Program (WAIRE) webinar for the Western Pallet Association.

San Gabriel Valley Council of Governments

On December 15, staff participated in a virtual Energy, Environment, and Natural Resources Committee meeting. Staff shared information on the Check Before You Burn Program.

ENVIRONMENTAL JUSTICE UPDATE

The following are key environmental justice (EJ) related activities in which staff participated during December. These events and meetings involve communities affected disproportionately from adverse air quality impacts.

Environmental Justice Community Partnership Advisory Council Meeting

Approximately 30 participated in a virtual Advisory Council meeting on December 1. There was discussion on the 2022 Goals and Objectives and a presentation by an Advisory Council Member on their work supporting community-led advocacy in EJ communities. Staff provided an update on efforts and collected input from members on issues and future agenda items.

Institute for Local Government

Staff participated in a webinar titled, “Mastering Hybrid Public Engagement” on December 9. The webinar focused on how public engagement can help agencies build trust and develop equitable and sustainable public participation in a hybrid or digital environment.

University of Southern California’s Center for Sustainability Solutions

On December 10, staff participated in a Climate & Health Series, “Threats of Climate Change to Children's Health and Equity: Benefits of Action.” Topics discussed were air pollution and climate change and how they can affect children’s health and brain development.

Los Angeles Environmental Justice Network

Staff participated virtually in the Los Angeles Environmental Justice Network’s 7th Annual Symposium on December 15. Panelists discussed the importance of protecting the environment, their experiences, and the need to have more dialogue with communities, including challenges and successes.

AB 617 UPDATE

The following are key AB 617 related activities in which staff participated during December. These events, workshops, and meetings involve AB 617 communities to support the Community Steering Committees (CSCs), Community Air Monitoring Plans (CAMPs), and Community Emissions Reduction Plans (CERPs).

Trucks Incentives Workshop

On December 1, approximately 55 individuals participated in the first of three workshops to gather input from community stakeholders on the development of the AB 617 Truck Incentives Plan. The meeting was attended by community members, small business owners, and independent truck owners/operators.

South Los Angeles Community Steering Committee

Approximately 35 individuals participated in a meeting on December 2. The agenda included a summary on oil and gas wells and discussion on auto body shops and metal facilities including dialogue on defining air quality priorities, BACT/BARCT/alternatives and potential solutions.

Eastern Coachella Valley Community Steering Committee

Approximately 70 individuals participated in a meeting on December 7. The agenda included updates on home air filtration systems/purifiers, CERPs, CAMPs implementation highlights, and working team reports on budget, monitoring, and outreach.

All Community Steering Committees Meeting

Approximately 65 individuals participated in a meeting on December 9 to discuss potential legislative and other improvements for the AB 617 program. Discussion focused on statutory timelines, need for elected officials and government agencies to engage in the development and implementation of Community Emission Reduction Plans and Community Air Monitoring Plans, and sustainable and increased funding for communities to directly support Community Steering Committees. Suggestions included holding hearings in communities where committee and community members would present their air quality priorities to elected officials and agencies.

Truck Incentives Workshop – Focus Group Discussion

On December 16, staff hosted and facilitated a focus group discussion with Community Steering Committee members to guide the development of the AB 617 Truck Incentives Plan. Committee members shared suggestions and provided comments on a questionnaire that will be used to gather feedback from Committee members and the trucking industry.

SPEAKERS BUREAU/VISITOR SERVICES

South Coast AQMD regularly receives requests for staff to speak on air quality-related issues from a wide variety of organizations, such as trade associations, chambers of commerce, community-based groups, schools, hospitals, and health-based organizations. South Coast AQMD also hosts visitors from around the world who meet with staff on a wide range of air quality issues.

Western Pallet Association Grants Webinar

On December 15, staff presented virtually on the Warehouse Indirect Source Rule, clean technologies, and incentives. Information was shared on how the rule could apply to the pallet industry, including truck trip counting methods, the Warehouse Operator Compliance Obligation, and truck technologies that would earn points under the rule. Staff also provided information on different technologies and incentive programs.

COMMUNICATION CENTER STATISTICS

The Communication Center handles calls on South Coast AQMD’s main line, 1-800-CUT-SMOG®, the Spanish line, and after-hours calls to those lines. Total calls received in the month of December:

Calls to South Coast AQMD’s Main Line and 1-800-CUT-SMOG®	2,156
Calls to South Coast AQMD’s Spanish-language Line	38
Total Calls	2,194

PUBLIC INFORMATION CENTER STATISTICS

The Public Information Center (PIC) handles phone calls for general information. The PIC did not take walk-in requests in December because of the COVID pandemic. Email advisories provided information on upcoming meetings and events, program announcements and alerts on time-sensitive issues. Information for the month of December is summarized below:

Calls Received by PIC	4
Calls to Automated System	267
Total Calls	271

Email Advisories Sent	9,782
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SMALL BUSINESS ASSISTANCE

South Coast AQMD notifies local businesses of proposed regulations so they can participate in the agency’s rule development process. South Coast AQMD works with other agencies and governments to identify efficient, cost-effective ways to reduce air pollution and shares that information broadly. Staff provides personalized assistance to small businesses both over the telephone and via virtual on-site consultation, as summarized below for December.

- Provided permit application assistance to 166 companies; and
- Processed 75 Air Quality Permit Checklists.

Types of businesses assisted:

Architecture Firms	Engineering Firms	Restaurants
Auto Body Shops	Gas Stations	Retail Operations
Construction Firms	Manufacturing Facilities	Warehouses
Dry Cleaners	Offices	

MEDIA RELATIONS

The Media Office handles all South Coast AQMD outreach and communications with television, radio, newspapers and all other publications, and media operations. The December reports are listed below:

Major Media Interactions	235
Press Releases	31

Major Media Topics:

- **OC Air Quality:** A Chapman University student reporter inquired about air quality in Orange County. A written response was provided.
- **Ports:** LA Times, Crosstown LA, and Wall Street Journal inquired regarding various issues related to port pollution and offshore vessels. Written responses were provided. The Wall Street Journal requested information on container ship pollution in San Pedro Bay and written responses were provided. Staff participated in an interview with ABC7 regarding port pollution and at-berth regulations.
- **Phillips 66 Refinery:** Bloomberg News inquired about recent flaring at the refinery. Written responses were provided.
- **AB 617:** CalMatters inquired regarding several topics related to AB 617 communities and Community Steering Committees. A written response is being prepared.
- **Mobile Source Incentives:** CalMatters requested fact-check information on mobile source incentives funded by the Community Air Protection Program. Written responses were provided.
- **District Public Meeting:** Forthemedial.org requested information on a public meeting held March 13, 2018. Meeting information and materials were provided.
- **Gun Ranges:** The San Francisco Chronicle inquired about gun ranges and lead contamination project. Written responses were provided.
- **Mutual Flavors Notice of Violation (NOV):** Pitches were sent to local media outlets regarding NOVs issued to Mutual Flavors in City Terrace. Staff participated in an interview with KPCC on the NOVs issued.
- **Rule 2305:** SoCal News Group inquired about implementation plans for the Warehouse ISR in 2022. Additional information was requested.
- **Gas-powered Lawn Equipment Ban:** Finnish Broadcasting Company, YLE, requested an interview on the gas-powered lawn equipment ban. Additional information was requested.
- **Volvo Demonstration Event:** Pitches were sent to local media outlets for the Volvo Demonstration event on December 13.
- **AQ Special Toolkit:** Pitches were sent to local media outlets regarding the new air monitoring toolkit. Fontana Herald News had some follow up questions and a written response was provided.

- **Windblown Dust Advisory:** Pitches were sent to local media outlets informing them of two windblown dust advisories, resulting in coverage from local television, radio and print outlets.
- **Rule 1109.1:** The Daily Breeze inquired whether the rule had been approved by the Board. A written response was provided.

Carson Odors

- Staff participated in interviews with Telemundo, KPCC, KNX, and KTLA regarding NOV's and possible cause of the odors. The Daily Breeze, LA Times, and KFI sent questions regarding the press release. Responses were provided. NY Times, NBC, and Univision inquired regarding the next steps. Written responses were provided.

Check Before You Burn:

- There were 12 No-Burn Days in December. Pitches were sent to local media outlets for each day, which resulted in extensive coverage from local television, radio and print outlets throughout the month.

News Releases:

- **No-Burn Days – Mandatory Wood-Burning Ban In Effect For Residents Of The South Coast Air Basin (English and Spanish):** 12 No-Burn Days were issued on December 1-7, and 18-22.
- **South Coast AQMD Unveils New Toolkit to Help Public Use Air Quality Sensors, Understand Data (English and Spanish) – December 1, 2021:** Informed residents of new air monitoring toolkit available on the website.
- **South Coast AQMD Issues Violations to Four Companies and the County of Los Angeles for Elevated Hydrogen Sulfide Levels that Impacted Communities Near the Dominguez Channel (English and Spanish) – December 3, 2021:** Informed residents of NOV's issued in response to the Dominguez Channel odors.
- **South Coast AQMD Announces 2021's Clean Air Heroes at Clean Air Awards – December 3, 2021 (English and Spanish):** Informed residents of the 2021 Clean Air Award winners.
- **MEDIA ADVISORY: Volvo Demonstrates New Electric Compact Wheel Loader in Ontario – December 9, 2021:** Informed residents and press about Board Member Cacciotti's Volvo Demonstration event on December 13.
- **Violations Issued to Flavorings Company for Odors Impacting Residents in City Terrace, Failure to Have Necessary Permit – December 9, 2021 (English and Spanish):** Informed residents about violations issued to Mutual Flavors in City Terrace.

- **South Coast AQMD Issues Windblown Dust Advisory (English and Spanish) – December 14 and 27, 2021:** Informed residents of two windblown dust advisories.

Social Media Notable posts:

- **No Burn Day Extension (12/5):** 15,636 Twitter Impressions
- **Asthma Infographic (12/10):** 1,974 Twitter Impressions
- **No Burn Extension (12/21):** 7,124 Twitter Impressions
- **AQ Forecast (12/25):** 8,814 Twitter Impressions
- **Dust Advisory (12/27):** 7,295 Twitter Impressions

OUTREACH TO COMMUNITY GROUPS AND FEDERAL, STATE, AND LOCAL GOVERNMENTS

Outreach was conducted personally and virtually in December to communicate with elected officials or staff from the following cities:

Alhambra	Hemet	Riverside
Anaheim	Huntington Beach	Rosemead
Arcadia	Industry	San Dimas
Avalon	Irvine	San Fernando
Azusa	Irwindale	San Gabriel
Big Bear	La Cañada Flintridge	San Marino
Bradbury	La Habra	Santa Ana
Brea	La Puente	Santa Clarita
Buena Park	La Verne	Santa Monica
Burbank	Lake Forest	Seal Beach
Carson	Long Beach	Sierra Madre
Claremont	Los Angeles	South El Monte
Covina	Mission Viejo	South Pasadena
Diamond Bar	Monrovia	Stanton
Duarte	Monterey Park	Temple City
El Monte	Moreno Valley	Tustin
Fontana	Newport Beach	Walnut
Fullerton	Ontario	West Covina
Garden Grove	Pasadena	Yorba Linda
Glendale	Placentia	
Glendora	Pomona	

Communication occurred in December with elected officials and/or staff from the following state and federal offices:

- U.S. Senator Alex Padilla
- U.S. Representative Nanette Barragán
- U.S. Representative Grace Napolitano
- U.S. Representative Katie Porter
- Senator Bob Archuleta
- Senator Lena A. Gonzalez
- Senator Susan Rubio
- Assembly Member Lisa Calderon
- Assembly Member Mike Gipson

Staff represented South Coast AQMD in December and/or provided updates or a presentation to the following governmental agencies and business organizations:

Building Industry Association of Southern California, Orange County Chapter
Coachella Valley Association of Governments
Burbank Chamber of Commerce
California Natural Resources Agency
Caltrans
Costa Mesa Chamber of Commerce
El Monte/South El Monte Chamber of Commerce
Foothill Gold Line Construction Authority
Glendale Chamber of Commerce
Greater Monterey Park Chamber of Commerce
Inland Valley Development Agency
Industry Business Council, Los Angeles
Irwindale Chamber of Commerce
Los Angeles Area Chamber of Commerce
Los Angeles County Board of Supervisors
Metro
Omnitrans
Orange County Business Council
Orange County Council of Governments
Orange County Transportation Authority
San Bernardino County Board of Supervisors
San Bernardino County Transportation Authority
San Fernando Chamber of Commerce
San Fernando Valley Council of Governments
San Gabriel Valley Council of Governments
San Gabriel Valley Economic Partnership
San Gabriel Valley Regional Chamber of Commerce
Santa Clarita Chamber of Commerce

Southern California Association of Governments
Western Palmet Association
Western Riverside Council of Governments
Westside Cities Council of Governments

In December, staff represented South Coast AQMD and/or provided updates or a presentation to the following community and educational groups and organizations:

Active San Gabriel Valley
Asian Pacific Islanders Forward Movement
Bassett Unified School District
California State University, San Bernardino
Clean Air Coalition of North Whittier and Avocado Heights
Clean Healthy Air, Clean Healthy Altadena
Coalition for Clean Air
Hacienda La Puente School District
Institute for Local Government
Move LA
Pasadena Neighborhood Connections
Taking Responsibility and Control, La Puente
Visual Artists Guild, San Gabriel Valley

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BOARD MEETING DATE: February 4, 2022

AGENDA NO. 9

REPORT: Hearing Board Report

SYNOPSIS: This reports the actions taken by the Hearing Board during the period of December 1 through December 31, 2021.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Cynthia Verdugo-Peralta
Hearing Board Chair

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The following summaries are attached: **December 2021 Hearing Board Cases and Rules From Which Variances and Orders for Abatement Were Requested in 2021**. An index of South Coast AQMD Rules is also attached.

There were no appeals filed during the period of December 1 to December 31, 2021.

Report of December 2021 Hearing Board Cases

Case Name and Case No. (South Coast AQMD Attorney)	Rules	Reason for Petition/Hearing	South Coast AQMD Position/Hearing Board Action	Type and Length of Variance or Order	Excess Emissions
1. City of San Bernardino Municipal Water Department Case No. 6124-1 (Consent Calendar)		To provide a status report/update on compliance with the conditions and increments of progress. No modification or extension was requested.	Not Opposed/No Action	Status Report given; no action taken.	None
2. Franklin Mechanical Systems, Inc. Case No. 6217-1 (K. Manwaring)	1111(c)(5)	Petitioner requested a RV but was not familiar with Rule 1111. Petitioner paid the mitigation fees but was still required to complete installation by the 09/30/21, deadline for the particular equipment, that was designed and purchased for this project, but due to COVID, equipment was delayed 7 weeks.	Opposed/Denied	RV denied for lack of reasonable control.	None
3. The Newark Group, Inc., dba Greif, Inc Case No. 6219-1 (J. Lee)	203(b) 2004(f)(1) 3002(c)(1)	Petitioner requested an IV due to breakdown of equipment and problems acquiring a contractor to complete the work.	Not Opposed/Dismissed	IV dismissed without prejudice for lack of diligence.	None
4. South Coast AQMD vs. 365 Disposal and Recycling Case No. 6213-1 (K. Roberts)	203(b) 403(d)(1)(A) 403(d)(2) 403(d)(4) 1133.1(d)(3) 1133.1(d)(4) 1133.1(e)	Following the 11/02/21 Hearing, the South Coast AQMD received 69 complaints from the public re: Fugitive Dust, odors, and poor air quality. The inspector reported poor onsite recordkeeping, subsequently NOVs were issued.	Stipulated/Issued	Mod. O/A issued commencing 12/15/21 and continuing through 7/1/22. The Board shall retain jurisdiction over this matter until 7/1/22.	N/A

<p>5. Southern California Edison, Pebbly Beach Generating Station Case No. 1262-114 (M. Reichert)</p>	<p>203(b) 1470(c)(4)(A) 2004(f)(1) 3002(c)(1)</p>	<p>Petitioner sought IV relief from Rule 1470, for its main baseload generator, being the largest in capacity and lowest in emissions. This unit should have been reclassified as a new reconstructed engine. South Coast AQMD staff realized SCE was out of compliance while working on their Title V Permit Renewal.</p>	<p>Not Opposed/Dismissed</p>	<p>IV dismissed without prejudice for lack of diligence.</p>	<p>None</p>
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Acronyms

- IV: Interim Variance
- Mod.: Modification
- N/A: Not Applicable
- O/A: Order for Abatement
- RV: Regular Variance
- SV: Short Variance

Rules from which Variances and Orders for Abatement were Requested in 2021

Rules	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Actions
109(c)(1)										1			1
202(c)						1				1			2
203									1		1		2
203(a)							1			1			2
203(b)	2	3	2	5	2	3	5	4	1	4	2	3	36
401(b)											1		1
401(b)(1)								1					1
402								1		1	1		3
403(d)(1)(A)							1		1		1	1	4
403(d)(2)							1		1		1	1	4
403(d)(4)							1		1		1	1	4
407(a)											1		1
415(d)(1)(C)(ii)						1							1
415(e)(1)						1							1
415(e)(5)						1							1
415(e)(6)						1							1
431.1(c)(4)							1						1
431.1(d)(1)							1						1
431.1(d)(2)							1						1
431.1(d)(3)							1						1
431.1(g)(8)							1						1
462(d)(1)				1									1
462(e)(1)(E)(i)(II)				1									1
463(c)										1			1
1100(e)(1)(B)			2			1							3
1110.2(d)(1)(B)(ii)						1							1
1110.2(f)(1)(C)(ii)						1							1
1110.2(f)(1)(D)(iii)						1							1
1110.2(f)(1)(H)(i)						1							1
1111(c)(5)									1			1	2
1133(d)(2)							1						1
1133.1(d)(3)							1		1		1	1	4

Rules from which Variances and Orders for Abatement were Requested in 2021

Rules	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Actions
1133.1(d)(4)							1		1		1	1	4
1133.1(e)											1	1	2
1133.1(e)(1)							1						1
1146										1	1		2
1146(c)(1)(I)			1										1
1146(c)(4)			1										1
1146(d)(3)								1					1
1146(e)(4)			1										1
1147						1				1			2
1148.1(d)(8)										1			1
1150.1(e)(1)		1											1
1151								1					1
1151(e)(3)								1					1
1151(g)(2)								1					1
1153.1						1				1			2
1173(d)(1)(B)										1			1
1196(d)(2)(1)							1						1
1196(f)(8)(a)							1						1
1196(f)(10)							1						1
1403(b)(9)							1						1
1403(b)(10)							1						1
1403(b)(20)							1						1
1403(h)(2)							1						1
1420(h)(5)					1		1						2
1421	9	6											15
1469	1												1
1469.1(d)					1		1		1				3
1470(c)(4)(A)												1	1
2004(f)(1)		3	2	2	2		4	2	1	3	1	2	22
3002(c)(1)	1	3	1	3	2		3	2	1	3	2	2	23
H&S Code 41700										1	1		2
H&S Code 41701											1		1

SOUTH COAST AQMD RULES AND REGULATIONS INDEX
2021 HEARING BOARD CASES AS OF DECEMBER 31, 2021

REGULATION I – GENERAL PROVISIONS

Rule 109 Recordkeeping of Volatile Organic Compound Emissions

REGULATION II – PERMITS

Rule 202 Temporary Permit Operate

Rule 203 Permit to Operate

REGULATION IV – PROHIBITIONS

Rule 401 Visible Emissions

Rule 402 Nuisance

Rule 403 Fugitive Dust

Rule 407 Liquid & Gaseous Air Contaminants

Rule 415 Odors from Rendering Facilities

Rule 431.1 Sulfur Content of Gaseous Fuels

Rule 462 Organic Liquid Loading

Rule 463 Organic Liquid Storage

REGULATION XI - TOXICS AND OTHER NON-CRITERIA POLLUTANTS

Rule 1100 Implementation of NOx Facilities

Rule 1110.2 Emissions from Gaseous - and Liquid-Fueled Engines

Rule 1111 Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces

Rule 1133 Composting and Related Operations

Rule 1133.1 Chipping and Grinding Activities

Rule 1146 Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters

Rule 1147 NOx Reductions from Miscellaneous Sources

Rule 1148.1 Oil and Gas Production Wells

Rule 1150.1 Control of Gaseous Emissions from Municipal Solid Waste Landfills

Rule 1151 Motor Vehicle Coating Operations

Rule 1153.1 Emissions of Oxides of Nitrogen from Commercial Food Ovens

Rule 1173 Control of VOC Leaks and Releases from Components at Petroleum Facilities and Chemical Plants

Rule 1196 Clean On-Road Heavy-Duty Public Fleet Vehicles

REGULATION XIV - TOXICS AND OTHER NON-CRITERIA POLLUTANTS

- Rule 1403 Asbestos Emissions from Demolition Renovation Activities
- Rule 1420 Emissions Standards for Lead
- Rule 1421 Control of Perchloroethylene Emissions from Dry Cleaning Systems
- Rule 1469 Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations
- Rule 1469.1 Spraying Operations Using Coatings Containing Chromium
- Rule 1470 Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines

REGULATION XX – REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

- Rule 2004 Requirements

REGULATION XXX – TITLE V PERMITS

- Rule 3002 Requirements

CALIFORNIA HEALTH AND SAFETY CODE

- §41700 Prohibited Discharges
- §41701 Restricted Discharges

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BOARD MEETING DATE: February 4, 2022

AGENDA NO. 10

REPORT: Civil Filings and Civil Penalties Report

SYNOPSIS: This report summarizes monthly penalties and legal actions filed by the General Counsel's Office from December 1 through December 31, 2021. An Index of South Coast AQMD Rules is attached with the penalty report.

COMMITTEE: Stationary Source, January 21, 2022, Reviewed

RECOMMENDED ACTION:
Receive and file.

Bayron T. Gilchrist
General Counsel

BTG:ew

There are no Civil Filings for December 2021.

Attachments

December 2021 Penalty Report

Index of South Coast AQMD Rules and Regulations

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
General Counsel's Office**

Settlement Penalty Report (12/01/2021 - 12/31/2021)

Total Penalties

Civil Settlement: \$613,664.00
Criminal Referral Settlement: \$9,646.36
MSPAP Settlement: \$21,011.00
Hearing Board Settlement: \$20,000.00

Total Cash Settlements: \$664,321.36

Fiscal Year through 12/31/2021 Cash Total : \$2,268,534.35

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
189870	BAJA RANCH MARKET #5	1415.1	12/16/2021	JL	P66965	\$3,500.00
47771	DELEO CLAY TILE CO INC	2012	12/29/2021	VT	P68309	\$500.00
170682	LOAN DEPOT	2202	12/29/2021	RL	P64782	\$28,500.00
177219	PROLOGIS	403	12/29/2021	SH	P64770	\$1,750.00
189622	READY SEAL, INCORPORATION	314, 1113	12/03/2021	WW	P66963	\$566,664.00
800113	ROHR, INC.	2004	12/29/2021	DH	P64388	\$3,500.00
134013	SIMAAN SERVICES/ VALLERO	203(b), 461, H&S 41960.2	12/29/2021	SP	P67681, P67692	\$250.00
800128	SO CAL GAS CO	1110.2, 3002(C)(1)	12/15/2021	NS	P67925	\$5,000.00
164237	USA COLLISION CENTER	203, 1151	12/16/2021	DH	P68258, P68708	\$4,000.00
Total Civil Settlements: \$613,664.00						
Criminal Referral						
164111	COASTAL RISK MANAGEMENT INC	1403	12/30/2021	GV	P69409	\$4,709.92
188909	SYSTEM 1 INTERIORS	1403, 40 CFR 61.145	12/30/2021	GV	P66480	\$4,936.44
Total Criminal Referral Settlements: \$9,646.36						

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Hearing Board						
104234	SCAQMD v. Mission Foods	1153.1, 1303, 202, 203(b)	12/29/2021	KCM	5400-4	\$20,000.00
Total Hearing Board Settlements: \$20,000.00						
MSPAP						
147565	ANB GAS MART#1, TRISHA ENT. INC.	203(b)	12/14/2021	GC	P66384	\$810.00
139541	AT CORPORATION	461, H&S 41960.2	12/29/2021	GC	P66388	\$553.00
168901	AUTOCRAFT ON SANTA MONICA	1151(e)(1)	12/14/2021	TCF	P66821	\$800.00
9366	BACHEM INC.	203	12/14/2021	GC	P50746	\$680.00
156561	BLESS AUTO COLLISION	1151(e)(1)	12/29/2021	GC	P65220	\$400.00
122538	CHEVRON PRODUCTS CO, STATION #91733	461, H&S 41960.2	12/29/2021	GC	P66018	\$750.00
162374	CITY OF DUARTE	203(b)	12/29/2021	GC	P66564	\$1,200.00
191621	COASTLINE DEVELOPMENT INC	1403, 40 CFR 61.145	12/29/2021	GC	P65532, P65533	\$1,600.00
171206	CORONA AIR PAINT, NORBERTO SEIDE	203(b), 1171	12/14/2021	TCF	P65389	\$1,600.00
134828	FERNANDO'S BODY SHOP, FERNANDO GONZALEZ	1151, 1171	12/29/2021	GC	P68512	\$800.00
181514	H & H GASOLINE	203(b), 461	12/29/2021	GC	P69602	\$1,200.00
100758	HARBOR CLEANERS	1402	12/15/2021	GC	P65654	\$640.00
23401	HOOD MFG INC	3002(c)(1)	12/15/2021	GC	P68904	\$850.00
175427	KAZI ASSOCIATES, INC.	203(a), 461	12/29/2021	GC	P69027	\$728.00
149722	MATRIX ENVIRONMENTAL, INC	1403	12/15/2021	TCF	P69445	\$500.00
189508	OTO CUSTOMS AUTOBODY AND PAINT	1151(e)(1)	12/29/2021	TCF	P65074	\$1,000.00
154633	RAAM INC DBA CYPRESS UNION	461	12/15/2021	GC	P68140	\$300.00
179544	SUNOIL RETAIL GROUP INC	203(A), 461(E)(2)	12/29/2021	TCF	P70165, P70172	\$4,000.00
152974	UNITED EXCAVATION	403	12/29/2021	TCF	P68644	\$1,000.00
170210	UNITED HEALTHCARE/JONES LANG LASALLE	1415	12/15/2021	TCF	P63892	\$1,600.00
Total MSPAP Settlements: \$21,011.00						

SOUTH COAST AQMD RULES AND REGULATIONS INDEX
DECEMBER 2021 PENALTY REPORT

REGULATION II - PERMITS

- Rule 202 Temporary Permit to Operate
- Rule 203 Permit to Operate

REGULATION III - FEES

- Rule 314 Fees for Architectural Coatings

REGULATION IV - PROHIBITIONS

- Rule 403 Fugitive Dust
- Rule 461 Gasoline Transfer and Dispensing

REGULATION XI - SOURCE SPECIFIC STANDARDS

- Rule 1110.2 Emissions from Gaseous- and Liquid-Fueled Internal Combustion Engines
- Rule 1113 Architectural Coatings
- Rule 1151 Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations
- Rule 1153.1 Emissions of Oxides of Nitrogen from Commercial Food Ovens
- Rule 1171 Solvent Cleaning Operations

REGULATION XIII - NEW SOURCE REVIEW

- Rule 1303 Requirements

REGULATION XIV - TOXICS

- Rule 1402 Control of Toxic Air Contaminants from Existing Sources
- Rule 1403 Asbestos Emissions from Demolition/Renovation Activities
- Rule 1415 Reduction of Refrigerant Emissions from Stationary Refrigeration and Air Conditioning Systems
- Rule 1415.1 Reduction of Refrigerant Emissions from Stationary Refrigeration Systems

REGULATION XX REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

- Rule 2004 Requirements
- Rule 2012 Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions

REGULATION XXII ON-ROAD MOTOR VEHICLE MITIGATION

- Rule 2202 On-Road Motor Vehicle Mitigation Options

REGULATION XXX - TITLE V PERMITS

Rule 3002 Requirements for Title V Permits

CALIFORNIA HEALTH AND SAFETY CODE

41960.2 Gasoline Vapor Recovery

CODE OF FEDERAL REGULATIONS

40 CFR 61.145 Standard for Demolition and Renovation

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BOARD MEETING DATE: February 4, 2022

AGENDA NO. 11

REPORT: Lead Agency Projects and Environmental Documents Received

SYNOPSIS: This report provides a listing of CEQA documents received by South Coast AQMD between December 1, 2021 and December 31, 2021, and those projects for which South Coast AQMD is acting as lead agency pursuant to CEQA.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Wayne Nastri
Executive Officer

SR:SN:MM:LS:MC

CEQA Document Receipt and Review Logs (Attachments A and B) – Each month, South Coast AQMD receives numerous CEQA documents from other public agencies on projects that could adversely affect air quality. A listing of all documents received during the reporting period December 1, 2021 to December 31, 2021 is included in Attachment A. A list of active projects for which South Coast AQMD staff is continuing to evaluate or prepare comments for the September, October, and November reporting periods is included as Attachment B. A total of 65 CEQA documents were received during this reporting period and 16 comment letters were sent.

The Intergovernmental Review function, which consists of reviewing and commenting on the adequacy of the air quality analysis in CEQA documents prepared by other lead agencies, is consistent with the Board's 1997 Environmental Justice Guiding Principles and Environmental Justice Initiative #4. As required by the Environmental Justice Program Enhancements for FY 2002-03, approved by the Board in October 2002, each attachment notes proposed projects where South Coast AQMD has been contacted regarding potential air quality-related environmental justice concerns. South Coast AQMD has established an internal central contact to receive information on projects

with potential air quality-related environmental justice concerns. The public may contact South Coast AQMD about projects of concern by the following means: in writing via fax, email, or standard letters; through telephone communication; and as part of oral comments at South Coast AQMD meetings or other meetings where South Coast AQMD staff is present. The attachments also identify, for each project, the dates of the public comment period and the public hearing date, if applicable. Interested parties should rely on the lead agencies themselves for definitive information regarding public comment periods and hearings as these dates are occasionally modified by the lead agency.

At the January 6, 2006 Board meeting, the Board approved the Workplan for the Chairman's Clean Port Initiatives. One action item of the Chairman's Initiatives was to prepare a monthly report describing CEQA documents for projects related to goods movement and to make full use of the process to ensure the air quality impacts of such projects are thoroughly mitigated. In response to describing goods movement, CEQA documents (Attachments A and B) are organized to group projects of interest into the following categories: goods movement projects; schools; landfills and wastewater projects; airports; general land use projects, etc. In response to the mitigation component, guidance information on mitigation measures was compiled into a series of tables relative to off-road engines; on-road engines; harbor craft; ocean-going vessels; locomotives; fugitive dust; and greenhouse gases. These mitigation measure tables are on the CEQA webpages portion of South Coast AQMD's website at: <http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/mitigation-measures-and-control-efficiencies>. Staff will continue compiling tables of mitigation measures for other emission sources.

Staff focuses on reviewing and preparing comments for projects: where South Coast AQMD is a responsible agency; that may have significant adverse regional air quality impacts (e.g., special event centers, landfills, goods movement); that may have localized or toxic air quality impacts (e.g., warehouse and distribution centers); where environmental justice concerns have been raised; and which a lead or responsible agency has specifically requested South Coast AQMD review. If staff provided written comments to the lead agency as noted in the column "Comment Status," there is a link to the "South Coast AQMD Letter" under the Project Description. In addition, if staff testified at a hearing for the proposed project, a notation is provided under the "Comment Status." If there is no notation, then staff did not provide testimony at a hearing for the proposed project.

During the period of December 1, 2021 to December 31, 2021, South Coast AQMD received 65 CEQA documents. Of the 77 documents listed in Attachments A and B:

- 16 comment letters were sent;
- 42 documents were reviewed, but no comments were made;
- 19 documents are currently under review;
- 0 documents did not require comments (e.g., public notices);
- 0 documents were not reviewed; and
- 0 document was screened without additional review.

(The above statistics are from December 1, 2021 to December 31, 2021 and may not include the most recent “Comment Status” updates in Attachments A and B.)

Copies of all comment letters sent to lead agencies can be found on South Coast AQMD’s CEQA webpage at the following internet address:

<http://www.aqmd.gov/home/regulations/ceqa/commenting-agency>.

South Coast AQMD Lead Agency Projects (Attachment C) – Pursuant to CEQA, South Coast AQMD periodically acts as lead agency for stationary source permit projects. Under CEQA, the lead agency is responsible for determining the type of CEQA document to be prepared if the proposal for action is considered to be a “project” as defined by CEQA. For example, an Environmental Impact Report (EIR) is prepared when South Coast AQMD, as lead agency, finds substantial evidence that the project may have significant adverse effects on the environment. Similarly, a Negative Declaration (ND) or Mitigated Negative Declaration (MND) may be prepared if South Coast AQMD determines that the project will not generate significant adverse environmental impacts, or the impacts can be mitigated to less than significance. The ND and MND are written statements describing the reasons why projects will not have a significant adverse effect on the environment and, therefore, do not require the preparation of an EIR.

Attachment C to this report summarizes the active projects for which South Coast AQMD is lead agency and is currently preparing or has prepared environmental documentation. As noted in Attachment C, South Coast AQMD continued working on the CEQA documents for three active projects during December.

Attachments

- A. Incoming CEQA Documents Log
- B. Ongoing Active Projects for Which South Coast AQMD Has or Will Conduct a CEQA Review
- C. Active South Coast AQMD Lead Agency Projects

**ATTACHMENT A
INCOMING CEQA DOCUMENTS LOG
December 1, 2021 to December 31, 2021**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Warehouse & Distribution Centers</i> SBC211209-04 Sierra Business Center Project#	The project consists of construction of a 705,735 square foot warehouse on 32 acres. The project is located on the northeast corner of Cypress Avenue and Slover Avenue. Reference SBC210506-05 and SBC201015-01 Comment Period: N/A Public Hearing: 12/21/2021	Final Environmental Impact Report	City of Fontana	Document reviewed - No comments sent for this document received
<i>Warehouse & Distribution Centers</i> SBC211221-02 Speedway Commerce Center II#	The project consists of construction of 6,600,000 square feet of warehouses, 261,360 square feet of commercial uses, 78 acres of parking uses, 33.2 acres of roadways and infrastructure, and 10.2 acres of open space on 432.1 acres. The project is located on the southwest corner of Whittram Avenue and Cherry Avenue in the City of Fontana. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/january/SBC211221-02.pdf Comment Period: 12/13/2021 - 1/13/2022 Public Hearing: 1/11/2022	Notice of Preparation	County of San Bernardino	South Coast AQMD staff commented on 1/11/2022
<i>Warehouse & Distribution Centers</i> SBC211223-05 Slover and Alder Avenue Industrial Project	The project consists of construction of a 259,481 square foot warehouse on 13.23 acres. The project is located on the southeast corner of Slover Avenue and Alder Avenue in the community of Bloomington. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/january/SBC211223-05.pdf Comment Period: 12/22/2021 - 1/21/2022 Public Hearing: 1/18/2022	Notice of Preparation	County of San Bernardino	South Coast AQMD staff commented on 1/11/2022
<i>Airports</i> LAC211214-01 Los Angeles International Airport (LAX) Airfield and Terminal Modernization Project#	The project consists of construction of an automated people mover station, a pedestrian bridge, an 11 gate concourse facility, and a 12 gate terminal. The project will also include westerly extension of one taxiway, reconfiguration of runway exits, and removal of remote gates. The project is located in the north and south airfields within the Los Angeles International Airport. The north airfield is located near the northeast corner of Pershing Drive and Sepulveda Boulevard. The south airfield is located at Taxiway C between Sepulveda Boulevard and Aviation Boulevard. Reference LAC210818-03, LAC210527-06, LAC201029-01, LAC190619-11, and LAC190404-01 Comment Period: N/A Public Hearing: N/A	Notice of Finding of No Significant Impact, Record of Decision, and Final General Conformity	Los Angeles World Airports	Document reviewed - No comments sent for this document received

- Project has potential environmental justice concerns due to the nature and/or location of the project. Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

**ATTACHMENT A
INCOMING CEQA DOCUMENTS LOG
December 1, 2021 to December 31, 2021**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Industrial and Commercial</i> LAC211209-02 AltAir Renewable Fuels Conversion Project	The project consists of conversion of existing 50,000 barrels per day crude oil refinery to a 25,000 barrels per day renewable fuels production facility, installation of pre-treatment, processing, and recovery units, and construction of rail loading and unloading racks and pipelines on 66 acres. The project is located at 14700 Downey Avenue near the northwest corner of Somerset Boulevard and Lakewood Boulevard. Reference LAC200623-07 Comment Period: 12/6/2021 - 2/3/2022 Public Hearing: N/A	Notice of Availability of a Draft Subsequent Environmental Impact Report	City of Paramount	Under review, may submit written comments
<i>Industrial and Commercial</i> LAC211216-02 ENV-2019-4984: 2417-2455 North Thomas Street	The project consists of construction of a 10,000 square foot office on 93,340 square feet. The project is located near the northwest corner of North Thomas Street and North Broadway Boulevard. Comment Period: 12/16/2021 - 1/15/2022 Public Hearing: N/A	Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
<i>Industrial and Commercial</i> LAC211221-04 Smoky Hollow Specific Plan Amendment and Community Benefits Plan for the Standard Works Project	The project consists of construction of 89,406 square feet of office and retail uses on 2.08 acres. The project is located on the northwest corner of Kansas Street and East El Segundo Boulevard. Comment Period: 12/17/2021 - 1/14/2022 Public Hearing: 1/27/2022	Notice of Intent to Adopt a Mitigated Negative Declaration	City of El Segundo	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> LAC211216-03 Donald C. Tillman Water Reclamation Plant Japanese Garden Discharge Reuse Project	The project consists of construction of a recycled water diversion facility with a capacity of 4,820 acre feet per year and 80 linear feet of recycled water pipelines. The project is located at 6100 Woodley Avenue near the southeast corner of Victory Boulevard and Woodley Avenue in the community of Van Nuys. Comment Period: 12/14/2021 - 1/28/2022 Public Hearing: 1/10/2022	Notice of Intent to Adopt a Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received

- Project has potential environmental justice concerns due to the nature and/or location of the project. Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

**ATTACHMENT A
INCOMING CEQA DOCUMENTS LOG
December 1, 2021 to December 31, 2021**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Waste and Water-related</i> ORC211207-08 La Palma Project	The project consists of development of cleanup actions to remediate soil, soil vapor, and groundwater contaminated with volatile organic compounds, installation of a soil vapor extraction system, and a land use covenant to limit groundwater uses on 5.9 acres. The project is located on the northwest corner of North Anaheim Boulevard and West La Palma Avenue in the City of Anaheim. Comment Period: 12/1/2021 - 1/16/2022 Public Hearing: N/A	Draft Removal Action Workplan	Department of Toxic Substances Control	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> ORC211209-06 The McColl Superfund Site	The project consists of execution of an agreement to recover costs for cleanup activities on 22 acres. The project is located on the southwest corner of Rosecrans Avenue and Sunny Ridge Drive in the City of Fullerton. Comment Period: 12/10/2021 - 1/10/2022 Public Hearing: N/A	Notice of Partial Consent Decree	Department of Toxic Substances Control	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> ORC211228-01 Prima Deshecha General Development Plan - Zone 4 Construction Projects	Staff provided comments on the Draft Supplemental Environmental Impact Report for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/september/ORC210805-03.pdf . The project consists of removal of nine million cubic yards of hard rock material and installation of soil liners for future landfill uses on 1,530 acres. The project is located at 32250 La Pata Avenue on the southeast corner of La Pata Avenue and Stallion Ridge in the City of San Juan Capistrano. Reference ORC210805-03 and ORC180816-09 Comment Period: N/A Public Hearing: 1/25/2022	Response to Comments	Orange County Waste and Recycling	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> RVC211209-03 Riverside Levees Repair Project	The project consists of repairs and restoration of existing levees to reduce erosion and flood risk. The project is located along the Santa Ana River between Market Street and Mission Inn Boulevard in Riverside County. Reference RVC200218-02 Comment Period: 12/9/2021 - 12/23/2021 Public Hearing: N/A	Notice of Availability of a Draft Environmental Assessment	United States Department of the Army, Army Corps of Engineers	Document reviewed - No comments sent for this document received

- Project has potential environmental justice concerns due to the nature and/or location of the project. Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

**ATTACHMENT A
INCOMING CEQA DOCUMENTS LOG
December 1, 2021 to December 31, 2021**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Plans and Regulations</i> RVC211201-02 Barton Road Specific Plan	The project consists of development of goals, land use policies, design standards, and implementation strategies to guide future development on 569.7 acres. The project is located along Barton Road between Interstate 215 and Victoria Street. Comment Period: 11/29/2021 - 12/29/2021 Public Hearing: N/A	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Grand Terrace	Document reviewed - No comments sent for this document received
<i>Plans and Regulations</i> SBC211207-04 Rancho Cucamonga General Plan Update 2020	The project consists of updates to the City's General Plan to develop policies, goals, and strategies to guide future development with a planning horizon of 2041. The project encompasses 40.12 square miles and is bounded by unincorporated areas of San Bernardino County to the north, City of Fontana to the east, City of Ontario to the south, and City of Upland to the west. Reference SBC210914-03 and SBC210511-04 Comment Period: N/A Public Hearing: 12/15/2021	Notice of Availability of a Final Environmental Impact Report	City of Rancho Cucamonga	Document reviewed - No comments sent for this document received

- Project has potential environmental justice concerns due to the nature and/or location of the project. Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

ATTACHMENT C
ACTIVE SOUTH COAST AQMD LEAD AGENCY
PROJECTS THROUGH DECEMBER 31, 2021

PROJECT DESCRIPTION	PROPONENT	TYPE OF DOCUMENT	STATUS	CONSULTANT
<p>Matrix Oil is proposing to: 1) install one new flare with a maximum rating of 39 million British thermal units per hour (MMBtu/hr) at Site 3 of the Sansinena Oil Field; and 2) increase the throughput of the existing flare at Site 9 from the previous permit limit of 13.65 million standard cubic feet over a 30-day period (MMSCF/30 days) to the maximum rating of 39 MMBtu/hr which is equivalent to 25.39 MMSCF/30 days.</p>	Matrix Oil	Mitigated Negative Declaration	The consultant provided a preliminary draft Mitigated Negative Declaration and South Coast AQMD staff has provided comments which are being addressed by the consultant.	Yorke Engineering
<p>Quemetco is proposing to modify existing South Coast AQMD permits to allow the facility to recycle more batteries and to eliminate the existing daily idle time of the furnaces. The proposed project will increase the rotary feed drying furnace feed rate limit from 600 to 750 tons per day and increase the amount of total coke material allowed to be processed. In addition, the project will allow the use of petroleum coke in lieu of or in addition to calcined coke, and remove one existing emergency diesel-fueled internal combustion engine (ICE) and install two new emergency natural gas-fueled ICEs.</p>	Quemetco	Environmental Impact Report (EIR)	<p>Two CEQA scoping meetings were held on September 13, 2018 and October 11, 2018 in the community on the Notice of Preparation/Initial Study (NOP/IS) and 153 oral comments were received. Responses to the comment letters and oral comments relative to the NOP/IS and CEQA scoping meetings have been prepared and are included in Appendix B of the Draft EIR. The Draft EIR was initially released for a 61-day public review and comment period from October 14, 2021 to December 14, 2021, but after receiving several requests seeking a longer review period, staff extended the public review and comment period by an additional 63 days to February 15, 2022.</p> <p>On November 10, 2021, staff held a public meeting which presented an overview of the proposed project, the CEQA process, detailed analysis of the potentially significant environmental topic areas, and the existing regulatory safeguards. Written comments submitted relative to the Draft EIR and oral comments made at the public meeting, along with responses will be included in the Final EIR.</p>	Trinity Consultants

PROJECT DESCRIPTION	PROPONENT	TYPE OF DOCUMENT	STATUS	CONSULTANT
<p>Sunshine Canyon Landfill is proposing to modify its South Coast AQMD permits for its active landfill gas collection and control system to accommodate the increased collection of landfill gas. The proposed project will: 1) install two new low emissions flares with two additional 300-hp electric blowers; and 2) increase the landfill gas flow limit of the existing flares.</p>	<p>Sunshine Canyon Landfill</p>	<p>Subsequent Environmental Impact Report (SEIR)</p>	<p>South Coast AQMD staff reviewed and provided comments on the preliminary air quality analysis and health risk assessment (HRA), which are being addressed by the consultant.</p>	<p>SCS Engineers</p>

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BOARD MEETING DATE: February 4, 2022

AGENDA NO. 12

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights South Coast AQMD rulemaking activities and public hearings scheduled for 2022.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Wayne Natri
Executive Officer

SLR:SN:IM:AK:ZS

2022 MASTER CALENDAR

The 2022 Master Calendar provides a list of proposed or proposed amended rules for each month, with a brief description, and a notation in the third column indicating if the rulemaking is for the 2016 AQMP, Toxics, AB 617 (for Best Available Retrofit Control Technology (BARCT) or measures identified in a Community Emission Reduction Plan (CERP)), or Other. Rulemaking efforts that are noted for implementation of the 2016 AQMP, Toxics, and AB 617 are either statutorily required and/or are needed to address a public health concern. Projected emission reductions will be determined during rulemaking.

Staff continues to move forward with rulemaking, recognizing stakeholders' resource limitations due to COVID-19. To maintain social distancing while integrating public participation in the rulemaking process, staff is connecting with stakeholders using tele- and videoconferencing. Also, staff has increased the review time for working group materials to allow stakeholders additional time to prepare for meetings.

The following symbols next to the rule number indicate if the rulemaking will be a potentially significant hearing, will reduce criteria pollutants, or is part of the RECLAIM transition. Symbols have been added to indicate the following:

- * *This rulemaking may have a substantial number of public comments.*
- + *This rulemaking will reduce criteria air contaminants and assist toward attainment of ambient air quality standards.*
- # *This rulemaking is part of the transition of RECLAIM to a command-and-control regulatory structure.*

The following table provides a list of changes since the previous Rule Forecast Report.

429	Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen
Proposed Amended Rule 429 is being moved from April to June 2022 to allow additional time for staff to work with stakeholders.	

2022 MASTER CALENDAR

Month	Title and Description	Type of Rulemaking
March		
1115	<p>Motor Vehicle Assembly Line Coating Operations Proposed Rule 1115 will address U.S. EPA RACT requirements for motor vehicle assembly line coating operations. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
April		
1147*+##	<p>NOx Reductions from Miscellaneous Sources Proposed Amended Rule 1147 will revise NOx emission limits to reflect BARCT for miscellaneous combustion sources and will apply to RECLAIM, former RECLAIM facilities, and non-RECLAIM facilities. Other revisions are to improve clarity and reflect categories that will be addressed in other rules. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP/ AB 617 BARCT
1147.2*+##	<p>NOx Reductions from Metal Melting and Heating Furnaces Proposed Rule 1147.2 will establish NOx emission limits to reflect BARCT for metal melting and heating furnaces and will apply to RECLAIM, former RECLAIM, and non-RECLAIM facilities. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP/ AB 617 BARCT
May		
Reg. III 318	<p>Fees – General Amendments Fees for Cost Recovery for Emissions Analyses Proposed amendments to Regulation III will incorporate the Consumer Price Index adjustment to reflect inflation pursuant to Rule 320. Other proposed amendments may be needed to update and add fees associated with existing programs and implementation of new or revised programs. Proposed Rule 318 will establish fees to recover costs when the South Coast AQMD conducts specific emissions analyses such as source tests or ambient monitoring that are associated with a specific owner or operator of a facility. <i>Elaine Shen 909 396. 2715; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</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

2022 MASTER CALENDAR (Continued)

Month	Title and Description	Type of Rulemaking
May (Continued)		
403.2	<p>Fugitive Dust from Large Roadway Projects Proposed Rule 403.2 will establish requirements to minimize PM emissions and require additional public notification for large roadway construction projects. <i>Eugene Kang 909.396.3524; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
June		Type of Rulemaking
218.2	<p>Enhanced Requirements for Continuous Emission Monitoring System</p>	Other
218.3	<p>Enhanced Requirements for Continuous Emission Monitoring System Performance Specifications Proposed Amended Rules 218.2 and 218.3 are needed to include provisions when monitoring mass emission limits using a Continuous Emissions Monitoring Systems for non-RECLAIM and former RECLAIM facilities. Other amendments may be needed for clarity or to remove obsolete provisions. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	
429	<p>Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen Proposed amendments to Rule 429 will update startup and shutdown provisions for a variety of combustion equipment regulated under source-specific rules. <i>Michael Morris 909-396-3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</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

2022 MASTER CALENDAR (Continued)

Month	Title and Description	Type of Rulemaking
August		
1148.2	<p>Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers Proposed amendments to Rule 1148.2 may be needed to expand the applicability of well activities, improve notifications of well working activities, add additional monitoring provisions, and to address other issues. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other/ AB 617 CERP
1153.1	<p>Emissions of Oxides of Nitrogen from Commercial Food Ovens Proposed amendments to Rule 1153.1 are needed to establish NOx BARCT limits for the RECLAIM transition. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP/ AB 617 BARCT
September		
1178	<p>Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities Proposed Amended Rule 1178 will incorporate the use of more advanced early leak detection methods and improve leak detection and repair programs for storage tanks to further reduce VOC emissions. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AB 617 CERP
1426.1	<p>Control of Hexavalent Chromium Emissions from Metal Finishing Operations 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. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics
1466.1	<p>Control of Particulate Emissions from Demolition of Building 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. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics

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

2022 MASTER CALENDAR (Continued)

Month	Title and Description	Type of Rulemaking
October		
1159.1	Control of NOx Emissions from Nitric Acid Tanks 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>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	AQMP/ AB 617 BARCT
2202*	On-Road Motor Vehicle Mitigation Options Proposed Amended Rule 2202 will streamline implementation for regulated entities, as well as reduce review and administration time for South Coast AQMD staff. Concepts may include program components to facilitate achieving average vehicle ridership targets. <i>Vicki White 909.396.3436; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	Other
2306	New Intermodal Railyard Indirect Source Rule Proposed Rule 2306 will establish requirements for new intermodal railyards to minimize emissions from indirect sources associated with new railyards. <i>Elaine Shen 909.396.2715; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	AQMP/ AB 617 CERP
Regulation XX*#	RECLAIM Proposed Amended Regulation XX will address the transition of RECLAIM facilities to a command-and-control regulatory structure. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	AQMP
November		
1135	Emissions of Oxides of Nitrogen from Electricity Generating Facilities 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	AQMP/ AB 617 BARCT
1151	Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations Proposed Amended Rule 1151 will provide clarifications of current requirements and amend provisions to address implementation issues. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706 Socio: Shah Dabirian 909.396.3076</i>	Other
1445*	Control of Toxic Emissions from Laser Arc Cutting Proposed Rule 1445 will establish requirements to reduce hexavalent chromium and other metal toxic air contaminant particulate emissions from laser arc cutting. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	Toxics

* Potentially significant hearing

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

2022 MASTER CALENDAR (Continued)

Month	Title and Description	Type of Rulemaking
November (Continued)		
1460	Control of Particulate Emissions from Metal Cutting and Shredding Operations Proposed Rule 1460 will establish housekeeping and best management practices to minimize fugitive particulate emissions from metal cutting and shredding operations. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	Other
Regulation XIII [#]	New Source Review 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. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	AQMP
December		
1146.2 [#]	Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters Proposed Amended Rule 1146.2 will update the NOx emission limits to reflect BARCT. Other provisions may be added to facilitate the deployment of zero-emission units regulated under the proposed amended rule. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	AQMP/ AB 617 BARCT
1180.1	Fenceline and Community Monitoring Proposed Rule 1180.1 will establish fenceline and community monitoring requirements for non-petroleum refineries and facilities that are not currently included in Rule 1180 – Refinery Fenceline and Community Air Monitoring. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	Other
2304	Marine Port Indirect Source Rule Proposed Rule 2304 will reduce emissions from indirect sources related to marine ports and is included in the rule calendar as a placeholder in case a Memorandum of Understanding to reduce emissions cannot be reached with the Ports of Los Angeles and Long Beach. <i>Elaine Shen 909.396.2715; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	AQMP

* Potentially significant hearing

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

2022 To-Be-Determined

2022	Title and Description	Type of Rulemaking
102	<p>Definition of Terms Proposed amendments may be needed to update and add definitions, and potentially modify exemptions. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
103	<p>Definition of Geographical Areas Proposed amendments are needed to update geographic areas to be consistent with state and federal references to those geographic areas. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
209	<p>Transfer and Voiding of Permits Proposed amendments may be needed to clarify requirements for change of ownership and permits and the assessment of associated fees. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
219	<p>Equipment Not Requiring a Written Permit Pursuant to Regulation II Proposed Amendments may be needed to address issues raised by U.S. EPA for approval in the State Implementation Plan or to identify sources that are currently exempt from permitting. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
222	<p>Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II Proposed Amendments may be needed to require certain equipment that is currently not permitted to register the equipment to gather information and emissions data. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
223	<p>Emission Reduction Permits for Large Confined Animal Facilities 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP
317	<p>Clean Air Act Non-Attainment Fees Proposed amendments may be needed to modify CAA Section 185 fees for non-attainment. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</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

2022 To-Be-Determined (Continued)

2022	Title and Description	Type of Rulemaking
403.1	<p>Supplemental Fugitive Dust Control Requirements for Coachella Valley Sources Proposed Amended Rule 403.1 would clarify existing requirements for dust control and remove outdated provisions contained in supporting documents for Rule 403.1. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
407 [#]	<p>Liquid and Gaseous Air Contaminants Proposed Amended Rule 407 will update SO_x 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AB 617 BARCT
410	<p>Odors from Transfer Stations and Material Recovery Facilities 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
425	<p>Odors from Cannabis Processing Proposed Rule 425 will establish requirements for control of odors from cannabis processing. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
430	<p>Breakdown Provisions Amendments to Rule 430 will be needed to amended 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	RECLAIM Other
431.1 [#]	<p>Sulfur Content of Gaseous Fuels Proposed Amended Rule 431.1 will assess exemptions, including RECLAIM, and update other provisions, if needed. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AB 617 BARCT/ AB 617 CERP
431.2 [#]	<p>Sulfur Content of Liquid Fuels Proposed Amended Rule 431.2 will assess exemptions, including RECLAIM, and update other provisions, if needed. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</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

2022 To-Be-Determined (Continued)

2022	Title and Description	Type of Rulemaking
431.3 [#]	<p>Sulfur Content of Fossil Fuels Proposed Amended Rule 431.3 will assess exemptions, including RECLAIM, and update other provisions, if needed. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AB 617 BARCT/ AB 617 CERP
442.1 1107 1124 1136 1145 1171	<p>Usage of Solvent Coating of Metal Parts and Products Aerospace Assembly and Component Manufacturing Operations Wood Products Coatings Plastic, Rubber, Leather, and Glass Coatings Solvent Cleaning Operations Proposed amendments will prohibit the sale, distribution, and application of materials that do not meet the VOC limits specified in Regulation XI rules and possible provisions to prohibit circumvention of VOC limits. Other provisions may be needed to address exempt compounds. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
444	<p>Open Burning Amendments may be needed to clarify existing provisions. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
445 [*]	<p>Wood Burning Devices Proposed Amended Rule 445 will address additional U.S. EPA requirements for Best Available Control Measures and potentially address ozone contingency measure requirements for the Coachella Valley. Amendments may be needed to revise the penalty structure for violations on No Burn Days during the wood burning season. <i>Ian MacMillan 909.396.3244; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP
462	<p>Organic Liquid Loading 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
463	<p>Organic Liquid Storage Proposed Amended Rule 463 will address the current test method and improve the effectiveness, enforceability, and clarity of the rule. Proposed amendments may also be needed to ensure consistency with Rule 1178. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</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

2022 To-Be-Determined (Continued)

2022	Title and Description	Type of Rulemaking
468 [#]	<p>Sulfur Recovery Units Proposed Amended Rule 468 will update SO_x 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AB 617 BARCT
469 [#]	<p>Sulfuric Acid Units Proposed Amended Rule 469 will update SO_x 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AB 617 BARCT
1100	<p>Implementation Schedule for NO_x Facilities Proposed Amended Rule 1100 will establish the implementation schedule for Rule 1147 equipment at NO_x RECLAIM and former NO_x RECLAIM facilities. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	
1101 [#]	<p>Secondary Lead Smelters/Sulfur Oxides Proposed Amended Rule 1101 will update SO_x 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AB 617 BARCT
1105 [#]	<p>Fluid Catalytic Cracking Units Sox Proposed Amended Rule 1105 will update SO_x 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AB 617 BARCT/ AB 617 CERP
1110.2* ^{+#}	<p>Emissions from Gaseous- and Liquid-Fueled Engines Proposed amendments will address use of emergency standby engines at essential public services for Public Safety Power Shutoff programs. Proposed amendments may also be needed to incorporate possible comments by U.S. EPA for approval into the SIP and address monitoring provisions for new engines. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP/ AB 617 BARCT
1111.1	<p>Zero-Emission Residential Furnaces Proposed Rule 1111.1 may include provisions to encourage zero emission residential furnaces that goes beyond Rule 1111 for gas-fired furnaces. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP

* Potentially significant hearing

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

2022 To-Be-Determined (Continued)

2022	Title and Description	Type of Rulemaking
1113	<p>Architectural Coatings Proposed amendments may be needed address delisted compounds and other amendments to improve clarity and to remove obsolete provisions. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
1118*	<p>Control of Emissions from Refinery Flares Proposed Amended Rule 1118 will incorporate revisions to further reduce flaring at refineries, provisions for clean service flares, and facility thresholds. Other amendments to improve clarity and to remove obsolete provisions. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP/ AB 617 CERP
1119#	<p>Petroleum Coke Calcining Operations – Oxides of Sulfur 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AB 617 BARCT/ AB 617 CERP
1121*	<p>Control of Nitrogen Oxides from Residential Type, Natural-Gas-Fired Water Heaters Proposed amendments may be needed further reduce NOx emissions from water heaters. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP
1121.1	<p>Zero Emission Residential Water Heaters Proposed Rule 1121.1 may include provisions to encourage zero emission water heaters that goes beyond Rule 1121 for gas-fired water heaters. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP
1133.3	<p>Emission Reductions from Greenwaste Composting Operations 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>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP
1138	<p>Control of Emissions from Restaurant Operations Proposed Amended Rule 1138 will further reduce emissions from char boilers. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP

* Potentially significant hearing

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

2022 To-Be-Determined (Continued)

2022	Title and Description	Type of Rulemaking
1142	<p>Marine Tank Vessel Operations 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
1146	<p>Emissions of Oxides of Nitrogen from Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters Proposed amendments to Rule 1146 may be needed to incorporate comments from U.S. EPA. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
1146.1 [#]	<p>Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters Proposed amendments to Rule 1146.1 may be needed to clarify provisions for industry-specific categories and to incorporate comments from U.S. EPA. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
1148.1 [*]	<p>Oil and Gas Production Wells Proposed Amendments to Rule 1148.1 may be needed to further reduce emissions from operations, implement early leak detection, odor minimization plans, and enhanced emissions and chemical reporting from oil and drilling sites. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other/ AB 617 CERP
1165	<p>Control of Emissions from Incinerators Proposed Rule 1165 will establish emission standards, source testing, and monitoring, recordkeeping, and reporting requirements for incinerators. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP
1166	<p>Volatile Organic Compound Emissions from Decontamination of Soil Proposed Amended Rule 1166 will update requirements, specifically concerning notifications and usage of mitigation plans (site specific versus various locations). <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
1168	<p>Adhesive and Sealant Applications Amendments to Rule 1168 may be needed to address VOC limits for certain applications. Other amendments may also be needed. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other

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2022 To-Be-Determined (Continued)

2022	Title and Description	Type of Rulemaking
1171	<p>Solvent Cleaning Operations Proposed Amendments to Rule 1171 may be needed to address certain exempt chemicals and compliance issues. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706 Socio: Shah Dabirian 909.396.3076</i></p>	Other
1173	<p>Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants Proposed Amended Rule 1173 will further reduce emissions from petroleum and chemical plants by requiring early leak detection approaches. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other/ AB 617 CERP
1176	<p>VOC Emissions from Wastewater Systems 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other/ AB 617 CERP
1180	<p>Refinery Fenceline and Community Air Monitoring Amendments to Rule 1180 may be needed to provide additional clarity and if Proposed Rule 1180.1 is adopted, provisions may be needed to provide additional clarity. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
1403*	<p>Asbestos Emissions from Demolition/Renovation Activities 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>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics
1404	<p>Hexavalent Chromium Emissions from Cooling Towers 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: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics AQMP
1405	<p>Control of Ethylene Oxide and Chlorofluorocarbon Emissions from Sterilization or Fumigation Processes Amendments may be needed to address ethylene oxide emissions from sterilization of medical equipment. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics

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2022 To-Be-Determined (Continued)

2022	Title and Description	Type of Rulemaking
1415 1415.1	<p>Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems, and Reduction of Refrigerant Emissions from Stationary Refrigeration Systems</p> <p>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.</p> <p><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
1420	<p>Emissions Standard for Lead</p> <p>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><i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics
1420.1	<p>Emission Standards for Lead and Other Toxic Air Contaminants from Large Lead-Acid Battery Recycling Facilities</p> <p>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><i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics
1420.2	<p>Emission Standards for Lead from Metal Melting Facilities</p> <p>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><i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics
1435*	<p>Control of Emissions from Metal Heat Treating Processes</p> <p>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><i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics/ AB 617 CERP

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

2022 To-Be-Determined (Continued)

2022	Title and Description	Type of Rulemaking
1450*	<p>Control of Methylene Chloride Emissions Proposed Rule 1450 will reduce methylene chloride emissions from furniture stripping and establish monitoring, reporting, and recordkeeping requirements. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics
1455	<p>Control of Hexavalent Chromium Emissions from Torch Cutting and Welding Proposed Rule 1455 will establish requirements to reduce hexavalent chromium emissions from torch cutting and welding of chromium alloys. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics
1469	<p>Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations 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>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics
1470	<p>Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines Proposed Amended Rule 1470 will include provisions to further reduce diesel particulate emissions from stationary diesel-fueled internal combustion engines. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics
1472	<p>Requirements for Facilities with Multiple Stationary Emergency Standby Diesel-Fueled Internal Combustion Engines Proposed Amended Rule 1472 will remove provisions that are no longer applicable, update and streamline provisions to reflect the 2015 Health Risk Assessment Guidelines and assess the need for a Compliance Plans. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics
1480	<p>Toxics Monitoring Proposed amendments to Rule 1480 may be needed to remove fee provisions if they are incorporated in Regulation III. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Toxics/ AB 617 CERP

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

2022 To-Be-Determined (Continued)

2022	Title and Description	Type of Rulemaking
2306.1	<p>Existing Intermodal Railyard Indirect Source Rule Proposed Rule 2306.1 will establish requirements for existing intermodal railyards to minimize emissions from indirect sources associated with these facilities. <i>Ian MacMillan 909.396.3244; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP/ AB 617 CERP
Regulation XXIII* ⁺	<p>Facility-Based Mobile Sources Proposed rules within Regulation XXIII would reduce emissions from indirect sources (e.g., mobile sources that visit facilities). <i>Ian MacMillan 909.396.3244; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP/ Toxics/ AB 617 CERP
Regulation II, III, IV, XIV, XI, 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 2015 revised risk assessment guidance, changes from OEHHA to new or revised toxic air contaminants or their risk values, address variance issues, emission limits, technology-forcing emission limits, conflicts with other agency requirements, to abate a substantial endangerment to public health, additional reductions to meet SIP short-term measure commitments, to address issues raised by U.S. EPA or CARB for the SIP, compliance issues that are raised by the Hearing Board, or regulatory amendments needed as a result of the COVID-19 pandemic. 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 the 2012 or 2016 AQMP measures, and if adopted, 2022 AQMP measures. 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, or U.S. EPA’s National Emission Standards for Hazardous Air Pollutants. 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

⁺ 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

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BOARD MEETING DATE: February 4, 2022

AGENDA NO. 13

PROPOSAL: Report of RFQs/RFPs Scheduled for Release in February

SYNOPSIS: This report summarizes the RFQs/RFPs for budgeted services over \$100,000 scheduled to be released for advertisement for the month of February.

COMMITTEE: Administrative, January 14, 2022, Reviewed

RECOMMENDED ACTION:

Approve the release of RFQs/RFPs for the month of February.

Wayne Natri
Executive Officer

SJ:gp

Background

In January 2020, the Board approved a revised Procurement Policy and Procedure. Under the revised policy, RFQs/RFPs for budgeted items over \$100,000, which follow the Procurement Policy and Procedure, no longer require individual Board approval. However, a monthly report of all RFQs/RFPs over \$100,000 is included as part of the Board agenda package and the Board may, if desired, take individual action on any item. The report provides the title and synopsis of the RFQ/RFP, the budgeted funds available, and the name of the Deputy Executive Officer/Assistant Deputy Executive Officer responsible for that item. Further detail including closing dates, contact information, and detailed proposal criteria will be available online at <http://www.aqmd.gov/grants-bids> following Board approval on February 4, 2022.

Outreach

In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the RFQs/RFPs and inviting bids will be published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside

County's Press Enterprise newspapers to leverage the most cost-effective method of outreach to the South Coast Basin.

Additionally, potential bidders may be notified utilizing South Coast AQMD's own electronic listing of certified minority vendors. Notice of the RFQs/RFPs will be emailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations and placed on South Coast AQMD's website (<http://www.aqmd.gov>), where it can be viewed by making the selection "Grants & Bids."

Proposal Evaluation

Proposals received will be evaluated by applicable diverse panels of technically qualified individuals familiar with the subject matter of the project or equipment and may include outside public sector or academic community expertise.

Attachment

Report of RFQs/RFPs Scheduled for Release in February 2022.

**February 4, 2022 Board Meeting
Report on RFQs/RFPs Scheduled for Release on February 4, 2022**

**(For detailed information visit South Coast AQMD's website at
<http://www.aqmd.gov/nav/grants-bids>
following Board approval on February 4, 2022)**

SPECIAL TECHNICAL EXPERTISE

RFP #2022-08 Issue RFP for Landscape and Tree Maintenance
Services at Diamond Bar Headquarters

Olvera/2309

South Coast AQMD's landscape and tree maintenance services contracts expire June 30, 2022. This action is to issue an RFP to solicit bids from interested parties in order to secure a new three-year contract for these services. Funds for this contract will be included in the FY 2022-23 Budget and in subsequent budgets.

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 14

REPORT: Status Report on Regulation XIII – New Source Review

SYNOPSIS: This report presents the state and federal Preliminary Determination of Equivalency for January 2020 through December 2020. As such, it provides information regarding the status of Regulation XIII – New Source Review (NSR) in meeting state and federal NSR requirements and shows that South Coast AQMD’s NSR program is in preliminary compliance with applicable state and federal requirements from January 2020 through December 2020.

COMMITTEE: Stationary Source, January 21, 2022, Reviewed

RECOMMENDED ACTION:
Receive and file.

Wayne Nastri
Executive Officer

JA:JW:DO:GI:SKT

Summary

South Coast AQMD’s New Source Review (NSR) rules and regulations are designed to comply with state and federal Clean Air Act requirements and to ensure that emission increases from new and modified sources do not interfere with efforts to attain and maintain the state and federal air quality standards, while economic growth in the South Coast region is not unnecessarily impeded. Regulation XIII - New Source Review, regulates and accounts for all emission changes (both increases and decreases) from the permitting of new, modified, and relocated stationary sources within South Coast AQMD jurisdiction, excluding NO_x and SO_x sources that are subject to Regulation XX – Regional Clean Air Incentives Market (RECLAIM)¹.

¹ While the RECLAIM program is different than command and control rules for NO_x and SO_x and provides greater regulatory flexibility to business, its NSR requirements, as specified in Rule 2005, are designed to comply with the governing principles of NSR contained in the federal Clean Air Act (CAA) and the California State Health and Safety Code.

Rule 1315 – Federal New Source Review Tracking System, was adopted by the Board on February 4, 2011 to maintain South Coast AQMD’s ability to issue permits to major sources that require offsets but obtain offset credits from South Coast AQMD’s Priority Reserve under Rule 1309.1 - Priority Reserve, and/or that are exempt from offsets under South Coast AQMD Rule 1304 - Exemptions. Since these sources are not exempt from offsets under the federal Clean Air Act, South Coast AQMD provides offsets from South Coast AQMD’s internal account balances, which have been generated primarily from orphan shutdowns (*i.e.*, emissions reductions from sources that have shut down but did not apply for emission reduction credits). The purpose of this Determination of Equivalency is to show that there are sufficient offsets in the internal account balances to cover sources that used these offsets for the year in question and the offset needs projected for the following two years.

Rule 1315 requires that, commencing with calendar year 2010, and for each calendar year thereafter, the Executive Officer prepare a Preliminary Determination of Equivalency (PDE) and Final Determination of Equivalency (FDE), which cover NSR activities for twelve-month periods. The calendar year 2020 PDE and FDE are required to be reported to the Board at the February and September 2022 Board meetings, respectively. Rule 1315 also requires the Executive Officer to aggregate and track offsets debited from and deposited to South Coast AQMD’s internal offset accounts for specified periods between October 1, 1990 and December 31, 2005 and each calendar year from 2006 through 2030 for the purpose of making periodic determinations of compliance. The last annual report submitted to the Board on September 3, 2021 presented the FDE for calendar year 2019 and demonstrated that South Coast AQMD’s NSR program met the state and federal offset requirements for calendar year 2019.

This report, which presents the PDE covering the calendar year 2020 reporting period, demonstrates compliance with state and federal NSR requirements by establishing aggregate equivalence with state and federal offset requirements for sources that were not exempt from state and federal offset requirements, but were either exempt from offsets or obtained their offsets from South Coast AQMD pursuant to Regulation XIII.

The federal offset account PDE for calendar year 2020 is summarized in Table 1. Projections of South Coast AQMD’s federal offset account balances for January 2021 through December 2021 and January 2022 through December 2022, as specified and required pursuant to Rule 1315(e), are presented in Table 2. These results demonstrate that there were, and project that there will be, adequate offsets available to mitigate all applicable emission increases during these reporting periods. The state offset accounts for calendar year 2020 is summarized in Table 3. This report demonstrates that, for calendar years 2020 through 2022, South Coast AQMD’s NSR program continues to meet and is projected to meet state and federal offset requirements and is equivalent to

those requirements on an aggregate basis². The South Coast Air Basin was designated as being in attainment with the federal and state CO standards effective June 11, 2007, and therefore South Coast AQMD does not report CO accumulated credits and account balances in this equivalency determination. U.S. EPA designated the South Coast Air Basin as being in attainment with the federal PM10 standard effective July 26, 2013. However, the Coachella Valley has not attained the PM10 NAAQS, therefore, South Coast AQMD will continue to track and report PM10 (in the South Coast Air Basin) accumulated credits and account balances for informational purposes only.

**Table 1
Federal Offset Accounts PDE for January 2020 through December 2020**

DESCRIPTION	VOC	NO _x	SO _x	PM10
2019 Actual Ending Balance^a (tons/day)	113.22	24.26	4.37	16.87
2020 Discount of Credits for Surplus Adjustment ^b (tons/day)	0.00	-0.07	0.00	0.00
2020 Starting Balance (tons/day)	113.22	24.19	4.37	16.87
2020 Actual Total Debits ^c (lbs./day)	-188	-342	0	0
2020 Actual Total Debits^c (tons/day)	-0.09	-0.17	0.00	0.00
2020 Actual Total Credits ^d (lbs./day)	0	0	0	0
2020 Actual Total Credits^d (tons/day)	0.00	0.00	0.00	0.00
2020 Preliminary Ending Balance^e (tons/day)	113.13	24.02	4.37	16.87

- ^a “2019 Actual Ending Balance” was previously reported in Table 1 of the 2019 FDE dated September 3, 2021.
- ^b This adjustment is surplus at the time of use discount, which is also discussed in Rule 1315(c)(4).
- ^c For an explanation of the sources of debits please refer to page 8 of this report, as well as Rule 1315(c) and the February 4, 2011 Rule 1315 staff report. Debits are shown as negative.
- ^d PDE does not account for any credits for calendar year 2020. Credits will be included in the 2020 FDE.
- ^e “2020 Preliminary Ending Balance” equals the “2019 Actual Ending Balance” reduced by any surplus adjustments and the sum of actual debits.

² South Coast AQMD’s NSR program is deemed to be equivalent to state and federal offset requirements. South Coast AQMD’s ending offset account balances remained positive, indicating there were adequate offsets during this reporting period.

Table 2
Projections of South Coast AQMD's Federal Offset Account Balances for
January 2021 through December 2021, and
January 2022 through December 2022

DESCRIPTION	VOC	NO _x	SO _x	PM ₁₀
2020 Preliminary Ending Balance^a (tons/day)	113.13	24.02	4.37	16.87
2021 Total Projected Debits ^b (lbs./day)	-740	-380	-120	-360
2021 Total Projected Credits ^b (lbs./day)	6,580	2,080	500	1,300
2021 Sum of Projected Debits/Credits^b (lbs./day)	5,840	1,700	380	940
2021 Sum of Projected Debits/Credits^b (tons/day)	2.92	0.85	0.19	0.47
2021 Projected Ending Balance^c (tons/day)	116.05	24.87	4.56	17.34
2022 Total Projected Debits ^b (lbs./day)	-740	-380	-120	-360
2022 Total Projected Credits ^b (lbs./day)	6,580	2,080	500	1,300
2022 Sum of Projected Debits/Credits^b (lbs./day)	5,840	1,700	380	940
2022 Sum of Projected Debits/Credits^b (tons/day)	2.92	0.85	0.19	0.47
2022 Projected Ending Balance^d (tons/day)	118.97	25.72	4.75	17.81

^a “2020 Preliminary Ending Balance” is as shown in Table 1.

^b Projections are based upon the average of the total annual debits and the average of the total annual credits for the five reporting periods most recently included in a PDE or an FDE, pursuant to Rule 1315(e). For an explanation of the sources of debits and credits please refer to pages 8 and 9 of this report, as well as Rule 1315(c) and the Rule 1315 staff report. Debits are shown as negative and credits as positive, while the sum of debits/credits are shown as negative or positive, as appropriate.

^c “2021 Projected Ending Balance” equals the “2020 Preliminary Ending Balance” plus the “2021 Sum of Projected Debits/Credits.”

^d “2022 Projected Ending Balance” equals the “2021 Projected Ending Balance” plus the “2022 Sum of Projected Debits/Credits.”

Table 3**State Offset Accounts PDE for January 2020 through December 2020**

DESCRIPTION	VOC	NO _x	SO _x	PM ₁₀
2020 Actual Starting Balance^a (tons/day)	86.57	35.40	9.11	22.72
2020 Actual Total Credits ^b (tons/day)	0.00	0.00	0.00	0.00
2020 Actual Total Debits ^c (tons/day)	-1.11	-0.36	-0.04	0.00
2020 Sum of Actual Credits/Debits^c (lbs./day)	-2,219	-710	-74	-2
2020 Sum of Actual Credits/Debits^c (tons/day)	-1.11	-0.36	-0.04	0
2020 Actual Ending Balance^d (tons/day)	85.46	35.04	9.07	22.72

^a “2020 Actual Starting Balance” was previously reported (“2019 Actual Ending Balance”) in Table 5 of the 2019 FDE dated September 3, 2021.

^b PDE does not account for any credits for calendar year 2020. Credits will be included in the 2020 FDE.

^c For an explanation of the sources of credits and debits please refer to pages 8 and 9 of this report. Credits are shown as positive and debits as negative, while the sums of credits/debits are shown as positive or negative, as appropriate.

^d “2020 Actual Ending Balance” equals the “2020 Actual Starting Balance” plus the “2020 Sum of Actual Credits/Debits.”

Background

South Coast AQMD originally adopted its NSR program in 1976. U.S. EPA approved South Coast AQMD’s NSR program into the State Implementation Plan (SIP) initially on January 21, 1981 (46FR5965) and again on December 4, 1996 (61FR64291). U.S. EPA approved the May 3, 2002 Rule 1309.1 amendments into the SIP on June 19, 2006 (71FR35157). The original program has evolved into the current version of the Regulation XIII rules in response to state and federal legal requirements and the changing needs of the local environment and economy. Amendments to the NSR rules were adopted by the Board on December 6, 2002 to facilitate and provide additional options for credit generation and use. Rule 1315 was adopted and re-adopted on September 8, 2006 and August 3, 2007, respectively. Rule 1309.1 was amended and replaced on September 8, 2006 and August 3, 2007, respectively. On November 3, 2008, in response to a lawsuit filed by a group of environmental organizations, a California State Superior Court Judge in the County of Los Angeles invalidated the August 3, 2007 adopted Rule 1315 and amendments to Rule 1309.1, and prohibited South Coast AQMD from taking any action to implement Rule 1315 or the amendments to Rule 1309.1 until it had prepared a new environmental assessment under the California Environmental Quality Act (CEQA). On February 4, 2011 South Coast AQMD adopted a revised and enhanced version of Rule 1315, which included a new CEQA assessment. U.S. EPA approved Rule 1315 into SIP in 2012 (77FR31200), and

this approval was upheld by the U.S. Court of Appeals for the Ninth Circuit Court in 2015.

One element of South Coast AQMD's NSR program design is to offset emission increases in a manner at least equivalent to state and federal statutory NSR requirements. South Coast AQMD's NSR program implements the state and federal statutory requirements for NSR and ensures that construction and operation of new, relocated and modified stationary sources does not interfere with progress towards attainment of the National and State Ambient Air Quality Standards. South Coast AQMD's computerized emission tracking system is used to demonstrate equivalence with state and federal offset requirements on an aggregate basis. Specific NSR requirements of federal law are presented below.

Federal Law

Federal NSR requirements vary with respect to the area's attainment status and classification. Based on the current classification for the 1997 8-hour ozone standard, the South Coast Air Basin (SOCAB) and Salton Sea Air Basin (SSAB) are both extreme non-attainment areas³. For the 2008 and 2015 8-hour ozone standards, SOCAB and SSAB are classified as extreme non-attainment and severe non-attainment, respectively. As the NSR requirements are more stringent for a higher non-attainment classification and the more stringent requirements apply, both SOCAB and SSAB must comply with the requirements for extreme non-attainment areas for ozone precursors (*i.e.*, VOC and NO_x). During the 2020 equivalency period, both the SOCAB and the SSAB complied with their respective requirements for ozone non-attainment and serious non-attainment for PM₁₀ and its precursors (*i.e.*, VOC, NO_x and SO_x)⁴. SSAB is considered attainment for CO. U.S. EPA designated the SOCAB as attainment with federal CO standards on June 11, 2007. Starting calendar year 2017, South Coast AQMD did not report CO accumulated credits, debits, and account balances in this equivalency determination. Both SOCAB and SSAB are considered attainment for SO₂ and NO₂; however, SO_x and NO_x are precursors to pollutants for which both SOCAB and SSAB are designated as non-attainment⁵. The Mojave Desert Air Basin (MDAB) under South Coast AQMD's jurisdiction is unclassifiable. Federal law requires the use of Lowest Achievable Emission Rate (LAER) and offsets for emissions of nonattainment pollutants (or their precursors) for new, modified, and relocated stationary sources, when the source is

³ In 2019, the SSAB (Coachella Valley) was redesignated to extreme non-attainment for the 1997 8-hour ozone standard

⁴ As of July 26, 2013, SOCAB was redesignated as attainment for the federal 24-hour PM₁₀ standard and U.S. EPA approved a PM₁₀ maintenance plan. South Coast AQMD will continue to track and report PM₁₀ accumulated credits and account balances for informational purposes only in the SOCAB and for equivalency in the SSAB (Coachella Valley).

⁵ SO_x is a precursor to PM₁₀ and NO_x is a precursor to both PM₁₀ and ozone.

considered a major stationary source⁶ for the nonattainment pollutants (or their precursors). This report demonstrates compliance with the federal NSR offsets requirements.

State Law

State law requires the use of BACT for new and modified sources (Health and Safety Code Sections 40440(b)(1) and 40920.5) and "no net increase in emissions" from certain permitted new or modified sources based on their potential to emit and the non-attainment classification of the area in which they are located. This report demonstrates South Coast AQMD's preliminary determination of compliance with the "no net emission increase" requirements of state law for the 2020 period by demonstrating compliance with the requirements for extreme ozone non-attainment areas for ozone precursors and with the requirements for serious non-attainment areas for PM10 and precursors to PM10. The South Coast Air Basin was designated as being in attainment with the state CO standards effective June 11, 2007.

Overview of Analysis Methodology

The two most important elements of state and federal nonattainment NSR requirements are BACT/LAER and emission offsetting. As set forth in South Coast AQMD's Best Available Control Technology (BACT) Guidelines, South Coast AQMD's BACT requirements are at least as stringent as federal LAER for major sources and state BACT requirements for all sources. The NSR emission offset requirements that South Coast AQMD implements through its permitting process ensure that sources provide emission reduction credits (ERCs) to offset their emission increases in compliance with state and federal requirements. As a result, these sources comply with state and federal offset requirements by providing ERCs. However, certain sources are exempt from South Coast AQMD's offset requirements pursuant to Rule 1304 or qualify for offsets from South Coast AQMD's Community Bank (applications received between October 1, 1990 and February 1, 1996 only) or Priority Reserve, both pursuant to Rule 1309.1. Providing offset exemptions and the Priority Reserve (as well as the previously-administered Community Bank) are important to the NSR program and the local economy. Therefore, South Coast AQMD has assumed the responsibility of providing the necessary offsets for exempt sources, the Priority Reserve, and the Community

⁶ The major source thresholds for SOCAB, SSAB and MDAB, based on their attainment status during the calendar year 2020 reporting periods are summarized below:

Pollutant	SOCAB	SSAB	MDAB
VOC	10 tons/year	10 tons/year	100 tons/year
NOx	10 tons/year	10 tons/year	100 tons/year
SOx	70 tons/year	70 tons/year	100 tons/year
PM10	70 tons/year	70 tons/year	100 tons/year
CO	50 tons/year	100 tons/year	100 tons/year

Bank. This report examines withdrawals from South Coast AQMD emission offset accounts during calendar year 2020 and demonstrates programmatic equivalence on an aggregate basis with state and federal emission offset requirements for the sources exempt from providing offsets and the sources that receive offsets from the Priority Reserve or the Community Bank.

South Coast AQMD's Offset Accounts

For the purposes of this report, federal debit and credit accounting for South Coast AQMD offset accounts was conducted pursuant to the same procedures previously agreed to by U.S. EPA and as delineated in Rule 1315 and described in the staff report dated January 7, 2011. Each of the pollutants subject to offset requirements has a separate federal offset account. State debit and credit accounting for South Coast AQMD offset accounts was similarly conducted, with the difference that state offset requirements apply to all increases of VOC or NO_x from equipment subject to South Coast AQMD's permitting program and to increases of SO_x and PM₁₀ from facilities that emit 15 or more tons per year. South Coast AQMD's NSR program is considered to provide equivalent or greater offsets of emissions as required by state and federal requirements for each subject pollutant provided the balance of offsets in South Coast AQMD's federal offset account for each pollutant remains positive, indicating that there were adequate offsets available.

Debit Accounting

Staff tracks all emission increases that are offset through the Priority Reserve or the Community Bank, as well as all increases that are exempt from offset requirements pursuant to Rule 1304 – Exemptions. These increases are debited from South Coast AQMD's federal offset accounts when they occur at major sources. For federal equivalency demonstrations, South Coast AQMD uses an offset ratio of 1.2-to-1.0 for extreme non-attainment pollutants (ozone and ozone precursors, *i.e.*, VOC and NO_x) and uses 1.0-to-1.0 for all other non-attainment pollutants (non-ozone precursors, *i.e.*, SO_x and PM₁₀) to offset any such increases. That is, 1.2 pounds are deducted from South Coast AQMD offset accounts for each pound of maximum allowable permitted potential to emit VOC or NO_x increase at a major source and 1.0 pound is deducted for each pound of maximum allowable permitted potential to emit SO_x or PM₁₀ at a major source. A more detailed description of federal debit accounting is provided in the Rule 1315 staff report dated January 7, 2011 and Rule 1315(c)(2).

To comply with U.S. EPA's NSR Reform requirements applicable to extreme non-attainment areas for ozone, the South Coast AQMD tracks changes to facility-wide limits under Rule 1304 – Exemptions, and debits any increases from the federal offset accounts accordingly.

State offset requirements are based on actual emissions rather than maximum allowable permitted potential to emit. South Coast AQMD considers actual emissions as eighty

percent of permitted potential to emit⁷. Thus, 0.8 pounds is debited from South Coast AQMD's state accounts for each pound of maximum allowable permitted emissions increase.

Credit Accounting

When emissions from a permitted source are permanently reduced (*e.g.*, installation of control equipment, removal of the source) and the emission reduction is not required by rule or law and is not included in an AQMP control measure that has been assigned a target implementation date⁸, the permit holder may apply for ERCs for the pollutants reduced. If the permit holder for the source generating the emission reduction had previously received offsets from South Coast AQMD or has a "positive NSR balance" (*i.e.*, pre-1990 net emission increase), the quantity of South Coast AQMD offsets used or the amount of the positive NSR balance is subtracted from the reduction and "paid back" to South Coast AQMD's accounts prior to issuance of an ERC pursuant to Rule 1306. In certain other cases, permit holders do not always submit applications to claim ERCs or do not qualify to obtain ERCs for their equipment shutdowns or other eligible emission reductions. These unclaimed reductions are referred to as "orphan shutdowns" and are deposited in South Coast AQMD's offset accounts. ERCs provided as offsets by major sources in excess of the applicable federally-required offset ratio and all ERCs provided as offsets by minor sources not subject to federal offset requirements are also deposited in South Coast AQMD's federal offset accounts. A more detailed description of federal credit accounting is provided in Rule 1315(c)(3)(A) and its staff report dated January 7, 2011.

Determination of Equivalency with Federal Offset Requirements

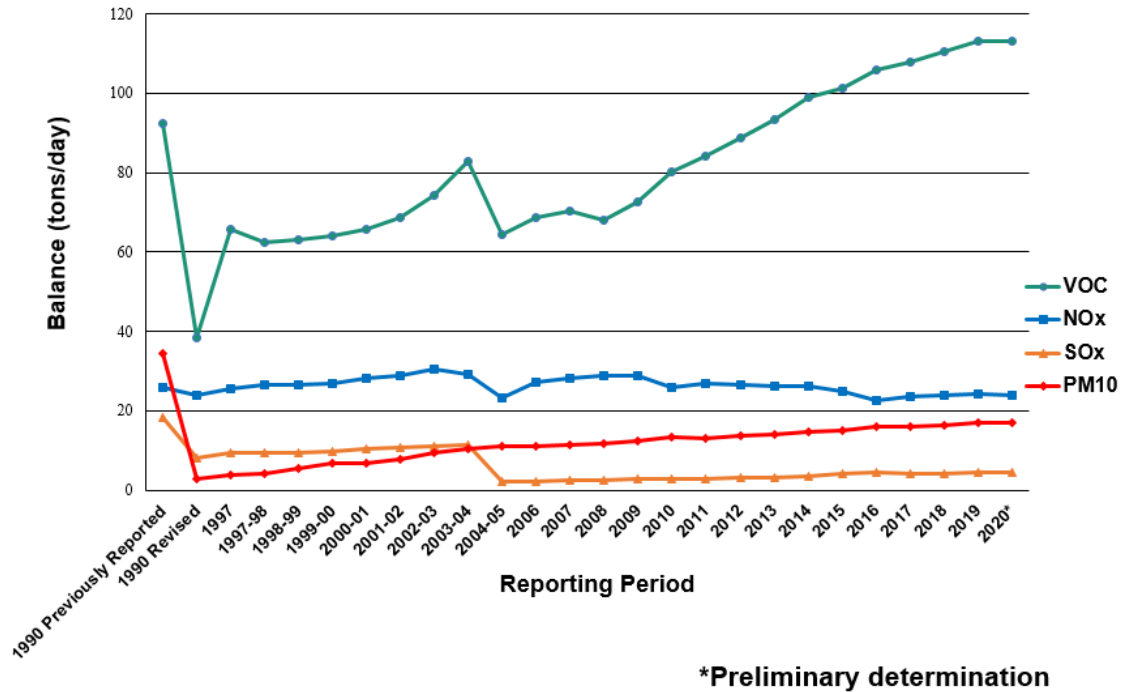
Figure 1 illustrates South Coast AQMD's federal offset account balances for calendar years 1990 and after. The calendar year 2020 balances are based on preliminary determinations.

⁷ See Status Report on Regulation XIII – New Source Review dated April 2, 2004.

⁸ Refer to Rule 1309(b) for a complete explanation of eligibility requirements.

Figure 1:

South Coast AQMD's Federal Offset Account Balances (1990 – 2020*)



The federal offset requirements PDE for calendar year 2020 and the projections for calendar years 2021 and 2022 are summarized in Tables 1 and 2, respectively. The detailed listing of actual final withdrawals, deposits, and sum of withdrawals and deposits are shown in Tables A and B of Attachment 1 to this letter; the account balances shown in Tables A and B reflect the tracking sequence described under Rule 1315(c)(5).

Conclusions

The analysis presented in this report demonstrates the following:

- For calendar year 2020, South Coast AQMD's NSR program provided equivalent offsets to those required by state and federal NSR requirements. The program is at least preliminarily equivalent to the state and federal requirements on an aggregate basis. This conclusion is based on the fact that the preliminary ending state and federal offset account balances for the calendar year reporting period, as shown in Tables 1 and 3, remained positive for all pollutants.

- South Coast AQMD's projected federal offset account balances for 2021 and 2022 are projected to remain positive. This means that the sum of the estimated withdrawals from and deposits to South Coast AQMD's offset accounts during 2021 and 2022 are projected to remain positive and, therefore, demonstrates that South Coast AQMD's NSR program is equivalent to federal NSR requirements, as shown in Table 2.

Attachment

Detailed listing of Actual Debits and Sum of Debits and Credits

ATTACHMENT

Detailed listing of Actual Debits and Sum of Debits and Credits.

Table A
Total Actual Debits from South Coast AQMD's Federal Offset Accounts
(January 2020 through December 2020)

DISTRICT OFFSETS USED	VOC	NO _x	SO _x	PM10
Priority Reserve (lbs./day)	-17	-29	0	0
Community Bank (lbs./day)	0	0	0	0
Rule 1304 Exemptions (lbs./day)	-140	-256	0	0
Sum Total of South Coast AQMD Offsets (lbs./day)	-157	-285	0	0
1.2-to-1.0 Offset Ratio (lbs./day)	-31	-57	NA	NA
Total Actual Debits to South Coast AQMD Account (lbs./day)	-188	-342	0	0
Total Actual Debits to South Coast AQMD Account (tons/day)	-0.09	-0.17	0.00	0.00

Table B
Sum of Preliminary Debits/Credits Activities in
South Coast AQMD's Federal Offset Accounts
(January 2020 through December 2020)

	VOC	NO _x	SO _x	PM10
Total Actual Debits* (lbs./day)	-188	-342	0	0
Total Actual Credits* (lbs./day)	0	0	0	0
Sum of Actual Debits(-)/Credits(+)* (lbs./day)	-188	-342	0	0
Sum of Actual Debits(-)/Credits(+)* (tons/day)	-0.09	-0.17	0	0

* Debits are shown as negative and Credits as positive, while their sum is shown as negative or positive, as appropriate. No credits are accounted for in the Preliminary Determination of Equivalency analysis.

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 15

REPORT: Status Report on Major Ongoing and Upcoming Projects for Information Management

SYNOPSIS: Information Management is responsible for data systems management services in support of all South Coast AQMD operations. This action is to provide the monthly status report on major automation contracts and planned projects.

COMMITTEE: Administrative, January 14, 2022, Reviewed

RECOMMENDED ACTION:
Receive and file.

Wayne Nastri
Executive Officer

RMM:MAH:XC:dc

Background

Information Management (IM) provides a wide range of information systems and services in support of all South Coast AQMD operations. IM's primary goal is to provide automated tools and systems to implement Board-approved rules and regulations, and to improve internal efficiencies. The annual Budget and Board-approved amendments to the Budget specify projects planned during the fiscal year to develop, acquire, enhance, or maintain mission-critical information systems.

In light of COVID-19 and the related budget impact, we are evaluating all of our projects and delaying non-critical projects as long as possible.

Summary of Report

The attached report identifies the major projects/contracts or purchases that are ongoing or expected to be initiated within the next six months. Information provided for each project includes a brief project description and the schedule associated with known major milestones (issue RFP/RFQ, execute contract, etc.).

Attachment

Information Management Status Report on Major Ongoing and Upcoming Projects During the Next Six Months

ATTACHMENT
February 4, 2022 Board Meeting
Status Report Major Ongoing and Upcoming Projects for
Information Management

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Phone System Upgrade	Upgrade components of the agency Cisco Unified Communications System that are past end of support	\$175,000	<ul style="list-style-type: none"> • RFQ released September 3, 2021 • Awarded January 7, 2022 	<ul style="list-style-type: none"> • Complete upgrade March 31, 2022
AQ-SPEC Cloud Platform Phase II	Integrate separate data systems into the AQ-SPEC cloud-based platform to manage data and build interactive data visualizations and data dashboards for web-based viewing	\$313,350	<ul style="list-style-type: none"> • Project charter released • Task order issued, evaluated and awarded • Project kickoff completed • Requirements Gathering completed • Fit Gap and Data Storage Analysis completed • Architecture and Functional Design completed 	<ul style="list-style-type: none"> • Work Plan Development for Phase 2
South Coast AQMD Mobile Application Enhancements	Enhancement of Mobile Application to incorporate FIND	\$90,000	<ul style="list-style-type: none"> • Vision and Scope completed • Task Order issued • Project initiation completed • System Design completed 	<ul style="list-style-type: none"> • System Development
PeopleSoft Electronic Requisition	This will allow submittal of requisitions online, tracking multiple levels of approval, electronic archival, pre-encumbrance of budget, and streamlined workflow	\$75,800	<ul style="list-style-type: none"> • Project charter released • Task order issued, evaluated and awarded • Requirement gathering and system design completed • System setup and code development and user testing for Information Management completed • System setup and code development and User Acceptance Testing completed for Administrative and Human Resources and Technology Advancement Office completed 	<ul style="list-style-type: none"> • Deploy to IM and AHR Divisions • Training and Integrated User Testing for other divisions

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Permitting System Automation Phase 2	Enhanced Web application to automate filing of permit applications, Rule 222 equipment and registration for IC engines; implement electronic permit folder and workflow for staff	\$525,000	<ul style="list-style-type: none"> • Board approved initial Phase 2 funding December 2017 • Board approved remaining Phase 2 funding October 5, 2018 • Completed report outlining recommendations for automation of Permitting Workflow • Developed application submittals and form filing for first nine of 32 400-E forms • Completed application submittals and form filing for 23 types of equipment under Rule 222 for User Testing • Deployed to production top three most frequently used Rule 222 forms: Negative Air Machines, Small Boilers and Charbroilers • Completed requirements gathering for Phase II of the project (an additional 10 400-E-XX forms) • Development of Phase II additional 12 400-E-XX forms completed • Deployment to Stage of all 400-E-XX and Rule 222 forms for user testing completed • User Acceptance Testing and Deployment to production of Emergency IC Engines Form completed • User Acceptance Testing and Deployment to Production of first 3 Rule 222 forms (Tar Pots, Cooling Towers, and Power Washers) completed 	<ul style="list-style-type: none"> • Requirements gathering for Phase III of the project (final twelve (12) 400-E-XX forms) • Complete User Acceptance Testing and Deployment to Production of first ten 400-E-XX forms • Complete User Acceptance Testing and Deployment to Production of next set of Rule 222 forms

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Carl Moyer Program GMS	Development of simplified and streamlined online Grant Management System (GMS) portal for Carl Moyer Program	\$116,275	<ul style="list-style-type: none"> • Draft Charter Document issued • Project Initiation completed • Task order issued • Development of Phase 1 completed • User Acceptance Testing of Phase 1 completed 	<ul style="list-style-type: none"> • Deployment of Phase 1 • Phase 2 - proposed new project to ITSC
Lower-Emission School Bus Program	Development of an online Grant Management System (GMS) portal for the Lower-Emission School Bus Incentive Program	\$110,500	<ul style="list-style-type: none"> • Draft Charter Document issued • Project Initiation completed • Task order issued • Phase I deployed to production – applicant/third party registration and application submission • Customized GMS look and feel • Phase II AQMD staff to create new application on-line for applications received by mail completed • Deployment of staff evaluation module completed • Development of calculation, ranking and messaging has been completed 	<ul style="list-style-type: none"> • Development of Contracting module
VW Environmental Mitigation Action Plan Project	CARB has assigned South Coast AQMD to develop web applications for: Zero-Emission Class 8 Freight and Port Drayage Truck Project and Combustion Freight and Marine Project. The agency is also responsible for maintaining a database that will be queried for reporting	\$355,000	<ul style="list-style-type: none"> • Draft Charter Document issued • Project Initiation completed • Task order issued • Deployed Phase I to production completed • Phase II to production – Messaging, Evaluation, and Administration completed • Phase III - ZE Class 8 Application deployed to production • Deployed Phase III – Ranking • Deployed Combustion Freight On Road Form changes • Phase III – ZE Class 8 Application solicitation completed • 2nd Combustion Freight On Road Solicitation completed • User Acceptance Testing for Phase III – Contracting completed 	<ul style="list-style-type: none"> • User Acceptance Testing for Phase III – Inspection

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Source Test Tracking System	Online Source Test Tracking System will keep track of timelines and quantify the number of test protocols and reports received. System will provide an external online portal to submit source testing protocols and reports, track the review process, and provide integration to all other business units. It will also provide an external dashboard to review the status of a submittal	\$250,000	<ul style="list-style-type: none"> • Project Charter approved • Project Initiation completed • Task Order issued • Project Kick-off completed • User requirements gathering for internal users completed • Developed Full Business Process Model • Developed screens mock-ups • Reviewed proposed automation with EQUATE group completed • Proposal for system development approved • Completed development of Sprint 1 to 8 • Internal User Testing completed • Completed overview of development progress to EQUATE Working Group. • Deploy updated STTS data model and move application to Stage completed 	<ul style="list-style-type: none"> • Complete User Acceptance testing of STTS Portal in Stage Environment. • Deploy STTS Portal to production • Complete testing of STTS Portal with regulated community volunteers.
Warehouse Indirect Source Rule online reporting portal	Development of online reporting portal for Rule 2305 –Warehouse Indirect Source	\$250,000	<ul style="list-style-type: none"> • Draft Charter Document issued • Project Initiation completed • Task order issued • Deployed Phase 1.1 – Warehouse Operations Notification submittal • Deployed Phase 1.2 – Warehouse Operations Notification evaluation • Phase 2 Project Initiation and Planning completed 	<ul style="list-style-type: none"> • Phase 2 Software Requirements • Phase 2 Architecture and Design

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Telecommunications Services	Select vendor(s) to provide local, long distance, telemetry, internet, cellular services, and phone system maintenance for a three-year period	\$750,000	<ul style="list-style-type: none"> • RFP released September 3, 2021 • Awarded January 7, 2022 	<ul style="list-style-type: none"> • Execute contract(s) February 28, 2022
Prequalified Vendors to Provide Computer, Network, Printer, Hardware and Software, and Audio Visual Equipment	Establish list of prequalified vendors to provide computer, network, printer hardware and software, and to purchase desktop computer hardware upgrades	\$400,000	<ul style="list-style-type: none"> • Released RFQ November 5, 2021 	<ul style="list-style-type: none"> • Request Board approval February 4, 2022
AB 2766 – Motor Vehicle Subvention Program	Development of a web application reporting portal for AB 2766 Program	\$81,655	<ul style="list-style-type: none"> • Draft Charter Document issued • Project Initiation completed • Task issued • Project Planning phase for forms completed 	<ul style="list-style-type: none"> • System development
Replace Your Ride (RZR)/One Stop Shop Integration	Development of integration access points for RZR and third-party applications	\$115,026	<ul style="list-style-type: none"> • Draft Charter Document issued • Project Initiation completed • Task order issued • Phase 1 Sprint 1 – Security Portal Enhancement completed • Phase 2 Sprint 2 - RZR service endpoints completed 	<ul style="list-style-type: none"> • Phase 3 Sprint 4 – Creating .net core web API • Phase 3 Sprint 5 – end to end testing

Projects that have been completed within the last 12 months are shown below.

Completed Projects

Project	Date Completed
Cybersecurity Assessment	January 31, 2022
Office 365 License Renewal	January 31, 2022
Annual Emissions Reporting System 2022 Revisions	December 17, 2021
Warehouse Operations Notification Evaluation Module	December 12, 2021
CLASS Database Software Licensing	November 30, 2021
AQ-Spec/AB617 Data Management System	November 16, 2021
Rule 1180 Notification System	October 6, 2021
PAATS and PPS System enhancements for Gasoline Dispensing Stations	September 16, 2021
Warehouse Operations Notification Online Submittal Portal	August 6, 2021
Lawn and Garden Battery Incentive Program	August 5, 2021
Renewal of OnBase Software Support	July 15, 2021
FIND Map Search	June 30, 2021
Office 365 Implementation	May 30, 2021
CAPEX (Clean Air Program for Elementary Students website	May 14, 2021
Renewal of HP Server Maintenance & Support	April 30, 2021
FIND enhancement to include Rule 222 equipment	April 14, 2021
Prop 1B Internal Evaluation Module	April 09, 2021
Lower Emission School Bus Internal Evaluation Module	April 09, 2021
Replace Your Ride Fund Management and Finance Integration	March 20, 2021

Budget and Economic Outlook Update

Board Meeting

February 4, 2022



Presentation Topics

- Economic Indicators
- South Coast AQMD Metrics and Economic Implications
- Summary Charts

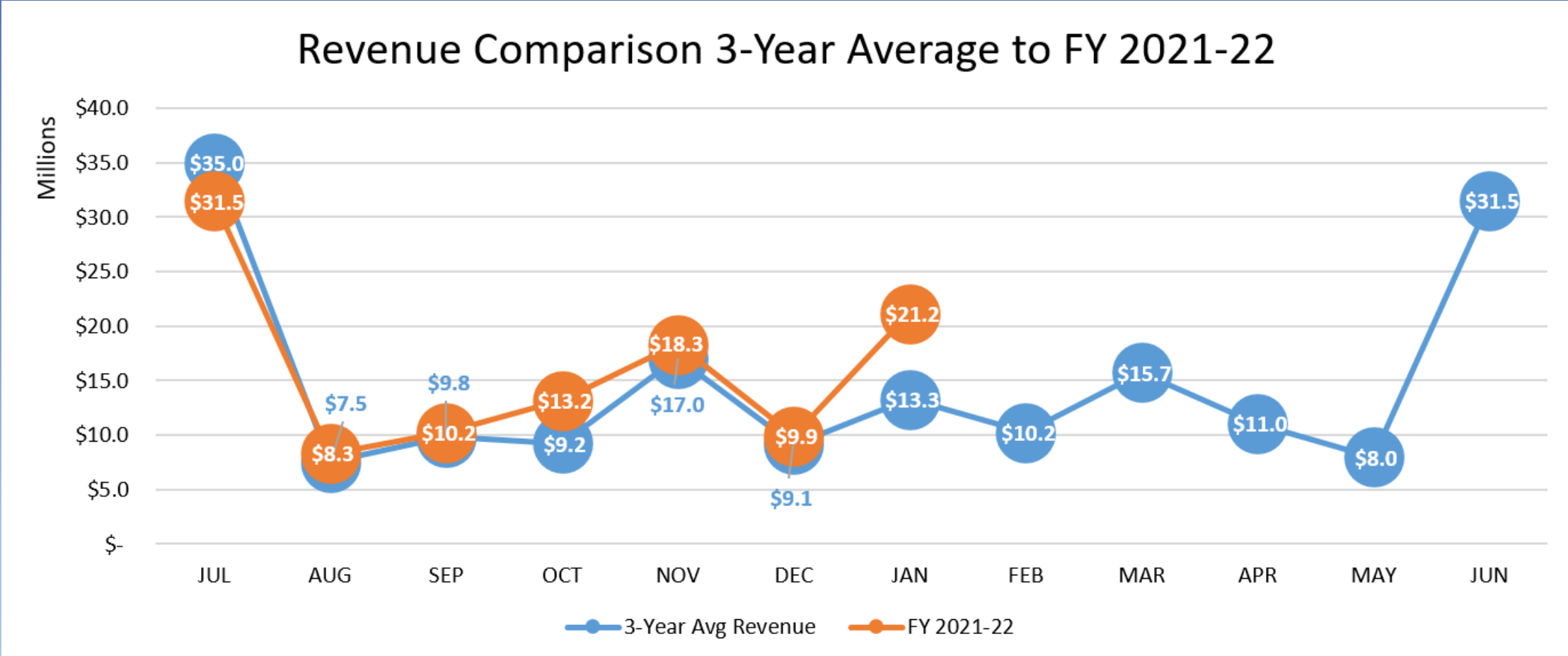
Summary of Metrics – Monthly

Metric			
State Economic Indicators	December 2020	December 2021	Notes
<i>Statewide Refinery Activity (Million Barrels Crude Oil Input)</i>	34.1	41.5	
<i>Port TEU Throughput (Million TEUs)</i>	1.7	1.5	
<i>Statewide Unemployment</i>	9.3%	6.5%	
South Coast AQMD	January 2021	January 2022	
<i>Revenue</i>	\$12.6 million	\$21.1 million	<i>Jan 2022 higher than previous year due to quarterly grant reimbursements. Year end total expected to be similar to last year.</i>
<i>Expenditures</i>	\$13.0 million	\$11.8 million	
<i>Vacancy Rate</i>	16.7%	16.8%	
<i>Permit Applications Received</i>	379	429*	(*Jan 2022 preliminary)
<i>Expired or Potentially Expired Permits</i>	109	491	

Summary of Metrics – Year to Date

Metric			
State Economic Indicators	Jan 2020 – Dec 2020	Jan 2021 – Dec 2021	Notes
<i>Statewide Refinery Activity (Million Barrels Crude Oil Input)</i>	481	525	
<i>Port TEU Throughput (Million TEUs)</i>	17.3	20.1	
South Coast AQMD	Jul 2020 - Jan 2021	July 2021 – Jan 2022	
<i>Revenue</i>	\$100.5 million	\$112.6 million	
<i>Expenditures</i>	\$92.2 million	\$93.7 million	
<i>Permit Applications Received</i>	3,533	3,398*	(*Jan 2022 preliminary)
<i>Expired or Potentially Expired Permits</i>	671	1,630	1 year to reinstate

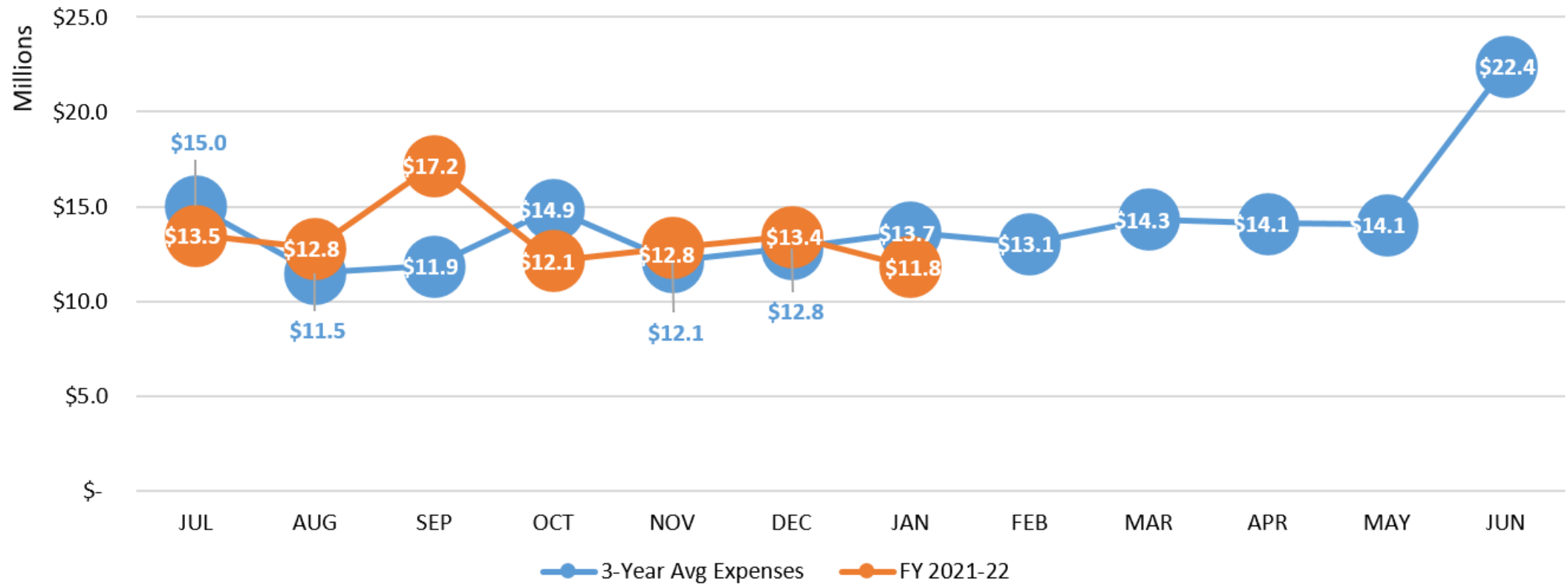
Revenue



January 2022 revenue is significantly higher than the previous year due to quarterly reimbursements for various state and federal grants. Year end total expected to be similar to last year.

Expenditures

Expenditure Comparison 3-Year Average to FY 2021-22

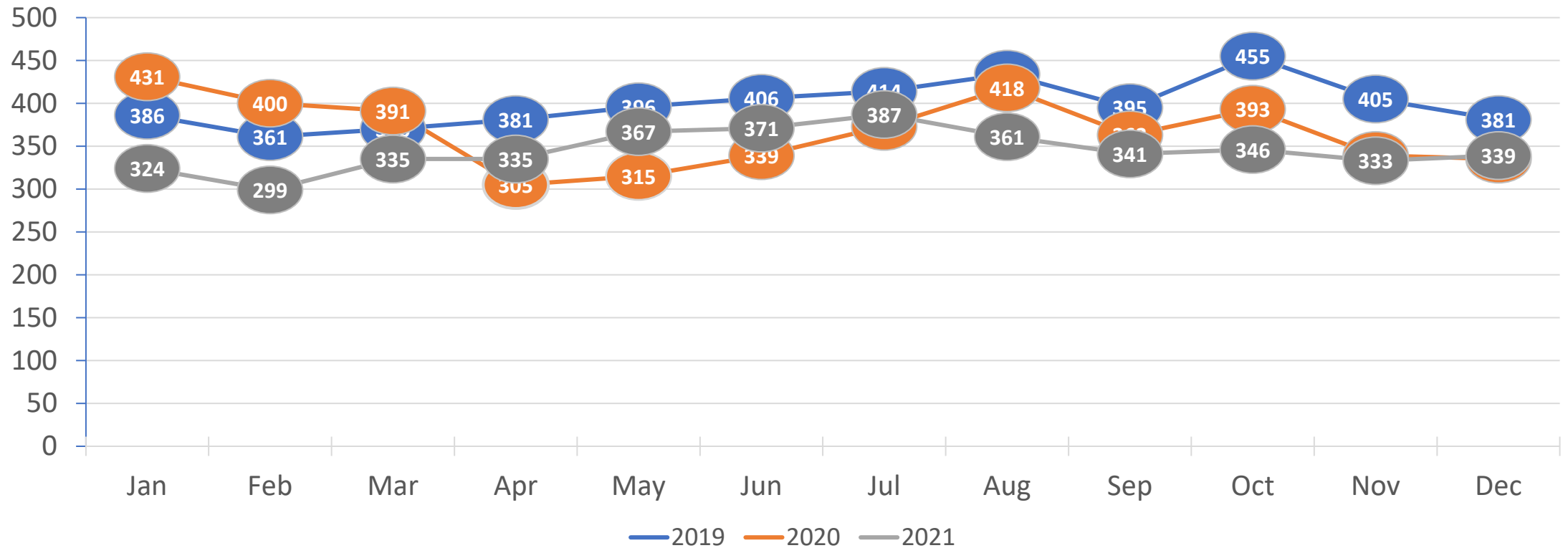


Staffing Levels as of 2/2/22

- 959 budgeted FTEs
- 168 vacant positions
- 791 filled positions
- 17.5 % vacancy rate

Emission Trends

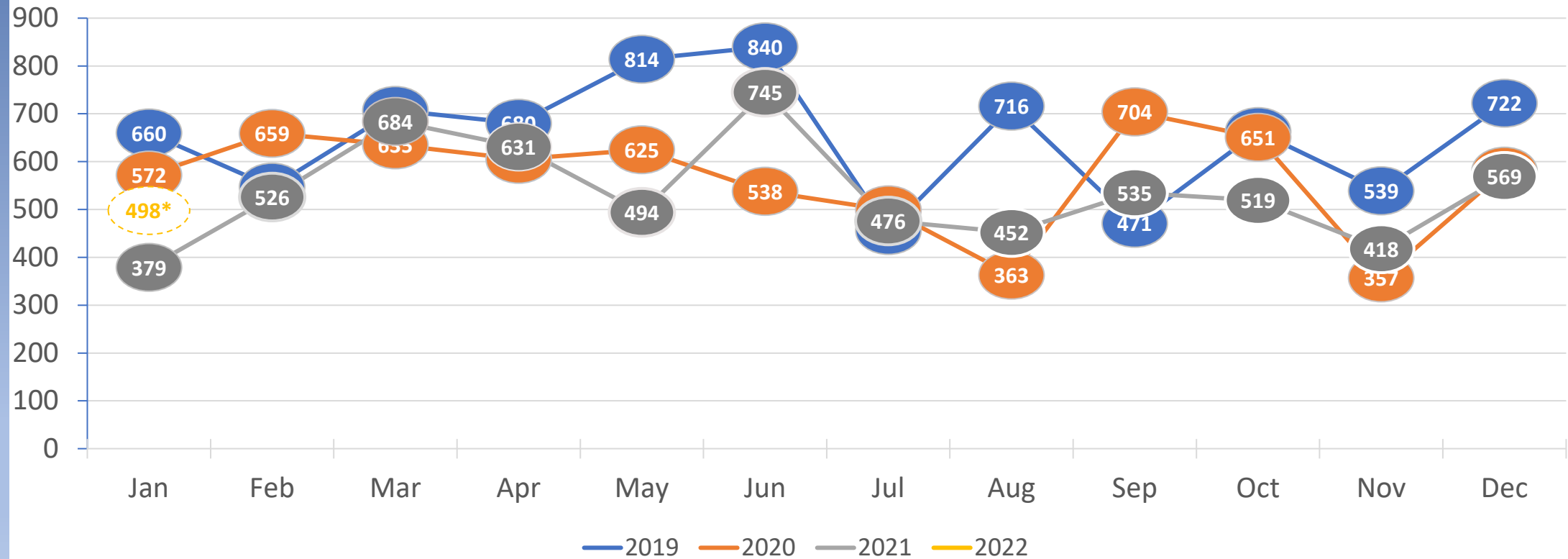
NOx Emissions, RECLAIM Major Sources (tons)



As of January 21, 2022

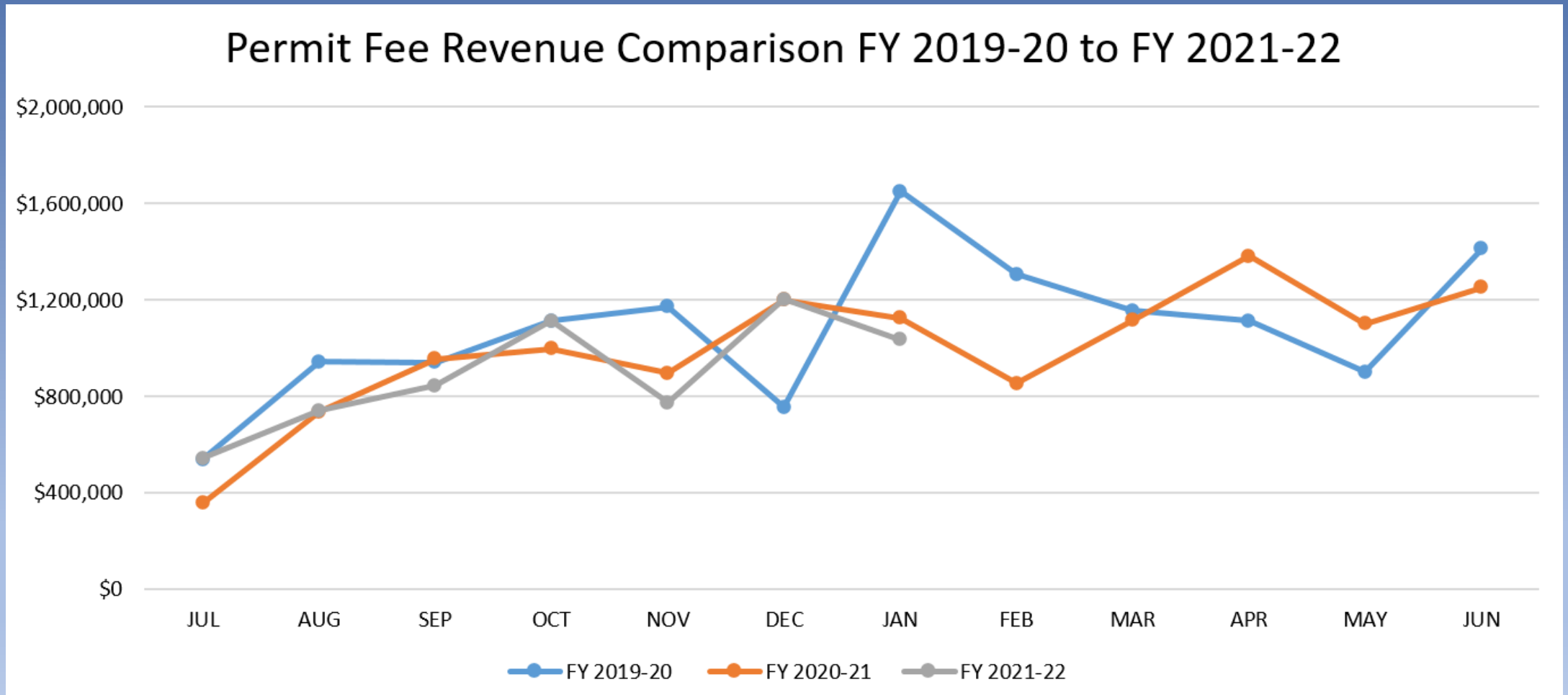
Permit Activity

Number of Applications Received per Month

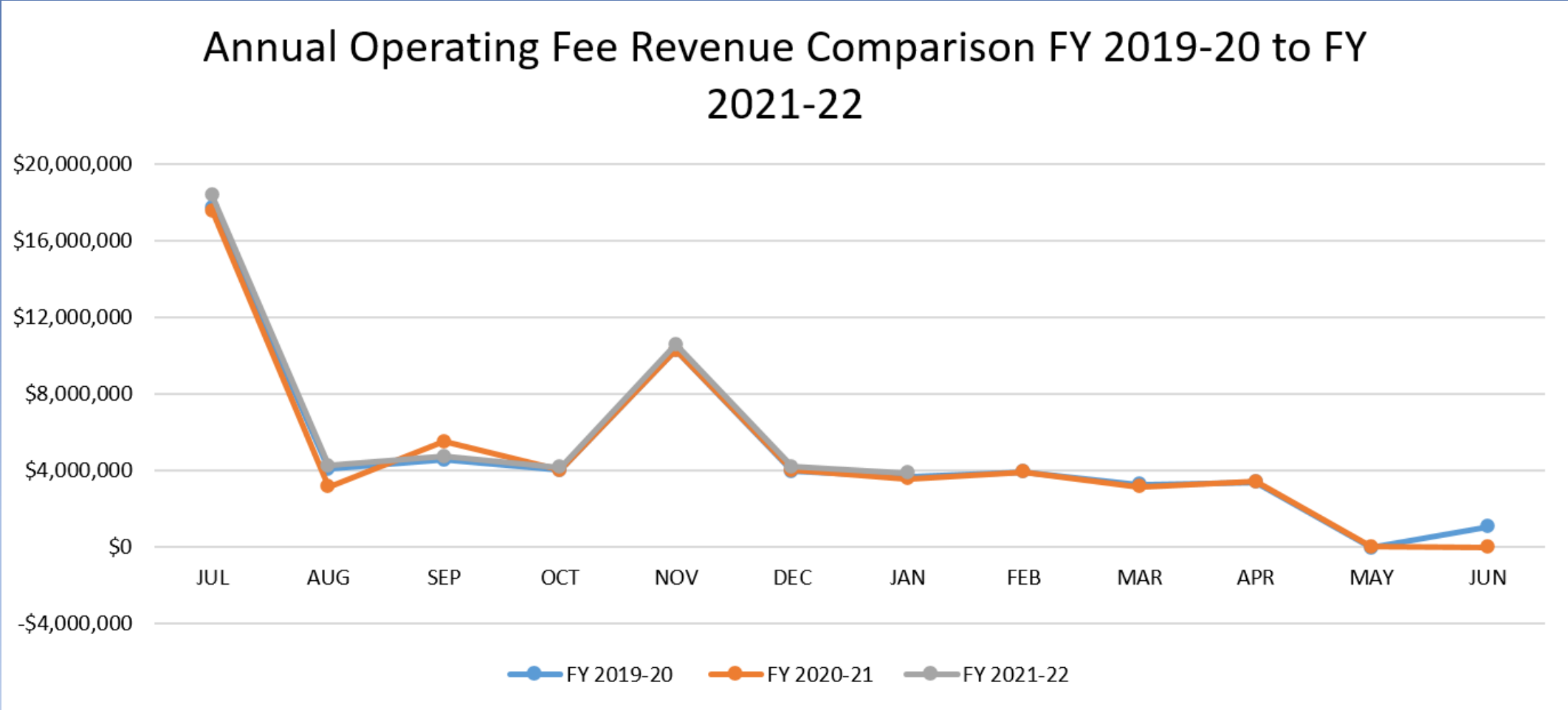


*January Data Preliminary

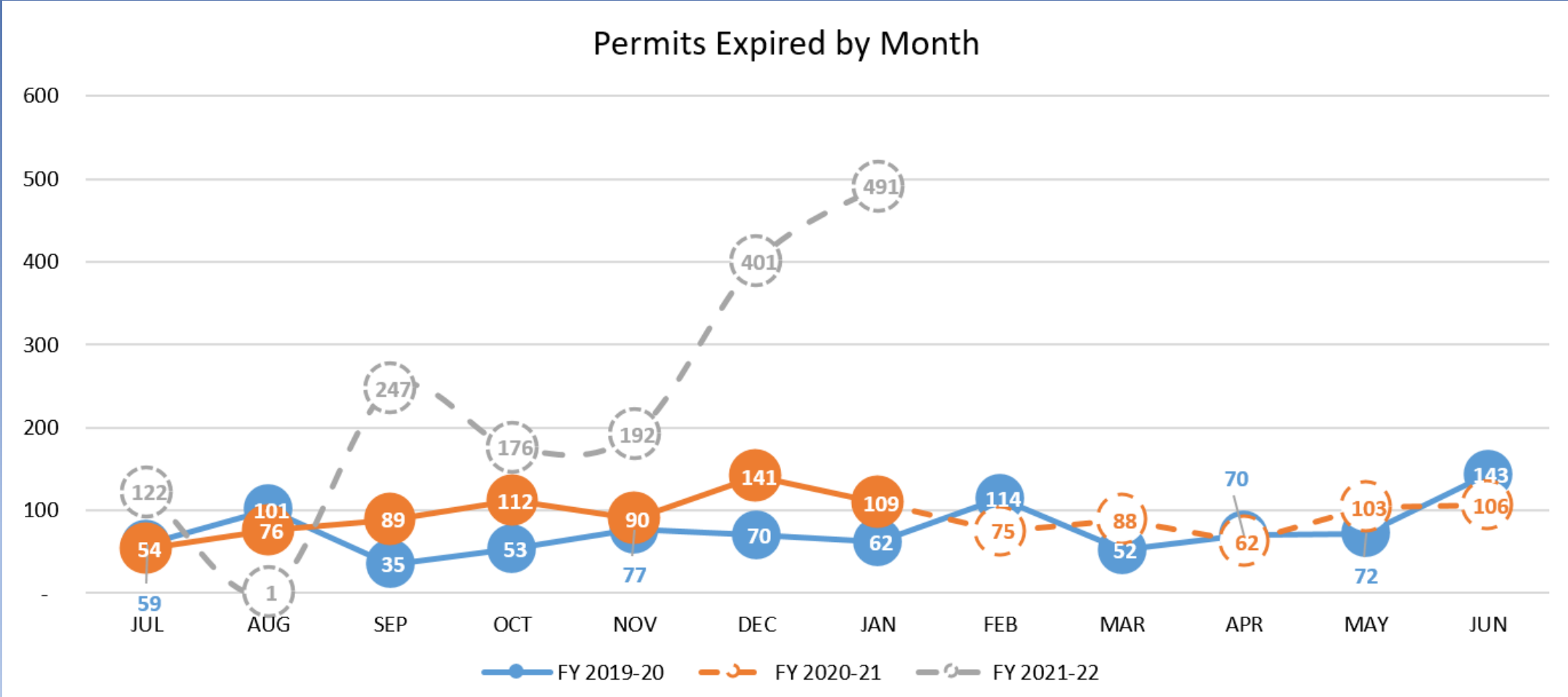
Permit Revenue



Annual Operating Fee Revenue



Permits - Expired and Potentially Expired



Dotted lines represent permits that have time to be reinstated

Summary of Metrics – Monthly

Metric			
State Economic Indicators	December 2020	December 2021	Notes
<i>Statewide Refinery Activity (Million Barrels Crude Oil Input)</i>	34.1	41.5	
<i>Port TEU Throughput (Million TEUs)</i>	1.7	1.5	
<i>Statewide Unemployment</i>	9.3%	6.5%	
South Coast AQMD	January 2021	January 2022	
<i>Revenue</i>	\$12.6 million	\$21.1 million	
<i>Expenditures</i>	\$13.0 million	\$11.8 million	
<i>Vacancy Rate</i>	16.7%	16.8%	
<i>Permit Applications Received</i>	379	429*	(*Jan 2022 preliminary)
<i>Expired or Potentially Expired Permits</i>	109	491	

Summary of Metrics – Year to Date

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<i>Revenue</i>	\$100.5 million	\$112.6 million	
<i>Expenditures</i>	\$92.2 million	\$93.7 million	
<i>Permit Applications Received</i>	3,533	3,398*	(*Jan 2022 preliminary)
<i>Expired or Potentially Expired Permits</i>	671	1,630	1 year to reinstate

Update on Facility- Based Mobile Source Measure Development for Marine Ports

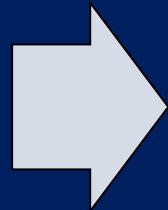
Board Meeting

February 4, 2022

Board Direction in August 2021

August 2021

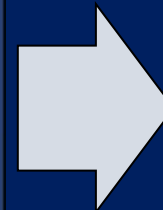
Continue to pursue an MOU-only approach with the Ports for another four months



December 2021

Draft MOUs ready for execution by all parties?

- If yes, continue MOU-only approach
- Otherwise, begin *internal* work on port indirect source rule (ISR) concepts while continuing MOU discussion



February 2022

Draft MOUs ready to be fully executed?

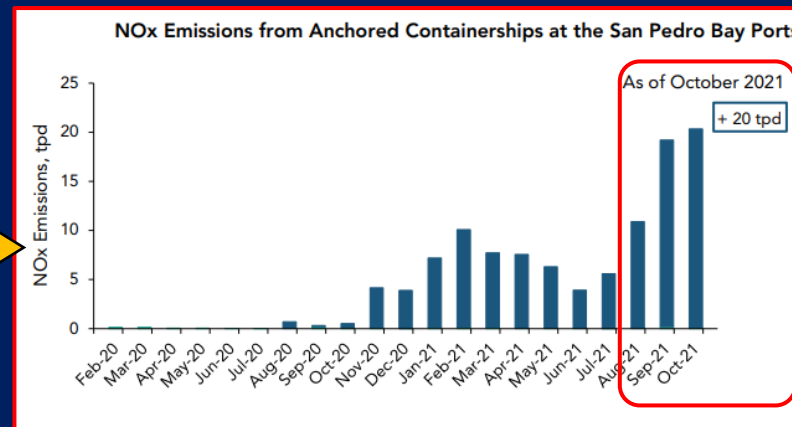
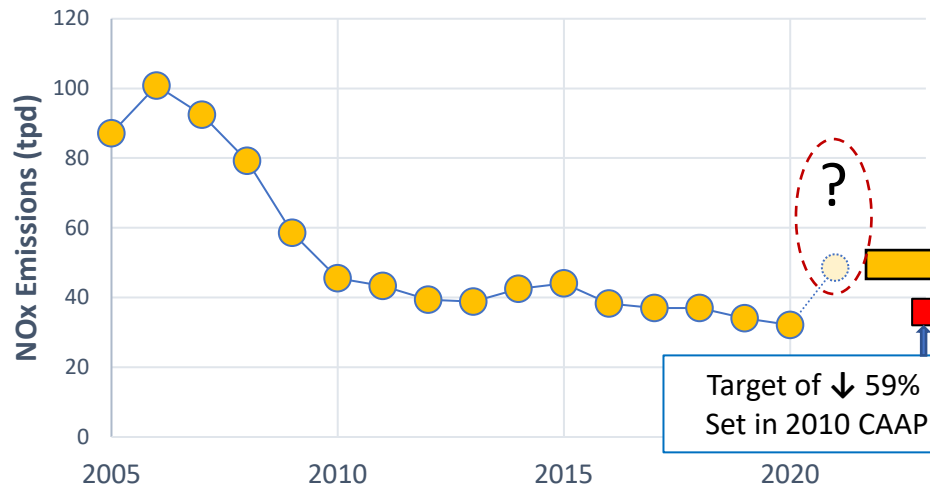
- If yes, bring to Board for consideration and begin implementing MOUs
- Otherwise, pivot to port ISR rulemaking

History

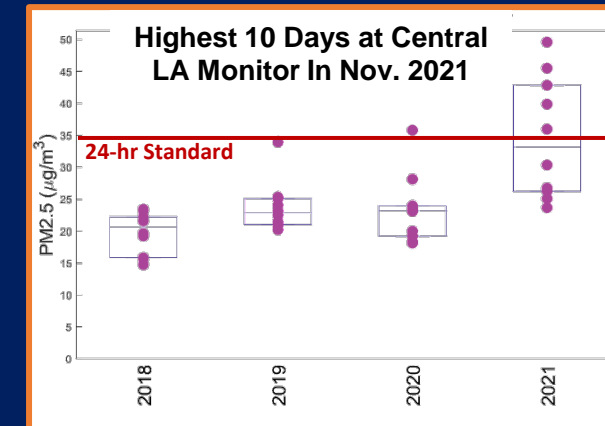
- **Decades-long effort to ensure port emission reductions**
 - 2007 & 2012 AQMPs backstop measures; Proposed Rules 4001/4010/4020
 - Would have established enforceable emission reduction targets based on various criteria
 - Rule development on hold with development of 2016 AQMP and 2017 CAAP*
 - 2016 AQMP included a facility-based mobile source measure for ports
 - Assists in implementing Further Deployment measures (i.e., “black box” measures)
 - Significant portion of emission reduction needs are associated with port operations
 - 2019 AB 617 Community Emissions Reduction Plan
 - Key action for Wilmington/Carson/West Long Beach
- **Missed opportunities by Ports for port projects**
 - China Shipping
 - Southern California International Gateway (SCIG)

History (cont.)

- **Ports' 2010 CAAP set a 2023 NO_x target of 59% reduction below 2005 levels**
 - Consistent with 'defined measures' from 2007 AQMP, but did not include additional reductions needed from "black box" measures
 - 59% target not updated in 2017 CAAP – "black box" needs remain unaddressed
- **A full year of port congestion has reversed progress achieved a decade ago, with limited relief starting only in recent weeks due to new vessel queueing system**
 - If congestion continues, even the insufficient target of 59% may not be met



Nov. 2021 CARB updated chart for anchorage emissions



South Coast Air Basin attained the 2006 24-hour PM_{2.5} in 2020 and was on track to maintain this attainment status until November this year

Data sources: NO_x emissions reported in POLB & POLA annual emissions inventory reports, with 2005 and 2019 numbers updated based on the 2020 reports.

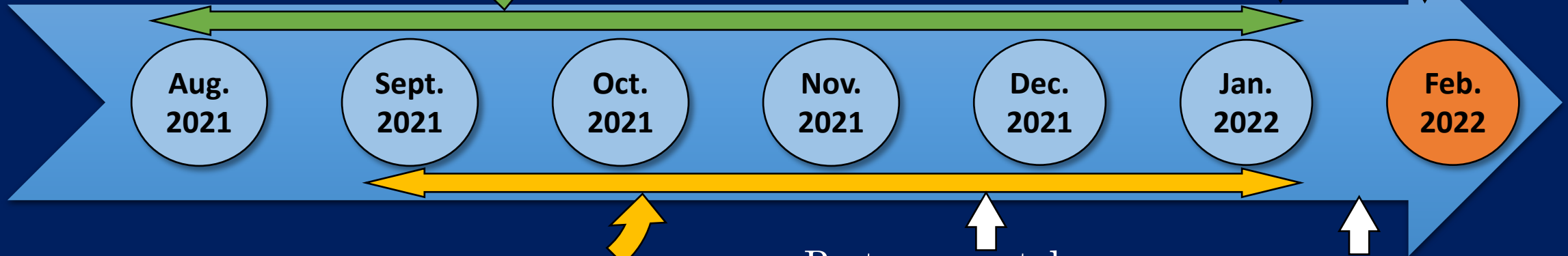
Process Over Past Six Months

Restarted conference calls with POLA, POLB, and CARB to discuss potential MOU concepts



Community consultation meeting with ~130 attendees

POLB submitted revised draft MOU



Monthly report to Marine Port Committee

- Ports separately submitted offers, but no agreement reached
- Staff began internal work on ISR concepts

Staff submitted final counter offer to POLB → focused on putting 2017 CAAP into MOU

Key Public Feedback Received*

Businesses and Maritime Industry

- Finalize MOU with POLB and do not pursue ISR
- Resume technical working group meetings
- Concerns about ISR:
 - Discourages voluntary emission reductions
 - Disrupts supply chain
 - Could hurt jobs and economy
 - Loses near-term reductions from POLB's advanced funding for clean trucks

Labor

- Concerns that ISR will reduce port jobs
 - Terminal automation and/or reduced port throughput
- ZE infrastructure development can create jobs
- Up-front funding needed for trucks, especially independent drivers

Environmental Groups and Local Community

- Begin ISR rulemaking now to reduce emissions from all port sources
- Mandate ZE technologies
- Engage more with public
- Concerns about MOU:
 - Process already too long with emission reductions delayed and too low
 - Weak provisions
 - Doesn't protect public health enough

*There is diversity in viewpoints among individuals within each group shown here.

Staff Focus in MOU Discussions

Ports are largest
NO_x source in
Basin

~20 tons/day of NO_x reductions
from port sources needed to
meet federal air quality
standards in 2023 & 2031

Port emissions cause
higher PM_{2.5}
throughout Basin

CAAPs not sufficient to
achieve ports' fair share
reductions for meeting federal
air quality standards

Port actions in recent
years do not meet
their own projections
in 2017 CAAP

Any MOU must
be enforceable

Key Focus Areas on Potential MOU Offers

• Staff focus

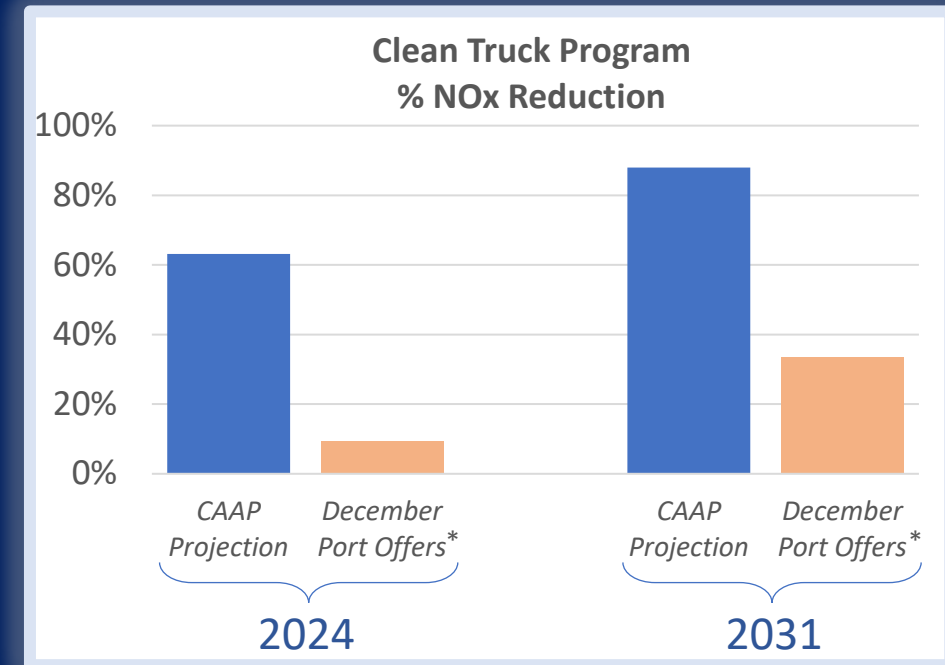
- Port offers did not include all 2017 CAAP measures
 - Even more is needed beyond 2017 CAAP to satisfy attainment needs
- Several legal concerns, including lack of enforceability

• POLB focus

- December offer includes significant clean air investments
 - \$100M up front for trucks
 - Use leases to negotiate cleaner cargo handling equipment (CHE) and renewable diesel fuel
 - Vessel speed reduction (VSR) down to 10 knots
 - ZE infrastructure plans for CHE and develop 100 on-port trucks chargers by 2028
 - Continue on-dock Pier B rail project

• POLA focus

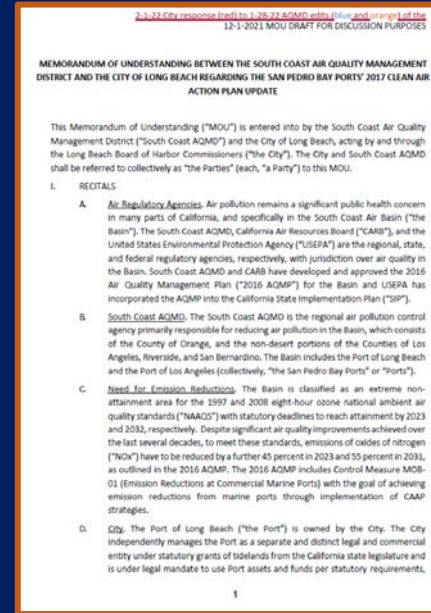
- Believes sole purpose of MOU is to quantify implementation of 2017 CAAP
 - \$3M up front for trucks
 - Explore enhanced or new programs for ships (VSR, OGV Incentives, Green Shipping Corridor)



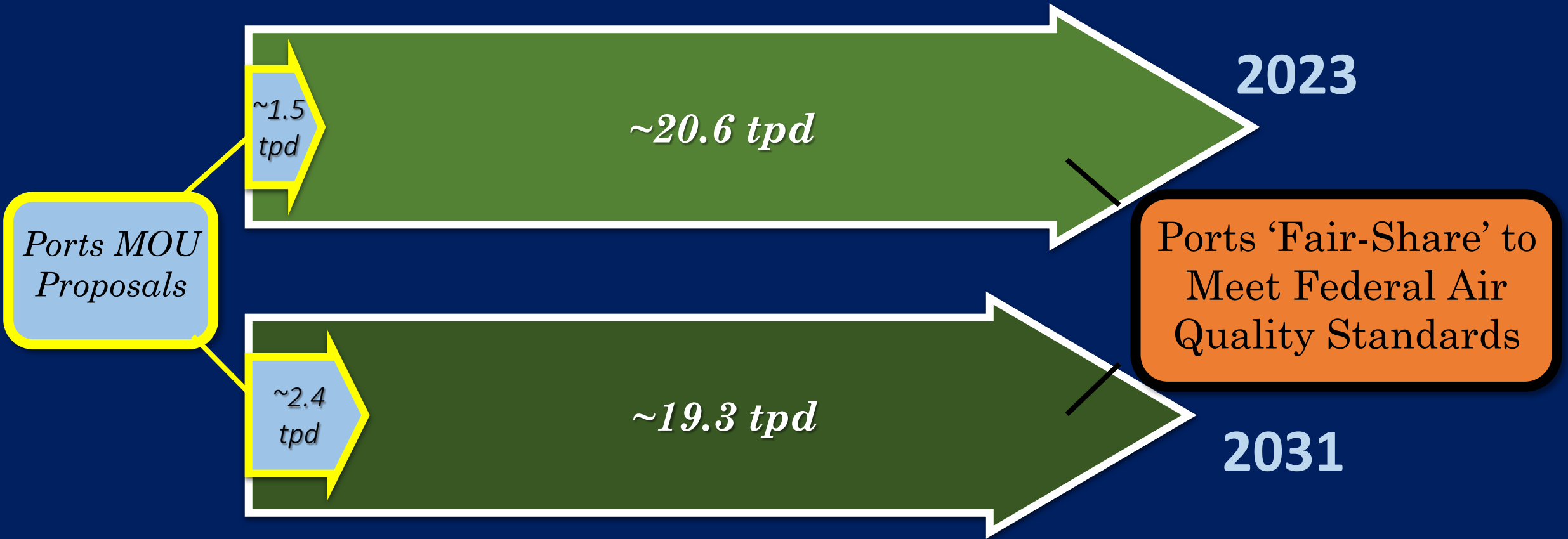
**Estimated emission reductions approximately equal between both ports*

Recent MOU Offer

- On February 2, POLB provided a proposed revised draft MOU
 - Includes the clean air investments in the December offer
 - Removes enforceability provisions
 - Removes performance targets that match the CAAP
 - Re-extends MOU duration to 2032
 - Re-inserts penalty for South Coast AQMD to leave the MOU



Preliminary Estimate of NO_x Emission Reductions from December MOU Proposals



Existing Low NO_x Technologies Have Not Been Widely Implemented by Industry/Ports

Nonroad Cargo
Handling
Equipment



Tier 4F
Effective
2014-2015

~32%

Harbor
Craft



Tier 4
Phased in
2014-2017

<1%

Rail
Locomotives



Tier 4
Effective
2015

~5%

Ocean-going
Vessels



Tier III
Effective
2016

~2%

Heavy-Duty
Trucks

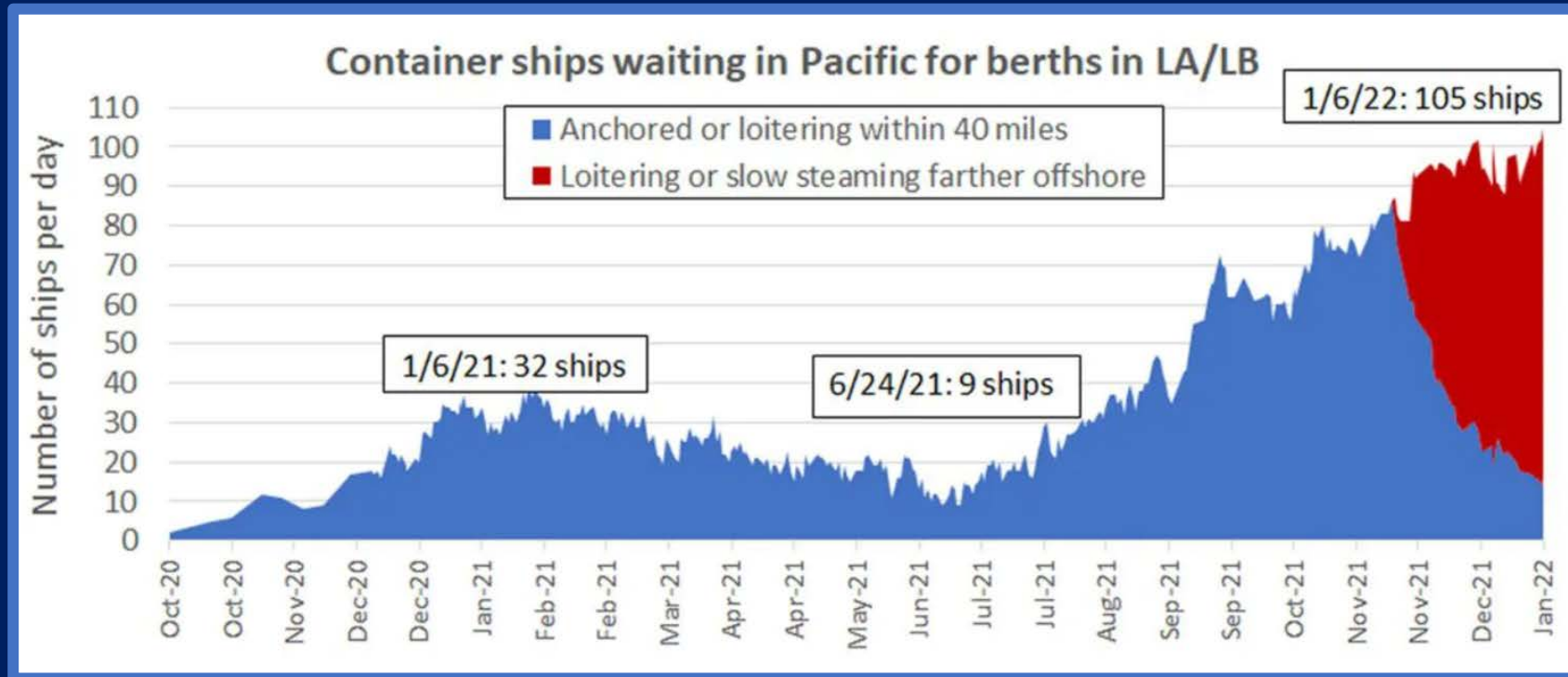


**Optional
Low-NO_x**
Available in
2018

~5%

Percent of vehicle/equipment use at ports of LA/LB as reported in their emission inventories

Additional Challenges as Port Congestion Continues



Port throughput in 2021 up 18% above 2019 (pre-pandemic)

As of 1/28/22, **100** container ships waiting for a berth at POLA/POLB

Anticipated high throughput for foreseeable future will continue to result in higher emissions

Air Quality Challenges Also Require Upsized Investment

California, U.S. Department of Transportation Announce Partnership on Supply Chain Infrastructure Program to Create Long-Term Stability



Published: Oct 28, 2021

Innovative federal-state partnership to identify potentially billions in financing for infrastructure projects that create sustainable solutions for goods movement chain

PORT OF LOS ANGELES APPLAUDS GOV. NEWSOM'S PLAN TO INVEST \$2.3 BILLION IN CALIFORNIA PORTS



Port of Long Beach Sets Annual Record With 9.38 Million TEUs
Milestone for 2021 marked by increased consumer spending during pandemic



Port of Los Angeles Reports Record 10.7 Million TEU Throughput in 2021

Federal Funding for Ports:
An investment in the future.

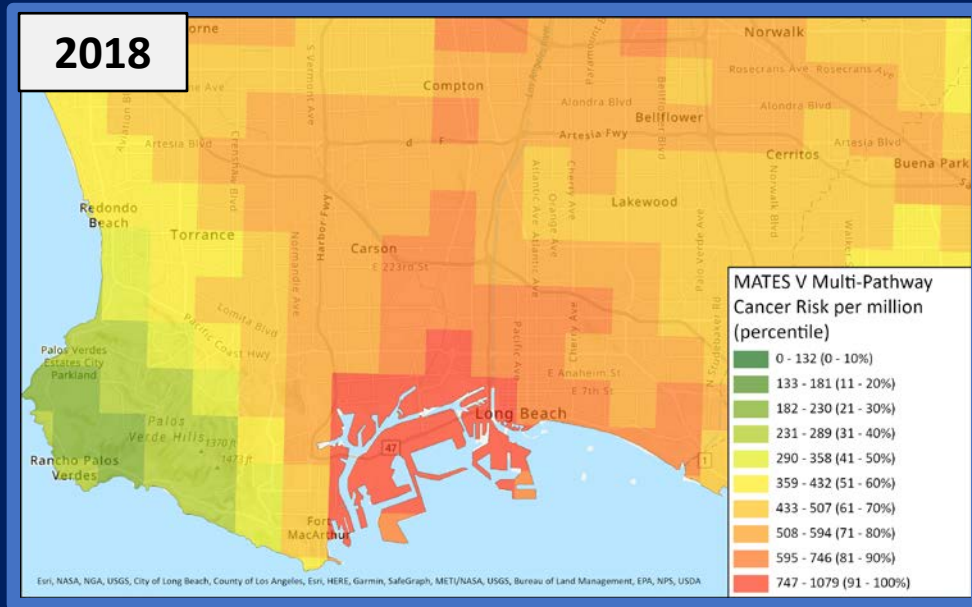


Infrastructure Investment and Jobs Act

Port-Specific = \$5.2B
Port-Eligible = \$27.1B



Adverse Health Impacts on the Surrounding Community and Throughout the Region



- **Local Impacts***: Communities adjacent to the ports are in the 96th percentile for air toxics cancer risk in SCAQMD, and have higher asthma rates
- **Regional Impacts****: Ports account for ~10% of total Basin NO_x emissions. Ozone and PM from this NO_x affect public health throughout the region

Asthma Attacks



Premature
Deaths



School & Work
Absences



* MATES V, WCWLB AB 617 CERP

** 2016 AQMP

Summary

- ✓ No MOUs ready to be adopted and fully executed after additional six months of MOU process
 - ✓ More progress made with POLB than with POLA
- ✓ The Port's proposals do not meet the AQMP reduction needs or the goals set forth in the 2017 CAAP
- ✓ Additional air quality and public health challenges continue to occur with record-breaking cargo volume
- ✓ Move from internal to external ISR effort

Anticipated ISR Rulemaking Next Steps

- Immediately initiate external outreach including working group meetings, community meetings, individual stakeholder outreach, web resources, etc.
- Develop potential rule concepts for Proposed Rule 2304
- Quarterly updates to Mobile Source Committee
- Targeting 12-18 months to develop Proposed Rule 2304 for Board consideration

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 18

REPORT: Administrative Committee

SYNOPSIS: The Administrative Committee held a meeting remotely on Friday, January 14, 2022. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Senator (Ret.) Vanessa Delgado, Vice Chair
Administrative Committee

JW:cb

Committee Members

Present: Senator (Ret.) Vanessa Delgado, Vice Chair
Mayor Michael Cacciotti
Board Member Gideon Kracov
Supervisor Janice Rutherford

Absent: Chair Ben Benoit, Committee Chair

Call to Order

Vice Chair Delgado called the meeting to order at 10:00 a.m.

DISCUSSION ITEMS:

1. **Board Members' Concerns:** There was no information to report.
2. **Chair's Report of Approved Travel:** There was no travel to report.
3. **Report of Approved Out-of-Country Travel:** There was no travel to report.
4. **Review February 4, 2022 Governing Board Agenda:** There were no changes to report.
5. **Approval of Compensation for Board Member Assistant(s)/Consultant(s):** There was no information to report.

6. **Update on South Coast AQMD Inclusion, Diversity and Equity Efforts:** Dr. Anissa Heard-Johnson, Diversity, Equity & Inclusion Officer, provided an update on agency efforts.

Dr. Heard-Johnson highlighted a Fabulous Female Friday and provided information on the gender wage gap and equal pay days. She provided updates on events and meetings occurring in January, which include the Martin Luther King commemoration event, a new book club, the first monthly think tank and work group meetings.

Board Member Kracov inquired how many members were hired as part of the DEI team and wanted to share a welcome. Dr. Heard-Johnson confirmed that two individuals were hired: Cassandra Johnson, who was promoted from within South Coast AQMD and Frances Fernando, who was hired from outside the agency.

7. **Budget and Economic Outlook Update:** Jill Whynot, Chief Operating Officer, indicated that we have not seen any changes in trends and are continuing to see fewer incoming permits, which may have some long-term budget impacts. We are working to lower our vacancy rate and preparing for projected retirements. Staff has been working on the draft budget that will be presented to the Board in May.

Mayor Cacciotti asked if the vacancy rate was similar across the agency. Ms. Whynot confirmed that the rate was for the entire agency and although some division's vacancy rates are higher than others, it isn't significantly higher. She indicated that we are also working hard on succession planning. Mayor Cacciotti thanked staff for carrying the extra workload so well for so long.

8. **Status Report on Major Ongoing and Upcoming Projects for Information Management:** Ron Moskowitz, Chief Information Officer, Information Management, reported that updates have been made to our PeopleSoft payroll and finance system, including implementation of the labor agreement, payroll updates, and employee W2 forms and 1099 update. Mr. Moskowitz indicated that we successfully deployed updates to our annual emissions reporting portal for reporting year 2022, which include new equipment categories, improved messaging and other enhancements. Our mobile application is at over 55,000 users now. Everything else is on schedule.
9. **Report of RFPs/RFQs Scheduled for Release in January:** Sujata Jain, Chief Financial Officer, Finance, reported that this is a routine item requesting the release of an RFP for landscaping and tree maintenance for the headquarters.

Mayor Cacciotti thanked staff for using electric leaf blowers and wanted to ensure that all landscape, maintenance, and tree equipment used at our facility is electric battery equipment. John Olvera, Deputy Executive Officer, Administrative & Human Resources, responded that proposed contractors are informed that they will be undergoing an American Green Zone Alliance accreditation or the equivalent. Mr. Olvera also indicated that we used to separate tree trimming and landscaping and now we have combined the two into one contract in order to have more control over the type of equipment that is used, which we have asked to be certified green. Mayor Cacciotti mentioned including more points in the evaluation process if they have electric vehicles that aren't large gas polluting and to encourage a whole transition to electric. Mr. Olvera confirmed that responses to the RFP with zero or near-zero emission vehicles get a preference on cost allocation.

ACTION ITEMS:

10. **Execute Contract for Janitorial Services at Diamond Bar Headquarters:** John Olvera reported that this item seeks approval to execute a 34-month contract with Santa Fe Janitorial Maintenance Services for a total amount not to exceed \$1.65 million over the term of the contract. Santa Fe Janitorial was selected through an RFP process and the proposal was rated the highest based on technical score and cost.

Mayor Cacciotti asked how often we check that the chemicals used by the janitorial services do not emit toxins. Mr. Olvera responded that it is one of the requirements in the contract, they meet with the contractor on a monthly basis and review the chemicals used. Mayor Cacciotti further inquired about chemicals used. Mr. Olvera indicated that the contractor keeps their supplies here on site and they provide a list on a regular basis. Board Member Kracov inquired if our need for janitorial services is decreasing or increasing with COVID and more staff working remotely. Mr. Olvera indicated that the schedule has remained the same and we work closely when there has been an exposure for intense cleaning and we have someone on rotation that walks around and wipes down common areas, as well as door handles and elevators, where people come and go on a regular basis.

Moved by Kracov; seconded by Cacciotti, unanimously approved.

Ayes: Delgado, Cacciotti, Kracov, Rutherford
Noes: None
Absent: Benoit

11. **Establish List of Prequalified Vendors to Provide Computer, Network, Printer, Hardware and Software:** Mr. Moskowitz reported that this is a

standard item to establish a list of prequalified vendors to provide computer network, printer, hardware and software. On November 5, 2021, the Board approved the release of an RFQ and 11 vendors were identified as capable of providing these products and this action is to approve these 11 vendors to provide the products for a two-year period.

Moved by Cacciotti; seconded by Kracov, unanimously approved.

Ayes: Delgado, Cacciotti, Kracov, Rutherford
Noes: None
Absent: Benoit

WRITTEN REPORT:

12. **Local Government & Small Business Assistance Advisory Group Minutes for the November 12, 2021 Meeting:** The report was acknowledged and received.

OTHER MATTERS:

13. **Other Business:** Board Member Kracov inquired about the Martin Luther King event. Derrick J. Alatorre, Deputy Executive Officer, Legislative, Public Affairs & Media, indicated that about 150 people have signed up, and the event is also available via Facebook live and YouTube. Board Member Kracov encouraged participation at tomorrow's event.
14. **Public Comment:** There was no public comment.
15. **Next Meeting Date:** The next regular Administrative Committee meeting is scheduled for February 11, 2022 at 10:00 a.m.

Adjournment

The meeting adjourned at 10:32 a.m.

Attachments

Local Government & Small Business Assistance Advisory Group Minutes for November 12, 2021



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 FRIDAY, NOVEMBER 12, 2021 MEETING MINUTES

MEMBERS PRESENT:

Mayor Pro Tempore Carlos Rodriguez, LGSBA Chairman (Board Member)
Felipe Aguirre
Mayor Rachelle Arizmendi, City of Sierra Madre
Paul Avila, P.B.A. & Associates
Todd Campbell, Clean Energy
LaVaughn Daniel, DancoEN
Bill LaMarr, California Small Business Alliance
Rita Loof, RadTech International
Eddie Marquez, Roofing Contractors Association

MEMBERS ABSENT:

Supervisor Janice Rutherford (Board Member)
Geoffrey Blake, Metal Finishers of Southern California
John DeWitt, JE DeWitt, Inc.
David Rothbart, Los Angeles County Sanitation Districts

OTHERS PRESENT:

Mark Abramowitz
Harvey Eder
Matt Holder, Board Member Consultant (*Rodriguez*)
Mark Taylor, Board Member Consultant (*Rutherford*)

SOUTH COAST AQMD STAFF:

Jill Whynot, Chief Operating Officer
Derrick Alatorre, Deputy Executive Officer
Sarah Rees, Deputy Executive Officer
Philip Crabbe III, Public Affairs Manager
Sheri Hanizavareh, Senior Deputy District Counsel
Nico Schulte, Air Quality Specialist
Van Doan, Air Quality Specialist
Elaine-Joy Hills, Air Quality Specialist
Debra Ashby, Senior Public Information Specialist
Robert Paud, Information Technology Supervisor
Anthony Tang, Information Technology Supervisor
Sindy Enriquez, Secretary

Agenda Item #1 – Call to Order/Opening Remarks

Chair Carlos Rodriguez called the meeting to order at 11:37 a.m.

Agenda Item #2 – Approval of October 8, 2021 Meeting Minutes

Chair Rodriguez called for approval of the October 8, 2021 meeting minutes.

Mr. Bill LaMarr requested changes to clarify the October meeting minutes to reflect: “Mr. LaMarr expressed his concerns regarding Ms. Rita Loof’s public records request. Rather, he suggested that Ms. Loof make one public records request with a list of all commercial printers providing Standard Industrial Classification (SIC) codes. Then, Mr. LaMarr suggested other information be obtained independently.”

Ms. Loof indicated she was fine with the October meeting minutes.

Chair Rodriguez asked for a staff recommendation on paraphrasing future meeting minutes. Ms. Jill Whynot indicated it is the discretion of the chair. Chair Rodriguez stated his preference for minutes is a more general summary.

Motion to approve minutes by Mr. Eddie Marquez; seconded by Mr. Todd Campbell; unanimously approved.

Ayes: Aguirre, Arizmendi, Avila, Campbell, Daniel, LaMarr, Loof, Marquez, Rodriguez

Noes: None

Abstain: None

Absent: Rutherford, Blake, DeWitt, Rothbart

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

Mr. Derrick Alatorre reviewed the follow-up and action items from the previous meeting.

Mr. LaMarr commented on the representation of small businesses on the AB 617 Community Steering Committees (CSC). Ms. Loof echoed the concerns and requested putting the topic on a future agenda.

Moved by Ms. Loof; seconded by Mr. Marquez; approved

Ayes: Aguirre, Arizmendi, Avila, Campbell, Daniel, LaMarr, Loof, Rodriguez

Noes: None

Abstain: Marquez

Absent: Rutherford, Blake, DeWitt, Rothbart

Action Item #1: Agendize at future meeting an action item on business and/or trade associations membership on AB 617 CSCs.

No public comment.

Agenda Item #4 – End-of-Year Summary Report on State Legislature’s and Governor’s Actions during 2021 Legislative Session

Mr. Philip Crabbe III presented an end-of- year summary on state legislation.

Ms. Loof inquired about AB 361 related to teleconferencing and virtual meetings. Mr. Crabbe reported that South Coast AQMD supported the bill and complies with the provisions.

Mr. Paul Avila inquired about future state budget funding levels and any potential surplus. Mr. Crabbe responded that there may be a budget surplus, but the amount is unknown.

Agenda Item #5 – The New South Coast AQMD Real-Time Air Quality Index (AQI) Map

Mr. Nico Schulte presented an overview on the new South Coast AQMD real-time AQI map.

Chair Rodriguez requested that the AQI map information be sent out to local governments, including Council of Governments (COGs), and to the advisory group to share with the public and stakeholders.

Mr. Campbell commented on the thoroughness and value of the AQI map.

Mr. Avila asked whether the recent wildfires affected the AQI and measurements. Mr. Schulte responded that the recent wildfires did contribute to high PM2.5 and was reflected on the AQI map.

Mr. Harvey Eder provided public comment on climate change and solar energy.

Action Item #2: Email AQI map information to local governments and the advisory group.

Agenda Item #6 – Monthly Report on Small Business Assistance Activities

Mr. Eder made public comment on AB 617, climate change and solar.

Agenda Item #7 – Other Business

Mr. Alatorre advised that the Mobile Source Committee written report on the Rule 2305 Warehouse Indirect Source Rule could be provided on a monthly basis and that LGSBA member comments could be made at Governing Board meetings. Chair Rodriguez advised that it would be more efficient for LGSBA members to attend and to provide comment at Mobile Source Committee.

Mr. LaMarr commented on mail subscription delays. Ms. Loof inquired about protocols to attend and the format of the next LGSBA Advisory Group meeting.

Agenda Item #8 – Public Comment

Mr. Eder commented on the AQI and climate change.

Agenda Item #9 – Next Meeting Date

The next regular LGSBA Advisory Group meeting is scheduled for Friday, December 10, 2021 at 11:30 a.m. at Centro Basco in Chino, California.

Adjournment

The meeting adjourned at 1:18 p.m.

[↑ Back to Agenda](#)

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 19

REPORT: Legislative Committee

SYNOPSIS: The Legislative Committee held a meeting remotely on Friday, January 14, 2022. The following is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file this report and approve agenda items as specified in this letter.

Michael A. Cacciotti, Chair
Legislative Committee

DJA:LTO:PFC:DPG:ar

Committee Members

Present: Mayor Michael A. Cacciotti, Chair
Council Member Joe Buscaino, Vice Chair
Board Member Veronica Padilla-Campos
Senator Vanessa Delgado (Ret.)
Supervisor V. Manuel Perez
Supervisor Janice Rutherford

Absent: None

Call to Order

Chair Michael Cacciotti called the meeting to order at 9:00 a.m.

DISCUSSION ITEMS:

1. Update on South Coast AQMD Board membership legislation

Derrick Alatorre, Deputy Executive Officer/Legislative, Public Affairs & Media, provided an update regarding SB 342 (Gonzalez). This bill would increase the South Coast AQMD Governing Board from 13 to 15 members, by adding two environmental justice (EJ) appointees. South Coast AQMD has a “Work with

Author” position on this 2-year bill which must pass out of the Senate by the end of January to remain viable. Senator Lena Gonzalez informed staff that the bill is supported by numerous environmental and EJ groups, and is opposed by labor, business and the oil industry.

Supervisor Rutherford inquired about the meeting with Senator Gonzalez. Mr. Alatorre responded that staff received an update on the status of the bill. Supervisor Rutherford, Council Member Buscaino and Senator Delgado expressed strong concerns about SB 342.

Chair Cacciotti directed staff to agendize this bill for the next meeting.

There was no public comment.

2. Update and Discussion on Federal Legislative Issues

South Coast AQMD’s federal legislative consultants (Carmen Group, Cassidy & Associates, and Kadesh & Associates) provided written reports on key Washington, D.C. issues.

Gary Hoistma, Carmen Group, reported that Congress is back in session with several issues outstanding. Fiscal Year 2022 Appropriations are pending with the current continuing resolution expiring on February 18. The Build Back Better bill (Reconciliation) does not have enough votes to pass in the Senate. The Bipartisan Infrastructure Investment and Jobs Act, signed by President Biden on November 15, 2020, is beginning to be implemented by the Department of Transportation and other agencies.

Chair Cacciotti inquired about the Department of Energy’s new program. Mr. Hoitsma explained that the program is in the formative stages and more details, including potential grant opportunities, will be provided in the future.

Jed Dearborn, Cassidy & Associates, reported that the next Congress will be impacted by retirements with potential changes in leadership. Twenty six members will not seek re-election including Representative Peter DeFazio, Chair of Transportation & Infrastructure. Other retirements include six Representatives on the House Energy & Commerce Committee and the Chair and Ranking Member of the Senate Appropriations Committee.

Mark Kadesh, Kadesh & Associates, reported that the California delegation is losing a seat which will decrease representation in the House from 53 to 52 members. Three Members of Congress have announced they will not be seeking reelection including Representatives Karen Bass, Alan Lowenthal and Lucille Roybal-Allard.

Redistricting has impacted districts currently held by Representatives Michelle Steele, Katie Porter, Mike Levin and Mike Garcia.

There was no public comment.

3. Update and Discussion on State Legislative Issues

South Coast AQMD's state legislative consultants (Resolute, California Advisors, LLC, and Joe A. Gonsalves & Son) provided written reports on key issues in Sacramento.

David Quintana, Resolute, reported that Assembly Member Lorena Gonzalez has resigned, and that various state legislators will not be running for re-election including Assembly Members Chad Mayes, Jordan Cunningham, and Patrick O'Donnell, as well as Senators Sydney Kamlager and Andreas Borgeas. On February 15, two special elections will take place, one to replace former Assembly Member David Chiu, and the other to replace former Assembly Member Ed Chau.

Ross Buckley, California Advisors, LLC, reported that the Governor presented his 2022-23 budget on January 10, which totals \$286.4 billion. There is an estimated surplus of \$45.7 billion, of which \$20.6 billion is available for discretionary spending. The budget includes:

- \$6.1 billion over the next five years for zero-emission (ZE) vehicle adoption, including \$935 million for 1,000 ZE short-haul drayage trucks and 1,700 ZE transit buses, as well as \$400 million for port electrification;
- \$240 million for the AB 617 program, including \$180 million for incentives, \$50 million for implementation and \$10 million for technical assistance to community groups;
- \$30 million for local, real-time air pollution monitoring in disadvantaged communities;
- \$350,000 for targeted biomonitoring in AB 617 communities;
- \$1.8 million to establish a CARB Office of Racial Equity; and
- \$1.2 billion for port-related projects to increase goods movement on rail and roadways serving the ports.

The Legislature will start reviewing the Governor's proposed budget through the Subcommittee process which will commence in February.

Paul Gonsalves, Joe A. Gonsalves & Son, provided an overview of CARB's new heavy-duty vehicle inspection and maintenance program. The program requires smog checks for medium- and heavy-duty trucks and buses weighing greater than 14,000 pounds. CARB will implement the program to control emissions more effectively from non-gasoline on-road heavy-duty vehicles. As with passenger cars

and light-duty trucks, California registration of these heavier vehicles will require passing this inspection.

Changes to Committee leadership were announced, with Assembly Member Chris Holden appointed Chair of Appropriations; Assembly Member Eduardo Garcia appointed Chair of Utilities and Energy; and Assembly Member Rebecca Bauer-Kahan appointed Chair of Water, Parks and Wildlife.

COVID-19 continues to impact the Legislature, resulting in limitations such as one staff person in an office per day and restrictions on other in-person activities.

Chair Cacciotti expressed concern regarding the effectiveness of the new SB 210 heavy-duty vehicle smog check program, as fraud and enforcement could present challenges.

There was no public comment.

OTHER MATTERS:

4. Other Business

There was no other business to report.

5. Public Comment Period

There was no public comment.

6. Next Meeting Date

The next regular Legislative Committee meeting is scheduled for Friday, February 11, 2022 at 9:00 a.m.

Adjournment

The meeting adjourned at 9:42 a.m.

Attachments

1. Attendance Record
2. Update on Federal Legislative Issues – Written Reports
3. Update on State Legislative Issues – Written Reports

ATTACHMENT 1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT LEGISLATIVE COMMITTEE MEETING (VIA HYBRID) ATTENDANCE RECORD – January 14, 2022

Board Member Veronica Padilla-Campos..... South Coast AQMD Board Member
Council Member Joe Buscaino..... South Coast AQMD Board Member
Mayor Michael Cacciotti..... South Coast AQMD Board Member
Senator Vanessa Delgado..... South Coast AQMD Board Member
Supervisor V. Manuel Perez..... South Coast AQMD Board Member
Supervisor Janice Rutherford..... South Coast AQMD Board Member

Jacob Haik..... Board Consultant (Buscaino)
Debra Mendelsohn..... Board Consultant (Rutherford)
Mark Taylor..... Board Consultant (Rutherford)
Amy Wong..... Board Consultant (Padilla-Campos)
Ben Wong..... Board Consultant (Cacciotti)

Ross Buckley..... California Advisors, LLC
Jed Dearborn..... Cassidy & Associates
Paul Gonsalves..... Joe A. Gonsalves & Son
Gary Hoitsma..... Carmen Group, Inc.
Mark Kadesh..... Kadesh & Associates
David Quintana..... Resolute

Mark Abramowitz
Alan Caldwell
Nick Chiappe
Kris Flaig
Jason Henderson
Francis Keeler
Matt Klink
Bill LaMarr..... California Small Business Alliance
Zachary Leary
Karin Manwaring
Erick Martell
Max Reyes
David Rothbart
Harry Semerdjian
Patty Senecal
Mike West
Janet Whittick
Peter Whittingham
Sarah Wiltfong

Derrick Alatorre	South Coast AQMD Staff
Debra Ashby.....	South Coast AQMD Staff
Jason Aspell	South Coast AQMD Staff
Barbara Baird	South Coast AQMD Staff
Cindy Bustillos.....	South Coast AQMD Staff
Philip Crabbe.....	South Coast AQMD Staff
Sindy Enriquez	South Coast AQMD Staff
Anissa Cessa Heard-Johnson.....	South Coast AQMD Staff
Mark Henninger	South Coast AQMD Staff
Aaron Katzenstein	South Coast AQMD Staff
Jason Low	South Coast AQMD Staff
Ian MacMillian.....	South Coast AQMD Staff
Matt Miyasato	South Coast AQMD Staff
Ron Moskowitz	South Coast AQMD Staff
Susan Nakamura.....	South Coast AQMD Staff
Wayne Nastri.....	South Coast AQMD Staff
Denise Peralta Gailey	South Coast AQMD Staff
Sarah Rees.....	South Coast AQMD Staff
Aisha Reyes.....	South Coast AQMD Staff
Lisa Tanaka O'Malley.....	South Coast AQMD Staff
Anthony Tang.....	South Coast AQMD Staff
Hoan Thai.....	South Coast AQMD Staff
Vicki White	South Coast AQMD Staff
Jill Whynot.....	South Coast AQMD Staff
Paul Wright	South Coast AQMD Staff
Rainbow Yeung.....	South Coast AQMD Staff
Victor Yip.....	South Coast AQMD Staff



Carmen Group
I N C O R P O R A T E D

To: South Coast AQMD Legislative Committee

From: Carmen Group

Date: December 29, 2021

Re: Federal Update -- Executive Branch

CR, Debt Limit, Reconciliation: In December, Congress approved a two-month Continuing Resolution (CR), effectively kicking the FY22 appropriations process endgame to the new deadline of February 18. Meanwhile, Democrats in Congress were able to clear the debit limit hurdle without any Republican votes, though 19 Republicans in the Senate did assist by joining Democrats there in first approving a carve-out process to let it happen with just 51 votes instead of the normal 60. And finally, just before Christmas, President Biden's \$1.7-plus trillion Build Back Better reconciliation bill effectively died with Democratic Senator Sen. Joe Manchin's announcement that he had decided to join all 50 Senate Republicans in voting "no." An actual roll call vote on the Senate floor may – or may not – happen in early January. Then focus will turn early in the New Year to expected Democratic efforts to try to resurrect the bill in smaller pieces that by themselves might be able to win majority support.

Ultra-Low NOx Update: On December 2, Executive Officer Wayne Nastri delivered opening remarks at the national Ultra-Low NOx Webinar sponsored by the Alliance for Vehicle Efficiency (AVE) and CALSTART, with nearly 100 attendees from across the country. At the meeting, a representative from the EPA announced that the agency's long-awaited proposed rulemaking for heavy-duty trucks was on schedule to be released sometime in January and finalized by the end of 2022.

Infrastructure Law Implementation: On November 15, 2021, President Biden signed into law the Bipartisan Infrastructure Law (BIL), otherwise was known as the Infrastructure Investment and Jobs Act (IIJA), which includes a full five-year surface transportation reauthorization. The law also includes a number of provisions of special interest to South Coast AQMD, including most notably the EV Charging and Fueling Infrastructure provisions to be implemented by the Department of Transportation (DOT) and the Federal Highway Administration (FHWA); the Clean School Bus Program to be implemented by the Environmental Protection Agency (EPA); the EV Battery Supply Chain, Clean Energy, and Clean Hydrogen provisions to be implemented by the Department of Energy (DOE); and the Wildfire Mitigation provisions to be implemented by the Department of Agriculture (USDA), the Department of the Interior (DOI) and the Federal Emergency Management Agency (FEMA). From these federal agencies, here are some recent Infrastructure Law implementation announcements and actions of note:

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- **DOE/DOT – Joint Office of Energy and Transportation:** In December, Energy Secretary Jennifer Granholm and Transportation Secretary Pete Buttigieg signed a memorandum of understanding to create a Joint Office of Energy and Transportation to support the deployment of \$7.5 billion from the Infrastructure Law to build out a national vehicle charging network to “accelerate the adoption of electric vehicles.” See promotional videos:
Secretaries Buttigieg and Granholm
<https://youtu.be/K3NFGIgcMg>
Electric Trucker Driver
https://youtu.be/zJceJ_yjui8
- **FHWA – RFI on EV Charging Infrastructure Deployment:** In December, the Federal Highway Administration published a formal Request for Information (RFI), seeking public and stakeholder comments on the implementation of the Infrastructure Law’s new programs for national EV Charging and Charging/Fueling Infrastructure. Comments are due by January 28, 2022.
<https://www.govinfo.gov/content/pkg/FR-2021-11-29/pdf/2021-25868.pdf>
- **DOT – Infrastructure Law Benefits for California**
https://www.transportation.gov/sites/dot.gov/files/2021-11/Bipartisan_Infrastructure_Law_California.pdf
- **FHWA – Highway Program Funding Table – FY22 Apportionments by State**
https://www.fhwa.dot.gov/legsregs/directives/notices/n4510858/n4510858_t1.cfm
- **FHWA -- RFI on Infrastructure Law Implementation**
<https://www.govinfo.gov/content/pkg/FR-2021-12-01/pdf/2021-26145.pdf>
- **EPA – Clean School Bus Program Webinar:** On December 15, Carmen Group attended EPA’s live webinar on the Infrastructure Law’s new Clean School Bus Program (\$5 billion over five years), formatted as a listening session for EPA to gather stakeholder questions, viewpoints and suggestions regarding the program’s implementation. Participating stakeholders included several local government officials and an array of environmental, climate and EJ groups. A considerable majority of the 20 or so speakers urged EPA to focus the program on zero-emission EVs and to de-emphasize the law’s allowance for up to half of the money to go to low-emission alternative fuel vehicles. Only one speaker, a local official, expressed strong reservations about this approach, saying his district’s experience with EV buses was “mixed,” and included problems related to cold-weather reliability and range limitations.
- **DOE – Office of Clean Energy Demonstrations:** In December, the Department of Energy announced the establishment of the new Office of Clean Energy Demonstrations, as part of the Infrastructure Law’s multibillion dollar support of clean energy technology demonstration projects including clean hydrogen, carbon capture, energy storage and more, designed to spark critical innovations and follow-on private investments on a path to the Administration’s goal of net-zero emissions by 2050. The office will oversee more than \$20 billion in federal clean

energy investment, including \$8 billion for clean hydrogen which DOE says, “will turbo-charge our progress toward heavy trucking and industrial sectors that run without producing carbon pollution.” In addition, \$500 million is targeted for “demonstration projects in economically hard-hit communities.”

- **DOE – Notable Energy Manufacturing Investments:** The Department of Energy in November highlighted several important investments the Infrastructure Law will make available in clean energy manufacturing supply chains. These include \$7.5 billion in the supply chain for batteries; \$1.5 billion for clean hydrogen manufacturing and advancing recycling RD&D; and expanding DOE’s Loan Program Office to include zero-emission technologies for medium- and heavy-duty trucks, trains, aircraft and marine transportation.
- **DOE – RFI on Critical Climate Investments:** In December, the Department of Energy published a formal Request for Information (RFI) on technologies ready to be demonstrated that reduce carbon emissions and remove carbon dioxide from the atmosphere. Comments will help guide DOE in its implementation of the Infrastructure Law. Comments are due by January 24, 2022.
- **USDA/DOI/FEMA – Wildland Fire Mitigation and Management Commission:** Fulfilling a key provision of the Infrastructure Law, a new Wildland Fire Mitigation and Management Commission was formally established in December in a joint announcement of the Department of Agriculture, the Department of the Interior and the Federal Emergency Management Agency. The Commission will include representation from federal, state, Tribal, county and municipal governments as well as non-governmental stakeholders from private industry and will deliver a report to Congress with policy recommendations within one year of its first meeting.

Department of Transportation

Top FRA Official Visits Ports of Los Angeles and Long Beach: On December 8, Federal Railroad Administration (FRA) Deputy Administrator Amit Bose visited the Ports of Los Angeles and Long Beach to discuss progress in tackling supply chain issues. He was joined by representatives of the ports, rail carriers and labor organizations.

DOT Announces Grants for U.S. Ports: In December, the Department of Transportation announced more than \$241 million in discretionary grant funding for 25 projects to improve port facilities in 19 states through the Maritime Administration’s (MARAD) Port Infrastructure Development Program. Among the award recipients were the Port of Long Beach which received \$52,300,000 for its Pier B Early Rail Enhancement Project and the Port of Oakland which received \$5,200,000 for its Powering the Future Project.

DOT Secretary Buttigieg Remarks to IMO Assembly: On December 6, Secretary Buttigieg spoke to the International Maritime Organization Assembly meeting in London. Here is a brief excerpt: *“Greenhouse gas emissions from the maritime industry contribute significantly to climate change - and measures taken to date have not yet been enough to*

stop their growth. That's why the U.S. is pressing for the IMO to adopt a goal of zero emissions from international shipping by 2050, along with accelerated actions and standards to get us there.”

NHTSA Reverses Course by Reinstating the California Waiver: In December, as expected, the National Highway Traffic Safety Administration (NHTSA) finalized the Biden Administration’s rule to undo Part I of the Trump Administration’s SAFE rule which sought to preempt states, including California, from issuing in their own GHG standards and vehicle emissions mandates.

Environmental Protection Agency

EPA Finalizes New GHG Standards for Cars and Light Trucks: In December, the EPA finalized ambitious new GHG standards for passenger cars and light trucks for MY 2023-2026, completely undoing the Trump Administration’s SAFE rule which followed a much different approach. The new Biden Rule seeks to aggressively push toward a zero-emission future, arguing that its much stricter standards over four years will lead to EV and plug-in hybrids growing from about 7 percent of market share in MY 2023 to about 17 percent of market share in MY 2026.

EPA Announces Funding Availability for Air Pollution Monitoring Grants: In December, the EPA announced the availability of \$20 million in competitive grants to enhance ambient air quality monitoring in communities across the country, “especially in underserved and overburdened communities.” Community-based nonprofit organizations, Tribes, states and local governments may apply. Informational webinar scheduled January 11, 2022. Application period closes February 25, 2022.

EPA Announces Environmental Justice Grants: In December, the EPA announced \$14.1 million to 133 Environmental Justice grants across the country from funds appropriated through the American Rescue Plan (COVID Relief) bill. Among the grants awarded were ten projects in California, including one in Long Beach targeting households adversely impacted by pollution from the Port of Long Beach and local refineries.

EPA Awards \$8 Million for DERA Grants in California: In December, EPA announced over \$14 million in DERA grants across the country for projects that reduce diesel emissions. Of this, over \$8 million was awarded to five projects in California, including \$2,349,995 for South Coast AQMD.

Notable Appointment:

Martha Guzman, EPA Regional Administrator for Region 9

CPUC Commissioner; CA Gov. Brown staff; CA Rural Legal Asst. Found.; UFW

Outreach: Contacts included the Alliance for Vehicle Efficiency on the AVE/CALSTART Ultra-Low NOx rulemaking; and the Department of Transportation on port air quality issues.

###



To: South Coast Air Quality Management District
From: Cassidy & Associates
Date: December 29, 2021
Re: December Report

HOUSE/SENATE

The few weeks of December saw a flurry of action so Congress could get out of town before the holidays. Prior to the previous continuing resolution's (CR) expiration deadline at midnight on December 3, a new CR was finalized and passed by both the House and the Senate with a new expiration date of February 18. The National Defense Appropriations Act (NDAA) was also passed, as well as a bill that raised the debt ceiling by \$2 trillion.

We anticipate the House and Senate will take up the FY 2022 spending bills shortly after the holiday break. However, South Coast AQMD should plan on a CR through March given ongoing negotiations over the Build Back Better Act (BBB, also known as reconciliation).

The House-passed BBB legislation is still stalled in the Senate. They hope to restart negotiations in the new year.

EPA:

Earlier in December, the EPA opened up \$20 million for a competitive grants for community air pollution monitoring through the American Rescue Plan (ARP). The purpose is to enhance ambient air quality monitoring in communities across America, especially underserved and overburdened communities. The EPA will award funds to support community and local efforts to monitor air quality and to promote air quality monitoring partnerships between communities and Tribal, state, and local governments.

Community-based nonprofit organizations, Tribes, states, and local governments may apply for the grants. The application period closes February 25, 2022, and the EPA will be offering an informational webinar about the grants on January 11, 2022. More information can be found [here](#) and [here](#).

Cassidy and Associates support in December:

- Streamed Capitol Hill intelligence to SCAQMD related to Build Back Better and implementation of the infrastructure legislation
- Began initial conversations with staff on planning to apply for infrastructure funding for SCAQMD priorities
- Reported efforts of regional entities related to funding that might benefit SCAQMD

IMPORTANT LEGISLATIVE DATES

December 31, 2021

Expiration of:

- Expansions of earned income tax, child tax, and child and dependent care tax credits
- Employee retention credit
- Medicare sequestration
- Several tax extenders, including for energy and mortgage insurance premiums

February 18, 2022

Expiration of the current CR

PANDEMIC RESPONSE PROGRAMS AND AUTHORITIES

On December 3, the FDA expanded authorization of two monoclonal antibodies for treatment and post-exposure prevention of COVID-19 to younger pediatric patients, including newborns. The Emergency Use Authorization (EUA) for bamlanivimab and etesevimab was revised to additionally authorize the treatments to be administered together for the treatment of mild to moderate COVID-19 in all younger pediatric patients, including newborns, who have a positive COVID-19 test and are at high risk for progression to severe COVID-19, including hospitalization or death.

The FDA also authorized new long-acting monoclonal antibodies for pre-exposure prevention of COVID-19 in certain adults and pediatric individuals (12 years of age and older weighing at least 40 kilograms). The product is only authorized for those individuals who are not currently

infected with the SARS-CoV-2 virus and who have not recently been exposed to an individual infected with SARS-CoV-2. The authorization also requires that individuals either have:

- moderate to severely compromised immune systems due to a medical condition or due to taking immunosuppressive medications or treatments and may not mount an adequate immune response to COVID-19 vaccination (examples of such medical conditions or treatments can be found in the fact sheet for health care providers) or;
- a history of severe adverse reactions to a COVID-19 vaccine and/or component(s) of those vaccines, therefore vaccination with an available COVID-19 vaccine, according to the approved or authorized schedule, is not recommended.

The Pfizer-Biontech COVID-19 Vaccine booster does was expanded to now include individuals aged 16 and 17 years old. On November 19, the Pfizer-Biontech booster was authorized for all individuals over the age of 18.

On December 22, the FDA authorized its first oral antiviral for the treatment of COVID-19. Pfizer's Paxlovid is for the treatment of mild to moderate COVID-19 in adults and pediatric patients with positive COVID-19 results, and for those who are at high risk for progression to severe COVID-19, including hospitalization or death. Paxlovid is available by prescription only and should be initiated as soon as possible after diagnosis and within five days of symptom onset.

End Date/Program

March 27, 2025

Special inspector General for Pandemic Recovery

Sept. 30, 2025

Pandemic Response Accountability Committee, Congressional Oversight Commission

AGENCY RESOURCES

USA.gov is cataloging all U.S. government activities related to coronavirus. From actions on health and safety to travel, immigration, and transportation to education, find pertinent actions [here](#). Each Federal Agency has also established a dedicated coronavirus website, where you can find important information and guidance. They include: Health and Human Services ([HHS](#)), Centers of Medicare and Medicaid ([CMS](#)), Food and Drug Administration ([FDA](#)), Department of Education ([DoED](#)), Department of Agriculture ([USDA](#)), Small Business Administration ([SBA](#)), Department of Labor ([DOL](#)), Department of Homeland Security ([DHS](#)), Department of State ([DOS](#)), Department of Veterans Affairs ([VA](#)), Environmental Protection Agency ([EPA](#)),

Department of the Interior (DOI), Department of Energy (DOE), Department of Commerce (DOC), Department of Justice (DOJ), Department of Housing and Urban Development (HUD), Department of the Treasury (USDT), Office of the Director of National Intelligence (ODNI), and U.S. Election Assistance Commission (EAC).

Helpful Agency Contact Information:

U.S. Department of Health and Human Services – Darcie Johnston (Office – 202-853-0582 / Cell – 202-690-1058 / Email – darcie.johnston@hhs.gov)

U.S. Department of Homeland Security – Cherie Short (Office – 202-441-3103 / Cell – 202-893-2941 / Email – Cherie.short@hq.dhs.gov)

U.S. Department of State – Bill Killion (Office – 202-647-7595 / Cell – 202-294-2605 / Email – killionw@state.gov)

U.S. Department of Transportation – Sean Poole (Office – 202-597-5109 / Cell – 202-366-3132 / Email – sean.poole@dot.gov)

KADESH & ASSOCIATES

South Coast AQMD Report for the November 2021 Legislative Meeting covering October 2021 Kadesh & Associates

In November, Congress made several breakthroughs in the effort to advance the major legislative items that make up President Biden's agenda.

Late in the evening of November 5, the Infrastructure Investment and Jobs Act (IIJA) was approved by the House. The bill was approved in a bipartisan 228-206 vote, after several procedural hurdles and delays, including intense negotiations involving President Biden and Speaker Pelosi with moderate and progressive Democrats. All in all, the final vote on the bill was held for six weeks after the House first debated it, and after two short-term highway and transit extensions in the past two months. It was signed into law by President Biden on November 15.

This new infrastructure law includes \$550 billion in new funding, and \$1.2 trillion in total, for infrastructure investment, including for roads and bridges, rail systems, drinking water and clean water, the electric grid, and other programs. As discussed in earlier reports, the law will provide significant funding for several South Coast AQMD priorities. For example, the Port Truck Emissions Reduction Program will provide \$400 million to reduce air emissions from trucks idling at port facilities. The legislation also includes a version of the Clean Corridors program that South Coast AQMD has supported; under the new law's formula, about \$384 million will be delivered to California to support the expansion of an EV charging network, which is in addition to a separate \$2.5 billion grant program for the same purpose. Other funding in the new law will also help to improve air quality, such as the Carbon Reduction Program, which is focused on reducing transportation emissions.

Once the IIJA was approved by the House, the path toward a House vote on the Build Back Better Act (BBBA) opened up as well. The several moderate House Democrats who had raised cost concerns about the bill were reassured by the Congressional Budget Office's evaluation of the legislation, and the House approved the BBBA by a party-line vote of 220 - 213 on November 19.

Despite a number of technical changes since last month's report, the version of the legislation delivered to the Senate still includes \$100 million to cover mitigation efforts at the Salton Sea and other similarly situated water bodies, \$5 billion to convert Class 6 and 7 vehicles to EV technologies, \$3.5 billion for zero-emission equipment and technology at ports with a 25% set-aside for nonattainment areas, another \$600 million for port infrastructure and supply chain resilience, \$60 million for DERA projects, and \$230.5 million for air quality monitoring, grants, and other activities authorized under CAA sections 102, 103, and 105. The Senate process for this bill will begin soon, and it is likely to include many intra-party negotiations, especially with Senators Manchin and Sinema.

KADESH & ASSOCIATES

We have also continued working with the California congressional delegation to bring increased federal attention to clean air attainment deadlines. In particular, at our request, Senator Padilla has recently contacted senior EPA officials to make the case that federal mobile source regulations need to be updated to help South Coast AQMD and other air quality districts meet attainment. Following up on this high-level engagement, this month we also convened a briefing for the Senator's staff about the air quality impacts of supply chain issues in the South Coast basin. The briefing was conducted by South Coast AQMD's Executive Officer and other senior staff, and demonstrated the high priority placed on air quality by the Senator's office.

Kadesh & Associates Activity Summary-

- Worked with South Coast AQMD to advocate for priority items to remain in BBBA, including incentives for medium- and heavy-duty trucks, air monitoring, DERA, Salton Sea, and other issues.
- Engaged with delegation offices to monitor and report on IIJA and BBBA negotiations.
- Worked with South Coast AQMD staff on strategy to address nonattainment deadlines.

Contacts:

Contacts included staff and House Members throughout the CA delegation, especially the authors of priority legislation, members of the South Coast House delegation, and members of key committees. We have also been in touch with administration staff.

###

South Coast Air Quality Management District Legislative and Regulatory Update – December 2021

❖ Important Dates

- Jan. 1 – Statutes passed in the previous Legislative session take effect.
- Jan. 3 – Legislature reconvenes.
- Jan. 10 – Budget must be submitted by Governor.
- Jan. 14 – Last day for policy committees to hear and report to fiscal committees the fiscal bills introduced in their house in the previous Session.
- Jan. 21 – Last day for any committee to hear and report to the floor bills introduced in that house in the previous Session.
- Jan. 21 – Last day to submit bill requests to the Office of Legislative Counsel.
- Jan. 31 – Last day for each house to pass bills introduced in that house in the previous Session.
- Feb. 18 – Last day for bills to be introduced.
- Feb. 20 – Last day for the state and legislative maps drawn by the California Redistricting Commission to be challenged in court.

❖ RESOLUTE Actions on Behalf of South Coast AQMD. RESOLUTE partners David Quintana, Jarrell Cook, and Alfredo Arredondo continued their representation of South Coast AQMD before the State's Legislative and Executive branches. Selected highlights of our recent advocacy include:

- Submitted a letter on behalf of South Coast AQMD to the Assembly Transportation Committee registering South Coast AQMD's opposition to AB 220 (Voepel), which would exempt from the smog check program all motor vehicles manufactured after the 1976 model year but prior to the 1983 model year if the owner submits proof that the motor vehicle is insured as a collector motor vehicle.
- Coordinated and finalized gathering of legislators' signatures in support of the letter authored by Assemblymember Eduardo Garcia on behalf of South Coast AQMD regarding its classification as an "independent special district" for purposes of COVID-19 Fiscal Relief.
- Set up a briefing of Senator Gonzalez by South Coast AQMD staff—tentatively set for mid-January—to discuss South Coast AQMD's priorities for 2022 and how the Senator can help the South Coast region.

❖ The California Citizen's Redistricting Commission Released Final Draft of District Maps. On Monday December 20, the state's independent Redistricting Commission submitted its final drafts for the state and federal legislative electoral maps to the Secretary of State. The Secretary of State will now submit these maps to the State Legislature and each of the state's 58 counties to redraw precincts within the new district lines.

Democrats remain heavily favored in the newly drawn lines and are expected to maintain their super-majority in the Legislature. The new lines have created some head-to-head matchups between sitting Democrats:

- AD 44—Assemblymembers Adrin Nazarian, Laura Friedman, and Jesse Gabriel all occupy the same district. Friedman and Nazarian have both announced their intention to run for the seat.

- AD 58—Assemblymembers Sabrina Cervantes and Eloise Gomez Reyes have been placed in the same district as retiring Assemblymember Jose Medina.
- AD 79—Assemblymember Lorena Gonzalez’ home has been drawn out of AD 80 and into a district currently represented by relative newcomer Assemblymember Dr. Akilah Weber. Gonzalez has not announced whether she will move into the *new* and vacant AD 80 or run against Weber; however, recently, the California Labor Federation voted to establish her as its next executive when its current leader retires, without announcing when or how that transition could occur.
- SD 14/17—Senator Anna Caballero’s home is now in the district currently represented by Senator John Laird. The rest of Caballero’s district is now part of SD 14, currently represented by Senator Melissa Hurtado. Caballero recently purchased a home in Merced and announced that she would be running in SD 14.
- SD 22—Senator Connie Leyva’s home is now in the same district as Senator Susan Rubio, while the rest of Leyva’s district is now in the new SD 29. Leyva has announced that she will not be running for re-election in SD 22. Leyva also announced that she plans to run for state superintendent of education in 2026.
- SD 37—Senator Josh Newman and Senator David Min are now competing in the same Orange County district.

The following members of the Legislature will be retiring, termed out, or seeking new office in 2022:

- Assemblymember Bill Quirk (D)—Retiring
- Assemblymember Jim Frazier (D)—Retiring
- Assemblymember Jose Medina (D)—Retiring
- Assemblymember Kevin Mullin (D)—Running for Congress (CD14)
- Assemblymember Rudy Salas (D)—Running for Congress (CD21)
- Assemblymember Cristina Garcia (D)—Running for Congress (CD42)
- Assemblymember Marc Levine (D)—Running for Insurance Commissioner
- Assemblymember Richard Bloom (D)—Running for LA County Supervisor
- Senator Jim Nielsen (R)—Termed out in 2022
- Senator Richard Pan (D)—Termed out in 2022
- Senator Bob Wieckowski (D)—Termed out in 2022
- Senator Bob Hertzberg (D)—Termed out in 2022
- Senator Melissa Melendez (R)—Termed out in 2022
- Senator Pat Bates (R)—Termed out in 2022
- Senator Ben Hueso (D)—Termed out in 2022
- Senator Sydney Kamlager (D)—Running for Congress (CD37)
- Senator Henry Stern (D)—Running for LA County Supervisor; if he loses, he will continue his term until he is up for re-election in 2024.

❖ **Speaker Rendon Announces Changes to Committees.** Speaker Anthony Rendon sent a memo to his colleagues announcing changes to the Assembly committees for the 2021-22 Regular Session:

- **Leadership**
 - Isaac Bryan has been removed as Assistant Majority Whip.
- **Arts, Entertainment, Sports, Tourism and Internet Media**
 - Tasha Boerner Horvath replaces Assemblymember Sharon Quirk-Silva as Chair of the Committee.

- Quirk-Silva has been removed from the Committee. One seat remains vacant.
- **Budget**
 - Buffy Wicks has been appointed to the Budget Committee and to Budget Subcommittee No. 4 on State Administration.
- **Business and Professions**
 - Mia Bonta has been appointed to the Committee
 - Alex Lee has been appointed to the Committee.
- **Communications and Conveyance**
 - Mia Bonta has been appointed to the Committee.
 - Brian Maienschein has been appointed to the Committee.
 - Isaac Bryan has been removed from the Committee.
- **Education**
 - Megan Dahle replaces Kevin Kiley as Vice Chair of the Committee.
 - Phillip Chen has been appointed to the Committee.
 - Kevin Kiley has been removed from the Committee.
- **Elections**
 - Isaac Bryan replaces Marc Berman as Chair of the Committee.
 - Berman has been removed from the Committee.
- **Housing and Community Development**
 - Christopher Ward has been appointed to the Committee.
 - Wendy Carrillo has been appointed to the Committee.
 - Brian Maienschein has been removed from the Committee.
- **Human Services**
 - Mia Bonta has been appointed to the Committee.
 - Christopher Ward has been removed from the Committee.
- **Jobs, Economic Development, and the Economy**
 - Tasha Boerner Horvath has been removed from the Committee. Two seats remain vacant.
- **Privacy and Consumer Protection**
 - Wendy Carrillo has been removed from the Committee. Three seats remain vacant.
- **Public Safety**
 - Mia Bonta has been appointed to the Committee.
 - Isaac Bryan has been appointed to the Committee.
 - Alex Lee has been removed from the Committee.
 - Buffy Wicks has been removed from the Committee.
- **Rules**
 - Mia Bonta has been appointed to the Committee.
 - Dr. Akilah Weber has been removed from the Committee.
- **Special Committee on Legislative Ethics**
 - Akilah Weber replaces Buffy Wicks as Co-Chair of the Committee.
 - Buffy Wicks has been removed from the Committee

- **Joint Committee on the Arts**
 - Tasha Boerner Horvath replaces Sharon Quirk-Silva as Vice Chair of the Joint Committee.
 - Quirk-Silva has been removed from the Committee.

The chairs and composition of the Assembly Committees on Transportation and Natural Resources remain the same.

- ❖ **CA Attorney General Bonta Releases a Statement in Support of Higher GHG Standards for Light Duty Vehicles.** The office of Attorney General Bonta and the California Air Resources Board released a [joint statement](#) on December 20 in support of the Federal Environmental Protection Agency’s adoption of a rule that would establish more stringent standards for light duty cars and trucks.

Bonta led a multistate coalition of 22 attorneys general in support of the EPA’s rulemaking. In [their letter](#) submitted in September, the coalition argued:

- “More stringent standards advance the objective of Section 202(A) of the Clean Air Act, which requires the EPA to reduce threats to public health and welfare from harmful air pollution;
- Automakers are well-positioned to meet the more stringent standards, as early as model year 2023, and the lead time is more than ample; and
- The EPA’s analysis, and the full record, supports the finalization of more stringent standards.”

This action follows recent activity by the AG’s office related to climate change and emissions. Over the past year, Bonta and CARB Chair Liane Randolph advocated for the EPA to restore California’s waiver for vehicle emission standards under the Clean Air Act; the AG and CARB also led a coalition urging the National Highway Traffic Safety Administration to repeal the "Preemption Rule" over California’s GHG and zero-emission-vehicle standards.

- ❖ **Assembly Budget Chair Releases 2022 Budget Blueprint.** Assembly Budget Chair Phil Ting and the Assembly Budget Committee released their budget blueprint for the 2022 Legislative Session, ‘Delivering Prosperity & Strengthening the Future.’

Looking Ahead to 2022

- State must ensure bold 2021 investments are accomplished
 - This will help more Californians reap the benefits of a rebounding economy
- LAO revenue estimates
 - \$31.2 billion total surplus
 - \$3 to \$8 billion increase in baseline budget possible
- Assembly Plan will address Gann Limit


**DELIVERING PROSPERITY
&
STRENGTHENING THE FUTURE**

The blueprint identifies the following priorities for ‘bold investment’ of an estimated \$31.2 billion surplus:

- COVID Response & Healthcare
 - Improve public health infrastructure to address COVID
 - Increase access to health and human services programs like Medi-Cal, CalFresh, and CalWORKs through program simplification and expanded eligibility
 - Devote more resources to violence and suicide prevention
- Education & Youth Services
 - Increase school funding, especially to address students facing learning loss and mental health issues
 - Implement universal transitional kindergarten
 - Fund child welfare and foster care
 - Bolster multi-year enrollment growth at the University of California and California State University
- Employment & Economic Development (EDD)
 - Develop a ‘strike team’ to improve EDD
 - Create ‘living wage jobs’
 - Fund broadband access to rural communities
 - \$10 billion for school facilities and additional investments for university and community college facilities
 - \$10 billion for transportation projects statewide, including transit infrastructure
 - Attract new workers to health care, education, and childcare occupations
 - Focus on creating second chances for formerly incarcerated Californians
- Housing
 - Fund more permanent and temporary housing
 - Monitor rent relief funds
 - Create ongoing funding stream for supportive housing of indigent adults
- Natural Resources
 - Fund wildfire prevention and programs to address climate change
 - Drought response and water resilience

❖ **President Biden Appoints CPUC’s Martha Aceves to the EPA.** Commissioner Martha Guzman Aceves, who has served on the California Public Utilities Commission for five years, has been appointed by President Biden to serve as the Region 9 Administrator for the U.S. Environmental Protection Agency. Region 9 has jurisdiction over the implementation and enforcement of Federal environmental laws in California, Arizona, Hawaii, Nevada, the Pacific Islands, and 148 tribal nations in the Pacific Southwest.

❖ **Ballot Initiative to Phase Out Fossil Fuels Seeking Signatures.** A private citizen, Kamyar Feiz, has launched an initiative, ‘Prohibits Fracking And Phases Out Use Of Oil, Natural Gas, And Coal,’ that would ban hydraulic fracturing by May 2023, prohibit the permitting of new wells after 2025, and phase out well extraction completely by 2045. The Secretary of State analysis indicates that the measure would likely decrease state tax and fee revenues by hundreds of millions of dollars annually.

[Initiative #21-0028](#) was launched without the funding or organization of the state’s major green groups or the support of sitting legislators that have previously pursued fracking bans. The initiative needs 623,212 signatures by June 6 to qualify for the 2022 ballot.



CALIFORNIA ADVISORS, LLC

South Coast AQMD Report
California Advisors, LLC
January 14, 2022 Legislative Committee Hearing

Legislative Update

Senate President pro Tempore Toni Atkins recently formed the Senate Climate Working Group for 2022, consisting of State Senators John Laird (Chair), Ben Allen, Josh Becker, Anna Caballero, Maria Elena Durazo, Lena Gonzalez, Bob Hertzberg, Sydney Kamlager, Monique Limon, Mike McGuire, Henry Stern, and Bob Wieckowski. The core pillars that the group is focusing on include transitioning away from fossil fuels, labor and career training, greening the energy grid, and adaptation and resiliency. Like the previous working groups the Senate has created before, such as the ones on wildfires or Public Safety Power Shutoffs (PSPS), this group will take the lead on crafting a plan to tackle these complicated issues.

Budget Update

The Department of Finance released their most recent economic update with November's cash report. The preliminary numbers show that for the first five months of the 2021-22 fiscal year the state brought in over \$13.378 billion above estimates. The month of November alone saw the state collect over \$2.183 billion above the monthly forecast. The main driver of the strong economic position remains personal income tax receipts which were \$9.434 billion above forecast over the first five months of the fiscal year. As the Governor prepares to release his proposed 2022-23 budget in early January, he can include these revised numbers into his spending plan.

On December 9, Assembly Budget Chair Phil Ting released his budget blueprint. The plan emphasizes ensuring that the state's economic recovery is more inclusive. In addition to expanding prosperity, the Assembly Budget Blueprint devotes one-time funds to infrastructure projects to complement federal funds and prepares the state for the years ahead. Other key areas for the Assembly will be climate resiliency, mental health needs, housing and homelessness, and transportation/transit for the state.

Similarly, Senate President pro Tempore Toni Atkins and Senator Nancy Skinner, Chair of the Senate Budget and Fiscal Review Committee, released their "key values" which will guide them as they craft this year's budget. From their press release, "The Senate budget values include maintaining the state's historic reserves to protect the progress we are making from future downturns; aligning new commitments with Gann Limit requirements such as maximizing infrastructure investments — including for schools and higher education — and strengthening targeted tax relief programs; and building a more equitable economy through investments that

will help get California back to work, strengthen the middle class, assist struggling families and aging Californians, address housing challenges and homelessness, and improve and broaden access to quality education.”

Cap-and-Trade Update

The California Air Resources Board, in conjunction with the government of Quebec, hosted their final Cap-and-Trade auction of 2021 on November 17. As we reported last month, the auction sold out of allowances and now the final numbers have been reported. The auction raised \$1,293,418,042.97 dollars for the Greenhouse Gas Reduction Fund (GGRF), which was over \$100 million more than the auction in August generated. To date, the cap-and-trade program has raised over \$18 billion dollars for California.

Political Update

The independent redistricting commission approved final maps on December 20 for the Board of Equalization, Congress, State Senate and Assembly to be posted and to receive public comment. The Commission had to wait for a 3-day period and then took their final vote on December 26 to send these maps to the Secretary of State. These maps will govern state politics for the next 10 years. According to the Sacramento Bee newspaper, these maps will better reflect the growing Latino population in the state. Twenty-two of the 80 Assembly districts have a Latino citizen voting age population greater than 50%, as do 11 of the 40 Senate districts and 16 of the 52 Congressional districts. We previously reported on several legislators who have announced their retirements or intentions to run for a different seat. However, we are starting to see party-on-party races that could turn very contentious in 2022.



Joe A. Gonsalves & Son

Anthony D. Gonsalves

Jason A. Gonsalves

Paul A. Gonsalves

PROFESSIONAL LEGISLATIVE REPRESENTATION

925 L ST. · SUITE 250 · SACRAMENTO, CA 95814-3766

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Email: gonsalves@gonsalvi.com

TO: South Coast Air Quality Management District

FROM: Anthony, Jason & Paul Gonsalves

SUBJECT: Legislative Update – December 2021

DATE: Monday, December 27, 2021

The month of December was extremely quiet in Sacramento due to the Legislature being in recess and the Holidays. Legislative and executive offices spent the month transitioning to their temporary “swing space” while the Capitol Annex is being remodeled. Legislative and executive employees are being temporarily located in the newly built building at 10th and O, until the Capitol annex renovation’s projected completion in 3 years.

In the meantime, legislators are back in their districts during the legislative interim until the start of the 2022 legislative session on January 3, 2022.

The following will provide you with updates of interest to the District:

GOVERNOR’S ACTIONS TO PROTECT CALIFORNIANS FROM COVID-19

On December 22, 2021, Governor Gavin Newsom announced new booster requirements and testing measures to better protect all Californians as the Omicron variant becomes the dominant COVID-19 strain in the nation.

The COVID-19 booster requirement for health care workers will mitigate potential staffing shortages while helping to safeguard the state’s hospital capacity and protect the health and safety of Californians. Combined with the new federal policies announced, these actions will help ensure everyone in California has access to testing throughout the holiday season and that K-12 public school students can return to school safely.

By February 1, 2022, health care workers and all employees in high-risk congregate settings, including nursing homes, will be required to get their booster. In the interim, all health care staff that have not received their booster must test for COVID-19 twice weekly until they are up to date on their vaccines.

To help mitigate the spread of COVID-19 in our schools, the state is also increasing the availability of at-home COVID-19 tests across California so K-12 public-school students can be tested as they return to school from winter break. In early December, the California Department of Public Health (CDPH) distributed approximately 2 million tests to schools for this purpose. CDPH will expand those efforts by providing 1-2 rapid tests for every student. CDPH will work with local education and health partners to distribute those test kits as quickly and efficiently as possible.

To ensure every Californian has access to testing, the state will also be expanding antigen test availability and expanding hours of operation at state-sponsored OptumServe sites that are already at capacity. Today, 90% of the population lives within a 30-minute driving distance of a site. Over the course of the pandemic, the state has established 6,288 testing sites statewide, comprising 31% of the nation's testing sites. In support of this effort, since August, the state has purchased over 12 million over-the-counter tests. CDPH is distributing an additional 6 million tests to community partners serving disproportionately impacted Californians and 4 million to local health jurisdictions.

California has led the nation's fight against COVID-19, implementing the most robust vaccination and testing programs in the country. To date, California has administered over 64 million vaccination doses and over 116 million tests, with an average turnaround of just 48 hours. In recent months, Governor Newsom implemented a series of measures to slow the spread of COVID-19, including first-in-the-nation vaccine and masking measures requiring that workers in health care settings be fully vaccinated, announcing plans to add the COVID-19 vaccine to the list of vaccinations required to attend school in-person when fully approved, requiring masking in schools and implementing a standard that all school staff and all state workers either show proof of full vaccination or be tested. These decisive actions have resulted in California being labeled the safest state to live in during COVID-19 and a national leader in preventing school closures.

LEGISLATIVE MUSICAL CHAIRS

Assemblymember Ed Chau

On November 29, 2021, Governor Newsom appointed Assemblymember Ed Chau as a Judge in the Los Angeles County Superior Court. Assemblymember Chau has served in the State Legislature representing the 49th Assembly District since 2012. He was a Sole Practitioner from 1994 to 2012 and served as a Montebello Unified School District Board Member from 2000 to 2012. Assemblymember Chau earned a Juris Doctor degree from Southwestern University School of Law. He fills the vacancy created by the

retirement of Judge Robert J. Perry. This appointment will require Assemblymember Chau to vacate his Assembly seat.

On December 10, 2021 Governor Newsom issued a proclamation declaring a special election for the 49th Assembly District of the State of California on April 19, 2022. The primary for the special election will be held on February 15, 2022.

Assemblymember Bill Quirk

On December 9, 2021, Assemblymember Bill Quirk announced his retirement from the 20th Assembly District. Assemblymember Quirk chose not to seek a 6th term in the Assembly for the 2023-24 session. He will finish his current term, thus there will not be a need for a special election.

Assemblymember Jose Medina

On December 10, 2021, Assemblymember Jose Medina announced his retirement from the 61st Assembly District. Assemblymember Medina chose not to seek a 6th term in the Assembly for the 2023-24 session. He will finish his current term, thus there will not be a need for a special election.

CARB'S SMOG CHECK FOR HEAVY DUTY TRUCKS AND BUSES

On December 9, 2021, the California Air Resources Board approved a 'smog check' regulation for medium- and heavy-duty trucks and buses. While these heavy-duty vehicles with a gross vehicle weight rating (GVWR) greater than 14,000 pounds comprise only 3% of all vehicles on California roads, they are responsible for more than 50% of nitrogen oxides and fine particle diesel pollution from all mobile sources in the state.

The action taken by CARB will cover roughly 1 million heavy-duty trucks and buses operating in California. The twice-a-year inspections will ensure that the emissions control systems maintain the same efficiency as the vehicle ages. By 2037, the program is estimated to deliver reductions of 82 tons per day of NO_x and fine particle diesel pollution. The Board also directed a four-times per year testing frequency for trucks with on-board diagnostics to be phased in over time.

The new program is expected to yield \$75 billion in health benefits, prevent 7,500 air-quality related deaths and 6,000 hospitalizations and emergency room visits from 2023 to 2050. These benefits are 18 times the estimated cost of the program at \$4 billion. The program is designed to provide a convenient approach for compliance to businesses and vehicle owners, prevent highly polluting trucks and buses from being registered, and will result in the rapid repair of malfunctioning emissions control equipment when it breaks.

The new program implements SB 210, authored by Senator and ex-officio Board member Connie Leyva in 2019, which directs CARB to develop and implement a new,

comprehensive Heavy-Duty Inspection and Maintenance program to control emissions more effectively from non-gasoline on-road heavy-duty vehicles. It will also include independent owner/operators who were exempt from the current program of periodic smoke inspections.

The Heavy-Duty Inspection and Maintenance program will roll out a statewide network of roadside emission monitors to screen for high emitting trucks, starting with the San Joaquin Valley and South Coast and expanding over time. It will also require vehicles with a GVWR greater than 14,000 pounds operating in California to perform periodic testing and submit the data to CARB. As with passenger cars and light-duty trucks, California registration of these heavier vehicles will require passing the inspection. Unlike light-duty smog checks, however, there is no requirement to go to a 'brick and mortar' heavy-duty smog check station. Heavy-duty vehicle owners will be able to complete the required test and deliver the information remotely without having to travel to designated testing locations. For telematics users, an onboard diagnostics (OBD) inspection can be utilized that draws emissions control performance data from the vehicle's internal computer. An inspection can be completed automatically without taking the vehicle out of operation. OBD systems have been required by CARB on heavy-duty vehicles since 2013. Older heavy-duty vehicles without on-board diagnostic systems would continue the current opacity testing requirements with an added visual testing component, twice each year.

The Heavy-Duty Vehicle Inspection Program will continue to augment the new testing requirements with inspections and testing randomly carried out at border crossings, California Highway Patrol weigh stations, fleet facilities and randomly selected roadside locations.

2022 LEGISLATIVE DEADLINES

January 1: Statutes take effect.

January 3: Legislature reconvenes.

January 10: Budget must be submitted by Governor.

January 14: Last day for policy committees to hear and report to fiscal committees' fiscal bills introduced in their house in the odd-numbered year.

January 21: Last day for any committee to hear and report to the floor bills introduced in that house in the odd-numbered year. Last day to submit bill requests to the Office of Legislative Counsel.

January 31: Last day for each house to pass bills introduced in that house in the odd-numbered year.

February 18: Last day for bills to be introduced.

[↑ Back to Agenda](#)

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 20

REPORT: Marine Port Committee

SYNOPSIS: The Marine Port Committee held a meeting remotely on Friday, January 21, 2022. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Rex Richardson, Co-Chair
Joe Buscaino, Co-Chair
Marine Port Committee

IM:rb

Committee Members

Present: Vice Mayor Rex Richardson/Co-Chair
Council Member Joe Buscaino/Co-Chair
Supervisor Lisa Bartlett
Senator (Ret.) Vanessa Delgado
Board Member Veronica Padilla-Campos
Mayor Larry McCallon

Call to Order

Co-Chair Buscaino called the meeting to order at 12:00 p.m.

INFORMATIONAL ITEMS:

1. Update on Port MOU Process

Ian MacMillan, Assistant Deputy Executive Officer/Planning, Rule Development and Area Sources, provided an update on MOU discussions with the Ports of Los Angeles (POLA) and Long Beach (POLB) and summarized the key concerns from each party on the draft MOU and summarized a recent community meeting.

Co-Chair Buscaino and Board Member Padilla-Campos clarified proposed versus adopted state program budgets that the Ports may benefit from.

Public Comments:

Harry Semerdjian, Los Angeles Area Chamber of Commerce; Sarah Wiltfong, Los Angeles County Business Federation (BizFed); Luis Portillo, San Gabriel Valley Economic Partnership; and Edgar Arreola, Inland Empire Economic Partnership, urged South Coast AQMD to not proceed with developing an indirect source rule (ISR) for the Ports or marine terminal operators, and instead, proceed only with a MOU with POLB. They stated that an ISR would further disrupt the supply chain, stifling the Ports productivity, causing job losses, increasing costs, causing cargo diversion to other ports, and resulting in foregoing near-term emission reductions and health benefits afforded by POLB's December MOU proposal. Similar comments were made by Bernice Jimenez Creager, California Trucking Association, and Henry Rogers, Harbor Association of Industry and Commerce.

Heather Tomley, POLB, stated that POLB's December MOU proposal includes voluntary commitments responsive to the Committee's comments and beyond the 2017 Clean Air Action Plan (CAAP) goals. The proposal includes measures for trucks, terminal equipment, ocean-going vessels, and on-dock rail. She stated that an ISR approach would not provide additional tools, feasible technologies, jurisdiction to the Port, and would make it more difficult to work collaboratively, thereby delaying air quality benefits. Matt Schrap, Harbor Trucking Association; and Thomas Jelenić, Pacific Merchant Shipping Association (PMSA), stated that an ISR would delay emission reductions by potentially foregoing POLB's offer of advanced funding for ZE/NZE drayage trucks. They requested that the technical working group process be resumed for emission reductions quantification. Mr. Jelenić cited technology unavailability and Mr. Schrap cited limitation in Ports' authority as reasons why necessary near-term emission reductions cannot be achieved.

Yassamin Kavezade, Sierra Club; Raj Dhillon, Breathe Southern California; and Fernando Gaytan, Earthjustice, commented on the need for an ISR, the lack of sufficient emission reductions resulting from the multi-year MOU process, and public health implications of port congestion. Mr. Gaytan emphasized that increased emissions from all port sources due to port congestion, and that port emissions contribute to secondary formation of air pollutants in the inland region in addition to impacting port communities. Andrea Vidaurre, People's Collective for Environmental Justice, agreed and added that pre-existing health conditions due to long-term exposure to air pollution have placed additional burdens on frontline workers and communities during the pandemic. Mr. Dhillon and Ms. Kavezade additionally stated that an ISR would not result in tradeoffs between the economy and environmental/health protection. Mandeera Wijetunga, Pacific Environment, stated that the shipping industry can be green and successful if there is the will.

Ms. Kavezade stated that an ISR is needed for both ports and railyards to hold them accountable for a sustainable and equitable transition to the best emission reduction

technologies and practices. A similar comment was made by Angie Balderas, Sierra Club. Additionally, Ms. Balderas; Sylvia Betancourt, Long Beach Alliance for Children with Asthma; and Jessie Parks, Sierra Club all advocated for zero emission port operations to protect public health. Mr. Parks was also concerned that the MOU process would not fully consider the concerns from those most impacted by port emissions. Elliot Gonzales, Sierra Club, commented that full public engagement is a key advantage for pursuing an ISR approach and stated his support for an ISR that would provide standardized requirements for both ports. Mr. Wijetunga commented that a more regular committee schedule would facilitate greater public engagement.

Several concerns were raised regarding the Ports' MOU proposals, by Mr. Gonzales with the potential legal liability and financial pressure on South Coast AQMD. Mr. Wijetunga expressed concern with the lack of enforcement mechanisms. Theral Golden, West Long Beach Association, expressed concern with the clawback provision attached to the POLB offer to deter South Coast AQMD from early MOU termination. Mr. Golden was also concerned that the Ports were not on track with their own CAAP implementation timeline and goals. Citing a 60 percent increase in community deaths and urged the adoption of an ISR to protect community health.

Mark Abramowitz, Community and Environmental Services, commented that the clean air progress made by ports and businesses is far short of the necessary emission reductions, especially when reduction needs to attain California's clean air standards and to reduce air toxics emissions are considered. He added that shortfalls in CARB regulations coupled with port inaction would require reductions to come from elsewhere in the region, potentially impacting small businesses, essential public services, and major stationary sources.

Board Member Comments:

Bayron Gilchrist, General Counsel, identified for the record that Co-Chair Richardson had no financial interest in Item No. 1, but he is a Council Member of the City of Long Beach, which is involved in this item.

Board Member Padilla-Campos commented that the Board provided the Ports with an additional six months to revisit their MOU offers. She expressed concerns with the POLB proposal and that POLA did not engage well in MOU discussions. She added that staff should move forward with developing a potential ISR as directed by the Board and asked staff to ensure sufficient lead time for Committee meeting noticing.

Co-Chair Richardson commented that POLB had offered a significantly enhanced MOU proposal, as requested by the Committee. He stated that the objective of the MOU approach is to secure voluntary actions to achieve meaningful emission reductions today, and that an MOU does not preclude an ISR or continued collaboration to obtain additional emission reductions over time to meet regional attainment needs. He added

that POLB would need to remove provisions in the MOU proposal regarding the need to return all advanced funding if South Coast AQMD initiates early MOU termination. He expressed concerns about potentially foregoing the advanced funding offered by POLB if the MOU discussion ends in February. Co-Chair Richardson asked staff to provide an estimate of the time it takes to develop a potential ISR, and to clarify the subsequent actions if an MOU is not executed by the February Board meeting date. Wayne Nastri, Executive Officer, emphasized that staff from POLB and South Coast AQMD continued to have discussions on a potential MOU, and the focus has always been on emission reduction needs for regional air quality attainment. Mr. Nastri clarified that, per Board direction, staff is not ready to publicly discuss ISR before February, and staff would continue working with POLB until the February Board date on a potential MOU while internally working on potential ISR concepts. He indicated a potential ISR could take a year to 18 months to develop.

Co-Chair Richardson commented that, if both parties are close to finalizing an MOU by February, it should be made possible for staff to continue with finalizing an MOU with POLB while beginning formal ISR rulemaking per Board direction. He asked staff when emission reductions can be expected to occur with an ISR approach, considering the timeline for rule development and potential litigation after rule adoption. Mr. Nastri responded that staff cannot speculate about potential litigation, but the different factors of an MOU compared to an ISR approach are all being considered.

Co-Chair Buscaino expressed frustration over the lack of state and federal actions in requiring green port operations statewide and nationwide. He commented that most emission reduction measures to be included in a potential ISR are likely preempted by federal and state laws. He further commented that an ISR would represent a piece-meal solution that complicates the goods movement system and leads to loss of industry cooperation in pursuing green port operations. He urged all parties to work together to get an MOU in place.

Senator Delgado stated her preference for an MOU approach, but the MOU proposals did not meet her expectation. She also expressed concerns about POLA's lack of willingness to engage in MOU discussion. She supports staff continuing to discuss a potential MOU with POLB until the February Board meeting, and simultaneously, for staff to follow Board direction to begin ISR rulemaking in February for ports that do not have an effective MOU with South Coast AQMD.

Board Member Padilla-Campos commented that staff has continued to engage in MOU discussion and the goal has always been attainment needs. She stated that it is not enough for POLB to offer advanced funding, but accountability to the public also needs to be considered when weighing the regulatory approach against the MOU pathway.

Mayor McCallon stated that an ISR would be counter-productive and cannot achieve near-term emission reductions. He supported the MOU process continuing beyond the February Board meeting and stated that POLA would need to revisit their MOU offer.

Co-Chair Richardson indicated his support for a potential backstop measure to ensure emission reductions if an MOU falls short of achieving anticipated reductions. He stated the need to pursue a potential ISR in tandem. and an MOU with POLB that would include emission reductions from all port sources, result in near-term emission reductions, allow the region to take advantage of federal and state funding, and allow for incentives with labor protection requirements to address automation concerns.

Board Member Padilla-Campos asked Board Members to consider public health implications before moving to alter the previous Board direction.

OTHER MATTERS:

2. Other Business

There was no other business to report.

3. Public Comment Period

Tom Williams, Coalition for Safety Mandate, commented now because he was not recognized earlier in the meeting. He stated that emission reductions and port growth can be simultaneously achieved by moving cargo out of the port complex via on-dock rail in lieu of drayage trucks.

Mr. Gonzales, a Long Beach resident, expressed disappointment that Co-Chair Richardson did not attend the community consultation meeting.

Board Member Padilla-Campos asked staff to address comments on public accessibility to South Coast AQMD meetings. Mr. Nastri responded that meeting notices are sent to the public at least two weeks in advance and posted on the agency website. He referenced the need to accommodate Committee Member availability when setting the meeting schedule. He also addressed the pros and cons of using Zoom. Board Member Padilla-Campos suggested that the Committee explore meeting at a regular day and time in the future.

4. Next Meeting Date

TBD

Adjournment

The meeting adjourned at 1:42 p.m.

Attachment

Attendance Record

ATTACHMENT 1

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MARINE PORT COMMITTEE MEETING**

Attendance – January 21, 2022

Supervisor Lisa Bartlett.....	South Coast AQMD Board Member
Council Member Joe Buscaino.....	South Coast AQMD Board Member
Senator (Ret.) Vanessa Delgado.....	South Coast AQMD Board Member
Mayor Larry McCallon.....	South Coast AQMD Board Member
Board Member Veronica Padilla-Campos.....	South Coast AQMD Board Member
Vice Mayor Rex Richardson	South Coast AQMD Board Member
Teresa Acosta	Board Consultant (Delgado)
Genevieve Amsalem Gale	Board Consultant (Kracov)
James Dinwiddie	Board Consultant (Bartlett)
Jacob Haik	Board consultant (Buscaino)
Matthew Hamlett	Board Consultant (Richardson)
Loraine Lundquist	Board Consultant (Kuehl)
Amy Wong	Board Consultant (Padilla-Campos)
Ross Zelen	Board Consultant (Kracov)
Mark Abramowitz	Community Environmental
Matthew Arms	Port of Long Beach
Edgar Arreola	IIEP
Angie Balderas	Sierra Club
Jamie Bartolome	Marathon Petroleum
Naveen Berry	Public Member
Sylvia Betancourt	Long Beach Alliance for Children with Asthma
Rick Cameron	Port of Long Beach
Christopher Cannon.....	Port of Los Angeles
Chris Chavez	Coalition for Clean Air
Michael Coates	Public Member
Bernice Jimenez Creager	California Trucking Association
Ramine Cromartie	WSPA
Joy Crose	Port of Los Angeles
Yesenia De La Rosa	City of Avalon
Tim DeMoss	Port of Los Angeles
Raj Dhillon	Breathe Southern California
Harvey Eder	Public Solar Power Coalition
Fernando Gaytan	Earthjustice
L. Giordani	Marathon Petroleum
Theral Golden.....	West Long Beach Association
Elliot Gonzales	Sierra Club
Kat Janowicz	3COTECH

Laksmhi Jayaram	Ramboll
Thomas Jelenic	Pacific Merchant Shipping Association
Yassamin Kavezade.....	Sierra Club
Frances Keeler	Public Member
Sudhir Lay	City of Long Beach
David Libatique	Port of Los Angeles
Erick Martell.....	Port of Los Angeles
Dawn McIntosh	City of Long Beach
Jacqueline Moore.....	PMSA
Peter Okurowski	CEA Consulting
Jessie Parks	Sierra Club
Jhonny Pineda	Lobby California
Luis Portillo	SGV Partnership
Bethmarie Quiambo	So Cal Edison
Leela Rao.....	Port of Long Beach
Henry Rogers	Grey Pine Group
Matt Schrap	HTA
Harry Semerdjian	LA Chamber of Commerce
Jen Simmons	Sierra Club
Heather Tomley	Port of Long Beach
Eleanor Torres	Port of Long Beach
John Ungvarsky	EPA
Andrea V	People's Collective for Environmental Justice
Alek Van Houghton	Ramboll
Peter Warren	Public Member
Peter Whittingham	Public Member
Mandeera Wijetunga	Pacific Environment
C.T. Williams	Public Member
Sarah Wiltfong	LA County Business Federation
Derrick Alatorre	South Coast AQMD Staff
Jason Aspell	South Coast AQMD Staff
Barbara Baird.....	South Coast AQMD Staff
Rachel Ballon	South Coast AQMD Staff
Brian Choe	South Coast AQMD Staff
Phillip Crabbe	South Coast AQMD Staff
Sindy Enriquez	South Coast AQMD Staff
Bayron Gilchrist	South Coast AQMD Staff
Sheri Hanizavareh	South Coast AQMD Staff
Dr. Anissa Heard-Johnson	South Coast AQMD Staff
Mark Henninger	South Coast AQMD Staff
Aaron Katzenstein	South Coast AQMD Staff
Angela Kim	South Coast AQMD Staff
Jason Low	South Coast AQMD Staff

Ian MacMillan South Coast AQMD Staff
Terrance Mann South Coast AQMD Staff
Matt Miyasato..... South Coast AQMD Staff
Ron Moskowitz South Coast AQMD Staff
Susan Nakamura South Coast AQMD Staff
Wayne Nastro South Coast AQMD Staff
Kevin Orellana South Coast AQMD Staff
Stephano Padilla South Coast AQMD Staff
Sarah Rees South Coast AQMD Staff
Kathryn Roberts South Coast AQMD Staff
Denny Shaw South Coast AQMD Staff
Elaine Shen South Coast AQMD Staff
Danielle Soto South Coast AQMD Staff
Lisa Tanaka O'Malley South Coast AQMD Staff
Jill Whynot South Coast AQMD Staff
Victor Yip South Coast AQMD Staff

[↑ Back to Agenda](#)

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 21

REPORT: Stationary Source Committee

SYNOPSIS: The Stationary Source Committee held a meeting remotely on Friday, January 21, 2022. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Ben J. Benoit, Chair
Stationary Source Committee

JA:cr

Committee Members

Present: Mayor Ben J. Benoit (Chair)
Supervisor Sheila Kuehl (Vice Chair)
Board Member Veronica Padilla-Campos
Senator Vanessa Delgado (Ret.)
Vice Mayor Rex Richardson
Supervisor Janice Rutherford

Call to Order

Chair Benoit called the meeting to order at 10:30 a.m.

INFORMATIONAL ITEM:

1. Rule 1146.2 – Emissions of Oxides of Nitrogen From Large Water Heaters and Small Boilers and Process Heaters

Michael Krause, Assistant Deputy Executive Officer/Planning Rule Development and Area Sources, presented the initial findings of staff's technology assessment for potentially lowering the NO_x emission limit for heaters and boilers subject to Rule 1146.2, and discussed staff's recommendations to proceed with rulemaking.

Supervisor Rutherford inquired about upcoming proposals for residential water heaters. in the AQMD Chair Benoit confirmed that water heaters regulated by Rule 1146.2 are not used in residential settings and requested that staff evaluate impacts on high altitude areas as part of the upcoming Rule 1146.2 rulemaking.

There were no public comments.

2. Summary of Proposed Amended Rule 1115 – Motor Vehicle Assembly Line Coating Operations

Michael Morris, Planning and Rules Manager Planning Rule Development and Area Sources, provided a summary on Proposed Amended Rule 1115.

Board Member Padilla-asked how compliance is assured for autobody shops. Mr. Morris replied that Rule 1115 covers motor vehicle assembly facilities, which is different than another rule that addresses autobody shops, which are smaller and more numerous. He explained that the nine facilities subject to Rule 1115 are routinely inspected by the compliance staff who also respond to complaints and do inspections of gas stations.

There were no public comments.

3. RECLAIM Quarterly Report – 12th Update

Michael Morris, Planning and Rules Manager/Planning Rule Development and Area Sources, provided an update on the NO_x RECLAIM program transition to a command-and-control regulatory structure.

Supervisor Kuehl asked how realistic it is to adopt the remaining landing rules and amend Regulations XIII and XX this year. Mr. Morris responded that staff is confident about bringing the remaining landing rules to the Board in 2022, but amendments to Regulations XIII and XX will be more challenging. Susan Nakamura, Chief Operating Officer, elaborated that staff is working with U.S EPA to ensure amendments are SIP approvable and working to amend Regulations XIII and XX this year, but the amendments could potentially occur in early 2023.

There were no public comments.

4. Twelve-month and Three-month Rolling Average Price of Compliance Years 2021 and 2022 NO_x and SO_x RTCs (October – December 2021)

David Ono, Senior Engineering Manager/ Engineering and Permitting, presented the three-month and twelve-month rolling average prices of NO_x and SO_x RECLAIM Trading Credits (RTCs) and the actions required under Rule 2002 - Allocations for Oxides of Nitrogen (NO_x) and Oxides of Sulfur (SO_x) and Rule 2015 – Backstop

Provisions resulting from NOx RTC price increases reflected in the recent quarterly update.

Supervisor Kuehl commented that the RECLAIM program appears to be working as intended because the RTC market is driving control technology installations as required under the RECLAIM landing rules, and as part of the RECLAIM NOx shave. Although the results of the assessment and evaluation under Rules 2002 and 2015 are pending, the higher prices may accelerate the installation schedule.

There were no public comments.

5. Status Report on Reg. XIII – New Source Review

Jason Aspell, Deputy Executive Officer/Engineering and Permitting, gave a status report on Regulation XIII, New Source Review (NSR) Equivalency for Calendar Year (CY) 2020. The preliminary determination for South Coast AQMD's NSR progress is equivalent to federal and state NSR requirements on an aggregate basis and is projected to maintain equivalency for CY 2021 and 2022.

There were no public comments.

WRITTEN REPORTS:

6. AQMD Advisory Group Minutes

The report was acknowledged by the committee.

7. Notice of Violation Penalty Summary

The report was acknowledged by the committee.

OTHER MATTERS:

8. Other Business

Senator Delgado has noticed an increase in complaints related to rendering facilities and asked that an update on the implementation of Rule 415 be provided to the Committee. Executive Officer Wayne Nastri agreed that can be done.

9. Public Comment Period

Duncan McKee expressed concerns about Quemetco increasing their throughput and recommended this issue be placed on the agenda, so the Board could take a closer look at the facility. He also suggested that a plan to build another battery recycling facility should be considered, instead of increasing the amount being processed at Quemetco.

Harvey Eder, Public Solar Power Coalition, supported Mr. McKee's comments. He noted the health effects of benzene, expressed concerns about overlapping

Committee meetings, climate change and cited a LA Times editorial which was published earlier this month.

10. Next Meeting Date

The next Stationary Source Committee meeting is scheduled for Friday, February 18, 2022 at 10:30 a.m.

Adjournment

The meeting was adjourned at 11:20 a.m.

Attachments

1. Attendance Record
2. AQMP Advisory Group Minutes
3. Notice of Violation Penalty Summary

ATTACHMENT 1

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
STATIONARY SOURCE COMMITTEE**

Attendance –January 21, 2022

Mayor Ben J. Benoit	South Coast AQMD Board
Senator Delgado (Ret.)	South Coast AQMD Board
Supervisor Sheila Kuehl	South Coast AQMD Board
Board Member Veronica Padilla-Campos.....	South Coast AQMD Board
Vice Mayor Rex Richardson	South Coast AQMD Board
Supervisor Janice Rutherford	South Coast AQMD Board
Ruthanne Taylor Berger	Board Consultant (Benoit)
Matthew Hamlett	Board Consultant (Richardson)
Lorraine Lundquist	Board Consultant (Kuehl)
Debra Mendelsohn.....	Board Consultant (Rutherford)
Mark Taylor.....	Board Consultant (Rutherford)
Amy Wong	Board Consultant (Padilla-Campos)
Ross Zelen	Board Consultant (Kracov)
Mark Abramowitz	Community Environmental Services
Ramine Cromartie	WSPA
Curtis Coleman.....	Southern California Air Quality Alliance
Harvey Eder.....	Public Solar Power Coalition
Bridget McCann	Chevron
David Pettit.....	Natural Resources Defense Council
Bethmarie Quiambao.....	Southern California Edison
Patty Senecal	WSPA
Janet Whittick.....	CCEEB
Peter Whittingham.....	Whittingham Public Affairs Advisors
Jason Aspell.....	South Coast AQMD staff
Derrick Alatorre.....	South Coast AQMD staff
Barbara Baird.....	South Coast AQMD staff
Bayron Gilchrist	South Coast AQMD staff
Anissa Heard-Johnson	South Coast AQMD staff
Mark Henninger.....	South Coast AQMD staff
Michael Krause.....	South Coast AQMD staff
Terrence Mann.....	South Coast AQMD staff
Ian MacMillan	South Coast AQMD staff
Matt Miyasato.....	South Coast AQMD staff
Michael Morris	South Coast AQMD staff
Ron Moskowitz	South Coast AQMD staff
Wayne Nastri	South Coast AQMD staff
Susan Nakamura.....	South Coast AQMD staff
Lisa Tanaka O’Malley	South Coast AQMD staff
David Ono	South Coast AQMD staff
Sarah Rees	South Coast AQMD staff
Jill Whynot	South Coast AQMD staff
Jillian Wong.....	South Coast AQMD staff
Paul Wright.....	South Coast AQMD staff
Victor Yip.....	South Coast AQMD staff



South Coast Air Quality Management District

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AIR QUALITY MANAGEMENT PLAN ADVISORY GROUP MEETING MINUTES

**Thursday April 16, 2020
2:00 p.m. to 4:00 p.m.**

1. Welcome, Introductions, Approval of Minutes, and Updates

Mr. Zorik Pirveysian, Planning and Rules Manager of South Coast Air Quality Management District's (South Coast AQMD) Planning, Rule Development, and Area Sources Division, called the Zoom videoconference meeting to order at 2:05 p.m. Dr. Philip Fine, Deputy Executive Officer of South Coast AQMD's Planning, Rule Development, and Area Sources Division, welcomed all participants. Self-introductions were skipped due to the Zoom videoconferencing. Dr. Fine asked if there were any comments on the previous meeting's minutes which there were none. Dr. Fine then provided an update on the 2016 AQMP related activities, including the U.S. EPA actions on the PM_{2.5} and Ozone State Implementation Plans (SIP) and Rule 445 amendments to address the contingency measure requirements for PM_{2.5} standards.

2. Upcoming State Implementation Plan Obligations

Dr. Sarah Rees, Assistant Deputy Executive Officer of South Coast AQMD's Planning, Rule Development, and Area Sources Division, provided updates on the attainment status of the 2006 24-hour PM_{2.5} standard for the South Coast Air Basin and the 1997 8-hour ozone standard for the Coachella Valley. Dr. Rees explained that based on the 2017–2019 monitoring data, the South Coast Air Basin did not attain the 24-hour PM_{2.5} standard by the 2019 attainment date. A SIP revision is due to the U.S. EPA by December 31, 2020. Elements of the SIP revision include emissions inventory update, attainment demonstration, five percent annual reductions of PM_{2.5} or PM_{2.5} precursors, additional feasible measures analysis, reasonable further progress (RFP), and contingency measures. A draft plan is scheduled to be released in fall 2020. Regarding the 1997 8-hour ozone standard in Coachella Valley, Dr. Rees mentioned that a request to reclassify the Coachella Valley from Severe to Extreme nonattainment was submitted in June 2019 which was subsequently approved by the U.S. EPA. The attainment date for the Coachella Valley as an Extreme nonattainment area is June 15, 2024. A SIP revision is due to the U.S. EPA by February 14, 2021. Key SIP elements include emissions inventory update, attainment demonstration, reasonably available control technology/measure (RACT/RACM), RFP, and contingency measures. Release of the draft plan is scheduled for fall 2020.

Comments from Advisory Group and Staff Responses:

Timing when the federal implementation plan (FIP) is triggered. Staff responded that the FIP would only be triggered upon a failure to submit a required SIP, or disapproval of a SIP submittal that was not remedied on time, or upon a failure to implement a SIP as approved.

3. 2022 AQMP Schedule and Overview

Mr. Pirveysian presented the SIP requirements for addressing the 2015 8-hour ozone standard (70 ppb) for the South Coast Air Basin (Extreme nonattainment) and Coachella Valley (Severe nonattainment) by the required deadlines. The key elements due to the U.S. EPA by August 2020 include an emissions statement certification, RACT demonstration, base year emissions inventory and vehicle miles traveled offset demonstration. The 2022 AQMP will be the next comprehensive plan which will address the other SIP requirements for the 2015 8-hour ozone standard including the attainment demonstration, RACM, RFP, transportation conformity budgets, and contingency measures. Mr. Pirveysian concluded his presentation with a draft schedule for the 2022 AQMP which is due to the U.S. EPA by August 2022.

Comments from Advisory Group and Staff Responses:

Whether the Scientific, Technical, and Modeling Peer Review (STMPR) meeting could occur earlier than June/July 2020 because baseline emissions inventory is scheduled to be submitted in August 2020. Staff responded that efforts are currently underway to prepare the updated 2017 base year inventory to meet the U.S. EPA's due date. However, staff will continue updating the emissions inventory for the base and the forecast years for the 2022 AQMP and will present the updated inventories to the STMPR and the AQMP Advisory Groups.

4. Reasonably Available Control Technology (RACT) Demonstration

Dr. Kalam Cheung, Program Supervisor of Policy/Climate/Energy/Incentives section of South Coast AQMD's Planning, Rule Development, and Area Sources Division, presented the analysis for the RACT Demonstration for the 2015 8-hour ozone standard. Dr. Cheung presented the regulatory history of RACT submittals, detailed approach for conducting the RACT Demonstration, and the summary of findings. Based on the RACT analysis, with the exception of Rule 1115 (Motor Vehicle Assembly Line Coating Operations), South Coast AQMD's current rules meet or exceed federal RACT requirements. Dr. Cheung also presented the public process and schedule for the RACT Demonstration.

Comments from Advisory Group and Staff Responses:

Assessment of economic impacts from Covid-19 pandemic on regulated community. Staff responded that it was too early to assess the corresponding economic impacts, but staff is looking at the economic outlook in terms of what it means for the regulated community and in terms of the assumptions used for future years inventory projections based on SCAG's Regional Transportation Plan (RTP). SCAG has the ability to amend their RTP after adoption.

5. 70 ppb 8-Hour Ozone Standard Baseline Inventory

Tiffany Be, Air Pollution Specialist in the Emissions Inventory Development Section of California Air Resources Board (CARB) presented the baseline emissions inventory for the 2015 8-hour ozone standard. Ms. Be went over the Clean Air Act (CAA) planning requirements for the baseline inventory for ozone nonattainment areas, the rationale for selecting 2017 as the baseline inventory year, and the major updates to the inventory including the 2013–2015 consumer and commercial product survey, EMFAC2017 on-road emissions, and off-road emissions updates. She then presented

the 2017 baseline inventory summary for the South Coast Air Basin and Coachella Valley and a comparison with the previous inventory.

Comments from Advisory Group and Staff Responses:

The impacts of Short-Lived Climate Pollutant Reduction Strategies (SB 1383) on VOC emissions from organic composting and whether there could be new standards or new technologies to reduce VOC emissions from this source category. Staff responded the implications of the changes in those regulations would be for both the control strategy and projected inventory in the future.

Inquiry on the old and new baseline NOx inventories for South Coast Air Basin and Coachella Valley. The new inventory of the NOx emissions in South Coast from on-road vehicles decreases, whereas NOx emissions increases in the Coachella Valley. Staff clarified that there are differences in emissions between what was projected in the last AQMP and the updated emissions in 2017. Therefore, the changes are not necessarily an actual increase or decrease but emissions are updated based on the latest available information. CARB staff further explained that the changes in on-road emissions were based on the differences between EMFAC2014 used in the last plan and the new EMFAC2017 used for the 2017 baseline inventory.

6. VMT Emissions Offset Demonstration

Nesamani Kalandiyur, Manager of Transportation Analysis Section at CARB gave a presentation on Vehicle Miles Traveled (VMT) offset demonstration. He described the methodology and presented the results for the on-road VMT offset demonstration for the South Coast Air Basin and Coachella Valley. For the 2032 attainment year for Coachella Valley and the 2037 attainment year for South Coast Air Basin, VOC emissions with baseline controls and VMT growth are equal to or less than those with no new measures and no VMT growth. These results indicate that the CAA requirements for VMT emissions offset demonstrations are satisfied for both South Coast Air Basin and Coachella Valley.

Comments from Advisory Group and Staff Responses:

Clarification of control measures considered in Step 4 in the methodology of the VMT Offset Demonstration. CARB staff clarified that the control measures included all the regulations adopted by CARB as well as the Transportation Control Strategies (TCS) and Transportation Control Measures (TCM) measures adopted by SCAG as part of their RTP are reflected in the attainment years on-road emissions. CARB staff further explained that Part 1 of, SAFE Vehicle Rule, is also reflected in this calculation.

Whether the same analysis was done for NOx on the VMT offset demonstration. CARB staff responded that per CAA requirements, the VMT offset demonstration is done only for VOC emissions.

7. Other Business

No additional comments, announcements, or reports from the Advisory Group members.

8. Public Comments

Municipalities in California are not taking any initiatives whether they operate the fleet of passenger cars or street sweepers or trash vehicles, and that it may be good to have a focus on the municipalities to do the same job as we expect from the rest of the industry. Staff responded that public fleets are subject to South Coast AQMD's fleet rules. Currently several categories of motor vehicles are subject to these fleet rules which are somewhat outdated. Staff is continuing to seek for additional legislative authority to be able to update these fleet rules to require the cleanest available technologies for the fleet vehicles.

9. Next Meeting tentatively planned for July/August 2020

Members Present (38)

Adrian Martinez, Earthjustice
Alexander Fung, San Gabriel Valley Council of Governments
Amy Zimpfer, United States Environmental Protection Agency (U.S. EPA), Region 9
Andy Silva, San Bernardino County Administrative Office
Bridget McCann, Western States Petroleum Association
Carlo De La Cruz, Sierra Club
Christopher Chavez, Coalition for Clean Air
Curtis Coleman, Southern California Air Quality Alliance
Dan McGivney, Southern California Gas
David Darling, American Coatings Association
David Rothbart, Southern California Alliance of Publicly Owned Treatment Works
Dawn Fenton, Volvo
Duane Baker, San Bernardino County Transportation Authority/San Bernardino Council of Governments
Frances Keeler, California Council for Environmental and Economic Balance
Greg Nord, Orange County Transportation Authority
Greg Osterman, Jet Propulsion Laboratory/NASA
John Ungvarsky, U.S. EPA
Kendal Asuncion, Los Angeles Area Chamber of Commerce
Lakshmi Jayaram, Future Ports
Lauren Nevitt, Southern California Gas
Lori Huddleston, Los Angeles County Metropolitan Transportation Authority
Lucetta Dunn, Orange County Business Council
Marc Carrel, Breathe LA
Marcos Holguin, International Longshore and Warehouse Union Locals 13, 63, and 94
Martha Masters, Riverside County Transportation Commission
Mike Carroll, Latham & Watkins
Patty Senecal, Western States Petroleum Association
Paul Ryan, California Refuse Recycling Council
Peter Okurowski, Association of American Railroads
Rhett Cash, American Coatings Association
Rita Loof, RadTech
Ryan Kenny, Clean Energy

Air Quality Management Plan Advisory Group Minutes for April 16, 2020

Sarah Wiltfong, BizFed
Stephanie Cadena, Gateway Cities Council of Governments
Thomas Jelenic, Pacific Merchant Shipping Association
Tim DeMoss, Port of Los Angeles
Todd Campbell, Clean Energy
William La Marr, California Small Business Alliance

Public Attendees and Interested Parties

Abas Goodarzi, US Hybrid
Alex Guenther, University of California, Irvine
Alyssa Rodriguez
Amy Jeffries
Bobby Gustafson
Cory Parmer, CARB
Carol Sutkus, CARB
Cynthia Pinto-Cabrera
Evelyn Kripal
Faisal Braish
Fang Yan, CARB
Francisco Donez, U.S. Environmental Protection Agency
Frank Forbes
Gabriele Pfister
Gary Fensel
Gideon Kracov, South Coast AQMD Governing Board
Greg Bush, Marathon Petroleum Corporation
Greg Roche, Clean Energy
Hao Jiang
Howard Berman
Jeff Serfass, California Hydrogen Business Council
Julia Lester, Ramboll
K Ni
Karen Calderon, Southern California Association of Governments
Lin Wang
Lisa Wunder, Port of Los Angeles
Mark Taylor
Morgan Caswell, Port of Long Beach
Nesamani Kalandiyur, CARB
Priscilla Hamilton, Southern California Gas Company
Ralph Morris, Ramboll Environ
Ross Zelen
Sam Emmerson
Scott King, Ph.D., CARB
Scott Weaver, Ramboll Environ
Sean Okamoto, Worley
Susan Collet, Toyota Motor North America, Inc.
Sylvia Vanderspek, CARB

Tiffanie Be, CARB
Tim Pohle, Airlines for America
Yasaman Azar Houshang, Alta Environmental

South Coast AQMD Staff Present

Barbara Baird, Chief Deputy Counsel
Barbara Radlein, Program Supervisor
Brian Choe, Program Supervisor
Cristina Lopez, Sr. Public Information Specialist
Jeanette Short, Sr. Public Information Specialist
Jong Hoon Lee, Ph.D., AQ Specialist
Kalam Cheung, Ph.D., Program Supervisor
Leeor Alpern, Sr. Public Information Specialist
Marc Carreras-Sospedra, Ph.D., AQ Specialist
Michael Morris, Planning and Rules Manager
Anthony Tang, Information Technology Specialist II
Philip Fine, Ph.D., Deputy Executive Officer
Rosalee Mason, Secretary
Sang-Mi Lee, Ph.D., Program Supervisor
Sarah Rees, Ph.D., Assistant Deputy Executive Officer
Scott Epstein, Ph.D., Program Supervisor
Tracy Goss, Planning and Rules Manager
Zorik Pirveysian, Planning and Rules Manager



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AIR QUALITY MANAGEMENT PLAN ADVISORY GROUP MEETING MINUTES

**Thursday, September 3, 2020
10:30 a.m. to 12:30 p.m.**

1. Welcome, Introductions, Approval of Minutes, and Updates

Mr. Zorik Pirveysian, Planning and Rules Manager of South Coast Air Quality Management District's (South Coast AQMD) Planning, Rule Development, and Area Sources Division, called the Zoom videoconference meeting to order at 10:30 a.m. Dr. Sarah Rees, Assistant Deputy Executive Officer of South Coast AQMD's Planning, Rule Development, and Area Sources Division, welcomed all participants and introduced South Coast AQMD staff present. Dr. Rees asked if there were any comments on the previous meeting's minutes. Since there were no comments, the minutes were approved. Dr. Rees then provided an update on the 2016 AQMP related activities, including the recent U.S. EPA actions on the PM_{2.5} and Ozone State Implementation Plans (SIP) and Rule 445 amendments to address the contingency measure requirements for PM_{2.5} standards.

Comments from Advisory Group and Staff Responses:

No comments from the Advisory Group members on this agenda item.

Comments from Public and Staff Responses:

Comments on the implementation of solar technology, the effects of COVID-19, and the impacts of wild fires on the attainment status. Staff thanked the individual and appreciated the comments.

2. Attainment Plan for the 2006 24-hour PM_{2.5} Standard for the South Coast Air Basin

Dr. Rees provided updates on the draft attainment plan of the 2006 24-hour PM_{2.5} standard for the South Coast Air Basin. On July 10, 2020, the U.S. EPA proposed to determine that the South Coast Air Basin failed to attain the 24-hour PM_{2.5} standard by the 2019 attainment date based on the 2017–2019 monitoring data. Two sites, Mira Loma and Compton, exceeded the 24-hour PM_{2.5} standard. Due to the failure to attain by the deadline, a SIP revision is due to the U.S. EPA by December 31, 2020. Elements of the SIP revision include emissions inventory, attainment demonstration, five percent annual reductions of PM_{2.5} or PM_{2.5} precursors, additional feasible measures analysis, reasonable further progress (RFP), and contingency measures. The attainment demonstration includes a two-fold approach. The attainment demonstration for Mira Loma and other monitoring stations (except Compton) is based on the updated emissions inventory and regional air quality modeling analysis. The attainment demonstration for Compton relies on supplemental weight of evidence and air quality trend analysis based on monitoring data. Attainment is expected by 2023 relying on emission reductions from existing regulations included in the baseline. A draft plan will be released on or before September 18, 2020.

Comments from Advisory Group and Staff Responses:

No comments from the Advisory Group members on this agenda item.

Comments from Public and Staff Responses:

Inquiry on whether Compton's proximity to major surrounding freeways could have had an influence on the abnormally high PM2.5 readings in 2017. Staff responded that while higher PM2.5 levels can occur close to freeways, South Coast AQMD has near-roadway monitoring sites to quantify these impacts. The near-road site located close to Compton and adjacent to freeway I-710 measured lower PM2.5 concentrations when the Compton monitoring site experienced the peak readings in 2017, indicating the high PM2.5 levels in Compton were likely due to local human activity such as wood burning or fireworks.

Comments about concerns over fossil fuels, natural gas, and methane emissions, and that solar is competitive and should be incorporated into the new plan. Staff thanked the individual and appreciated the comments.

Inquiry regarding South Coast AQMD's plans to get low NOx trucks on the road, and the opportunities from CARB's mobile source strategy and cap and trade program. Staff responded that extensive penetration of near-zero and zero emission technology is needed to attain the ozone standards. Working groups are being established to develop specific mobile source control strategies over the next year for 2022 AQMP.

Inquiry regarding how wildfires started on government land or by arsonists affect 2006 PM2.5 attainment goals. Staff responded that South Coast AQMD works with other agencies including CALFIRE on wildfire management and prescribed burn management plans to minimize smoke impacts. While smoke from wildfires affects air quality, the days when air quality is strongly impacted by wildfire are eligible to be considered as exceptional events and be excluded from attainment determination calculations based on U.S. EPA's guidelines.

3. Coachella Valley Extreme Area Plan for the 1997 8-hour Ozone Standard

Dr. Rees provided updates on the draft attainment plan of the 1997 8-hour ozone standard for Coachella Valley. On July 10, 2019, the U.S. EPA granted South Coast AQMD's request to reclassify Coachella Valley from Serious to Extreme nonattainment, with a new attainment deadline of June 15, 2024. A SIP revision is due to the U.S. EPA by February 2021. Regional air quality modeling shows that existing rules provide the emission reductions needed for Coachella Valley to reach attainment by the deadline while recently-adopted rules and regulations since 2016 AQMP will provide additional assurance of attainment. Key SIP elements in the draft plan include emissions inventory update, attainment demonstration, reasonably available control technology/reasonably available control measure (RACT/RACM) analysis, RFP, and contingency measures. The draft plan will be released on or before September 11, 2020.

Comments from Advisory Group and Staff Responses:

Inquiry on whether the plan is specific to Coachella Valley and clarifications on the process of the RACT analysis. Staff clarified that the plan is specific to Coachella Valley. On the RACT analysis, staff explained that attainment by 2023 is expected to be achieved based on existing baseline emissions, and other recently adopted regulations provide additional emission reductions that will further ensure attainment. The RACM demonstration included in the Coachella Valley Plan builds upon the last AQMP and provides an update in some areas where there are new developments since the last AQMP. Emission reductions from all RACM, if identified, should advance the attainment

date by one year. Staff evaluated the recently adopted rules and regulations in other air agencies for additional possible control measures but did not identify any new feasible RACM.

Inquiry on whether South Coast Air Basin will need further control measures in order to reduce ozone levels in Coachella Valley, and if there will be an assessment of how COVID-19 affects ozone levels. Staff responded that modeling shows that existing regulations from 2016 AQMP for the South Coast Air Basin and regulations reflected in EMFAC 2017 are sufficient to attain the standard in Coachella Valley without additional controls. Staff is currently evaluating the impacts of COVID-19, but emission perturbations from the COVID-19 situation will not affect future attainment strategy.

Comments from Public and Staff Responses:

Inquiry on the whether the two ground ozone monitors (Palms Springs and Indio) are representative of all of Coachella Valley. Staff explained that ozone is a regional pollutant, and these two monitors are representative of a large area and are in locations consistent with U.S. EPA siting criteria. The monitors are placed where modeling shows the highest expected ozone concentrations. Due to meteorology and the closer proximity to South Coast Air Basin, Palm Springs, located further west of the Coachella Valley, shows higher levels of ozone than Indio which is located southeast of Palm Springs. Staff expects peak ozone levels to occur in northern and western Coachella Valley with concentrations decreasing further south and east. Therefore, the two existing monitors should represent the higher ozone levels in Coachella Valley.

Inquiry on who to contact regarding air quality modeling. Staff responded that Zorik Pirveysian and Sang-Mi Lee are the points of contact.

Inquiry regarding how wildfires are classified if they are started by people on government land. Staff responded that it is outside of South Coast AQMD's range of responsibilities to classify wildfires, but that smoke impacts have not been seen in Coachella Valley.

Comment that using modeling will not help reach the 2023 attainment deadline, and the transition to solar power will help climate and other problems. Staff thanked the individual and appreciated the comments.

4. 2022 AQMP Control Measure Development

Mr. Pirveysian presented updates for the 2022 AQMP, South Coast AQMD's next comprehensive plan to address the 2015 8-hour ozone standard (70 ppb) for the South Coast Air Basin (Extreme nonattainment) and Coachella Valley (Severe nonattainment). Four SIP requirements for the 2015 8-hour ozone standard that were due to the U.S. EPA on August 3, 2020, namely the base year emissions inventory, emissions statement certification, RACT demonstration, and VMT demonstration, have been adopted and submitted to the U.S. EPA by the August 3rd deadline. Other SIP requirements for the 2015 8-hour ozone standard include the attainment demonstration, RACM, RFP, transportation conformity budgets, and contingency measures. In addition to the AQMP Advisory Group, working groups for on-road mobile sources, off-road mobile sources, and residential and commercial buildings are being established to have focused discussions on potential control measures in these areas. The working groups are scheduled to meet regularly starting soon. The draft AQMP is scheduled to be released next fall, and a final AQMP is due to the U.S. EPA by August 2022.

Comments from Advisory Group and Staff Responses:

Inquiry on whether 2022 AQMP will focus specifically on 2015 ozone standard, or will it include other standards, and when will black box measures be identified. Staff responded that while the 2022 AQMP will focus on the 2015 standard, the 1997 and 2008 ozone standards will be addressed to the extent possible. South Coast AQMD submitted a Contingency Measure Plan in December 2019 to address black box reductions for the 1997 ozone standard.

Inquiry on how much NO_x reductions are needed for attainment and how reliant the plan will be on new sources of funding; also, when additional provisions for NO_x and VOCs need to be implemented via Clean Air Act Section 185(b). Staff is currently in the process of updating emissions inventory. The 2016 AQMP highlighted the need for near zero and zero emission technologies with 55% NO_x reductions needed by 2031. Based on air quality modeling analysis, NO_x controls are the fastest and most effective way for ozone attainment. The emission reductions from existing and future regulations and new measures will be estimated with incentives helping achieve the remaining balance of reductions needed for attainment. On the Section 185(b) requirement, staff responded that a program needs to be in place by 2028, 10 years prior to the attainment date of 2038, for non-attainment fees. The program will go into effect if South Coast Air Basin fails to reach attainment.

Inquiry on while NO_x emissions were reduced in the spring during the first part of the COVID-19 shutdown, a similar reduction in ozone did not take place. Staff responded that initially there were lower NO_x emissions due to reduced traffic during the COVID-19 shutdown. However, changes in weather and frequent precipitation affect the ozone levels. The rain was followed by high temperature days that promote ozone formation which also played a pivotal role in the high ozone episodes. Marginal level of NO_x reductions could result in a temporary increase of ozone due to ozone chemistry. However, significant amount of NO_x reductions would overcome this increase and result in ozone reductions. Staff is currently conducting air quality modeling for the COVID-19 shutdown period, which provides a unique opportunity to evaluate the modeling performance and attainment strategy. During COVID-19 period, there are also uncertainties regarding VOC emissions, such as increased use of disinfectant and hand sanitizers. VOCs are generally more difficult to measure, and the NO_x-to-VOC ratio is also an important factor governing ozone formation and chemistry.

Inquiry about what South Coast AQMD can do with regard to zero-emissions and near zero emissions mobile sources as well as facility-based indirect sources. Staff is continuing its efforts on facility-based mobile source measures despite South Coast AQMD's limited authority over mobile sources for indirect source rules. Staff considers an all-inclusive approach utilizing incentives, regulatory programs, leveraging CARB regulations, and voluntary commitments.

A study by Ramboll Engineering addresses the issue of no changes/increase in ozone emissions when NO_x concentrations significantly decreased. Staff is aware of the study and has had extensive discussion with the scientific community, other regulatory agencies, and the industry on the impact of NO_x since the 2016 AQMP. South Coast AQMD's strategy reflects the best-known practices to attain the ozone standards. A small reduction in NO_x results in a temporary increase in ozone, but substantial NO_x reductions will attain the ozone standard.

Comment that CARB's focus is on long-term goals, and that the 2023 attainment deadline is not a priority. Staff acknowledged the comment and thanked the individual.

Comments from Public and Staff Responses:

Inquiry on equity implications associated with pollution and near-zero emission technology and how closely South Coast AQMD works with SCAG regarding growth projections of commuters. Staff responded that the latest growth projections from 2020 RTP provided by SCAG will be used in the 2022 AQMP. South Coast AQMD sees the extensive need for near-zero technologies and will work with all levels of governments to promote and implement these technologies. Rongsheng Luo, Advisory Group member representing SCAG, responded that SCAG works closely with local jurisdictions, the public, and major stakeholders to develop growth projections and develop sustainability strategies to forecast regional trends.

Inquiry on whether South Coast AQMD can use the COVID-19 mandated shutdown to promote more telecommuting programs, if South Coast AQMD will deploy more air monitoring stations in the future, how many community members are in this group, and if more tree planting and greenspace programs can be implemented. Staff is monitoring changes in emissions due to COVID-19, and while there was a sharp decline in light duty passenger vehicles during COVID-19 shutdown, truck traffic remained at a similar level with truck emissions responsible for a significant portion of NOx emissions. Regulations are already in place for employee commute trip reductions, applicable to businesses over 250 employees. Teleworking is an option to comply with this regulation. Staff is evaluating how to further encourage telecommuting. Monitoring stations are subject to U.S. EPA siting requirements and are re-evaluated every 5 years. Biogenic emissions, including VOC emissions from trees, are already included in modeling. Low VOC tree planting programs as well as other greenhouse gas regulations from local cities are being investigated for co-benefits.

Inquiry on if there is a modeling working group, if the previously referenced in-house analysis on the relationship between NOx and ozone will be publicly available, and if emissions reductions from industries significantly affected by COVID-19, such as the airline sector, will be considered and reflected in the inventories. Staff responded that the off-road mobile source working group will address aircraft emissions and is open to ideas on how to move forward with improving modeling; the Scientific, Technical & Modeling Peer Review Advisory Group also addresses modeling at South Coast AQMD. VOC white papers developed during 2016 AQMP discuss temporary increases of ozone on the path to attainment. Temporary disbenefit is widely known in several publications. The 2022 AQMP is under development based on SCAG's growth projections. Rongsheng Luo, Advisory Group member representing SCAG, stated that long-term COVID-19 impacts will be reflected in 2024 growth projections and forecasts, but not the 2020 Regional Transportation Plan that is scheduled for adoption on the same day.

Comment that the environment is not in a clean state and renewable natural gas is not clean. Staff acknowledged the comment and thanked the individual.

5. Other Business

No additional comments, announcements, or reports from the Advisory Group members.

6. Public Comments

Comment that the incentive funding should benefit the communities. Staff acknowledged the comment and thanked the individual.

7. Next Meeting tentatively planned for November/December 2020

Members Present (43)

Adrian Martinez, Earthjustice
Alexander Fung, San Gabriel Valley Council of Governments
Amy Zimpfer, United States Environmental Protection Agency (U.S. EPA), Region 9
Bill LaMarr, California Small Business Alliance
Bridget McCann, Western States Petroleum Association
Carol Bohnenkamp, United States Environmental Protection Agency (U.S. EPA), Region 9
Christopher Chavez, Coalition for Clean Air
Chris Shimoda, California Trucking Association
Curtis Coleman, Southern California Air Quality Alliance
Dan McGivney, Southern California Gas
David Darling, American Coatings Association
David Rothbart, Southern California Alliance of Publicly Owned Treatment Works
David Pettit, Natural Resources Defense Counsel, Inc.
Dawn Fenton, Volvo
Frances Keeler, California Council for Environmental and Economic Balance
Greg Osterman, Jet Propulsion Laboratory/NASA
James Breitling, Southern California Contractors Association
Jeremy Avise, California Air Resources Board
Josh LaFarga, Laborers Local 1309
Kendal Asuncion, Los Angeles Area Chamber of Commerce
Lakshmi Jayaram, Future Ports
Lori Huddleston, Los Angeles County Metropolitan Transportation Authority
Marc Carrel, Breathe LA
Martha Masters, Riverside County Transportation Commission
Marcos Holguin, International Longshore and Warehouse Union
Margot Molloy, Association of American Railroads
Marisol Monge, Kenworth Truck Company
Michael Benjamin, California Air Resources Board
Michael Lewis, Southern California Contractors Association
Otis Greer, County of San Bernardino
Paul Ryan, California Refuse Recycling Council
Peter Herzog, NAIOP, Commercial Real Estate Development Association, SoCal Chapter
Peter Okurowski, Association of American Railroads
Richard Parks, Redeemer Community Partnership
Rita Loof, RadTech
Rongsheng Luo, Southern California Association of Governments
Ryan Kenny, Clean Energy
Priscilla Hamilton, Southern California Gas Company
Sarah Wiltfong, BizFed
Tammy Yamaski, Southern California Edison
Thomas Jelenic, Pacific Merchant Shipping Association
Tim DeMoss, Port of Los Angeles
Todd Campbell, Clean Energy

Public Attendees and Interested Parties

Aaron Rojas
Abas Goodarzi, US Hybrid
Alek Van Houghton
Alison Torres
Amber Coluso
Amy Jeffries
Charles Williams
Christine B.
Claire Garcia
Craig Sakamoto
E. Anderson
Florence Gharibian
Frank Forbes
Georgia Seivright
Greg Busch, Marathon Petroleum Corporation
Harvey Eder
Howard Berman
IBI Group
Jacqueline Moore
James Perez
Johnathan Burkett
Karin Fickerson
Kiersten Melville
Lauren Paladino
Lee Kindberg-Maersk
Lin Wang
Lisa Wunder, Port of Los Angeles
Mark Abramowitz
Marshall Waller
Matthew Densberger
Nancy Matson
Nicolas Serieys
Philip John Johnson
Robert Nguyen
Ron Brugger
Ross Zelen
Ryan McMullan
Rynda Kay
Scott King, Ph.D., CARB
Scott Weaver, Ramboll Environ
Shawn Weaver
Stephanie Bream
Tanya Seneviratne
Taylor Collison
Teja Ganapa
Tim French
Tim Pohle, Airlines for America

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Tom Williams
Tyler Harris
Yasaman Azar Houshang, Alta Environmental

South Coast AQMD Staff Present

Anthony Tang, Information Technology Supervisor
Barbara Baird, Chief Deputy Counsel
Barbara Radlein, Program Supervisor
Cristina Lopez, Sr. Public Information Specialist
Cui Ge, Ph.D., AQ Specialist
Dan Garcia, Planning and Rules Manager
Diana Thai, Program Supervisor
Elham Baranizadeh, Ph.D., AQ Specialist
Elliott Popel, AQ Specialist
Evelyn Aguilar, AQ Specialist
Ian MacMilian, Planning and Rules Manager
Jeanette Short, Sr. Public Information Specialist
Jo Kay Ghosh, Health Effects Officer
Kalam Cheung, Ph.D., Program Supervisor
Kathryn Roberts, Deputy District Counsel II
Kayla Jordan, Assistant AQ Specialist
Kelly Gamino, Program Supervisor
Lane Garcia, Program Supervisor
Marc Carreras-Sospedra, Ph.D., AQ Specialist
Melissa Maestas, Ph.D., AQ Specialist
Naveen Berry, Assistant Deputy Executive Officer
Paul Stroik, Ph.D., AQ Specialist
Pedro Piqueras, Ph.D., AQ Specialist
Philip Fine, Ph.D., Deputy Executive Officer
Rui Zhang, Ph.D., AQ Specialist
Ryan Finseth, Ph.D., AQ Specialist
Rosalee Mason, Secretary
Sang-Mi Lee, Ph.D., Program Supervisor
Sarah Rees, Ph.D., Assistant Deputy Executive Officer
Scott Epstein, Ph.D., Program Supervisor
Shah Dabirian, Ph.D., Program Supervisor
Veera Tyagi, Principal Deputy District Counsel
Xiang Li, Ph.D., AQ Specialist
Xinqiu Zhang, Ph.D., Senior Staff Specialist
Zorik Pirveysian, Planning and Rules Manager



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AIR QUALITY MANAGEMENT PLAN ADVISORY GROUP MEETING MINUTES

Wednesday, February 3, 2021
10:00 a.m.

1. Welcome, Introductions, Approval of Minutes, and 2016 AQMP Updates

Mr. Zorik Pirveysian, Planning and Rules Manager of South Coast Air Quality Management District's (South Coast AQMD) Planning, Rule Development, and Area Sources Division, called the Zoom videoconference meeting to order at 10:00 a.m. Dr. Sarah Rees, Deputy Executive Officer of South Coast AQMD's Planning, Rule Development, and Area Sources Division, welcomed all participants and introduced South Coast AQMD and California Air Resources Board (CARB) staff present. Since there were no comments on the previous meeting's minutes, the minutes were approved. Dr. Rees provided an update on the 2016 AQMP related activities including the recent U.S. EPA actions on the PM_{2.5} and Ozone State Implementation Plans (SIPs), CARB's South Coast On-Road Heavy-Duty Vehicle Incentive Measure, and contingency measure requirements.

Comments from Advisory Group and Staff Responses:

Whether the reduction for the on-road vehicle incentive measure is above and beyond the existing regulations that CARB has in effect. Staff confirmed that the reductions for this measure are beyond CARB's existing Truck and Bus Regulation.

Comments from Public and Staff Responses:

No comments from the public members on this agenda item.

2. Update on Other SIP Activities

Mr. Pirveysian provided updates on recent SIP-related activities. For the 2006 24-hour PM_{2.5} standard, the South Coast Air Basin (Basin) is classified as a Serious nonattainment area with an attainment date of 2019. Based on the 2017–2019 monitoring data, the Basin failed to attain the PM_{2.5} standard by the required deadline. Accordingly, the PM_{2.5} Attainment Plan (PM_{2.5} Plan) was prepared to address the Clean Air Act (CAA) requirements. Based on the updated emissions inventory and modeling analysis, the attainment is expected by 2023 (or earlier) based on ongoing emission reductions from implementation of adopted rules and regulations. The PM_{2.5} Plan was approved by the South Coast AQMD Governing Board in December 2020 and subsequently submitted to the U.S. EPA through CARB. Based on the preliminary PM_{2.5} design value for 2018–2020, the Basin actually met the 2006 PM_{2.5} standard by end of 2020. Exceptional event demonstrations such as wildfires or fireworks need to be submitted to the U.S. EPA. Once the U.S. EPA approves the exceptional event demonstrations and finalizes a clean data determination, attainment-related SIP requirements would be suspended.

For the 1997 8-hour ozone standard, the Coachella Valley was classified as Severe nonattainment with an attainment deadline of June 2019. Based on the monitoring data from 2016–2018, the Coachella Valley did not meet the standard by the required deadline and was subsequently

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reclassified as an Extreme nonattainment area with a new attainment date of June 2024. The Coachella Valley Extreme Area Ozone Plan was developed to address the CAA requirements for the Extreme classification. Based on the updated emissions inventory and modeling, the attainment is expected by 2023 based on ongoing emission reductions from adopted rules and regulations. The Extreme Area Ozone Plan was approved by the Governing Board in December 2020 and subsequently submitted to the U.S. EPA through CARB. Contingency measures will be addressed in a separate rulemaking process and vehicle miles traveled (VMT) offset demonstration will be addressed by CARB.

Comments from Advisory Group and Staff Responses:

No comments from the Advisory Group members on this agenda item.

Comments from Public and Staff Responses:

Comments on SCAG's VMT estimates for the region. Projections of lower VMTs are unrealistic and could adversely impact the SIP process and motor vehicle emissions budget. CARB staff responded that VMT offset is a specific requirement in the CAA demonstrating that the VMT increase is offset by transportation control strategies/measures. For the Coachella Valley, the demonstration shows that control programs in place would offset the increases in VMT. SCAG staff responded that SCAG's Regional Transportation Plan/Sustainable Community Strategy (RTP/SCS) development is an extensive process and reflects local inputs. The U.S. EPA staff also added that the VMT offset requirement dates back to the 1990 CAA Amendments and it only focuses on VOC. More information is provided in the staff report prepared by CARB.

Question on potential consequences or penalties to the region as a result of not meeting the PM2.5 standard. Staff responded that when the region fails to meet a standard, the U.S. EPA will issue a failure to attain notice which requires a new SIP that shows expeditious attainment of the standard as early as possible. The PM2.5 Plan was developed to fulfil this requirement. Potential sanctions can be triggered for failing to implement the plan.

3. Update on 2022 AQMP Development

Mr. Pirveysian presented updates on the development of the 2022 AQMP which primarily focuses on demonstrating attainment of the 2015 8-hour ozone standard of 70 ppb for which the Basin is classified as an Extreme nonattainment area with an attainment date of August 3, 2038, and the Coachella Valley is classified as a Severe nonattainment area with an attainment date of August 3, 2033. The 2022 AQMP is required to be submitted to the U.S. EPA by August 3, 2022. The other required SIP elements are the certifications for the New Source Review (NSR) and Clean Fuel for Boilers, which is due to the U.S. EPA in August 2021.

Dr. Sang-Mi Lee, Program Supervisor of Air Quality Modeling and Emissions Inventory Development, provided updates on the 2022 AQMP design values, emissions inventory, and regional modeling. Dr. Lee discussed the updated emissions inventory reflecting EMFAC2017, air quality modeling for the COVID-19 shelter-in-place period (March to May 2020) and the impact of meteorology on the Basin's ozone and PM2.5 levels. Dr. Lee reiterated that the NOx control path would provide the optimum path to attain the 8-hour ozone standards.

Mr. Pirveysian also provided quick updates on the AQMP stationary source working group (Residential and Commercial Buildings) and mobile source working groups (Heavy-Duty Trucks,

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Construction and Industrial Equipment, Ocean-Going Vessels, and Aircraft). Mr. Pirveysian concluded his presentation with the overall AQMP schedule and contact information.

Comments from Advisory Group and Staff Responses:

Question on the updated inventory for composting processes for the 2022 AQMP. Staff responded that area source inventories are reviewed and updated when applicable as part of the AQMP emissions inventory development. For the 2022 AQMP, emissions from composting processes are updated based on the latest activity data.

Inquiry on how quickly zero-emission vehicles (ZEVs) technology would come to fruition, and the need to revisit Rule 317 to avoid unintended consequences with penalties for not achieving attainment. Staff responded that the 2037 attainment date gives a longer horizon to implement clean technologies. The goal for the 2022 AQMP is to come up with specific defined measures and feasible technologies that can be implemented over this timeframe. CARB has recently adopted several regulations including the Omnibus and the Advanced Clean Truck Regulations. CARB is working with vehicle manufacturers on the supply side and with fleet vehicles on the demand side to bring as many ZEVs as possible into the market. CARB staff also explained that there are certain sources that are within federal authority such as federally-certified trucks operating in California, which account for almost 50 percent of California heavy-duty VMT, as well as construction equipment less than 175 horsepower preempted under federal law. CARB is hopeful to work with the U.S. EPA for the sources that are under CARB or federal authority to reduce emissions from heavy-duty trucks and also promote zero emission technologies at the national level.

Inquiry on South Coast AQMD's approach on the RACT demonstration for the 2022 AQMP. Staff responded that some of the U.S. EPA guidelines may be outdated and a letter was recently submitted to the U.S. EPA for consideration of updating the Control Techniques Guidelines (CTGs) for several outdated CTG categories. Staff will be looking at all available technologies and measures that have been adopted by other agencies and districts in the upcoming RACT analysis to evaluate whether there is any opportunity for further emission reductions.

Question on why the 2022 AQMP focuses only on 2015 8-hour ozone standard while there are closer deadlines for 80 ppb (2023) and 75 ppb (2031) ozone standards. Staff responded that the primary focus of this 2022 AQMP is to meet the 2015 8-hour ozone standard (70 ppb) with an attainment deadline of 2037 for the Basin and 2032 for the Coachella Valley which is statutorily required by the CAA. As strategies are developed to meet the 2015 ozone standard by 2037, staff will evaluate the benefits of the AQMP measures in the interim years.

Question on whether the ozone isopleth will change with the 2020 meteorology data. Staff responded that the ozone isopleths will be updated with 2018 meteorology data because 2018 is the base year for the 2022 AQMP. If the 2020 meteorology is used, isopleths may have different shapes, because factors affecting ambient measurement values (e.g., atmospheric transport, photochemistry, biogenic emissions and manmade emissions) are different from 2018.

Comments on the incorporation of green and renewable hydrogen and battery electric technologies for mobile transportation and building sectors into AQMP, which will help develop the infrastructure in the market and achieve reductions. Staff thanked the commenter and noted the comments.

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Question on the importance of NOx reductions compared to VOC reductions in meeting the 70 ppb ozone standard. Staff responded that NOx control strategy is the pathway to meet the 70 ppb standard.

Comments on the efficacy of continued focus on NOx reductions from stationary sources which have been well controlled over the past decades and are a small slice of total NOx emissions. Staff acknowledged that stationary sources contribute to about 20 percent of NOx emissions while mobile sources account for 80 percent of NOx emissions. To achieve the level of reductions needed for 2037 attainment, potential feasible reductions from stationary and mobile sources will be evaluated during the AQMP process.

Comments on the effects of the shifting meteorology and NOx-VOC chemistry on the ozone isopleth and on control approaches. Staff responded that per the U.S. EPA's guidelines, 2018 was chosen as the base year which represented typical ozone conditions for the Basin. Isopleth is used as general guidance to identify the best and the most effective control strategy. The U.S. EPA does not have official guidance on incorporating the impact of long-term change in meteorology on regional modeling. Staff is working with the U.S. EPA and other academic research groups to best address the impact of long-term change in meteorology on air quality.

Comments on the inclusion of strategy to meet the State 1-hour ozone standard (90 ppb) in addition to the federal 8-hour ozone standard (70 ppb). Staff responded that the primary focus of the 2022 AQMP is the 70 ppb ozone attainment as required by the federal CAA. California CAA requires nonattainment areas to continue to make progress towards achieving the state's air quality standards, but there are no fixed attainment deadlines. Staff noted the comment and would work with CARB to address the State 1-hour ozone standard.

Comments from Public and Staff Responses:

No comments from the public members on this agenda item.

4. Other Business

No additional comments, announcements, or reports from the Advisory Group members.

5. Public Comments

No additional comments from the public other than made above.

6. Next Meeting tentatively planned for May/June 2021

Members Present (32)

Andy Henderson, Building Industry Association (BIA)

Chris Shimoda, California Trucking Association

Curtis Coleman, Southern California Air Quality Alliance

Dan McGivney, Southern California Gas (SoCalGas)

David Darling, American Coatings Association

David Pettit, Natural Resources Defense Council, Inc. (NRDC)

David Rothbart, Southern California Alliance of Publicly Owned Treatment Works (SCAP)

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Frances Keeler, California Council for Environmental and Economic Balance
Greg Nord, Orange County Transportation Authority (OCTA)
Greg Osterman, Jet Propulsion Laboratory/NASA
John Ungvarsky, U.S. EPA
Kendal Asuncion, Los Angeles Area Chamber of Commerce
Kim Fuentes, South Bay Cities Council of Governments
Lori Huddleston, Los Angeles County Metropolitan Transportation Authority (LA Metro)
Marc Carrel, Breathe LA
Marcos Holguin, International Longshore and Warehouse Union (ILWU) Locals 13, 63, and 94
Michael Lewis, Southern California Contractors Association
Patty Senecal, Western States Petroleum Association (WSPA)
Paul Ryan, California Refuse Recycling Council
Peter Herzog, NAIOP, Commercial Real Estate Development Association, SoCal Chapter
Peter Okurowski, Association of American Railroads
Priscilla Hamilton, Southern California Gas (SoCalGas)
Richard Parks, Redeemer Community Partnership
Rita Loof, RadTech
Rongsheng Luo, Southern California Association of Governments
Samuel McLaughlin, Volvo
Tammy Yamasaki, Southern California Edison (SCE)
Teresa Pisano, Port of Los Angeles
Thomas Jelenić, Pacific Merchant Shipping Association (PMSA)
Tim DeMoss, Port of Los Angeles
Todd Campbell, Clean Energy
William Zobel, California Hydrogen Business Council

Public Attendees and Interested Parties

Alan De Salvio, Mojave Desert AQMD
Alek Van Houghton, Ramboll
Amber Coluso, Port of Los Angeles
Annaleigh Ekman
Benjamin Leers
Bertrand Gaschot, Mojave Desert AQMD
Betsy Brien, PBF Energy
Bill LaMarr
Bobby Gustafson, Riverside County
Carlo Gavina
Charles Williams, The Lion Electric
Chris Gabelich, Metropolitan Water District of Southern California
Christine Batikian, Port of Los Angeles
Claire Garcia, The Lion Electric
Craig Sakamoto, PBF Energy
Cynthia Rollins, CoolSys, Inc.
Danielle Morone, Gatzke Dillon & Ballance LLP
Dianne Brickman, Sherwin-Williams
Elio Torrealba, SA Recycling
Eric Anderson, Toyota
Erin Berger, Southern California Gas (SoCalGas)

Air Quality Management Plan Advisory Group Minutes for February 3, 2021 Meeting

Greg Busch, Marathon Petroleum
Howard Berman, E4 Strategic Solutions
Janet Baad, Alaska Airlines
Jessica Coria, San Joaquin Valley APCD
Joe Leighton, Chevron
John Cho, Southern California Association of Governments
Lakshmi Jayaram, Ramboll/Future Ports
Lin Wang, Los Angeles World Airports
Loraine Lundquist
Madison Perkins, San Joaquin Valley APCD
Mana Sangkapichai, Southern California Association of Governments
Mark Abramowitz, Community Environmental Services, Inc. (CES)
Mark Taylor, San Bernardino County
Marshall Waller, Phillips 66
Michael Corder, San Joaquin Valley APCD
Mike Tunnell, American Trucking Associations
Mugi Lukito, Southern California Gas (SoCalGas)
Noel Muyco
Pat Dewey, Bosch
Ramine Cromartie, Western States Petroleum Association (WSPA)
Renee Nygaard, PBF Energy
Sam Pournazeri, CARB
Scott King, CARB
Scott Weaver, Ramboll
Susie Rodriguez, APM Terminals
Sylvia Vanderspek, CARB
Teja Ganapa, Los Angeles Department of Water and Power (LADWP)/University of Southern California
Tim French, Chicago Law Partners, LLC
Timothy Pohle, Airlines for America
Tom Swenson, Cummins
Tyler Harris, Ventura County APCD

South Coast AQMD Staff Present

Anthony Tang, Information Technology Supervisor
Carol Gomez, Planning and Rules Manager
Cristina Lopez, Sr. Public Information Specialist
Cui Ge, Air Quality Specialist
Elliott Popel, Air Quality Specialist
Eric Praske, Air Quality Specialist
Jong Hoon Lee, Air Quality Specialist
Josephine Lee, Sr. Deputy District Counsel
Kalam Cheung, Program Supervisor
Kathryn Roberts, Deputy District Counsel
Kayla Jordan, Air Quality Specialist
Kelly Gamino, Program Supervisor
Lane Garcia, Program Supervisor
Laurence Brown, Air Quality Specialist

Air Quality Management Plan Advisory Group Minutes for February 3, 2021 Meeting

Matt Miyasato, Deputy Executive Officer
Michael Krause, Planning and Rules Manager
Naveen Berry, Assistance Deputy Executive Officer
Paul Wright, Sr. Information Technology Specialist
Ricky Lai, Air Quality Specialist
Rosalee Mason, Secretary
Rui Zhang, Air Quality Specialist
Sang-Mi Lee, Program Supervisor
Sarah Rees, Deputy Executive Officer
Scott Epstein, Program Supervisor
Shah Dabirian, Program Supervisor
Veera Tyagi, Principal Deputy District Counsel
Wei Li, Air Quality Specialist
Xinqiu Zhang, Sr. Staff Specialist
Yanrong Zhu, Air Quality Specialist
Zorik Pirveysian, Planning and Rules Manager



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AIR QUALITY MANAGEMENT PLAN ADVISORY GROUP MEETING MINUTES

**Tuesday May 18, 2021
1:00 p.m.**

1. Welcome, Introductions, Approval of Minutes, and 2016 AQMP Updates

Dr. Sarah Rees, Deputy Executive Officer of South Coast AQMD's Planning, Rule Development, and Area Sources Division, called the virtual meeting to order at 1:00 pm, welcomed all participants and introduced South Coast AQMD staff present. Dr. Rees asked if there were any comments on the previous meeting's minutes. Since there were no comments, the minutes were approved. Dr. Rees then provided an update on the 2016 AQMP implementation including several regulatory actions adopted by South Coast AQMD and the California Air Resources Board (CARB).

Comments from Advisory Group and Staff Responses:

Inquiry on whether South Coast AQMD will attain the 2023 ozone standard, and if South Coast AQMD or CARB is responsible for attainment; stationary sources should not be penalized for nonattainment attributable to small reductions from mobile sources. Staff responded that it would be challenging to meet the 2023 standard based on the level of reductions needed for attainment. South Coast AQMD and CARB share this obligation. Section 185 fee requirement for major stationary sources is part of the federal Clean Air Act (CAA) provisions for not attaining the NAAQS.

Comments from Public and Staff Responses:

No comments from the Public on this agenda item.

2. Certification of Nonattainment New Source Review and Clean Fuels for Boilers Compliance Demonstration

Dr. Kalam Cheung, Program Supervisor of Policy, Climate, Energy, and Incentives provided an update on the specific SIP requirements for the 2015 8-hour ozone standard (70 ppb) for the South Coast Air Basin (Extreme nonattainment) and Coachella Valley (Severe nonattainment) related to Nonattainment New Source Review (NSR) and Clean Fuels for Boilers. Under NSR requirements, new sources must install the lowest achievable emission rate (LAER), offset emissions increases from new or modified sources, and have public participation in the permitting process. Based on staff's evaluation, the South Coast AQMD's NSR program is at least as stringent as the CAA requirements. In January 2021, the D.C. Circuit Court of Appeals ruled that Interpollutant Trading violates the CAA. As such, South Coast AQMD certifies not to use the IPT provision in the NSR program and commits to remove the IPT provision from Rule 1309 in a future rule amendment. The Clean Fuels for Boilers SIP element requires the use of clean fuels or advanced control technologies for electric utility and industrial and commercial boilers that emit more than 25 tons/year of NO_x in extreme nonattainment areas. South Coast AQMD meets this requirement through Rules 1146, 2002, 2004, and 1303. A certification was prepared to demonstrate that South Coast AQMD's rules and regulations meet the CAA requirements for Nonattainment NSR and Clean Fuels for Boilers for the 2015 8-hour ozone NAAQS. The Draft Final

Certification was released on May 4th and will be presented to the South Coast AQMD Governing Board on June 4th for approval and submission to U.S. EPA through CARB.

Comments from Advisory Group and Staff Responses:

Inquiry on what Reasonably Available Control Measures (RACM) process entails. Staff responded that RACM is due to the U.S. EPA in August 2022, and the evaluation will be included as part of the 2022 AQMP. RACM applies to both stationary and mobile sources. In general, RACM analysis includes an evaluation of rules and regulations from other agencies as well as the latest technologies that are available, feasible, and cost effective. More details will be provided in the next two Advisory Group meetings.

Comments from Public and Staff Responses:

No comments from the Public on this agenda item.

3. Update on 2022 AQMP Emissions Inventory

Dr. Sang-Mi Lee, Program Supervisor of Air Quality Modeling and Emissions Inventory Development provided updates on the preliminary emissions inventory for the 2018 base year and future attainment years' emissions. Emissions inventory is categorized into point, area, on-road mobile and off-road mobile sources, each developed with category-specific methodologies. While total NO_x continues to decrease over time, the preliminary 2022 AQMP NO_x inventory is higher in future years (2023 and 2031) compared to the 2016 AQMP inventory. Stationary point and area source emissions are estimated to be lower than the 2016 inventory, while off-road emissions are higher in the 2022 update. Both plans indicate stationary sources are the major contributor of VOCs, increasing in future years due to population and economic growth. Travel activity data and vehicle emissions rates are the main inputs to determine on-road emissions. The 2022 AQMP inventory uses travel activity data from the 2020 Regional Transportation Plan for on-road emissions, resulting in a slower rate of increase for Heavy Duty vehicles' Vehicle Miles Traveled (VMT) compared to the 2016 AQMP. The use of EMFAC 2017 in 2022 AQMP results in higher NO_x (lower VOC) vehicle emissions rates and increased NO_x (decreased VOC) emissions relative to EMFAC 2014. The slower VMT growth and higher NO_x emissions rate offset each other and resulted in the 2022 AQMP on-road NO_x emissions similar to the 2016 AQMP inventory. VOC emissions from on-road mobile sources are slightly lower in the 2022 AQMP inventory. Several off-road mobile source categories are still under development and will be updated in the near future.

Comments from Advisory Group and Staff Responses:

Inquiry on the cause of increase in VOCs from stationary sources. Staff responded that most of the increase is due to area source categories, which are linked to population growth, industry growth, and economic growth. A significant portion of the increase in VOCs is from consumer products such as hairsprays and cleaning detergents.

Inquiry on what category construction equipment emissions fall under. Staff responded that construction equipment is included in the off-road mobile source category. This category is currently being updated and there will be more information at future AQMP Advisory Group meetings.

Inquiry on why the 2018 Emissions Inventory uses EMFAC2017 instead of EMFAC2021. Staff responded that South Coast AQMD must use the U.S. EPA-approved version of EMFAC, which is

EMFAC2017. Impacts from regulations adopted since EMFAC2017 are accounted for through external adjustment factors.

Comments from Public and Staff Responses:

No comments from the Public on this agenda item.

4. Update on 2022 AQMP Working Groups

Mr. Zorik Pirveysian, Planning and Rules Manager of South Coast AQMD's Planning, Rule Development, and Area Sources Division, introduced the five Working Groups established to identify specific strategies for the 2022 AQMP attainment demonstration. These Working Groups are Residential and Commercial Buildings, Heavy-Duty Trucks, Construction and Industrial Equipment, Ocean-Going Vessels, and Aircraft. Other mobile sources not covered in these groups are going through their own public processes by South Coast AQMD and CARB. Mr. Michael Krause, Planning and Rules Manager of South Coast AQMD's Planning, Rule Development, and Area Sources Division provided an update on the Residential and Commercial Buildings Working Group. Mr. Pirveysian continued the presentation on current and proposed regulations as well as potential strategies for the heavy-duty trucks, construction and industrial equipment, ocean-going vessels, and aircraft. The next series of working group meetings are planned for June to continue evaluation of control strategies.

Comments from Advisory Group and Staff Responses:

Inquiry on reductions for adopted regulations for heavy duty trucks. Staff responded that emission reductions for CARB's adopted regulations were provided by CARB staff.

Inquiry on the process of translating concepts into actual proposals for OGVs. Staff responded that the purpose of working groups is to work with all stakeholders to define specific strategies for different categories for the 2022 AQMP, including OGVs.

Comment that reductions from Advanced Clean Trucks (ACT) regulation and reductions from Advanced Clean Fleet (ACF)/Zero Emissions Drayage regulation appear to be double counted. CARB staff responded that ACT requires manufacturers to sell a certain percentage of ZE trucks starting from model year 2024, while ACF is a regulation for fleet owners. Emissions reductions from ACF above and beyond ACT are due to additional ZEVs. The reductions are still preliminary and will continue to be refined.

Inquiry on if there will be a technical report for mobile source strategy to understand how numbers were derived and what assumptions were made, and if there was any analysis on feasibility. Staff responded that the CARB's Mobile Source Strategy is the basis for developing the State SIP strategy which will have more specific strategies and targets as a part of the 2022 AQMP. CARB staff responded that the Mobile Source Strategy is more of a long-term scoping document. It provides the potential pathways forward while considering feasibility to balance long-term air quality and climate goals with the state of technology. Over the next few months, CARB will identify the elements of the Mobile Source Strategy to be incorporated into the 2022 AQMP and State SIP Strategy as specific control measures for mobile sources.

Inquiry if specific components of various aspirational future scenarios will be in SIP Strategy or are emissions reductions changes anticipated from each individual element. CARB staff responded that it

can be a combination of both as plans are developed. The broader vision of Mobile Source Strategy will be captured and reflected in these more specific planning documents. South Coast AQMD staff added that over the next few months, the emissions inventory and forecast will be updated, and modeling will be conducted to determine preliminary carrying capacity and the needed emission reductions by 2037. Significant NO_x reductions will likely be required for attainment demonstration similar to the results in the 2016 AQMP.

Inquiry about CEQA implications and what impacts electrification could have on electrical transmission requirements, mining lithium or rare earths, outsource mining, and who is responsible for assessing these impacts. Staff responded that electrification impacts were considered and estimated in the 2016 AQMP. A CEQA analysis and an Environmental Impact Report (EIR) will be done for the 2022 AQMP. CARB staff also responded that a CEQA analysis is done for all air quality planning documents, including the 2022 State SIP Strategy and Mobile Source Strategy. There are also federal regulations on mining critical minerals and rare earths.

Comments from Public and Staff Responses:

No comments from the Public on this agenda item.

5. South Coast Air Basin PM₁₀ Maintenance Plan for 1987 24-hour PM₁₀ Standard

Dr. Scott Epstein, Program Supervisor of Air Quality Assessment, presented the PM₁₀ Maintenance Plan for the 1987 24-hour PM₁₀ Standard. In July 2013, South Coast Air Basin attained the PM₁₀ standard and has been in attainment since then. The Maintenance Plan, due to EPA in July 2021, demonstrates how South Coast AQMD will continue to attain through two successive parts. The first part of the Plan covers 2013-2023, and the second part covers 2023-2035. The Plan addresses 5 key elements including meteorology and air quality technical analysis, a Maintenance Demonstration to show continued attainment, a commitment to maintain future monitoring network, a commitment to verify continued attainment, and establishment of a contingency plan. South Coast Air Basin has maintained attainment of the PM₁₀ Standard in the first period, after the exclusion of exceptional events. Road dust and construction and demolition are the most significant direct sources of PM₁₀, while NO_x and VOCs are precursors and indirect sources of PM. South Coast Air Basin is expected to maintain attainment through 2035. The Contingency Plan will be activated if the standard is exceeded, with exclusion of exceptional events. The Final Draft Maintenance Plan was released on May 4th and will be presented to the South Coast AQMD Governing Board on June 4th for approval and submission to U.S. EPA through CARB.

Comments from Advisory Group and Staff Responses:

Inquiry on whether drought is considered an exceptional event. Staff responded that drought is explicitly not considered an exceptional event. The most common exceptional event for PM₁₀ is high winds. If the soil becomes dry from drought, high PM₁₀ episodes are more likely to occur with high winds.

Comments from Public and Staff Responses:

Inquiry on whether South Coast AQMD models future PM₁₀ emissions from the operation of newly installed SCRs under Rule 1109.1. Staff responded that while installing new SCRs under 1109.1 may increase PM emissions, this type of modeling was not done specifically for the PM₁₀ Maintenance Plan. Emissions from major facilities are required to be reported to South Coast AQMD through Annual Emissions Reporting (AER) and these reported emissions are included in the PM₁₀ Maintenance Plan.

Regulations on PM precursors have created a large margin in the emissions inventory to maintain PM10 attainment. So even if there is an increase in PM10, and more likely PM2.5 from the use of SCRs, it will not interfere with the maintenance attainment status. Any potential increase in newly installed SCRs will be reported in AER and accounted for in the inventory.

6. Other Business

No additional comments, announcements, or reports from the Advisory Group members.

7. Public Comment

No additional comments, announcements, or reports from the Public.

8. Next Meeting tentatively planned for July/August 2021

Members Present (23)

Bill LaMarr, California Small Business Alliance
Bridget McCann, Western States Petroleum Association
Christopher Chavez, Coalition for Clean Air
Chris Shimoda, California Trucking Association
Curtis Coleman, Southern California Air Quality Alliance
Dan McGivney, Southern California Gas
David Rothbart, Southern California Alliance of Publicly Owned Treatment Works
Dawn Fenton, Volvo
Frances Keeler, California Council for Environmental and Economic Balance
Greg Osterman, Jet Propulsion Laboratory/NASA
Jeremy Avise, California Air Resources Board
Marc Carrel, Breathe LA
Martha Masters, Riverside County Transportation Commission
Marcos Holguin, International Longshore and Warehouse Union
Michael Benjamin, California Air Resources Board
Paul Ryan, California Refuse Recycling Council
Peter Herzog, NAIOP, Commercial Real Estate Development Association, SoCal Chapter
Peter Okurowski, Association of American Railroads
Rita Loof, RadTech
Tammy Yamaski, Southern California Edison
Teresa Pisano, Port of Los Angeles
Thomas Jelenic, Pacific Merchant Shipping Association
Tim DeMoss, Port of Los Angeles

Public Attendees and Interested Parties (54)

Abas Goodarzi, US Hybrid
Alan De Salvio
Alison Torres
Allison Skidd
Andy Henderson

Air Quality Management Plan Advisory Group Minutes for May 18, 2021

Annaleigh Ekman
Archana
Ariel Fideldy
Ben Leers
Bernadette Shahin
Bertrand Gaschot, MDAQMD
Billy Leung
Chenxia Cai
Christine Batikian
Cory Parmer, CARB
Craig Sakamoto
Duane Baker
Eric Anderson
Erin Berger, Southern California Gas
Fang Yan, CARB
Fernando Gaytan, Earth Justice
Greg Nord
Howard Berman
Hsi-Hwa Hu, SCAG
Jacqueline Moore
James Perez
Janet Whittick
Jennifer K
Julia Lester, Ramboll
Melissa McMeechan
Michael Corder
Michelle Zumwalt - MDAQMD
Kiersten Melville
Kim Fuentes
Leonardo Ramirez
Mana Sangkapichai, SCAG
Mark Abramowitz
Marshall Waller
Mathew Watson
Morgan Caswell
Nicole Sanoski
Robert Freeman
Ramine Cromartie
Rynda Kay
Scott King, Ph.D., CARB
Scott Weaver, Ramboll Environ
Shawn Tieu
Sheilla Hadayat
Stephanie Ng
Steven Wadding
Sylvia Vanderspek
Tim French

Tim Pohle, Airlines for America
Tyler Nguyen

South Coast AQMD Staff Present (31)

Anthony Tang, Information Technology Supervisor
Barbara Baird, Chief Deputy Counsel
Brian Choe, Program Supervisor
Cui Ge, Ph.D., AQ Specialist
Eric Praske, Ph.D., AQ Specialist
Gary Quinn, Program Supervisor
Ian MacMillan, Assistant Deputy Executive Officer
Jong Hoon Lee, Ph.D., AQ Specialist
Kalam Cheung, Ph.D., Program Supervisor
Kathryn Roberts, Deputy District Counsel II
Kayla Jordan, Assistant AQ Specialist
Lisa Tanaka O'Malley, Assistant Deputy Executive Officer
Marc Carreras-Sospedra, Ph.D., AQ Specialist
Mark Henninger, Information Technology Manager
Matt Miyasato, Ph.D., Deputy Executive Officer
Michael Krause, Planning and Rules Manager
Nico Schulte, Ph.D., AQ Specialist
Paul Stroik, Ph.D., AQ Specialist
Paul Wright, Senior Information Technology Specialist
Ricky Lai, AQ Specialist
Rosalee Mason, Secretary
Rui Zhang, Ph.D., AQ Specialist
Sang-Mi Lee, Ph.D., Program Supervisor
Sarah Rees, Ph.D., Deputy Executive Officer
Scott Epstein, Ph.D., Program Supervisor
Shah Dabirian, Ph.D., Program Supervisor
Veera Tyagi, Principal Deputy District Counsel
Vicki White, Technology Implementation Manager
Wei Li, Ph.D. AQ Specialist
Xinqiu Zhang, Ph.D., Senior Staff Specialist
Zorik Pirveysian, Planning and Rules Manager



South Coast Air Quality Management District

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AIR QUALITY MANAGEMENT PLAN ADVISORY GROUP MEETING MINUTES

Friday, August 27, 2021
1:00 p.m.

1. Welcome, Introductions, and Approval of Minutes

Ian MacMillan, Assistant Deputy Executive Officer of South Coast AQMD's Planning, Rule Development, and Area Sources Division, called the virtual meeting to order at 1:00 pm, welcomed all participants and introduced South Coast AQMD staff and Advisory Group members present. Mr. MacMillan asked if there were any comments on the previous meeting's minutes. Since there were no comments, the minutes were approved.

Comments from Advisory Group and Staff Responses:

No comments from the Advisory Group on this agenda item.

Comments from Public and Staff Responses:

No comments from the Public on this agenda item.

2. 2022 AQMP Reasonably Available Control Measures (RACM) Demonstration Methodology for Stationary Sources

Dr. Kalam Cheung, Program Supervisor of Policy, Climate, Energy, and Incentives presented the methodology for RACM demonstration for stationary sources. Dr. Cheung provided the overview of RACM requirements, and presented the seven-step analysis for RACM which includes (i) Updated RACT/Prior RACM, (ii) EPA's Technical Support Documents, (iii) Control Measures Beyond RACM in 2016 AQMP, (iv) Other Districts' Control Measures, (v) EPA's Menu of Control Measures, (vi) EPA's Guidance Documents, and (vii) Control Measures Workshop and Working Group.

Comments from Advisory Group and Staff Responses:

Inquiry on how cost-effectiveness is calculated for mobile sources compared to stationary sources and availability of a cost-effectiveness number for mobile source measures. Staff responded that in the 2016 AQMP, \$50,000 per ton of NO_x reduced was used as threshold that triggers additional economic studies. The approach for cost effectiveness thresholds for the 2022 AQMP has not yet been determined. CARB staff responded that CARB uses a similar approach to South Coast AQMD for mobile source measures. Cost-effectiveness and technological feasibility assessment will be conducted for all measures included in CARB's 2022 State SIP strategy. Future workshops will propose specific dollar-per-ton cost-effectiveness thresholds for mobile sources.

Comment that South Coast AQMD needs to partner with U.S. EPA to revise the outdated Control Technique Guidelines (CTG) for ultraviolet/electron beam (UV/EB) technology. Staff responded that South Coast AQMD staff submitted a comment letter in June 2020 to recommend U.S. EPA to consider revisiting and updating all outdated CTGs. Once U.S. EPA's CTG documents are revised, staff will update the RACT analysis to reflect the current state of technology. The comparisons with recently adopted rules and regulations by other agencies, as well as the most recent versions of U.S. EPA

guidance documents and their technical support documents, would capture the latest technology development in this source category.

Inquiry on potential RACM rejected in 2016 AQMP. Staff responded that in the 2016 AQMP, a seven-step analysis was conducted to identify potential RACM. Based on the analysis, 20 potential RACM were identified and evaluated in more detail. Ten of the 20 measures were rejected as RACM because they were not technologically feasible or cost-effective to implement at the time of the evaluation. As technology evolves and cost of control is updated, these 10 measures will be evaluated again in this AQMP to re-assess feasibility based on updated information.

Comments from Public and Staff Responses:

Comment regarding the need for evaluation of solar technology for the 2022 AQMP. Staff thanked the individual and noted the comment.

Comment to evaluate permits and literature search to determine RACM and reevaluate traditional cost-effectiveness criteria to determine economic feasibility. Staff thanked the individual and noted the comments.

3. Updates on 2022 AQMP Emissions Inventory and Air Quality Modeling

Dr. Sang-Mi Lee, Program Supervisor of Air Quality Modeling and Emissions Inventory Development presented preliminary emissions inventory for the 2022 AQMP. The presentation included emissions from stationary, on-road mobile, and off-road mobile sources for the base (2018) and future milestone years (2023, 2031 and 2037). Dr. Lee provided comparisons between the preliminary emissions inventory and the 2016 AQMP emissions inventory, which were due to updated economic growth scalars, recently adopted regulations, and update methodologies where applicable. She also provided updates on air quality modeling to predict ozone and PM_{2.5} levels for the Basin, the Coachella Valley and adjacent air basins. Specifically, state-of-the-art tools were developed to allocate emissions from on-road mobile sources, ocean going vessels and aircraft to a modeling grid. These approaches utilize big data collected via remote sensing, sensors, and satellite-based communication.

Comments from Advisory Group and Staff Responses:

Comment that as more sources enter the Annual Emissions Reporting (AER) program in future years, projected contribution to total NO_x emissions from area sources versus point sources may change in the future. Staff responded that the distinction between area source and point source might be different depending on geographical areas. Point source emissions are reported data by facilities subject to AER. Area sources include permitted sources which are not included in point sources and aggregated sources that cannot be tracked individually. Emissions from residential fuel combustion or personal use products (consumer products) are example of area sources. Staff ensured emissions are not double counted in both area and point sources inadvertently through a “point-area source reconciliation” process.

Comments from Public and Staff Responses:

No comments from the Public on this agenda item.

4. Meteorological Impact on High Ozone Episodes in South Coast Air Basin

Dr. Sang-Mi Lee gave a presentation on the meteorological impact on high ozone episodes, which includes two independent approaches – one approach is based on a study conducted by external consultants and the other is an in-house approach conducted by South Coast AQMD staff. The results showed that ozone levels in the Basin are highly sensitive to meteorology, which fluctuates every year due to atmospheric dynamics. She also noted that it is challenging to precisely quantify the impact due to large uncertainties in emissions and volatile precursor levels in a large, heterogeneous urban air shed. Dr. Lee explained that high ozone concentrations for the next three decades show a marginally decreasing trend with the baseline emissions, while reduced emissions scenarios were predicted to show attainment of ozone standards, despite climate change.

Comments from Advisory Group and Staff Responses:

Inquiry on South Coast AQMD's next steps to analyze meteorological impact over a longer time frame than five years in the future, provided U.S. EPA recommends a span of no less than 20 years to account for climate signal in attainment demonstration. Staff responded that U.S. EPA does not recommend reflecting climate changes on attainment demonstration which has less than 20 year time span. Staff is working very closely with scientists in U.S. EPA, and CARB to address the long-term meteorological impact in the 2022 AQMP. Key factors such as long-range transport, background ozone, biogenic emissions, and other uncertainties, would be considered in the weight of evidence discussion.

Comments from Public and Staff Responses:

Inquiry on how real-world ozone levels in the South Coast Air Basin decreased while the number of exceedances was highest in 2020 since 1997. Staff explained there are different metrics to evaluate ozone air quality. Common metrics include U.S. EPA's standard using the 4th highest concentration in a year, averaged over a three-year period (design value), or the number of days exceeding this standard. Although exceedances and the design value have not reduced as much as desired in recent years, other metrics show that progress is still being made. For example, emissions levels continue to decline, and modeling demonstrates that this approach will overcome any natural fluctuation due to year-to-year meteorological variability. This fluctuation is expected to impact each metric differently, but overall there is a strong correlation between the significant reductions in NO_x and VOC emissions at a multi-decade scale and subsequent reduced ozone levels.

Comment that zero-emission solar conversion should be considered. Staff thanked the individual and noted the comment.

5. Update on 2022 AQMP Working Groups

Mr. Michael Krause, Planning and Rules Manager, provided updates on Residential and Commercial Buildings Working Group for the 2022 AQMP. Mr. Zorik Pirveysian, Planning and Rules Manager, provided updates on Mobile Source Working Groups, including Heavy-Duty Trucks, Construction and Industrial Equipment, Ocean-Going Vessels, and Aircraft Working Groups, and introduced potential control strategies for each of these mobile sources.

Comments from Advisory Group and Staff Responses:

Inquiry on whether funding strategies for incentive measures are specific to source categories. Staff responded that there will be a separate working group to discuss funding requirements, including how much funding is needed and the sources of funding.

Inquiry on the information on the cargo handling equipment working group. CARB staff answered that there is no specific working group on cargo handling equipment. As part of the regulatory development for cargo handling equipment, workshops and working group meetings where stakeholders can provide feedback will soon take place. CARB is updating the emissions inventory for cargo handling equipment with more up-to-date information through a public process.

Comment to consider additional working group process for statewide activity to address infrastructure needs. CARB staff responded that CARB would host future State SIP Strategy workshops for both hydrogen and zero-emission infrastructure. Staff will look at infrastructure holistically, including the grid reliability, grid connections, and cost at the statewide level.

Comments from Public and Staff Responses:

No comments from the Public on this agenda item.

6. Other Business

No additional comments, announcements, or reports from the Advisory Group members.

7. Public Comment

No additional comments, announcements, or reports from the Public.

8. Next Meeting tentatively planned for October/November 2021

Members Present (21)

Curtis Coleman, Sothern California Air Quality Alliance
Dan McGivney, Southern California Gas (SoCalGas)
David Rothbart, Southern California Alliance of Publicly Owned Treatment Works
David Darling, American Coatings Association
Greg Nord, Orange County Transportation Authority (OCTA)
Janet Whittick, California Council for Environmental and Economic Balance (CCEEB)
John Ungvasky, United States Environmental Protection Agency (U.S. EPA), Region 9
Kim Fuentes, South Bay Cities Council of Governments
Lakshmi Jayaram, Future Ports
Lori Huddleston, Los Angeles County Metropolitan Transportation Authority (LA Metro)
Marcos R. Holguin, International Longshore and Warehouse Union (ILWU) Locals 13, 63, and 94
Martha Masters, Riverside County Transportation Commission (RCTC)
Michael Carroll, Latham & Watkins LLP
Michael Lewis, Southern California Contractors Association
Paul Ryan, California Refuse Recycling Council
Peter Okurowski, Association of American Railroads
Ramine Cromartie, Western States Petroleum Association (WSPA)

Rita Loof, RadTech
Rongsheng Luo, Southern California Association of Governments (SCAG)
Thomas Jelenić, Pacific Merchant Shipping Association (PMSA)
William La Marr, California Small Business Alliance

Public Attendees and Interested Parties (45)

Abas Goodarzi, US Hybrid
Alek Van Houghton, Ramboll
Ali Ghasemi, Ventura County APCD
Amy Dryden, Association for Energy Affordability Inc.
Amy Jeffries, Boeing
Anjali Deodhar, Viatec Inc.
Annaleigh Ekman, SCAG
Anthony Endres
Ariel Fidely, CARB
Austin Hicks, CARB
Bertrand Gaschot, Mojave Desert AQMD
Bethmarie Quiambao, Southern California Edison (SCE)
Claire Garcia, Lion Electric
Chadwick Collins, Kellen Company
Chris Dugan, MIG Inc.
Dustin Rice, Fedex
Eric Anderson, Toyota
Eric Berger, SoCalGas
Fernando Gaytan, Earthjustice
Ginger Vagenas, U.S. EPA
Harvey Eder
John Henkelman, Ventura County APCD
John Larrea, California League of Food Process (CLFP)
Ken Dami, Phillips 66
Laura Iannaccone, County of Los Angeles
Lauren Paladino, Los Angeles World Airports (LAWA)
Leah Louis-Prescott, Rocky Mountain Institute (RMI)
Leela Rao, Port of Long Beach
Les Swizer, California New Car Dealers Association (CNCDA)
Lin Wang, LAWA
Luis Amezcua, Building Decarbonation Coalition
Mark Abramowitz, Community Environmental Services
Patricio Portillo, Natural Resources Defense Council (NRDC)
Julia Lester, Ramboll
Resa Barillas, California Environmental Voters
Rynda Kay, U.S. EPA, Region 9
Sam Pournazeri, CARB
Scott King, CARB
Scott Weaver, Ramboll
Sylvia Vanderspek, CARB
Teja Ganapa, Los Angeles Department of Water and Power (LADWP)

Terry Ahn, Orange County Sanitation District
Timothy French, Chicago Law Partners LLC
Tyler Harris, Ventura County APCD
Xico Manarolla, Clean Power Alliance (CPA)

South Coast AQMD Staff Present (34)

Brian Choe, Program Supervisor
Carol Gomez, Planning and Rules Manager
Cui Ge, Ph.D., AQ Specialist
Elliott Popel, AQ Specialist
Eric Praske, Ph.D., AQ Specialist
Eugene Kang, Program Supervisor
Gary Quinn, Program Supervisor
Ian MacMillan, Assistant Deputy Executive Officer
Jong Hoon Lee, Ph.D., AQ Specialist
Josephine Lee, Senior Deputy District Counsel
Kalam Cheung, Ph.D., Program Supervisor
Kathryn Roberts, Deputy District Counsel II
Kayla Jordan, Assistant AQ Specialist
Lane Garcia, Program Supervisor
Laurence Brown, AQ Specialist
Marc Carreras Sospedra, Ph.D., AQ Specialist
Mary Reichert, Senior Deputy District Counsel
Mei Wang, Program Supervisor
Michael Krause, Planning and Rules Manager
Nico Schulte, Ph.D., AQ Specialist
Paul Wright, Senior Information Technology Specialist
Ricky Lai, AQ Specialist
Rosalee Mason, Secretary
Ross Zelen, Assistant to Board Member Kracov
Rui Zhang, Ph.D., AQ Specialist
Sang-Mi Lee, Ph.D., Program Supervisor
Sarah Rees, Ph.D., Deputy Executive Officer
Scott Epstein, Ph.D., Program Supervisor
Sheri Hanizavareh, Senior Deputy District Counsel
Veera Tyagi, Principal Deputy District Counsel
Wei Li, Ph.D., AQ Specialist
Xiang Li, Ph.D., AQ Specialist
Xinqiu Zhang, Ph.D., Senior Staff Specialist
Zorik Pirveysian, Planning and Rules Manager

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
General Counsel's Office**

Settlement Penalty Report (12/01/2021 - 12/31/2021)

Total Penalties

Civil Settlement: \$613,664.00
Criminal Referral Settlement: \$9,646.36
MSPAP Settlement: \$21,011.00
Hearing Board Settlement: \$20,000.00

Total Cash Settlements: \$664,321.36

Fiscal Year through 12/31/2021 Cash Total : \$2,268,534.35

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
189870	BAJA RANCH MARKET #5	1415.1	12/16/2021	JL	P66965	\$3,500.00
47771	DELEO CLAY TILE CO INC	2012	12/29/2021	VT	P68309	\$500.00
170682	LOAN DEPOT	2202	12/29/2021	RL	P64782	\$28,500.00
177219	PROLOGIS	403	12/29/2021	SH	P64770	\$1,750.00
189622	READY SEAL, INCORPORATION	314, 1113	12/03/2021	WW	P66963	\$566,664.00
800113	ROHR, INC.	2004	12/29/2021	DH	P64388	\$3,500.00
134013	SIMAAN SERVICES/ VALLERO	203(b), 461, H&S 41960.2	12/29/2021	SP	P67681, P67692	\$250.00
800128	SO CAL GAS CO	1110.2, 3002(C)(1)	12/15/2021	NS	P67925	\$5,000.00
164237	USA COLLISION CENTER	203, 1151	12/16/2021	DH	P68258, P68708	\$4,000.00
Total Civil Settlements: \$613,664.00						
Criminal Referral						
164111	COASTAL RISK MANAGEMENT INC	1403	12/30/2021	GV	P69409	\$4,709.92
188909	SYSTEM 1 INTERIORS	1403, 40 CFR 61.145	12/30/2021	GV	P66480	\$4,936.44
Total Criminal Referral Settlements: \$9,646.36						

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Hearing Board						
104234	SCAQMD v. Mission Foods	1153.1, 1303, 202, 203(b)	12/29/2021	KCM	5400-4	\$20,000.00
Total Hearing Board Settlements: \$20,000.00						
MSPAP						
147565	ANB GAS MART#1, TRISHA ENT. INC.	203(b)	12/14/2021	GC	P66384	\$810.00
139541	AT CORPORATION	461, H&S 41960.2	12/29/2021	GC	P66388	\$553.00
168901	AUTOCRAFT ON SANTA MONICA	1151(e)(1)	12/14/2021	TCF	P66821	\$800.00
9366	BACHEM INC.	203	12/14/2021	GC	P50746	\$680.00
156561	BLESS AUTO COLLISION	1151(e)(1)	12/29/2021	GC	P65220	\$400.00
122538	CHEVRON PRODUCTS CO, STATION #91733	461, H&S 41960.2	12/29/2021	GC	P66018	\$750.00
162374	CITY OF DUARTE	203(b)	12/29/2021	GC	P66564	\$1,200.00
191621	COASTLINE DEVELOPMENT INC	1403, 40 CFR 61.145	12/29/2021	GC	P65532, P65533	\$1,600.00
171206	CORONA AIR PAINT, NORBERTO SEIDE	203(b), 1171	12/14/2021	TCF	P65389	\$1,600.00
134828	FERNANDO'S BODY SHOP, FERNANDO GONZALEZ	1151, 1171	12/29/2021	GC	P68512	\$800.00
181514	H & H GASOLINE	203(b), 461	12/29/2021	GC	P69602	\$1,200.00
100758	HARBOR CLEANERS	1402	12/15/2021	GC	P65654	\$640.00
23401	HOOD MFG INC	3002(c)(1)	12/15/2021	GC	P68904	\$850.00
175427	KAZI ASSOCIATES, INC.	203(a), 461	12/29/2021	GC	P69027	\$728.00
149722	MATRIX ENVIRONMENTAL, INC	1403	12/15/2021	TCF	P69445	\$500.00
189508	OTO CUSTOMS AUTOBODY AND PAINT	1151(e)(1)	12/29/2021	TCF	P65074	\$1,000.00
154633	RAAM INC DBA CYPRESS UNION	461	12/15/2021	GC	P68140	\$300.00
179544	SUNOIL RETAIL GROUP INC	203(A), 461(E)(2)	12/29/2021	TCF	P70165, P70172	\$4,000.00
152974	UNITED EXCAVATION	403	12/29/2021	TCF	P68644	\$1,000.00
170210	UNITED HEALTHCARE/JONES LANG LASALLE	1415	12/15/2021	TCF	P63892	\$1,600.00
Total MSPAP Settlements: \$21,011.00						

**SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX
FOR DECEMBER 2021 PENALTY REPORT**

REGULATION II - PERMITS

- Rule 202 Temporary Permit to Operate
- Rule 203 Permit to Operate

REGULATION III - FEES

- Rule 314 Fees for Architectural Coatings

REGULATION IV - PROHIBITIONS

- Rule 403 Fugitive Dust
- Rule 461 Gasoline Transfer and Dispensing

REGULATION XI - SOURCE SPECIFIC STANDARDS

- Rule 1110.2 Emissions from Gaseous- and Liquid-Fueled Internal Combustion Engines
- Rule 1113 Architectural Coatings
- Rule 1151 Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations
- Rule 1153.1 Emissions of Oxides of Nitrogen from Commercial Food Ovens
- Rule 1171 Solvent Cleaning Operations

REGULATION XIII - NEW SOURCE REVIEW

- Rule 1303 Requirements

REGULATION XIV - TOXICS

- Rule 1402 Control of Toxic Air Contaminants from Existing Sources
- Rule 1403 Asbestos Emissions from Demolition/Renovation Activities
- Rule 1415 Reduction of Refrigerant Emissions from Stationary Refrigeration and Air Conditioning Systems
- Rule 1415.1 Reduction of Refrigerant Emissions from Stationary Refrigeration Systems

REGULATION XX REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

- Rule 2004 Requirements
- Rule 2012 Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions

REGULATION XXII ON-ROAD MOTOR VEHICLE MITIGATION

- Rule 2202 On-Road Motor Vehicle Mitigation Options

REGULATION XXX - TITLE V PERMITS

Rule 3002 Requirements for Title V Permits

CALIFORNIA HEALTH AND SAFETY CODE

41960.2 Gasoline Vapor Recovery

CODE OF FEDERAL REGULATIONS

40 CFR 61.145 Standard for Demolition and Renovation

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 22

REPORT: Mobile Source Air Pollution Reduction Review Committee

SYNOPSIS: The Mobile Source Air Pollution Reduction Review Committee held a meeting remotely on Thursday, January 20, 2022. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Ben J. Benoit
South Coast AQMD Representative
to MSRC

MMM:AK:CR:av

FYs 2018-21 Work Program

Last Mile Freight Program

The Last Mile component of the MSRC's Regional Goods Movement Program focuses on reducing emissions from transportation of goods following departure from distribution centers. In August 2020, the MSRC approved a sole-source contract award to SCAG in an amount not to exceed \$10,000,000 to implement the Last Mile Freight Program (LMFP) on behalf of the MSRC. Contract #MS21005 was executed to effectuate the award, and in November 2021, the MSRC approved SCAG's proposed project list awarding the original \$10,000,000 to 26 projects across the region.

Fourteen other projects were included on a contingency list of projects should more funding be made available. The MSRC provided guidance to SCAG staff to work with the MSRC staff and the MSRC-TAC (TAC) Last Mile Subcommittee to revisit the contingency list of projects. The TAC Last Mile Subcommittee and the TAC reviewed SCAG's proposed funding strategy and recommended approval of a \$6,751,000 increase to existing Contract #MS21005 with SCAG as part of the FYs 2018-21 Work Program, to support six additional zero emission LMFP projects which will also meet the Program's geographic and small business guidelines. The funding will support the deployment of a total of 135 vehicles and supporting charging infrastructure. The

MSRC considered and approved the recommended \$6,751,000 award.

FYs 2021-24 Work Program

The first two Work Program Development Subcommittees, Goods Movement and Innovative Transportation, have been formed and are conducting their initial meetings. The TAC will hear any updates available from the Subcommittees and continue to discuss ideas related to potential project categories under the FYs 2021-24 Work Program.

Contract Modification Request

The MSRC considered one contract modification request and took the following action:

- Long Beach Transit, Contract #MS16121, approval of a 24-month term extension which provides \$600,000 to repower 39 buses and purchase one new bus with a near-zero emission engine.

Contracts Administrator's Report

The MSRC AB 2766 Contracts Administrator's report provides a written status report on all open contracts from FY 2007-08 to the present. The Contracts Administrator's Report for December 2, 2021 through January 5, 2022 is attached (*Attachment 1*).

Attachment

December 2, 2021 through January 5, 2022 Contracts Administrator's Report

MSRC Agenda Item No. 3

DATE: January 20, 2022

FROM: Cynthia Ravenstein

SUBJECT: AB 2766 Contracts Administrator's Report

SYNOPSIS: This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from December 2, 2021 to January 5, 2022.

RECOMMENDATION: Receive and file report

WORK PROGRAM IMPACT: None

Contract Execution Status

2018-21 Work Program

On April 5, 2019, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is executed.

On September 6, 2019, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is executed.

On December 6, 2019, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is executed.

On September 4, 2020, the SCAQMD Governing Board approved an award under the Last Mile component of the MSRC's Regional Goods Movement Program. This contract is executed.

On April 2, 2021, the SCAQMD Governing Board approved five awards under the Zero and Near-Zero Emission Cargo Handling Equipment at Warehouse, Distribution and Intermodal Facilities in Riverside and San Bernardino Counties Program and ten awards under the Zero and Near-Zero Emission Trucking to Warehouse, Distribution and Intermodal Facilities in Riverside and San Bernardino Counties Program. These contracts are under development, undergoing internal review, with the prospective contractor for signature, or executed.

On June 4, 2021, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is undergoing internal review.

Work Program Status

Contract Status Reports for Work Program years with open and/or pending contracts are attached.

FY 2010-11 Work Program Contracts

One contract from this Work Program year is open; and 2 are in “Open/Complete” status, having completed all obligations except operations. One contract closed during this period: City of South Pasadena, Contract #ML11040 – Purchase One Heavy-Duty Natural Gas Vehicle.

FY 2010-11 Invoices Paid

No invoices were paid during this period.

FY 2011-12 Work Program Contracts

4 contracts from this Work Program year are open, and 7 are in “Open/Complete” status.

FY 2011-12 Invoices Paid

No invoices were paid during this period.

FYs 2012-14 Work Program Contracts

7 contracts from this Work Program year are open, and 18 are in “Open/Complete” status. One contract moved into “Open/Complete” status during this period: Hacienda La Puente Unified School District, Contract #MS14083 – Install New Limited Access CNG Station. 2 contracts closed during this period: City of Rancho Cucamonga, Contract #ML14032 – Expand Existing CNG Infrastructure, Install Bicycle Lockers, and Procure One Heavy-Duty CNG Vehicle; and County of Los Angeles Internal Services Department, Contract #ML14097 – Install Electric Vehicle Charging Infrastructure.

FYs 2012-14 Invoices Paid

No invoices were paid during this period.

FYs 2014-16 Work Program Contracts

25 contracts from this Work Program year are open, and 31 are in “Open/Complete” status. One contract passed into “Open/Complete” status during this period: City of Moreno Valley, Contract #ML16041 – Install Electric Vehicle Charging Infrastructure. 2 contracts closed during this period: City of Banning, Contract #ML16023 – Purchase One Heavy-Duty Natural Gas Vehicle; and City of Palm Desert, Contract #ML16072 – Install Electric Vehicle Charging Infrastructure.

FYs 2014-16 Invoices Paid

3 invoices totaling \$105,500.00 were paid during this period.

FYs 2016-18 Work Program Contracts

83 contracts from this Work Program year are open, and 54 are in “Open/Complete” status. One contract closed during this period: City of Signal Hill, Contract #ML18021 – Install EV Charging Infrastructure.

FYs 2016-18 Invoices Paid

3 invoices totaling \$1,138,884.93 were paid during this period.

FYs 2018-21 Work Program Contracts

9 contracts from this Work Program year are open.

FYs 2018-21 Invoices Paid

2 invoices totaling \$4,330.15 were paid during this period.

Administrative Scope Changes

One administrative scope change was initiated during the period from December 2, 2021 to January 5, 2022:

- City of Indio, Contract #ML18161 (Procure One ZEV and One Heavy-Duty Near-ZEV and Install EV Charging Infrastructure) – Eliminate tasks and funding associated with near-zero emission vehicle and reduce value from \$50,000 to \$25,000

Attachments

- FY 2007-08 through FYs 2018-21 (except FY 2009-10) Contract Status Reports



AB2766 Discretionary Fund Program Invoices

December 2, 2021 to January 5, 2022

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2014-2016 Work Program</i>							
12/21/2021	1/6/2022	1/11/2022	1/13/2022	MS16121	Long Beach Transit	6	\$57,000.00
12/2/2021	12/14/2021	12/14/2021	12/21/2021	ML16041	City of Moreno Valley	VU-MSRC-00	\$20,000.00
12/3/2021	12/14/2021	12/14/2021	12/21/2021	MS16121	Long Beach Transit	5	\$28,500.00
Total: \$105,500.00							
<i>2016-2018 Work Program</i>							
12/29/2021	1/6/2022	1/7/2022		MS18002	Southern California Association of Governments	MS18002-08	\$1,102,911.17
12/16/2021	1/6/2022	1/7/2022		MS18023	Riverside County Transportation Commission	02798	\$17,853.30
12/7/2021	12/14/2021	12/14/2021	12/21/2021	ML18055	City of Long Beach	22-001	\$18,120.46
Total: \$1,138,884.93							
<i>2018-2021 Work Program</i>							
12/29/2021	1/6/2022	1/7/2022		MS21002	Better World Group Advisors	WG-MSRC2	\$3,957.15
12/3/2021	12/14/2021	12/15/2021		MS21006	Geographics	21-22629	\$373.00

Total: \$4,330.15

Total This Period: \$1,248,715.08



FYs 2008-09 Through 2018-21 AB2766 Contract Status Report

1/14/2022

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2008-2009 Contracts									
Declined/Cancelled Contracts									
ML09017	County of San Bernardino Public Wo	1/28/2010	7/27/2016		\$200,000.00	\$0.00	8 Nat. Gas Heavy-Duty Vehicles	\$200,000.00	No
ML09018	Los Angeles Department of Water an	7/16/2010	9/15/2012		\$850,000.00	\$0.00	Retrofit 85 Off-Road Vehicles w/DECS	\$850,000.00	No
ML09019	City of San Juan Capistrano Public	12/4/2009	11/3/2010		\$10,125.00	\$0.00	Remote Vehicle Diagnostics/45 Vehicles	\$10,125.00	No
ML09022	Los Angeles County Department of P				\$8,250.00	\$0.00	Remote Vehicle Diagnostics/15 Vehicles	\$8,250.00	No
ML09025	Los Angeles County Department of P	10/15/2010	12/14/2012	6/14/2013	\$50,000.00	\$0.00	Remote Vehicle Diagnostics/85 Vehicles	\$50,000.00	No
ML09028	Riverside County Waste Manageme				\$140,000.00	\$0.00	Retrofit 7 Off-Road Vehicles w/DECS	\$140,000.00	No
ML09039	City of Inglewood				\$310,000.00	\$0.00	Purchase 12 H.D. CNG Vehicles and Remot	\$310,000.00	No
ML09040	City of Cathedral City				\$83,125.00	\$0.00	Purchase 3 H.D. CNG Vehicles and Remote	\$83,125.00	No
ML09044	City of San Dimas				\$425,000.00	\$0.00	Install CNG Station and Purchase 1 CNG S	\$425,000.00	No
ML09045	City of Orange				\$125,000.00	\$0.00	Purchase 5 CNG Sweepers	\$125,000.00	No
Total: 10									
Closed Contracts									
ML09007	City of Rancho Cucamonga	2/26/2010	4/25/2012		\$117,500.00	\$62,452.57	Maintenance Facility Modification	\$55,047.43	Yes
ML09008	City of Culver City Transportation De	1/19/2010	7/18/2016	7/18/2017	\$175,000.00	\$175,000.00	8 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09009	City of South Pasadena	11/5/2010	12/4/2016	3/4/2019	\$125,930.00	\$125,930.00	CNG Station Expansion	\$0.00	Yes
ML09010	City of Palm Springs	1/8/2010	2/7/2016		\$25,000.00	\$25,000.00	1 Nat. Gas Heavy-Duty Vehicle	\$0.00	Yes
ML09011	City of San Bernardino	2/19/2010	5/18/2016		\$250,000.00	\$250,000.00	10 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09012	City of Gardena	3/12/2010	11/11/2015		\$25,000.00	\$25,000.00	1 Nat. Gas Heavy-Duty Vehicle	\$0.00	Yes
ML09013	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$144,470.00	\$128,116.75	Traffic Signal Synchr./Moreno Valley	\$16,353.25	Yes
ML09014	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$113,030.00	\$108,495.94	Traffic Signal Synchr./Corona	\$4,534.06	Yes
ML09015	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$80,060.00	\$79,778.52	Traffic Signal Synchr./Co. of Riverside	\$281.48	Yes
ML09016	County of San Bernardino Public Wo	1/28/2010	3/27/2014		\$50,000.00	\$50,000.00	Install New CNG Station	\$0.00	Yes
ML09020	County of San Bernardino	8/16/2010	2/15/2012		\$49,770.00	\$49,770.00	Remote Vehicle Diagnostics/252 Vehicles	\$0.00	Yes
ML09021	City of Palm Desert	7/9/2010	3/8/2012		\$39,450.00	\$38,248.87	Traffic Signal Synchr./Rancho Mirage	\$1,201.13	Yes
ML09023	Los Angeles County Department of P	12/10/2010	12/9/2017		\$50,000.00	\$50,000.00	2 Heavy-Duty Alternative Fuel Transit Vehicl	\$0.00	Yes
ML09026	Los Angeles County Department of P	10/15/2010	10/14/2017	4/14/2019	\$150,000.00	\$80,411.18	3 Off-Road Vehicles Repowers	\$69,588.82	Yes
ML09027	Los Angeles County Department of P	7/23/2010	3/22/2012	6/22/2012	\$150,000.00	\$150,000.00	Freeway Detector Map Interface	\$0.00	Yes
ML09029	City of Whittier	11/6/2009	4/5/2016		\$25,000.00	\$25,000.00	1 Nat. Gas Heavy-Duty Vehicle	\$0.00	Yes
ML09030	City of Los Angeles GSD/Fleet Servi	6/18/2010	6/17/2011		\$22,310.00	\$22,310.00	Remote Vehicle Diagnostics/107 Vehicles	\$0.00	Yes
ML09031	City of Los Angeles Dept of General	10/29/2010	10/28/2017		\$825,000.00	\$825,000.00	33 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09032	Los Angeles World Airports	4/8/2011	4/7/2018		\$175,000.00	\$175,000.00	7 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML09033	City of Beverly Hills	3/4/2011	5/3/2017	1/3/2019	\$550,000.00	\$550,000.00	10 Nat. Gas Heavy-Duty Vehicles & CNG St	\$0.00	Yes
ML09034	City of La Palma	11/25/2009	6/24/2015		\$25,000.00	\$25,000.00	1 LPG Heavy-Duty Vehicle	\$0.00	Yes
ML09035	City of Fullerton	6/17/2010	6/16/2017	6/16/2018	\$450,000.00	\$450,000.00	2 Heavy-Duty CNG Vehicles & Install CNG	\$0.00	Yes
ML09037	City of Redondo Beach	6/18/2010	6/17/2016		\$50,000.00	\$50,000.00	Purchase Two CNG Sweepers	\$0.00	Yes
ML09038	City of Chino	9/27/2010	5/26/2017		\$250,000.00	\$250,000.00	Upgrade Existing CNG Station	\$0.00	Yes
ML09041	City of Los Angeles, Bureau of Sanit	10/1/2010	9/30/2017		\$875,000.00	\$875,000.00	Purchase 35 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML09042	Los Angeles Department of Water an	12/10/2010	12/9/2017		\$1,400,000.00	\$1,400,000.00	Purchase 56 Dump Trucks	\$0.00	Yes
ML09043	City of Covina	10/8/2010	4/7/2017	10/7/2018	\$179,591.00	\$179,591.00	Upgrade Existing CNG Station	\$0.00	Yes
ML09046	City of Newport Beach	5/20/2010	5/19/2016		\$162,500.00	\$162,500.00	Upgrade Existing CNG Station, Maintenance	\$0.00	Yes
ML09047	Los Angeles County Department of P	8/13/2014	8/12/2015	11/12/2015	\$400,000.00	\$272,924.53	Maintenance Facility Modifications	\$127,075.47	Yes

Total: 29

Closed/Incomplete Contracts

ML09024	Los Angeles County Department of P	10/15/2010	12/14/2012	6/14/2013	\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No
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Total: 1

Open/Complete Contracts

ML09036	City of Long Beach	5/7/2010	5/6/2017	11/6/2022	\$875,000.00	\$875,000.00	Purchase 35 Natural Gas Refuse Trucks	\$0.00	Yes
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Total: 1

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2010-2011 Contracts									
Open Contracts									
ML11029	City of Santa Ana	9/7/2012	3/6/2020	3/6/2023	\$262,500.00	\$75,000.00	Expansion of Existing CNG Station, Install N	\$187,500.00	No
Total: 1									
Declined/Cancelled Contracts									
ML11038	City of Santa Monica	5/18/2012	7/17/2018		\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No
MS11013	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Huntington Beach	\$150,000.00	No
MS11014	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Santa Ana	\$150,000.00	No
MS11015	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Inglewood	\$150,000.00	No
MS11046	Luis Castro				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11047	Ivan Borjas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11048	Phase II Transportation				\$1,080,000.00	\$0.00	Repower 27 Heavy-Duty Vehicles	\$1,080,000.00	No
MS11049	Ruben Caceras				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11050	Carlos Arrue				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11051	Francisco Vargas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11053	Jose Ivan Soltero				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11054	Albino Meza				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11059	Go Natural Gas				\$150,000.00	\$0.00	New Public Access CNG Station - Paramou	\$150,000.00	No
MS11063	Standard Concrete Products				\$310,825.00	\$0.00	Retrofit Two Off-Road Vehicles under Showc	\$310,825.00	No
MS11070	American Honda Motor Company				\$100,000.00	\$0.00	Expansion of Existing CNG Station	\$100,000.00	No
MS11072	Trillium USA Company DBA Californi				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS11077	DCL America Inc.				\$263,107.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$263,107.00	No
MS11083	Cattrac Construction, Inc.				\$500,000.00	\$0.00	Install DECS on Eight Off-Road Vehicles	\$500,000.00	No
MS11084	Ivanhoe Energy Services and Develo				\$66,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$66,750.00	No
MS11088	Diesel Emission Technologies				\$32,750.00	\$0.00	Retrofit Three H.D. Off-Road Vehicles Under	\$32,750.00	No
MS11089	Diesel Emission Technologies				\$9,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$9,750.00	No
MS11090	Diesel Emission Technologies				\$14,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$14,750.00	No
Total: 22									
Closed Contracts									
ML11007	Coachella Valley Association of Gov	7/29/2011	7/28/2012		\$250,000.00	\$249,999.96	Regional PM10 Street Sweeping Program	\$0.04	Yes
ML11020	City of Indio	2/1/2013	3/31/2019	9/30/2020	\$15,000.00	\$9,749.50	Retrofit one H.D. Vehicles w/DECS, repower	\$5,250.50	Yes
ML11021	City of Whittier	1/27/2012	9/26/2018	6/26/2019	\$210,000.00	\$210,000.00	Purchase 7 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11022	City of Anaheim	3/16/2012	7/15/2018		\$150,000.00	\$150,000.00	Purchase of 5 H.D. Vehicles	\$0.00	Yes
ML11023	City of Rancho Cucamonga	4/20/2012	12/19/2018	9/19/2020	\$260,000.00	\$260,000.00	Expand Existing CNG Station, 2 H.D. Vehicl	\$0.00	Yes
ML11025	County of Los Angeles Department o	3/14/2014	9/13/2021		\$150,000.00	\$150,000.00	Purchase 5 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11026	City of Redlands	3/2/2012	10/1/2018		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML11027	City of Los Angeles, Dept. of General	5/4/2012	7/3/2015	1/3/2016	\$300,000.00	\$300,000.00	Maintenance Facility Modifications	\$0.00	Yes
ML11028	City of Glendale	1/13/2012	5/12/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. CNG Vehicles	\$0.00	Yes
ML11030	City of Fullerton	2/3/2012	3/2/2018		\$109,200.00	\$109,200.00	Purchase 2 Nat. Gas H.D. Vehicles, Retrofit	\$0.00	Yes
ML11031	City of Culver City Transportation De	12/2/2011	12/1/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11032	City of Gardena	3/2/2012	9/1/2018	10/1/2020	\$102,500.00	\$102,500.00	Purchase Heavy-Duty CNG Vehicle, Install S	\$0.00	Yes
ML11033	City of Los Angeles, Bureau of Sanit	3/16/2012	1/15/2019		\$1,080,000.00	\$1,080,000.00	Purchase 36 LNG H.D. Vehicles	\$0.00	Yes
ML11034	City of Los Angeles Dept of General	5/4/2012	1/3/2019		\$630,000.00	\$630,000.00	Purchase 21 H.D. CNG Vehicles	\$0.00	Yes
ML11035	City of La Quinta	11/18/2011	11/17/2012		\$25,368.00	\$25,368.00	Retrofit 3 On-Road Vehicles w/DECS	\$0.00	Yes
ML11036	City of Riverside	1/27/2012	1/26/2019	3/26/2021	\$670,000.00	\$670,000.00	Install New CNG Station, Purchase 9 H.D. N	\$0.00	Yes
ML11037	City of Anaheim	12/22/2012	12/21/2019		\$300,000.00	\$300,000.00	Purchase 12 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11039	City of Ontario, Housing & Municipal	1/27/2012	9/26/2018		\$180,000.00	\$180,000.00	Purchase 6 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11040	City of South Pasadena	5/4/2012	1/3/2019	1/3/2022	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
ML11041	City of Santa Ana	9/7/2012	11/6/2018	1/6/2021	\$265,000.00	\$244,651.86	Purchase 7 LPG H.D. Vehicles, Retrofit 6 H.	\$20,348.14	Yes
ML11042	City of Chino	2/17/2012	4/16/2018		\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle, Repower	\$0.00	Yes
ML11043	City of Hemet Public Works	2/3/2012	2/2/2019		\$60,000.00	\$60,000.00	Purchase 2 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11044	City of Ontario, Housing & Municipal	1/27/2012	6/26/2019		\$400,000.00	\$400,000.00	Expand Existing CNG Station	\$0.00	Yes
ML11045	City of Newport Beach	2/3/2012	8/2/2018	3/2/2021	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
MS11001	Mineral LLC	4/22/2011	4/30/2013	4/30/2015	\$111,827.00	\$103,136.83	Design, Develop, Host and Maintain MSRC	\$8,690.17	Yes
MS11002	A-Z Bus Sales, Inc.	7/15/2011	12/31/2011	6/30/2013	\$1,705,000.00	\$1,705,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11003	BusWest	7/26/2011	12/31/2011	12/31/2012	\$1,305,000.00	\$1,305,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11004	Los Angeles County MTA	9/9/2011	2/29/2012		\$450,000.00	\$299,743.34	Clean Fuel Transit Service to Dodger Stadiu	\$150,256.66	Yes
MS11006	Orange County Transportation Autho	10/7/2011	2/29/2012	8/31/2012	\$268,207.00	\$160,713.00	Metrolink Service to Angel Stadium	\$107,494.00	Yes
MS11008	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11009	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11010	Border Valley Trading	8/26/2011	10/25/2017	4/25/2020	\$150,000.00	\$150,000.00	New LNG Station	\$0.00	Yes
MS11011	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Signal Hill	\$0.00	Yes
MS11012	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Buena Park	\$0.00	Yes
MS11016	CR&R Incorporated	4/12/2013	10/11/2019		\$100,000.00	\$100,000.00	New CNG Station - Perris	\$0.00	Yes
MS11017	CR&R, Inc.	3/2/2012	2/1/2018		\$100,000.00	\$100,000.00	Expansion of existing station - Garden Grove	\$0.00	Yes
MS11018	Orange County Transportation Autho	10/14/2011	1/31/2012		\$211,360.00	\$211,360.00	Express Bus Service to Orange County Fair	\$0.00	Yes
MS11019	City of Corona	11/29/2012	4/28/2020		\$225,000.00	\$225,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11052	Krisda Inc	9/27/2012	6/26/2013		\$120,000.00	\$120,000.00	Repower Three Heavy-Duty Vehicles	\$0.00	Yes
MS11055	KEC Engineering	2/3/2012	8/2/2018	8/2/2019	\$200,000.00	\$200,000.00	Repower 5 H.D. Off-Road Vehicles	\$0.00	Yes
MS11056	Better World Group Advisors	12/30/2011	12/29/2013	12/29/2015	\$206,836.00	\$186,953.46	Programmatic Outreach Services	\$19,882.54	Yes
MS11057	Riverside County Transportation Co	7/28/2012	3/27/2013		\$100,000.00	\$89,159.40	Develop and Implement 511 "Smart Phone"	\$10,840.60	Yes
MS11058	L A Service Authority for Freeway E	5/31/2013	4/30/2014		\$123,395.00	\$123,395.00	Implement 511 "Smart Phone" Application	\$0.00	Yes
MS11060	Rowland Unified School District	8/17/2012	1/16/2019	1/16/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS11061	Eastern Municipal Water District	3/29/2012	5/28/2015		\$11,659.00	\$1,450.00	Retrofit One Off-Road Vehicle under Showc	\$10,209.00	Yes
MS11062	Load Center	9/7/2012	1/6/2016	12/6/2016	\$175,384.00	\$169,883.00	Retrofit Six Off-Road Vehicles under Showc	\$5,501.00	Yes
MS11065	Temecula Valley Unified School Distr	8/11/2012	1/10/2019		\$50,000.00	\$48,539.62	Expansion of Existing CNG Station	\$1,460.38	Yes
MS11066	Torrance Unified School District	11/19/2012	9/18/2018		\$42,296.00	\$42,296.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11067	City of Redlands	5/24/2012	11/23/2018	11/23/2019	\$85,000.00	\$85,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11068	Ryder System Inc.	7/28/2012	10/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Fontana)	\$0.00	Yes
MS11069	Ryder System Inc.	7/28/2012	8/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Orange)	\$0.00	Yes
MS11071	City of Torrance Transit Department	12/22/2012	1/21/2019	1/21/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11074	SunLine Transit Agency	5/11/2012	7/31/2012		\$41,849.00	\$22,391.00	Transit Service for Coachella Valley Festival	\$19,458.00	Yes
MS11079	Bear Valley Unified School District	2/5/2013	10/4/2019		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11080	Southern California Regional Rail Aut	4/6/2012	7/31/2012		\$26,000.00	\$26,000.00	Metrolink Service to Auto Club Speedway	\$0.00	Yes
MS11086	DCL America Inc.	6/7/2013	10/6/2016		\$500,000.00	\$359,076.96	Retrofit Eight H.D. Off-Road Vehicles Under	\$140,923.04	Yes
MS11087	Cemex Construction Material Pacific,	10/16/2012	2/15/2016		\$448,766.00	\$448,760.80	Retrofit 13 H.D. Off-Road Vehicles Under Sh	\$5.20	Yes
MS11092	Griffith Company	2/15/2013	6/14/2016	12/14/2017	\$390,521.00	\$78,750.00	Retrofit 17 H.D. Off-Road Vehicles Under Sh	\$311,771.00	Yes

Total: 58

Closed/Incomplete Contracts

MS11064	City of Hawthorne	7/28/2012	8/27/2018	8/27/2019	\$175,000.00	\$0.00	New Limited Access CNG Station	\$175,000.00	No
MS11076	SA Recycling, LLC	5/24/2012	9/23/2015		\$424,801.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$424,801.00	No
MS11081	Metropolitan Stevedore Company	9/7/2012	1/6/2016		\$45,416.00	\$0.00	Install DECS on Two Off-Road Vehicles	\$45,416.00	No
MS11082	Baumot North America, LLC	8/2/2012	12/1/2015		\$65,958.00	\$4,350.00	Install DECS on Four Off-Road Vehicles	\$61,608.00	Yes
MS11085	City of Long Beach	8/23/2013	12/22/2016		\$159,012.00	\$0.00	Retrofit Seven H.D. Off-Road Vehicles Unde	\$159,012.00	No
MS11091	California Cartage Company, LLC	4/5/2013	8/4/2016	2/4/2018	\$55,000.00	\$0.00	Retrofit Two H.D. Off-Road Vehicles Under	\$55,000.00	No

Total: 6

Open/Complete Contracts

ML11024	County of Los Angeles, Dept of Publi	12/5/2014	6/4/2022		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes
MS11073	Los Angeles Unified School District	9/11/2015	2/10/2022		\$175,000.00	\$175,000.00	Expansion of Existing CNG Station	\$0.00	Yes

Total: 2

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2011-2012 Contracts									
Open Contracts									
ML12014	City of Santa Ana	11/8/2013	8/7/2020	2/7/2022	\$338,000.00	\$4,709.00	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$333,291.00	No
ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	12/13/2026	\$400,000.00	\$0.00	Install New CNG Station	\$400,000.00	No
ML12090	City of Palm Springs	10/9/2015	10/8/2021	9/8/2025	\$21,163.00	\$0.00	EV Charging Infrastructure	\$21,163.00	No
ML12091	City of Bellflower	10/5/2018	10/4/2019	6/30/2022	\$100,000.00	\$34,759.94	EV Charging Infrastructure	\$65,240.06	No
Total: 4									
Declined/Cancelled Contracts									
ML12016	City of Cathedral City	1/4/2013	10/3/2019		\$60,000.00	\$0.00	CNG Vehicle & Electric Vehicle Infrastructure	\$60,000.00	No
ML12038	City of Long Beach Public Works				\$26,000.00	\$0.00	Electric Vehicle Charging Infrastructure	\$26,000.00	No
ML12040	City of Duarte				\$30,000.00	\$0.00	One Heavy-Duty Nat. Gas Vehicle	\$30,000.00	No
ML12044	County of San Bernardino Public Wo				\$250,000.00	\$0.00	Install New CNG Station	\$250,000.00	No
ML12048	City of La Palma	1/4/2013	11/3/2018		\$20,000.00	\$0.00	Two Medium-Duty LPG Vehicles	\$20,000.00	No
ML12052	City of Whittier	3/14/2013	7/13/2019		\$165,000.00	\$0.00	Expansion of Existing CNG Station	\$165,000.00	No
ML12053	City of Mission Viejo				\$60,000.00	\$0.00	EV Charging Infrastructure	\$60,000.00	No
MS12007	WestAir Gases & Equipment				\$100,000.00	\$0.00	Construct New Limited-Access CNG Station	\$100,000.00	No
MS12027	C.V. Ice Company, Inc.	5/17/2013	11/16/2019		\$75,000.00	\$0.00	Purchase 3 Medium-Heavy Duty Vehicles	\$75,000.00	No
MS12030	Complete Landscape Care, Inc.				\$150,000.00	\$0.00	Purchase 6 Medium-Heavy Duty Vehicles	\$150,000.00	No
MS12067	Leatherwood Construction, Inc.	11/8/2013	3/7/2017		\$122,719.00	\$0.00	Retrofit Six Vehicles w/DECS - Showcase III	\$122,719.00	No
MS12070	Valley Music Travel/CID Entertainme				\$99,000.00	\$0.00	Implement Shuttle Service to Coachella Mus	\$99,000.00	No
Total: 12									
Closed Contracts									
ML12013	City of Pasadena	10/19/2012	3/18/2015	9/18/2015	\$200,000.00	\$65,065.00	Electric Vehicle Charging Infrastructure	\$134,935.00	Yes
ML12015	City of Fullerton	4/25/2013	11/24/2020	11/24/2021	\$40,000.00	\$40,000.00	HD CNG Vehicle, Expand CNG Station	\$0.00	Yes
ML12017	City of Los Angeles, Bureau of Sanit	6/26/2013	5/25/2020	11/25/2021	\$950,000.00	\$950,000.00	32 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12019	City of Palm Springs	9/6/2013	7/5/2015		\$38,000.00	\$16,837.00	EV Charging Infrastructure	\$21,163.00	Yes
ML12020	City of Los Angeles Dept of General	9/27/2012	3/26/2019	3/26/2020	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12021	City of Rancho Cucamonga	9/14/2012	1/13/2020		\$40,000.00	\$40,000.00	Four Medium-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12022	City of La Puente	12/6/2013	6/5/2020		\$110,000.00	\$110,000.00	2 Medium-Duty and Three Heavy-Duty CNG	\$0.00	Yes
ML12023	County of Los Angeles Internal Servi	8/1/2013	2/28/2015		\$250,000.00	\$192,333.00	EV Charging Infrastructure	\$57,667.00	Yes
ML12037	Coachella Valley Association of Gov	3/14/2013	3/13/2014		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML12039	City of Redlands	2/8/2013	10/7/2019		\$90,000.00	\$90,000.00	Three Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12041	City of Anaheim Public Utilities Depa	4/4/2014	11/3/2015	11/3/2017	\$68,977.00	\$38,742.16	EV Charging Infrastructure	\$30,234.84	Yes
ML12042	City of Chino Hills	1/18/2013	3/17/2017		\$87,500.00	\$87,500.00	Expansion of Existing CNG Station	\$0.00	Yes
ML12043	City of Hemet	6/24/2013	9/23/2019	11/23/2021	\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
ML12055	City of Manhattan Beach	3/1/2013	12/31/2018		\$10,000.00	\$10,000.00	One Medium-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger Stadium	\$88,830.00	Yes
MS12002	Orange County Transportation Authority	9/7/2012	4/30/2013		\$342,340.00	\$333,185.13	Express Bus Service to Orange County Fair	\$9,154.87	Yes
MS12003	Orange County Transportation Authority	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadium	\$67,003.88	Yes
MS12004	USA Waste of California, Inc.	10/24/2013	11/23/2019		\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12005	USA Waste of California, Inc.	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12006	Waste Management Collection & Re	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12008	Bonita Unified School District	7/12/2013	12/11/2019	4/11/2021	\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12009	Sysco Food Services of Los Angeles	1/7/2014	4/6/2020		\$150,000.00	\$150,000.00	Construct New Public-Access LNG Station	\$0.00	Yes
MS12010	Murrieta Valley Unified School District	4/5/2013	9/4/2019		\$242,786.00	\$242,786.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12011	Southern California Gas Company	6/14/2013	6/13/2019	5/28/2021	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12012	Rim of the World Unified School District	12/20/2012	5/19/2014		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12024	Southern California Gas Company	6/13/2013	12/12/2019	11/12/2020	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12025	Silverado Stages, Inc.	11/2/2012	7/1/2018		\$150,000.00	\$150,000.00	Purchase Six Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12026	U-Haul Company of California	3/14/2013	3/13/2019		\$500,000.00	\$353,048.26	Purchase 23 Medium-Heavy Duty Vehicles	\$146,951.74	Yes
MS12028	Dy-Dee Service of Pasadena, Inc.	12/22/2012	1/21/2019		\$45,000.00	\$40,000.00	Purchase 2 Medium-Duty and 1 Medium-He	\$5,000.00	Yes
MS12029	Community Action Partnership of Or	11/2/2012	11/1/2018		\$25,000.00	\$14,850.00	Purchase 1 Medium-Heavy Duty Vehicle	\$10,150.00	Yes
MS12031	Final Assembly, Inc.	11/2/2012	11/1/2018		\$50,000.00	\$32,446.00	Purchase 2 Medium-Heavy Duty Vehicles	\$17,554.00	Yes
MS12032	Fox Transportation	12/14/2012	12/13/2018		\$500,000.00	\$500,000.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12033	Mike Diamond/Phace Management	12/22/2012	12/21/2018	6/21/2021	\$148,900.00	\$148,900.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12035	Disneyland Resort	1/4/2013	7/3/2019		\$25,000.00	\$18,900.00	Purchase 1 Medium-Heavy Duty Vehicle	\$6,100.00	Yes
MS12036	Jim & Doug Carter's Automotive/VSP	1/4/2013	11/3/2018		\$50,000.00	\$50,000.00	Purchase 2 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12058	Krisda Inc	4/24/2013	1/23/2019		\$25,000.00	\$25,000.00	Repower One Heavy-Duty Off-Road Vehicle	\$0.00	Yes
MS12059	Orange County Transportation Authority	2/28/2013	12/27/2014		\$75,000.00	\$75,000.00	Maintenance Facilities Modifications	\$0.00	Yes
MS12060	City of Santa Monica	4/4/2014	8/3/2017	8/3/2019	\$500,000.00	\$434,202.57	Implement Westside Bikeshare Program	\$65,797.43	Yes
MS12061	Orange County Transportation Authority	3/14/2014	3/13/2017		\$224,000.00	\$114,240.00	Transit-Oriented Bicycle Sharing Program	\$109,760.00	Yes
MS12062	Fraser Communications	12/7/2012	5/31/2014		\$998,669.00	\$989,218.49	Develop & Implement "Rideshare Thursday"	\$9,450.51	Yes
MS12063	Custom Alloy Light Metals, Inc.	8/16/2013	2/15/2020		\$100,000.00	\$100,000.00	Install New Limited Access CNG Station	\$0.00	Yes
MS12064	Anaheim Transportation Network	3/26/2013	12/31/2014		\$127,296.00	\$56,443.92	Implement Anaheim Circulator Service	\$70,852.08	Yes
MS12065	Orange County Transportation Authority	7/27/2013	11/30/2013		\$43,933.00	\$14,832.93	Ducks Express Service to Honda Center	\$29,100.07	Yes
MS12068	Southern California Regional Rail Authority	3/1/2013	9/30/2013		\$57,363.00	\$47,587.10	Implement Metrolink Service to Autoclub Sp	\$9,775.90	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS12069	City of Irvine	8/11/2013	2/28/2014		\$45,000.00	\$26,649.41	Implement Special Transit Service to Solar	\$18,350.59	Yes
MS12071	Transit Systems Unlimited, Inc.	5/17/2013	12/16/2018		\$21,250.00	\$21,250.00	Expansion of Existing CNG Station	\$0.00	Yes
MS12072	99 Cents Only Stores	4/5/2013	9/4/2019		\$100,000.00	\$100,000.00	Construct New CNG Station	\$0.00	Yes
MS12073	FirstCNG, LLC	7/27/2013	12/26/2019		\$150,000.00	\$150,000.00	Construct New CNG Station	\$0.00	Yes
MS12074	Arcadia Unified School District	7/5/2013	9/4/2019		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12076	City of Ontario, Housing & Municipal	3/8/2013	4/7/2015		\$75,000.00	\$75,000.00	Maintenance Facilities Modification	\$0.00	Yes
MS12078	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$73,107.00	Maintenance Facility Modifications - Vernon	\$1,893.00	Yes
MS12081	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$75,000.00	Maintenance Facility Modifications - Santa A	\$0.00	Yes
MS12085	Bear Valley Unified School District	4/25/2013	6/24/2014		\$75,000.00	\$75,000.00	Maintenance Facility Modifications	\$0.00	Yes
MS12086	SuperShuttle International, Inc.	3/26/2013	3/25/2019		\$225,000.00	\$225,000.00	Purchase 23 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12087	Los Angeles County MTA	8/29/2013	11/28/2015		\$125,000.00	\$125,000.00	Implement Rideshare Incentives Program	\$0.00	Yes
MS12088	Orange County Transportation Autho	12/6/2013	3/5/2016		\$125,000.00	\$18,496.50	Implement Rideshare Incentives Program	\$106,503.50	Yes
MS12089	Riverside County Transportation Co	10/18/2013	9/17/2015		\$249,136.00	\$105,747.48	Implement Rideshare Incentives Program	\$143,388.52	Yes
MS12Hom	Mansfield Gas Equipment Systems				\$296,000.00	\$0.00	Home Refueling Apparatus Incentive Progra	\$296,000.00	Yes

Total: 65

Closed/Incomplete Contracts

ML12051	City of Bellflower	2/7/2014	2/6/2016	5/6/2018	\$100,000.00	\$0.00	EV Charging Infrastructure	\$100,000.00	No
MS12077	City of Coachella	6/14/2013	6/13/2020		\$225,000.00	\$0.00	Construct New CNG Station	\$225,000.00	No
MS12079	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$0.00	Maintenance Facility Modifications - Boyle H	\$75,000.00	No
MS12084	Airport Mobil Inc.	12/6/2013	5/5/2020		\$150,000.00	\$0.00	Install New CNG Infrastructure	\$150,000.00	No

Total: 4

Open/Complete Contracts

ML12018	City of West Covina	10/18/2013	10/17/2020	8/17/2023	\$300,000.00	\$300,000.00	Expansion of Existing CNG Station	\$0.00	Yes
ML12057	City of Coachella	8/28/2013	8/27/2019	1/27/2022	\$57,456.00	\$57,456.00	Purchase One Nat. Gas H.D. Vehicle/Street	\$0.00	Yes
MS12034	Ware Disposal Company, Inc.	11/2/2012	11/1/2018	5/1/2022	\$133,070.00	\$133,070.00	Purchase 8 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12075	CR&R Incorporated	7/27/2013	1/26/2021	1/26/2022	\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12080	City of Pasadena	11/8/2013	8/7/2020	2/7/2022	\$225,000.00	\$225,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12082	City of Los Angeles, Bureau of Sanit	11/20/2013	2/19/2021	2/19/2023	\$175,000.00	\$175,000.00	Install New CNG Infrastructure	\$0.00	Yes
MS12083	Brea Olinda Unified School District	7/30/2015	2/29/2024		\$59,454.00	\$59,454.00	Install New CNG Infrastructure	\$0.00	Yes

Total: 7

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2012-2014 Contracts

Open Contracts

ML14012	City of Santa Ana	2/13/2015	10/12/2021	4/12/2022	\$244,000.00	\$0.00	EV Charging and 7 H.D. LPG Vehicles	\$244,000.00	No
ML14021	Riverside County Regional Park and	7/24/2014	12/23/2016	9/30/2024	\$250,000.00	\$0.00	Bicycle Trail Improvements	\$250,000.00	No
ML14027	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	12/1/2025	\$492,000.00	\$0.00	Construct New CNG Station in Canyon Coun	\$492,000.00	No
ML14072	City of Cathedral City	8/13/2014	1/12/2021	7/12/2022	\$41,000.00	\$35,089.03	Install Bicycle Racks & Implement Bicycle E	\$5,910.97	No
MS14057	Los Angeles County MTA	11/7/2014	10/6/2019	10/6/2023	\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14059	Riverside County Transportation Co	9/5/2014	3/4/2018	3/4/2022	\$1,250,000.00	\$899,594.08	Implement Various Signal Synchronization P	\$350,405.92	No
MS14072	San Bernardino County Transportatio	3/27/2015	3/26/2018	3/26/2022	\$1,250,000.00	\$1,023,566.17	Implement Various Signal Synchronization P	\$226,433.83	No

Total: 7

Declined/Cancelled Contracts

ML14063	City of Hawthorne				\$32,000.00	\$0.00	Expansion of Existng CNG Infrastructure	\$32,000.00	No
ML14068	City of South Pasadena	9/12/2014	10/11/2015	1/11/2020	\$10,183.00	\$0.00	Electric Vehicle Charging Infrastructure	\$10,183.00	No
ML14069	City of Beaumont	3/3/2017	3/2/2025		\$200,000.00	\$0.00	Construct New CNG Infrastructure	\$200,000.00	No
MS14035	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Sun Valle	\$75,000.00	No
MS14036	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - La Mirad	\$75,000.00	No
MS14038	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Fontana	\$75,000.00	No
MS14043	City of Anaheim				\$175,000.00	\$0.00	Expansion of Existing CNG Station	\$175,000.00	No
MS14078	American Honda Motor Co., Inc.	9/4/2015	8/3/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS14085	Prologis, L.P.				\$100,000.00	\$0.00	New Limited Access CNG Station	\$100,000.00	No
MS14086	San Gabriel Valley Towing I				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS14091	Serv-Wel Disposal				\$100,000.00	\$0.00	New Limited-Access CNG Infrastructure	\$100,000.00	No

Total: 11

Closed Contracts

ML14010	City of Cathedral City	8/13/2014	10/12/2015		\$25,000.00	\$25,000.00	Street Sweeping Operations	\$0.00	Yes
ML14011	City of Palm Springs	6/13/2014	1/12/2016		\$79,000.00	\$78,627.00	Bicycle Racks, Bicycle Outreach & Educatio	\$373.00	Yes
ML14014	City of Torrance	9/5/2014	12/4/2019		\$56,000.00	\$56,000.00	EV Charging Infrastructure	\$0.00	Yes
ML14015	Coachella Valley Association of Gov	6/6/2014	9/5/2015		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML14016	City of Anaheim	4/3/2015	9/2/2021		\$380,000.00	\$380,000.00	Purchase 2 H.D. Vehicles, Expansion of Exi	\$0.00	Yes
ML14023	County of Los Angeles Department o	10/2/2015	9/1/2017	3/1/2021	\$230,000.00	\$230,000.00	Maintenance Fac. Modifications-Westcheste	\$0.00	Yes
ML14024	County of Los Angeles Department o	10/2/2015	9/1/2017	9/1/2021	\$230,000.00	\$230,000.00	Maintenance Fac. Modifications-Baldwin Par	\$0.00	Yes
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$126,950.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
ML14029	City of Irvine	7/11/2014	6/10/2017		\$90,500.00	\$71,056.78	Bicycle Trail Improvements	\$19,443.22	Yes
ML14030	County of Los Angeles Internal Servi	1/9/2015	3/8/2018	7/30/2021	\$425,000.00	\$216,898.02	Bicycle Racks, Outreach & Education	\$208,101.98	Yes
ML14031	Riverside County Waste Manageme	6/13/2014	12/12/2020		\$90,000.00	\$90,000.00	Purchase 3 H.D. CNG Vehicles	\$0.00	Yes
ML14032	City of Rancho Cucamonga	1/9/2015	1/8/2022		\$113,990.00	\$104,350.63	Expansion of Existing CNG Infras., Bicycle L	\$9,639.37	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML14034	City of Lake Elsinore	9/5/2014	5/4/2021		\$56,700.00	\$56,700.00	EV Charging Stations	\$0.00	Yes
ML14049	City of Moreno Valley	7/11/2014	3/10/2021		\$105,000.00	\$101,976.09	One HD Nat Gas Vehicle, EV Charging, Bicy	\$3,023.91	Yes
ML14051	City of Brea	9/5/2014	1/4/2017	7/4/2018	\$450,000.00	\$450,000.00	Installation of Bicycle Trail	\$0.00	Yes
ML14054	City of Torrance	11/14/2014	4/13/2017	7/13/2017	\$350,000.00	\$319,908.80	Upgrade Maintenance Facility	\$30,091.20	Yes
ML14055	City of Highland	10/10/2014	3/9/2018	3/9/2019	\$500,000.00	\$489,385.24	Bicycle Lanes and Outreach	\$10,614.76	Yes
ML14056	City of Redlands	9/5/2014	5/4/2016	5/4/2018	\$125,000.00	\$125,000.00	Bicycle Lanes	\$0.00	Yes
ML14064	City of Claremont	7/11/2014	7/10/2020	1/10/2021	\$60,000.00	\$60,000.00	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML14065	City of Orange	9/5/2014	8/4/2015		\$10,000.00	\$10,000.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML14070	City of Rancho Cucamonga	9/3/2016	12/2/2018		\$365,245.00	\$326,922.25	Bicycle Trail Improvements	\$38,322.75	Yes
ML14071	City of Manhattan Beach	1/9/2015	11/8/2018		\$22,485.00	\$22,485.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML14094	City of Yucaipa	6/9/2017	6/8/2018		\$84,795.00	\$84,795.00	Installation of Bicycle Lanes	\$0.00	Yes
ML14095	City of South Pasadena	1/10/2019	7/9/2019		\$142,096.00	\$134,182.09	Bicycle Trail Improvements	\$7,913.91	Yes
ML14096	County of Los Angeles Dept of Pub	5/3/2019	12/2/2019	3/2/2020	\$74,186.00	\$74,186.00	San Gabriel BikeTrail Underpass Improveme	\$0.00	Yes
ML14097	County of Los Angeles Internal Servi	9/6/2019	9/5/2020	9/5/2021	\$104,400.00	\$104,400.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS14001	Los Angeles County MTA	3/6/2015	4/30/2015		\$1,216,637.00	\$1,199,512.68	Clean Fuel Transit Service to Dodger Stadiu	\$17,124.32	Yes
MS14002	Orange County Transportation Autho	9/6/2013	4/30/2014		\$576,833.00	\$576,833.00	Clean Fuel Transit Service to Orange Count	\$0.00	Yes
MS14003	Orange County Transportation Autho	8/1/2013	4/30/2014	10/30/2014	\$194,235.00	\$184,523.00	Implement Metrolink Service to Angel Stadiu	\$9,712.00	Yes
MS14004	Orange County Transportation Autho	9/24/2013	4/30/2014		\$36,800.00	\$35,485.23	Implement Express Bus Service to Solar De	\$1,314.77	Yes
MS14005	Transit Systems Unlimited, Inc.	4/11/2014	2/28/2016		\$515,200.00	\$511,520.00	Provide Expanded Shuttle Service to Hollyw	\$3,680.00	Yes
MS14007	Orange County Transportation Autho	6/6/2014	4/30/2015		\$208,520.00	\$189,622.94	Implement Special Metrolink Service to Ang	\$18,897.06	Yes
MS14008	Orange County Transportation Autho	8/13/2014	5/31/2015		\$601,187.00	\$601,187.00	Implement Clean Fuel Bus Service to Orang	\$0.00	Yes
MS14009	A-Z Bus Sales, Inc.	1/17/2014	12/31/2014	3/31/2015	\$388,000.00	\$388,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS14037	Penske Truck Leasing Co., L.P.	4/7/2017	6/6/2020		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Carson	\$0.00	Yes
MS14039	Waste Management Collection and	7/10/2015	4/9/2016		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Irvine	\$0.00	Yes
MS14040	Waste Management Collection and	7/10/2015	4/9/2016		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Santa An	\$0.00	Yes
MS14041	USA Waste of California, Inc.	9/4/2015	10/3/2021		\$175,000.00	\$175,000.00	Limited-Access CNG Station, Vehicle Maint.	\$0.00	Yes
MS14042	Grand Central Recycling & Transfer	6/6/2014	9/5/2021		\$150,000.00	\$150,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS14044	TIMCO CNG Fund I, LLC	5/2/2014	11/1/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Santa A	\$0.00	Yes
MS14045	TIMCO CNG Fund I, LLC	6/6/2014	12/5/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Inglewoo	\$0.00	Yes
MS14047	Southern California Regional Rail Aut	3/7/2014	9/30/2014		\$49,203.00	\$32,067.04	Special Metrolink Service to Autoclub Speed	\$17,135.96	Yes
MS14048	BusWest	3/14/2014	12/31/2014	5/31/2015	\$940,850.00	\$847,850.00	Alternative Fuel School Bus Incentive Progra	\$93,000.00	Yes
MS14052	Arcadia Unified School District	6/13/2014	10/12/2020		\$78,000.00	\$78,000.00	Expansion of an Existing CNG Fueling Statio	\$0.00	Yes
MS14053	Upland Unified School District	1/9/2015	7/8/2021		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14058	Orange County Transportation Autho	11/7/2014	4/6/2016	4/6/2017	\$1,250,000.00	\$1,250,000.00	Implement Various Signal Synchronization P	\$0.00	Yes
MS14073	Anaheim Transportation Network	1/9/2015	4/30/2017		\$221,312.00	\$221,312.00	Anaheim Resort Circulator Service	\$0.00	Yes
MS14074	Midway City Sanitary District	1/9/2015	3/8/2021		\$250,000.00	\$250,000.00	Limited-Access CNG Station & Facility Modif	\$0.00	Yes
MS14077	County Sanitation Districts of L.A. Co	3/6/2015	5/5/2021		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS14081	CR&R Incorporated	6/1/2015	5/30/2021		\$175,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure/Ma	\$75,000.00	Yes
MS14084	US Air Conditioning Distributors	5/7/2015	9/6/2021		\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14087	Orange County Transportation Autho	8/14/2015	4/30/2016		\$239,645.00	\$195,377.88	Implement Special Metrolink Service to Ang	\$44,267.12	Yes
MS14088	Southern California Regional Rail Aut	5/7/2015	9/30/2015		\$79,660.00	\$66,351.44	Special Metrolink Service to Autoclub Speed	\$13,308.56	Yes
MS14089	Top Shelf Consulting, LLC	1/18/2017	8/4/2016	3/31/2017	\$200,000.00	\$200,000.00	Enhanced Fleet Modernization Program	\$0.00	Yes
MS14090	City of Monterey Park	5/7/2015	5/6/2021		\$225,000.00	\$225,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes

Total: 55

Closed/Incomplete Contracts

ML14020	County of Los Angeles Dept of Pub	8/13/2014	1/12/2018		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
ML14050	City of Yucaipa	7/11/2014	9/10/2015	7/1/2016	\$84,795.00	\$0.00	Installation of Bicycle Lanes	\$84,795.00	No
ML14060	County of Los Angeles Internal Servi	10/6/2017	1/5/2019		\$104,400.00	\$0.00	Electric Vehicle Charging Infrastructure	\$104,400.00	No
ML14066	City of South Pasadena	9/12/2014	7/11/2016	2/11/2018	\$142,096.00	\$0.00	Bicycle Trail Improvements	\$142,096.00	No
ML14093	County of Los Angeles Dept of Pub	8/14/2015	1/13/2019		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
MS14092	West Covina Unified School District	9/3/2016	12/2/2022		\$124,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$124,000.00	No

Total: 6

Open/Complete Contracts

ML14013	City of Los Angeles, Bureau of Sanit	10/7/2016	2/6/2025		\$400,000.00	\$400,000.00	Purchase 14 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14018	City of Los Angeles Dept of General	3/6/2015	9/5/2021	2/5/2026	\$810,000.00	\$810,000.00	Purchase 27 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14019	City of Corona Public Works	12/5/2014	6/4/2020	3/6/2023	\$111,518.00	\$111,517.18	EV Charging, Bicycle Racks, Bicycle Locker	\$0.82	Yes
ML14022	County of Los Angeles Department o	10/2/2015	5/1/2022		\$270,000.00	\$270,000.00	Purchase 9 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14025	County of Los Angeles Dept of Publi	10/2/2015	7/1/2018	7/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Malibu	\$0.00	Yes
ML14026	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Castaic	\$0.00	Yes
ML14033	City of Irvine	7/11/2014	2/10/2021	2/10/2022	\$60,000.00	\$60,000.00	Purchase 2 H.D. CNG Vehicles	\$0.00	Yes
ML14061	City of La Habra	3/11/2016	3/10/2022		\$41,600.00	\$41,270.49	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$329.51	Yes
ML14062	City of San Fernando	3/27/2015	5/26/2021	10/31/2023	\$325,679.00	\$325,679.00	Expand Existing CNG Fueling Station	\$0.00	Yes
ML14067	City of Duarte	12/4/2015	1/3/2023	6/3/2024	\$60,000.00	\$60,000.00	Purchase Two Electric Buses	\$0.00	Yes
MS14046	Ontario CNG Station Inc.	5/15/2014	5/14/2020	11/14/2021	\$150,000.00	\$150,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14075	Fullerton Joint Union High School Di	7/22/2016	11/21/2023		\$300,000.00	\$293,442.00	Expansion of Existing CNG Infrastructure/Ma	\$6,558.00	Yes
MS14076	Rialto Unified School District	6/17/2015	2/16/2022	6/25/2023	\$225,000.00	\$225,000.00	New Public Access CNG Station	\$0.00	Yes
MS14079	Waste Resources, Inc.	9/14/2016	8/13/2022	10/13/2024	\$100,000.00	\$100,000.00	New Limited Access CNG Station	\$0.00	Yes
MS14080	CR&R Incorporated	6/1/2015	8/31/2021	8/31/2022	\$200,000.00	\$200,000.00	Expansion of Existing CNG Infrastructure/Ma	\$0.00	Yes
MS14082	Grand Central Recycling & Transfer	12/4/2015	3/3/2023	3/3/2024	\$150,000.00	\$150,000.00	Construct New Public Access CNG Station	\$0.00	Yes
MS14083	Hacienda La Puente Unified School	7/10/2015	3/9/2022	6/9/2023	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes

Total: 17

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2014-2016 Contracts

Open Contracts

ML16006	City of Cathedral City	4/27/2016	4/26/2022		\$25,000.00	\$0.00	Bicycle Outreach	\$25,000.00	No
ML16010	City of Fullerton	10/7/2016	4/6/2023	4/6/2024	\$78,222.00	\$27,896.71	Install EV Charging Stations	\$50,325.29	No
ML16017	City of Long Beach	2/5/2016	8/4/2023	1/4/2026	\$1,445,400.00	\$1,375,400.00	Purchase 50 Medium-Duty, 17 H.D. Nat. Ga	\$70,000.00	No
ML16018	City of Hermosa Beach	10/7/2016	1/6/2023		\$29,520.00	\$23,768.44	Purchase 2 M.D. Nat. Gas Vehicles, Bicycle	\$5,751.56	No
ML16022	Los Angeles Department of Water an	5/5/2017	3/4/2024	9/4/2027	\$360,000.00	\$0.00	Purchase 12 H.D. Nat. Gas Vehicles	\$360,000.00	No
ML16025	City of South Pasadena	6/22/2016	4/21/2023	10/21/2024	\$160,000.00	\$0.00	Purchase H.D. Nat. Gas Vehicle, Expand Exi	\$160,000.00	No
ML16038	City of Palm Springs	4/1/2016	7/31/2022	9/30/2022	\$170,000.00	\$60,000.00	Install Bicycle Lanes & Purchase 2 Heavy-D	\$110,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022	9/5/2023	\$32,000.00	\$0.00	Install EV Charging Infrastructure	\$32,000.00	No
ML16047	City of Fontana	1/6/2017	8/5/2019	8/5/2022	\$500,000.00	\$0.00	Enhance an Existing Class 1 Bikeway	\$500,000.00	No
ML16048	City of Placentia	3/26/2016	5/25/2021	12/25/2026	\$80,000.00	\$18,655.00	Install EV Charging Infrastructure	\$61,345.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2022	\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	No
ML16071	City of Highland	5/5/2017	1/4/2020	1/4/2023	\$264,500.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$264,500.00	No
ML16075	City of San Fernando	10/27/2016	2/26/2019	2/26/2022	\$354,000.00	\$0.00	Install a Class 1 Bikeway	\$354,000.00	No
ML16077	City of Rialto	5/3/2018	10/2/2021	2/2/2026	\$463,216.00	\$158,105.51	Pedestrian Access Improvements, Bicycle L	\$305,110.49	No
ML16083	City of El Monte	4/1/2016	4/30/2021	4/30/2023	\$57,210.00	\$25,375.60	Install EV Charging Infrastructure	\$31,834.40	No
MS16094	Riverside County Transportation Co	1/25/2017	1/24/2022		\$1,909,241.00	\$0.00	MetroLink First Mile/Last Mile Mobility Strate	\$1,909,241.00	No
MS16110	City of Riverside	10/6/2017	2/5/2025	2/5/2026	\$300,000.00	\$71,250.00	Expansion of Existing CNG Station and Main	\$228,750.00	No
MS16115	City of Santa Monica	4/14/2017	7/13/2025		\$870,000.00	\$427,500.00	Repower 58 Transit Buses	\$442,500.00	No
MS16117	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
MS16118	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
MS16119	Omnitrans	4/21/2017	8/20/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS16120	Omnitrans	4/7/2017	5/6/2025		\$945,000.00	\$826,500.00	Repower 63 Existing Buses	\$118,500.00	No
MS16121	Long Beach Transit	11/3/2017	4/2/2024	11/30/2026	\$600,000.00	\$242,250.00	Repower 39 and Purchase 1 New Transit Bu	\$357,750.00	No
MS16123	Orange County Transportation Autho	12/7/2018	11/6/2023		\$91,760.00	\$0.00	Install La Habra Union Pacific Bikeway	\$91,760.00	No
MS16127	Los Angeles County MTA	6/29/2021		6/28/2022	\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	No

Total: 25

Declined/Cancelled Contracts

ML16014	City of Dana Point				\$153,818.00	\$0.00	Extend an Existing Class 1 Bikeway	\$153,818.00	No
ML16065	City of Temple City				\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16067	City of South El Monte				\$73,329.00	\$0.00	Implement an "Open Streets" Event	\$73,329.00	No
ML16074	City of La Verne	7/22/2016	1/21/2023		\$365,000.00	\$0.00	Install CNG Fueling Station	\$365,000.00	No
MS16043	LBA Realty Company LLC				\$100,000.00	\$0.00	Install Limited-Access CNG Station	\$100,000.00	No
MS16080	Riverside County Transportation Co				\$1,200,000.00	\$0.00	Passenger Rail Service for Coachella and St	\$1,200,000.00	No
MS16098	Long Beach Transit				\$198,957.00	\$0.00	Provide Special Bus Service to Stub Hub Ce	\$198,957.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS16104	City of Perris				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16106	City of Lawndale	3/1/2019	11/30/2025		\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16107	Athens Services				\$100,000.00	\$0.00	Construct a Limited-Access CNG Station	\$100,000.00	No
MS16108	VNG 5703 Gage Avenue, LLC				\$150,000.00	\$0.00	Construct Public-Access CNG Station in Bell	\$150,000.00	No
MS16109	Sanitation Districts of Los Angeles C				\$275,000.00	\$0.00	Expansion of an Existing L/CNG Station	\$275,000.00	No
MS16111	VNG 925 Lakeview Avenue, LLC				\$150,000.00	\$0.00	Construct Public Access CNG Station in Pla	\$150,000.00	No

Total: 13

Closed Contracts

ML16009	City of Fountain Valley	10/6/2015	2/5/2018	5/5/2019	\$46,100.00	\$46,100.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$0.00	Yes
ML16020	City of Pomona	4/1/2016	2/1/2018	8/1/2018	\$440,000.00	\$440,000.00	Install Road Surface Bicycle Detection Syste	\$0.00	Yes
ML16023	City of Banning	12/11/2015	12/10/2021		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16026	City of Downey	5/6/2016	9/5/2017		\$40,000.00	\$40,000.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16028	City of Azusa	9/9/2016	4/8/2018		\$25,000.00	\$25,000.00	Enhance Existing Class 1 Bikeway	\$0.00	Yes
ML16031	City of Cathedral City	12/19/2015	2/18/2017		\$25,000.00	\$25,000.00	Street Sweeping in Coachella Valley	\$0.00	Yes
ML16032	City of Azusa	9/9/2016	4/8/2019	4/8/2021	\$474,925.00	\$474,925.00	Implement a "Complete Streets" Pedestrian	\$0.00	No
ML16033	Coachella Valley Association of Gov	4/27/2016	4/26/2018		\$250,000.00	\$250,000.00	Street Sweeping Operations in Coachella Va	\$0.00	Yes
ML16034	City of Riverside	3/11/2016	10/10/2018	7/10/2020	\$500,000.00	\$500,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$500,000.00	Install a Class 1 Bikeway	\$0.00	Yes
ML16042	City of San Dimas	4/1/2016	12/31/2019	12/31/2021	\$55,000.00	\$55,000.00	Install EV Charging Infrastructure	\$0.00	No
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$255,595.08	Maintenance Facility Modifications	\$19,404.92	Yes
ML16049	City of Buena Park	4/1/2016	11/30/2018		\$429,262.00	\$429,262.00	Installation of a Class 1 Bikeway	\$0.00	Yes
ML16051	City of South Pasadena	2/12/2016	1/11/2017	12/11/2017	\$320,000.00	\$258,691.25	Implement "Open Streets" Event with Variou	\$61,308.75	Yes
ML16052	City of Rancho Cucamonga	9/3/2016	11/2/2019	3/31/2021	\$315,576.00	\$305,576.00	Install Two Class 1 Bikeways	\$10,000.00	No
ML16053	City of Claremont	3/11/2016	7/10/2018	12/10/2020	\$498,750.00	\$498,750.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16054	City of Yucaipa	3/26/2016	7/26/2018	10/25/2019	\$120,000.00	\$120,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16056	City of Ontario	3/23/2016	9/22/2020	9/22/2021	\$106,565.00	\$106,565.00	Expansion of an Existing CNG Station	\$0.00	Yes
ML16060	City of Cudahy	2/5/2016	10/4/2017		\$73,910.00	\$62,480.00	Implement an "Open Streets" Event	\$11,430.00	Yes
ML16061	City of Murrieta	4/27/2016	1/26/2020		\$11,642.00	\$9,398.36	Installation of EV Charging Infrastructure	\$2,243.64	Yes
ML16062	City of Colton	6/3/2016	7/2/2020		\$21,003.82	\$21,003.82	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16064	County of Orange, OC Parks	2/21/2017	10/20/2018		\$204,073.00	\$157,632.73	Implement "Open Streets" Events with Vario	\$46,440.27	Yes
ML16066	City of Long Beach Public Works	1/13/2017	9/12/2018		\$75,050.00	\$63,763.62	Implement an "Open Streets" Event	\$11,286.38	Yes
ML16068	Riverside County Dept of Public Heal	12/2/2016	8/1/2018		\$171,648.00	\$171,648.00	Implement "Open Streets" Events with Vario	\$0.00	Yes
ML16069	City of West Covina	3/10/2017	6/9/2021		\$54,199.00	\$54,199.00	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16072	City of Palm Desert	3/4/2016	1/4/2020	1/3/2022	\$56,000.00	\$56,000.00	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16073	City of Long Beach Public Works	1/13/2017	7/12/2017		\$50,000.00	\$50,000.00	Implement an "Open Streets" Event	\$0.00	Yes
ML16076	City of San Fernando	2/21/2017	8/20/2021		\$43,993.88	\$43,993.88	Install EV Charging Infrastructure	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16078	City of Moreno Valley	5/6/2016	11/5/2017	5/5/2018	\$32,800.00	\$31,604.72	Install Bicycle Infrastructure & Implement Bi	\$1,195.28	Yes
ML16079	City of Yucaipa	4/1/2016	3/31/2020		\$5,000.00	\$5,000.00	Purchase Electric Lawnmower	\$0.00	Yes
ML16122	City of Wildomar	6/8/2018	6/7/2019		\$500,000.00	\$500,000.00	Install Bicycle Lanes	\$0.00	Yes
ML16126	City of Palm Springs	7/31/2019	7/30/2020	10/30/2020	\$22,000.00	\$19,279.82	Install Bicycle Racks, and Implement Bicycle	\$2,720.18	Yes
MS16001	Los Angeles County MTA	4/1/2016	4/30/2017		\$1,350,000.00	\$1,332,039.84	Clean Fuel Transit Service to Dodger Stadiu	\$17,960.16	Yes
MS16002	Orange County Transportation Autho	10/6/2015	5/31/2016		\$722,266.00	\$703,860.99	Clean Fuel Transit Service to Orange Count	\$18,405.01	Yes
MS16003	Special Olympics World Games Los	10/9/2015	12/30/2015		\$380,304.00	\$380,304.00	Low-Emission Transportation Service for Sp	\$0.00	Yes
MS16004	Mineral LLC	9/4/2015	7/3/2017	1/3/2018	\$27,690.00	\$9,300.00	Design, Develop, Host and Maintain MSRC	\$18,390.00	Yes
MS16029	Orange County Transportation Autho	1/12/2018	6/11/2020		\$836,413.00	\$567,501.06	TCM Partnership Program - OC Bikeways	\$268,911.94	Yes
MS16030	Better World Group Advisors	12/19/2015	12/31/2017	12/31/2019	\$271,619.00	\$245,355.43	Programmic Outreach Services to the MSR	\$26,263.57	Yes
MS16084	Transit Systems Unlimited, Inc.	5/6/2016	2/28/2018		\$565,600.00	\$396,930.00	Implement Special Shuttle Service from Uni	\$168,670.00	Yes
MS16085	Southern California Regional Rail Aut	3/11/2016	9/30/2016		\$78,033.00	\$64,285.44	Special MetroLink Service to Autoclub Spee	\$13,747.56	Yes
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$653,998.86	Freeway Service Patrols	\$146,626.14	No
MS16089	Orange County Transportation Autho	7/8/2016	4/30/2017		\$128,500.00	\$128,500.00	Implement Special Bus Service to Angel Sta	\$0.00	Yes
MS16092	San Bernardino County Transportatio	2/3/2017	1/2/2019		\$242,937.00	\$242,016.53	Implement a Series of "Open Streets" Event	\$920.47	Yes
MS16093	Orange County Transportation Autho	9/3/2016	3/2/2018	9/2/2018	\$1,553,657.00	\$1,499,575.85	Implement a Mobile Ticketing System	\$54,081.15	Yes
MS16095	Orange County Transportation Autho	7/22/2016	5/31/2017		\$694,645.00	\$672,864.35	Implement Special Bus Service to Orange C	\$21,780.65	Yes
MS16096	San Bernardino County Transportatio	10/27/2016	12/26/2019	6/30/2021	\$450,000.00	\$450,000.00	EV Charging Infrastructure	\$0.00	Yes
MS16099	Foothill Transit	3/3/2017	3/31/2017		\$50,000.00	\$50,000.00	Provide Special Bus Service to the Los Ange	\$0.00	Yes
MS16100	Southern California Regional Rail Aut	5/5/2017	9/30/2017		\$80,455.00	\$66,169.43	Provide Metrolink Service to Autoclub Speed	\$14,285.57	Yes
MS16124	Riverside County Transportation Co	12/14/2018	12/14/2019	5/14/2020	\$253,239.00	\$246,856.41	Extended Freeway Service Patrols	\$6,382.59	Yes
MS16125	San Bernardino County Transportatio	9/20/2019	11/19/2020		\$1,000,000.00	\$1,000,000.00	Traffic Signal Synchronization Projects	\$0.00	Yes

Total: 51

Closed/Incomplete Contracts

ML16005	City of Palm Springs	3/4/2016	10/3/2017		\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycle	\$40,000.00	No
ML16035	City of Wildomar	4/1/2016	11/1/2017		\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	No
MS16082	Riverside County Transportation Co	9/3/2016	8/2/2018		\$590,759.00	\$337,519.71	Extended Freeway Service Patrols	\$253,239.29	No
MS16090	Los Angeles County MTA	10/27/2016	4/26/2020	10/26/2020	\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	No
MS16091	San Bernardino County Transportatio	10/7/2016	11/6/2018		\$1,000,000.00	\$0.00	Traffic Signal Synchronization Projects	\$1,000,000.00	No

Total: 5

Open/Complete Contracts

ML16007	City of Culver City Transportation De	10/6/2015	4/5/2023		\$246,000.00	\$246,000.00	Purchase 7 H.D. Nat. Gas Vehicles, EV Cha	\$0.00	No
ML16008	City of Pomona	9/20/2016	11/19/2022	5/19/2025	\$60,000.00	\$60,000.00	Purchase 3 Medium-Duty and 1 Heavy-Duty	\$0.00	No
ML16011	City of Claremont	10/6/2015	6/5/2022		\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16012	City of Carson	1/15/2016	10/14/2022		\$60,000.00	\$60,000.00	Purchase 2 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16013	City of Monterey Park	12/4/2015	7/3/2022	7/3/2024	\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16016	City of Los Angeles Dept of General	2/5/2016	12/4/2022		\$630,000.00	\$630,000.00	Purchase 21 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16019	City of Los Angeles, Dept of General	1/25/2017	3/24/2023		\$102,955.00	\$102,955.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$49,399.00	Install EV Charging Infrastructure	\$1.00	Yes
ML16024	City of Azusa	4/27/2016	2/26/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16027	City of Whittier	1/8/2016	11/7/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16037	City of Rancho Cucamonga	2/5/2016	11/4/2022		\$30,000.00	\$30,000.00	Purchase One Heavy-Duty Natural Gas Vehi	\$0.00	Yes
ML16040	City of Eastvale	1/6/2017	7/5/2022	7/5/2026	\$110,000.00	\$53,908.85	Install EV Charging Infrastructure	\$56,091.15	No
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	4/2/2024	\$20,000.00	\$20,000.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16046	City of El Monte	4/1/2016	5/31/2021	5/31/2023	\$20,160.00	\$14,637.50	Install EV Charging Infrastructure	\$5,522.50	No
ML16050	City of Westminster	5/6/2016	7/5/2020	5/5/2022	\$115,000.00	\$93,925.19	Installation of EV Charging Infrastructure	\$21,074.81	Yes
ML16055	City of Ontario	5/6/2016	5/5/2022		\$270,000.00	\$270,000.00	Purchase Nine Heavy-Duty Natural-Gas Veh	\$0.00	Yes
ML16058	Los Angeles County Department of P	10/7/2016	4/6/2024		\$371,898.00	\$371,898.00	Purchase 11 H.D. Nat. Gas Vehicles and Ins	\$0.00	Yes
ML16059	City of Burbank	4/1/2016	2/28/2022		\$180,000.00	\$180,000.00	Purchase 6 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML16063	City of Glendora	3/4/2016	4/3/2022		\$30,000.00	\$30,000.00	Purchase One H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16070	City of Beverly Hills	2/21/2017	6/20/2023		\$90,000.00	\$90,000.00	Purchase 3 H.D. Nat. Gas Vehicles	\$0.00	Yes
MS16081	EDCO Disposal Corporation	3/4/2016	10/3/2022		\$150,000.00	\$150,000.00	Expansion of Existing Public Access CNG St	\$0.00	Yes
MS16087	Burrtec Waste & Recycling Services,	7/8/2016	3/7/2023		\$100,000.00	\$100,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS16088	Transit Systems Unlimited, Inc.	5/12/2017	1/11/2023		\$17,000.00	\$17,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS16097	Walnut Valley Unified School District	10/7/2016	11/6/2022		\$250,000.00	\$250,000.00	Expand CNG Station & Modify Maintenance	\$0.00	Yes
MS16102	Nasa Services, Inc.	2/21/2017	4/20/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	Yes
MS16103	Arrow Services, Inc.	2/3/2017	4/2/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	Yes
MS16105	Huntington Beach Union High School	3/3/2017	7/2/2024		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS16112	Orange County Transportation Autho	4/14/2017	3/13/2024		\$1,470,000.00	\$1,470,000.00	Repower Up to 98 Transit Buses	\$0.00	Yes
MS16113	Los Angeles County MTA	5/12/2017	4/11/2024		\$1,875,000.00	\$1,875,000.00	Repower Up to 125 Transit Buses	\$0.00	Yes
MS16114	City of Norwalk	3/3/2017	6/2/2024		\$45,000.00	\$32,170.00	Purchase 3 Transit Buses	\$12,830.00	Yes
MS16116	Riverside Transit Agency	3/3/2017	1/2/2023		\$10,000.00	\$9,793.00	Purchase One Transit Bus	\$207.00	Yes

Total: 31

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2016-2018 Contracts

Open Contracts

ML18020	City of Colton	5/3/2018	4/2/2024		\$67,881.00	\$35,667.00	Purchase One Medium-Duty and One Heavy	\$32,214.00	No
ML18030	City of Grand Terrace	6/28/2018	3/27/2022	3/27/2025	\$45,000.00	\$0.00	Install EVSE	\$45,000.00	No
ML18031	City of Diamond Bar	9/7/2018	11/6/2025	11/6/2026	\$73,930.00	\$0.00	Install EVSE, Purchase up to 2-LD Vehicles	\$73,930.00	No
ML18036	City of Indian Wells	8/8/2018	5/7/2023	5/7/2025	\$50,000.00	\$0.00	Install EV Charging Stations	\$50,000.00	No
ML18041	City of West Hollywood	8/8/2018	12/7/2023	6/7/2024	\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18043	City of Yorba Linda	9/7/2018	12/6/2023	12/6/2024	\$87,990.00	\$0.00	Install EV Charging Infrastructure	\$87,990.00	No
ML18046	City of Santa Ana	11/9/2018	7/8/2026		\$385,000.00	\$0.00	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$385,000.00	No
ML18047	City of Whittier	8/8/2018	4/7/2026		\$113,910.00	\$45,564.00	Purchase 5 Heavy-Duty Near-Zero Emission	\$68,346.00	No
ML18050	City of Irvine	9/7/2018	8/6/2028		\$330,490.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$330,490.00	No
ML18051	City of Rancho Cucamonga	3/1/2019	10/31/2025		\$91,500.00	\$30,000.00	Purchase 6 Light-Duty ZEVs, Install 3 Limite	\$61,500.00	No
ML18053	City of Paramount	9/7/2018	3/6/2023		\$64,675.00	\$0.00	Install EV Charging Infrastructure	\$64,675.00	No
ML18055	City of Long Beach	11/29/2018	11/28/2026		\$622,220.00	\$158,411.59	Install EV Charging Stations	\$463,808.41	No
ML18056	City of Chino	3/29/2019	9/28/2023		\$103,868.00	\$103,868.00	Install EV Charging Infrastructure	\$0.00	No
ML18057	City of Carson	10/5/2018	7/4/2023		\$106,250.00	\$50,000.00	Purchase 5 Zero-Emission Vehicles and Infr	\$56,250.00	No
ML18058	City of Perris	10/12/2018	11/11/2024		\$94,624.00	\$0.00	Purchase 1 Medim-Dity ZEV and EV Chargi	\$94,624.00	No
ML18059	City of Glendale Water & Power	2/1/2019	7/31/2026		\$260,500.00	\$0.00	Install Electric Vehicle Charging Infrastructur	\$260,500.00	No
ML18060	County of Los Angeles Internal Servi	10/5/2018	8/4/2026	8/4/2028	\$1,367,610.00	\$599,306.31	Purchase 29 Light-Duty Zero Emission Vehi	\$768,303.69	No
ML18063	City of Riverside	6/7/2019	1/6/2027		\$383,610.00	\$0.00	Expand Existing CNG Stations	\$383,610.00	No
ML18064	City of Eastvale	11/29/2018	4/28/2026	4/28/2028	\$80,400.00	\$28,457.43	Purchase 2 Light-Duty, One Medium-Duty. Z	\$51,942.57	No
ML18067	City of Pico Rivera	9/7/2018	11/6/2022	7/6/2025	\$83,500.00	\$0.00	Install EVSE	\$83,500.00	No
ML18068	City of Mission Viejo	7/31/2019	6/30/2027		\$125,690.00	\$10,000.00	Purchase 2 Light-Duty ZEVs, Install EVSE &	\$115,690.00	No
ML18069	City of Torrance	3/1/2019	7/31/2027		\$187,400.00	\$100,000.00	Purchase 4 Heavy-Duty Near-Zero Emission	\$87,400.00	No
ML18078	County of Riverside	10/5/2018	10/4/2028		\$375,000.00	\$300,000.00	Purchase 15 Heavy-Duty Vehicles	\$75,000.00	No
ML18080	City of Santa Monica	1/10/2019	12/9/2023	7/9/2025	\$121,500.00	\$14,748.62	Install EV Charging Stations	\$106,751.38	No
ML18082	City of Los Angeles Bureau of Sanita	8/30/2019	8/29/2028		\$900,000.00	\$0.00	Purchase Medium-Duty Vehicles and EV Ch	\$900,000.00	No
ML18083	City of San Fernando	11/2/2018	11/1/2022		\$20,000.00	\$0.00	Implement Traffic Signal Synchronization	\$20,000.00	No
ML18084	City of South El Monte	10/18/2019	9/17/2023	9/17/2024	\$30,000.00	\$0.00	EV Charging Infrastructure	\$30,000.00	No
ML18087	City of Murrieta	3/29/2019	3/28/2025		\$143,520.00	\$143,520.00	Install Four EV Charging Stations	\$0.00	No
ML18089	City of Glendora	7/19/2019	4/18/2025	4/18/2026	\$50,760.00	\$0.00	Purchase a medium-duty ZEV	\$50,760.00	No
ML18091	City of Temecula	1/19/2019	7/18/2023		\$141,000.00	\$0.00	Install Sixteen EV Charging Stations	\$141,000.00	No
ML18092	City of South Pasadena	2/1/2019	1/31/2025	4/30/2027	\$50,000.00	\$20,000.00	Procure Two Light-Duty ZEVs and Install EV	\$30,000.00	No
ML18093	City of Monterey Park	2/1/2019	2/28/2026		\$25,000.00	\$0.00	Purchase Heavy-Duty Near-ZEV	\$25,000.00	No
ML18094	City of Laguna Woods	7/12/2019	12/11/2024		\$50,000.00	\$0.00	Install Two EV Charging Stations	\$50,000.00	No
ML18098	City of Redondo Beach	2/1/2019	3/31/2023	3/31/2025	\$89,400.00	\$0.00	Install Six EV Charging Stations	\$89,400.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18099	City of Laguna Hills	3/1/2019	5/31/2023		\$32,250.00	\$0.00	Install Six EV Charging Stations	\$32,250.00	No
ML18100	City of Brea	10/29/2020	12/28/2024		\$56,500.00	\$0.00	Install Thirteen EV Charging Stations	\$56,500.00	No
ML18101	City of Burbank	2/1/2019	4/30/2024	10/30/2024	\$137,310.00	\$0.00	Install Twenty EV Charging Stations	\$137,310.00	No
ML18129	City of Yucaipa	12/14/2018	3/13/2023		\$63,097.00	\$0.00	Install Six EV Charging Stations	\$63,097.00	No
ML18132	City of Montclair	4/5/2019	9/4/2023		\$40,000.00	\$0.00	Install Eight EVSEs	\$40,000.00	No
ML18134	City of Los Angeles Dept of General	5/3/2019	5/2/2028		\$290,000.00	\$0.00	Purchase Five Medium-Duty ZEVs	\$290,000.00	No
ML18135	City of Azusa	12/6/2019	12/5/2029		\$55,000.00	\$0.00	Purchase Three Light-Duty ZEVs and One H	\$55,000.00	No
ML18136	City of Orange	4/12/2019	8/11/2024		\$42,500.00	\$40,000.00	Purchase Four Light-Duty ZEVs and Install	\$2,500.00	No
ML18137	City of Wildomar	3/1/2019	5/31/2021	12/1/2022	\$50,000.00	\$0.00	Install Bicycle Trail	\$50,000.00	No
ML18141	City of Rolling Hills Estates	2/14/2020	1/13/2024	1/13/2025	\$40,000.00	\$0.00	Purchase One Light-Duty ZEV and Install Tw	\$40,000.00	No
ML18142	City of La Quinta	4/24/2019	2/23/2023	8/23/2023	\$51,780.00	\$0.00	Install Two EV Charging Stations	\$51,780.00	No
ML18144	City of Fontana Public Works	10/4/2019	12/3/2023		\$269,090.00	\$0.00	Install Twelve EVSEs	\$269,090.00	No
ML18145	City of Los Angeles Dept of Transpor	1/10/2020	4/9/2027		\$1,400,000.00	\$0.00	Provide One Hundred Rebates to Purchaser	\$1,400,000.00	No
ML18146	City of South Gate	3/1/2019	11/30/2023		\$127,400.00	\$50,000.00	Purchase Five Light-Duty ZEVs and Install T	\$77,400.00	No
ML18147	City of Palm Springs	1/10/2019	1/9/2024	7/9/2026	\$60,000.00	\$0.00	Install Eighteen EV Charging Stations	\$60,000.00	No
ML18151	County of San Bernardino Departme	8/25/2020	10/24/2029		\$200,000.00	\$0.00	Purchase Eight Heavy-Duty Near Zero Emis	\$200,000.00	No
ML18152	County of San Bernardino Flood Con	8/11/2020	10/10/2029		\$108,990.00	\$0.00	Purchase Five Heavy-Duty Near Zero Emis	\$108,990.00	No
ML18159	City of Rialto	12/13/2019	5/12/2024	5/12/2025	\$135,980.00	\$0.00	Purchase Nine Light-Duty ZEVs and EV Cha	\$135,980.00	No
ML18161	City of Indio	5/3/2019	10/2/2025		\$50,000.00	\$10,000.00	Purchase 1 Light-Duty Zero Emission, 1 Hea	\$40,000.00	No
ML18163	City of San Clemente	3/8/2019	12/7/2024	12/7/2025	\$85,000.00	\$70,533.75	Purchase Four Light-Duty ZEVs and EV Cha	\$14,466.25	No
ML18165	City of Baldwin Park	2/1/2019	1/30/2024		\$49,030.00	\$0.00	Expand CNG Station	\$49,030.00	No
ML18166	City of Placentia	2/18/2021	5/17/2027		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emis	\$25,000.00	No
ML18167	City of Beverly Hills	3/29/2019	6/28/2025		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-Zero Emis	\$50,000.00	No
ML18168	City of Maywood	3/29/2019	11/28/2022		\$7,059.00	\$0.00	Purchase EV Charging Infrastructure	\$7,059.00	No
ML18169	City of Alhambra	6/14/2019	8/13/2024		\$111,980.00	\$111,980.00	Install EV Charging Infrastructure	\$0.00	No
ML18170	City of Laguna Niguel	1/10/2020	8/9/2028		\$85,100.00	\$0.00	Purchase Two Light-Duty ZEVs and EV Cha	\$85,100.00	No
ML18172	City of Huntington Park	3/1/2019	2/28/2025		\$65,450.00	\$0.00	Purchase One Heavy-Duty ZEV	\$65,450.00	No
ML18174	City of Bell	11/22/2019	7/21/2026		\$25,000.00	\$0.00	Purchase One Heavy-Duty ZEV	\$25,000.00	No
ML18177	City of San Bernardino	6/7/2019	12/6/2026		\$279,088.00	\$0.00	Purchase Medium- and Heavy-Duty Evs and	\$279,088.00	No
ML18178	City of La Puente	11/1/2019	11/30/2025	11/30/2026	\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emis	\$25,000.00	No
ML18179	City of Rancho Mirage	8/20/2021	2/19/2022		\$50,000.00	\$0.00	Traffic Signal Synchronization	\$50,000.00	No
MS18002	Southern California Association of G	6/9/2017	11/30/2018	12/30/2021	\$2,500,000.00	\$1,989,699.15	Regional Active Transportation Partnership	\$510,300.85	No
MS18015	Southern California Association of G	7/13/2018	2/28/2021	8/31/2022	\$2,000,000.00	\$0.00	Southern California Future Communities Par	\$2,000,000.00	No
MS18023	Riverside County Transportation Co	6/28/2018	6/27/2021	12/27/2022	\$500,000.00	\$335,989.26	Weekend Freeway Service Patrols	\$164,010.74	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021	8/27/2023	\$1,500,000.00	\$659,640.00	Vanpool Incentive Program	\$840,360.00	No
MS18027	City of Gardena	11/2/2018	9/1/2026		\$365,000.00	\$0.00	Install New Limited Access CNG, Modify Mai	\$365,000.00	No
MS18029	Irvine Ranch Water District	8/8/2018	10/7/2024		\$185,000.00	\$0.00	Install New Limited Access CNG Station & T	\$185,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18065	San Bernardino County Transportatio	3/29/2019	8/28/2023		\$2,000,000.00	\$2,000,000.00	Implement Metrolink Line Fare Discount Pro	\$0.00	No
MS18073	Los Angeles County MTA	1/10/2019	2/9/2026		\$2,000,000.00	\$2,000,000.00	Purchase 40 Zero-Emission Transit Buses	\$0.00	No
MS18104	Orange County Transportation Autho	2/21/2020	3/31/2021	3/31/2022	\$212,000.00	\$165,235.92	Implement College Pass Transit Fare Subsid	\$46,764.08	No
MS18106	R.F. Dickson Co., Inc.	7/19/2019	1/18/2026		\$265,000.00	\$250,000.00	Expansion of Existing Infrastructure/Mechani	\$15,000.00	No
MS18108	Capistrano Unified School District	2/1/2019	5/30/2025		\$116,000.00	\$0.00	Expansion of Existing Infrastructure & Train	\$116,000.00	No
MS18110	Mountain View Unified School Distric	2/1/2019	3/31/2025		\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	No
MS18114	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18115	City of Commerce	6/7/2019	12/6/2025		\$275,000.00	\$0.00	Expansion of Existing L/CNG Infrastructure	\$275,000.00	No
MS18116	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18118	City of Beverly Hills	3/29/2019	7/28/2025		\$85,272.00	\$0.00	Expansion of Existing CNG Infrastructure	\$85,272.00	No
MS18122	Universal Waste Systems, Inc.	2/1/2019	3/31/2025	3/31/2027	\$200,000.00	\$0.00	Install New Limited Acess CNG Infrastructur	\$200,000.00	No
MS18175	Regents of the University of Californi	6/7/2019	8/6/2025	8/6/2026	\$1,000,000.00	\$0.00	Expansion of Existing Hydrogen Station	\$1,000,000.00	No

Total: 83

Pending Execution Contracts

ML18148	City of San Dimas				\$50,000.00	\$0.00	Implement Bicycle Detection Measures	\$50,000.00	No
MS18180	Omnitrans				\$83,000.00	\$0.00	Modify Vehicle Maintenance Facility and Trai	\$83,000.00	No
MS18181	San Bernardino County Transportatio				\$1,662,000.00	\$0.00	Construct Hydrogen Fueling Station	\$1,662,000.00	No
MS18182	Air Products and Chemicals Inc.				\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No
MS18183	Nikola Energy, Inc.				\$1,660,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,660,000.00	No
MS18184	Clean Energy				\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No

Total: 6

Declined/Cancelled Contracts

ML18044	City of Malibu	8/8/2018	10/7/2022	10/7/2023	\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	No
ML18140	City of Bell Gardens	12/14/2018	12/13/2028		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-ZEVs	\$50,000.00	No
ML18149	City of Sierra Madre				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18150	City of South El Monte				\$20,000.00	\$0.00	Implement Bike Share Program	\$20,000.00	No
ML18153	City of Cathedral City	5/3/2019	4/2/2025		\$52,215.00	\$0.00	Install EV Charging Infrastructure	\$52,215.00	No
ML18158	City of Inglewood				\$146,000.00	\$0.00	Purchase 4 Light-Duty Zero Emission, 4 Hea	\$146,000.00	No
ML18164	City of Pomona				\$200,140.00	\$0.00	Purchase Three Heavy-Duty ZEVs	\$200,140.00	No
MS18009	Penske Truck Leasing Co., L.P.	8/8/2018	12/7/2020		\$82,500.00	\$0.00	Modify Maintenance Facility & Train Technici	\$82,500.00	No
MS18013	California Energy Commission				\$3,000,000.00	\$0.00	Advise MSRC and Administer Hydrogen Infr	\$3,000,000.00	No
MS18017	City of Banning				\$225,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$225,000.00	No
MS18018	City of Norwalk	6/8/2018	9/7/2019		\$75,000.00	\$0.00	Vehicle Maintenance Facility Modifications	\$75,000.00	No
MS18107	Huntington Beach Union High School				\$225,000.00	\$0.00	Expansion of Existing Infrastructure	\$225,000.00	No
MS18109	City of South Gate				\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18111	Newport-Mesa Unified School District				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18112	Banning Unified School District	11/29/2018	11/28/2024	11/28/2025	\$275,000.00	\$0.00	Install New CNG Infrastructure	\$275,000.00	No
MS18113	City of Torrance				\$100,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$100,000.00	No
MS18119	LBA Realty Company XI LP				\$100,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$100,000.00	No
MS18121	City of Montebello				\$70,408.00	\$0.00	Expansion of Existing CNG Infrastructure	\$70,408.00	No

Total: 19

Closed Contracts

ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$46,079.31	Install EV Charging Stations	\$3,581.69	Yes
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020	1/2/2021	\$50,000.00	\$50,000.00	Traffic Signal and Synchronization Project	\$0.00	Yes
ML18088	City of Big Bear Lake	11/29/2018	8/28/2020	8/28/2021	\$50,000.00	\$50,000.00	Install Bicycle Trail	\$0.00	Yes
ML18126	City of Lomita	12/7/2018	1/6/2020		\$26,500.00	\$13,279.56	Install bicycle racks and lanes	\$13,220.44	Yes
ML18139	City of Calimesa	8/30/2019	7/29/2020	11/29/2021	\$50,000.00	\$50,000.00	Install Bicycle Lane	\$0.00	No
MS18001	Los Angeles County MTA	6/29/2017	4/30/2018		\$807,945.00	\$652,737.07	Provide Clean Fuel Transit Service to Dodge	\$155,207.93	Yes
MS18003	Geographics	2/21/2017	2/20/2021	6/20/2021	\$72,453.00	\$65,521.32	Design, Host and Maintain MSRC Website	\$6,931.68	Yes
MS18004	Orange County Transportation Autho	8/3/2017	4/30/2019		\$503,272.00	\$456,145.29	Provide Special Rail Service to Angel Stadiu	\$47,126.71	Yes
MS18005	Orange County Transportation Autho	1/5/2018	4/30/2019		\$834,222.00	\$834,222.00	Clean Fuel Bus Service to OC Fair	\$0.00	Yes
MS18006	Anaheim Transportation Network	10/6/2017	2/28/2020		\$219,564.00	\$9,488.22	Implement Anaheim Circulator Service	\$210,075.78	Yes
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	Yes
MS18010	Southern California Regional Rail Aut	12/28/2017	7/31/2019		\$351,186.00	\$275,490.61	Implement Special Metrolink Service to Unio	\$75,695.39	Yes
MS18011	Southern California Regional Rail Aut	2/9/2018	6/30/2018		\$239,565.00	\$221,725.12	Special Train Service to Festival of Lights	\$17,839.88	Yes
MS18014	Regents of the University of Californi	10/5/2018	12/4/2019	3/4/2020	\$254,795.00	\$251,455.59	Planning for EV Charging Infrastructure Inve	\$3,339.41	Yes
MS18016	Southern California Regional Rail Aut	1/10/2019	3/31/2019		\$87,764.00	\$73,140.89	Special Train Service to Auto Club Speedwa	\$14,623.11	Yes
MS18025	Los Angeles County MTA	11/29/2018	5/31/2019		\$1,324,560.00	\$961,246.86	Special Bus and Train Service to Dodger Sta	\$363,313.14	Yes
MS18102	Orange County Transportation Autho	10/4/2019	5/31/2020		\$1,146,000.00	\$1,146,000.00	Implement OC Flex Micro-Transit Pilot Proje	\$0.00	Yes
MS18103	Orange County Transportation Autho	2/8/2019	9/7/2020		\$642,000.00	\$613,303.83	Install Hydrogen Detection System	\$28,696.17	Yes
MS18105	Southern California Regional Rail Aut	1/10/2019	6/30/2019		\$252,696.00	\$186,830.04	Special Train Service to the Festival of Light	\$65,865.96	Yes

Total: 19

Closed/Incomplete Contracts

ML18133	City of Rancho Mirage	12/7/2018	11/6/2020		\$50,000.00	\$0.00	Traffic Signal Synchronization	\$50,000.00	No
MS18026	Omnitrans	10/5/2018	1/4/2020		\$83,000.00	\$0.00	Modify Vehicle Maintenance Facility and Trai	\$83,000.00	No

Total: 2

Open/Complete Contracts

ML18019	City of Hidden Hills	5/3/2018	5/2/2022	5/2/2023	\$49,999.00	\$49,999.00	Purchase Two Light-Duty ZEVs and EVSE	\$0.00	Yes
ML18028	City of Artesia	6/28/2018	3/27/2025		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18032	City of Arcadia	2/1/2019	4/30/2025		\$24,650.00	\$24,650.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18033	City of Duarte	8/8/2018	2/7/2025		\$50,000.00	\$50,000.00	Purchase 1-HD ZEV	\$0.00	Yes
ML18034	City of Calabasas	6/8/2018	3/7/2022	3/7/2023	\$50,000.00	\$50,000.00	Install EVSE	\$0.00	No
ML18035	City of Westlake Village	8/8/2018	11/7/2022		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18037	City of Westminster	6/28/2018	6/27/2024	12/27/2026	\$120,900.00	\$120,900.00	Install EVSE, Purchase up to 3-LD ZEV & 1-	\$0.00	Yes
ML18038	City of Anaheim	10/5/2018	5/4/2025	5/4/2026	\$151,630.00	\$147,883.27	Purchase 5 Light-Duty ZEVs and Install EVS	\$3,746.73	Yes
ML18039	City of Redlands	6/28/2018	7/27/2024	1/27/2025	\$63,191.00	\$63,190.33	Purchase 1 Medium/Heavy-Duty ZEV and In	\$0.67	Yes
ML18040	City of Agoura Hills	7/13/2018	6/12/2022		\$17,914.00	\$17,914.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18042	City of San Fernando	6/28/2018	2/27/2024		\$10,000.00	\$10,000.00	Purchase 1 Light-Duty ZEV	\$0.00	Yes
ML18045	City of Culver City Transportation De	6/28/2018	6/27/2025		\$51,000.00	\$51,000.00	Purchase Eight Near-Zero Vehicles	\$0.00	Yes
ML18048	City of Lynwood	6/28/2018	10/27/2024		\$93,500.00	\$44,505.53	Purchase Up to 3 Medium-Duty Zero-Emissi	\$48,994.47	Yes
ML18049	City of Downey	7/6/2018	5/5/2023		\$148,260.00	\$148,116.32	Install EV Charging Stations	\$143.68	Yes
ML18052	City of Garden Grove	8/8/2018	10/7/2022		\$53,593.00	\$46,164.28	Purchase 4 L.D. ZEVs and Infrastructure	\$7,428.72	Yes
ML18054	City of La Habra Heights	8/8/2018	4/7/2022		\$9,200.00	\$9,200.00	Purchase 1 L.D. ZEV	\$0.00	Yes
ML18061	City of Moreno Valley	4/9/2019	2/8/2025		\$25,000.00	\$25,000.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18062	City of Beaumont	8/8/2018	9/7/2024		\$25,000.00	\$25,000.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18070	City of Lomita	11/29/2018	6/28/2022		\$6,250.00	\$6,250.00	Purchase 1 Light-Duty ZEV	\$0.00	Yes
ML18071	City of Chino Hills	9/7/2018	10/6/2022		\$20,000.00	\$20,000.00	Purchase 2 Light-Duty ZEVs	\$0.00	Yes
ML18072	City of Anaheim	12/18/2018	11/17/2026		\$239,560.00	\$239,560.00	Purchase 9 Light-Duty ZEVs & 2 Med/Hvy-D	\$0.00	Yes
ML18074	City of Buena Park	12/14/2018	6/13/2026		\$107,960.00	\$107,960.00	EV Charging Infrastructure	\$0.00	Yes
ML18076	City of Culver City Transportation De	10/5/2018	10/4/2023		\$1,130.00	\$1,130.00	Purchase Light-Duty ZEV	\$0.00	Yes
ML18077	City of Orange	11/2/2018	10/1/2022		\$59,776.00	\$59,776.00	Four Light-Duty ZEV and EV Charging Infr	\$0.00	Yes
ML18079	City of Pasadena	12/7/2018	11/6/2023		\$183,670.00	\$183,670.00	EV Charging Infrastructure	\$0.00	Yes
ML18081	City of Beaumont	10/5/2018	10/4/2022	10/4/2025	\$31,870.00	\$31,870.00	EV Charging Infrastructure	\$0.00	Yes
ML18085	City of Orange	4/12/2019	10/11/2026		\$50,000.00	\$50,000.00	Purchase Two Heavy-Duty Near-Zero Emissi	\$0.00	Yes
ML18086	City of Los Angeles Bureau of Street	2/8/2019	4/7/2023		\$300,000.00	\$300,000.00	Install Sixty EV Charging Stations	\$0.00	Yes
ML18090	City of Santa Clarita	5/9/2019	2/8/2023	2/8/2024	\$122,000.00	\$118,978.52	Install Nine EV Charging Stations	\$3,021.48	Yes
ML18095	City of Gardena	11/9/2018	12/8/2024		\$25,000.00	\$25,000.00	Purchase Heavy-Duty Near-ZEV	\$0.00	Yes
ML18096	City of Highland	12/13/2019	8/12/2024		\$10,000.00	\$9,918.84	Purchase Light-Duty Zero Emission Vehicle	\$81.16	Yes
ML18097	City of Temple City	11/29/2018	7/28/2022		\$16,000.00	\$12,000.00	Purchase Two Light-Duty ZEVs	\$4,000.00	Yes
ML18127	City of La Puente	2/1/2019	2/28/2023		\$10,000.00	\$7,113.70	Purchase Light-Duty Zero Emission Vehicle	\$2,886.30	Yes
ML18128	City of Aliso Viejo	8/30/2019	11/29/2023		\$65,460.00	\$65,389.56	Purchase Two Light-Duty ZEVs and Install S	\$70.44	No
ML18130	City of Lake Forest	3/1/2019	9/30/2022		\$106,480.00	\$106,480.00	Install Twenty-One EVSEs	\$0.00	No
ML18131	City of Los Angeles, Police Departm	5/3/2019	12/2/2022		\$19,294.00	\$19,294.00	Purchase Three Light-Duty ZEVs	\$0.00	Yes
ML18138	City of La Canada Flintridge	2/8/2019	5/7/2023		\$50,000.00	\$32,588.07	Install Four EVSEs and Install Bicycle Racks	\$17,411.93	No
ML18143	City of La Habra	10/18/2019	9/17/2025	9/17/2027	\$80,700.00	\$80,700.00	Install Two EV Charging Stations	\$0.00	Yes
ML18154	City of Hemet	11/22/2019	9/21/2023	3/21/2024	\$30,000.00	\$30,000.00	Purchase Two Light-Duty ZEVs and EV Cha	\$0.00	Yes
ML18155	City of Claremont	7/31/2019	9/30/2023		\$50,000.00	\$35,608.86	Install EV Charging Infrastructure	\$14,391.14	Yes
ML18156	City of Covina	2/1/2019	3/31/2023	12/31/2023	\$63,800.00	\$62,713.00	Purchase Four Light-Duty ZEVs and EV Cha	\$1,087.00	Yes
ML18157	City of Los Angeles Bureau of Street	6/21/2019	5/20/2027		\$85,000.00	\$85,000.00	Purchase One Medium-Duty ZEV	\$0.00	Yes
ML18160	City of Irwindale	3/29/2019	12/28/2022		\$14,263.00	\$14,263.00	Purchase Two Light-Duty ZEVs	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18162	City of Costa Mesa	1/10/2020	7/9/2026		\$148,210.00	\$148,210.00	Purchase Three Light-Duty ZEVs and EV Ch	\$0.00	Yes
ML18171	City of El Monte	3/1/2019	4/30/2025		\$119,757.00	\$68,077.81	Purchase One Heavy-Duty ZEVs and EV Ch	\$51,679.19	No
ML18173	City of Manhattan Beach	3/29/2019	2/28/2023		\$49,000.00	\$49,000.00	Purchase Two Light-Duty ZEVs and EV Cha	\$0.00	Yes
ML18176	City of Coachella	3/1/2019	11/30/2024		\$58,020.00	\$58,020.00	Install EV Charging Stations	\$0.00	Yes
MS18012	City of Hermosa Beach	2/2/2018	2/1/2024		\$36,000.00	\$36,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS18066	El Dorado National	12/6/2019	2/5/2026		\$100,000.00	\$100,000.00	Install New Limited-Access CNG Station	\$0.00	Yes
MS18117	City of San Bernardino	6/7/2019	11/6/2025		\$240,000.00	\$240,000.00	Expansion of Existing CNG Infrastructure/Me	\$0.00	No
MS18120	City of Redondo Beach	2/1/2019	9/30/2025		\$275,000.00	\$275,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes
MS18123	City Rent A Bin DBA Serv-Wel Dispo	12/14/2018	2/13/2025		\$200,000.00	\$200,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes
MS18124	County Sanitation Districts of Los An	7/31/2019	2/28/2027		\$275,000.00	\$275,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	No
MS18125	U.S. Venture	5/9/2019	8/8/2025		\$200,000.00	\$200,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes

Total: 54

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2018-2021 Contracts

Open Contracts

MS21002	Better World Group Advisors	11/1/2019	12/31/2022		\$265,079.00	\$114,490.05	Programmatic Outreach Services	\$150,588.95	No
MS21004	Los Angeles County MTA	1/7/2021	5/31/2023		\$2,188,899.00	\$0.00	Clean Fuel Bus Service to Dodger Stadium	\$2,188,899.00	No
MS21005	Southern California Association of G	5/5/2021	1/31/2024		#####	\$0.00	Implement Last Mile Goods Movement Progr	#####	No
MS21006	Geographics	4/1/2021	6/20/2023		\$12,952.00	\$2,288.00	Hosting & Maintenance of the MSRC Websit	\$10,664.00	No
MS21010	MHX, LLC	9/29/2021	1/28/2028		\$569,275.00	\$0.00	Deploy One Zero-Emission Overhead Crane	\$569,275.00	No
MS21014	Green Fleet Systems, LLC	8/31/2021	8/30/2027		\$500,000.00	\$0.00	Deploy up to 5 Near Zero Emission Trucks	\$500,000.00	No
MS21015	Premium Transportation Services, In	9/22/2021	5/21/2027		\$1,500,000.00	\$0.00	Deploy up to 15 Near-Zero Emissions Truck	\$1,500,000.00	No
MS21017	MHX, LLC	9/29/2021	9/28/2030		\$1,900,000.00	\$0.00	Deploy up to 10 Zero-Emission Trucks & Infr	\$1,900,000.00	No
MS21018	Pac Anchor Transportation, Inc.	8/17/2021	8/16/2027		\$2,300,000.00	\$0.00	Deploy up to 23 Near Zero Emission Trucks	\$2,300,000.00	No

Total: 9

Pending Execution Contracts

MS21007	Penske Truck Leasing Co., L.P.				\$1,160,000.00	\$0.00	Deploy 5 Zero-Emission Yard Tractors and	\$1,160,000.00	No
MS21008	CMA CGM (America) LLC				\$3,000,000.00	\$0.00	Deploy 2 Zero-Emission Rubber Tire Gantry	\$3,000,000.00	No
MS21009	ITS Technologies & Logistics, LLC				\$1,686,900.00	\$0.00	Deploy 12 Zero-Emission Yard Tractors	\$1,686,900.00	No
MS21011	RDS Logistics Group				\$808,500.00	\$0.00	Deploy 3 Zero-Emission Yard Tractors and	\$808,500.00	No
MS21012	Amazon Logistics, Inc.				\$4,157,710.00	\$0.00	Deploy up to 10 Zero-Emission and 100 Nea	\$4,157,710.00	No
MS21013	4 Gen Logistics				\$7,000,000.00	\$0.00	Deploy 40 Zero Emssion Trucks	\$7,000,000.00	No
MS21016	Ryder Integrated Logistics, Inc.				\$3,169,746.00	\$0.00	Procure Two Integrated Power Centers and	\$3,169,746.00	No
MS21019	Volvo Financial Services				\$3,930,270.00	\$0.00	Lease up to 14 Zero-Emission Trucks and Pr	\$3,930,270.00	No
MS21021	CMA CGM (America) LLC				\$1,946,463.00	\$0.00	Deploy up to 13 Near Zero Emission Trucks	\$1,946,463.00	No
MS21022	Orange County Transportation Autho				\$289,054.00	\$0.00	Implement Special Transit Service to the Or	\$289,054.00	No
MS21023	BNSF Railway Company				\$1,313,100.00	\$0.00	Install EV Charging Infrastructure	\$1,313,100.00	No

Total: 11

Declined/Cancelled Contracts

MS21020	Sea-Logix, LLC				\$2,300,000.00	\$0.00	Deploy up to 23 Near-Zero Emssions Trucks	\$2,300,000.00	No
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Total: 1

Closed Contracts

MS21001	Los Angeles County MTA	8/30/2019	7/29/2020		\$1,148,742.00	\$285,664.87	Implement Special Transit Service to Dodger	\$863,077.13	Yes
MS21003	Orange County Transportation Autho	7/8/2020	5/31/2021		\$468,298.00	\$241,150.48	Provide Express Bus Service to the Orange	\$227,147.52	Yes

Total: 2

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BOARD MEETING DATE: February 4, 2022

AGENDA NO. 23

REPORT: California Air Resources Board Monthly Meeting

SYNOPSIS: The California Air Resources Board was held a meeting on January 27, 2022. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Gideon Kracov, Member
South Coast AQMD Governing Board

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The California Air Resources Board (CARB or Board) held a meeting remotely on January 27, 2022 via a web-based videoconferencing service. The key items presented are summarized below.

DISCUSSION ITEMS

22-1-1: Public Meeting to Consider the Clean Fuels for Fleets Certification for the 70 ppb Ozone Standard

The Board adopted the California Clean Fuels for Fleets Certification (CFF Certification) for the 70 parts per billion Ozone National Ambient Air Quality Standard. The CFF Certification demonstrates that California's Low Emission Vehicle program exceeds the level of emissions reductions that would be achieved through implementation of the U.S. EPA Clean-Fuel Vehicle Programs. Therefore, the CFF Certification meets Clean Air Act requirement for ozone nonattainment areas classified as Serious and above with 1990 populations above 50,000. These nonattainment areas include the Coachella Valley, Sacramento Metropolitan Area, San Joaquin Valley, South Coast Air Basin, Ventura County, and West Mojave Desert. In addition, the Board directed the Executive Officer to submit the CFF Certification to the U.S. EPA as a revision to the California State Implementation Plan.

22-1-2: Public Meeting to Consider the Proposed Research Projects for Fiscal Year 2022-2023

The Board approved the Proposed Research Projects for Fiscal Year 2022-2023 (Proposed Research). The Proposed Research will advance the state of the science and support the Board's efforts to meet California's air quality and climate goals. For the fiscal year 2022-2023, a research budget of approximately \$3.8 million is anticipated that will fund seven research projects and two white papers. The research projects will inform the state's efforts to maximize health, environmental, and economic co-benefits; create additional health endpoints to assess our programs; leverage new tools and methods to identify and refine mitigation strategies to support air quality goals; and support equitable and sustainable communities. The two white papers will analyze the state of the science and identify research gaps for emerging priority areas to shape future research projects.

22-1-3: Public Meeting to Hear the 2021 Legislative Update

The Board heard an update from the CARB Office of Legislative Affairs on 2021 air quality and climate legislation for the first year of the 2021-2022 Legislative Session. The Legislature and Governor made significant appropriations to CARB programs supporting work to achieve diverse and ambitious goals to better protect priority populations, improve air quality, and reduce greenhouse gas emissions. CARB staff highlighted major legislation from 2021. In this legislative session, CARB staff analyzed bills that propose: 1) to support the State's transition to zero-emission technologies in the light-, medium-, and heavy-duty sectors, as well as the small off-road sector; 2) to implement recommendations made by the California State Auditor in response to the audit of CARB's transportation incentive programs; 3) to integrate labor and equity standards into CARB's programs; and 4) to reduce greenhouse gas emissions from the cement sector. Seventeen of the 110 bills analyzed by CARB staff in this legislative session directly impact CARB.

22-1-4: Public Meeting to Hear a Report on the California Air Resources Board's Program Priorities for 2022

The Board heard an overview by Executive Officer Richard Corey of the California Air Resources Board's accomplishments from 2021 and program priorities for 2022. The presentation outlined key activities that CARB plans to undertake in 2022 to achieve our Community, Clean Air and Climate goals. Highlights from 2021 included the Board's adoption of foundational regulations that will lead California to a zero-emission future, such as Advanced Clean Trucks, the Heavy-Duty Inspection and Maintenance program, transitioning small off-road engines to zero-emissions, and the phasing out of open agricultural burning in the San Joaquin Valley. CARB's 2022 priorities will focus on communities, clean air, and climate. This year, CARB will bring multiple regulations to the Board and implement programs that help protect communities, including the Advanced Clean Feet Regulation, the In-Use Locomotive Regulation, the Commercial Harbor Craft Regulation, amendments to the Chrome Plating ATCM, Advanced Clean

Cars II Regulations, programs to increase choice in mobility, building decarbonization efforts, and various efforts for prescribed fires and wildfire smoke. Many of these programs will also improve regional air quality and reduce greenhouse gases. In 2022, CARB will be working with its district partners to develop the State SIP Strategy that will serve as a crucial function to align all our programs statewide in pursuit of the common goal of meeting federal air quality standards. 2022 will also be a pivotal year with the most comprehensive Scoping Plan to date laying out a path to keep us on track to achieve our 2030 target as well as, for the first time, presenting a strategy to achieve carbon neutrality by 2045.

Attachment

CARB January 27, 2022 Meeting Agenda



Public Meeting Agenda

Thursday, January 27, 2022

In accordance with [Assembly Bill 361](#) (Chapter 165, Stats. of 2021) the January 27, 2022, meeting of the California Air Resources Board (CARB or Board) will not have a physical location open to the public. It will be a remote-only meeting conducted via a web-based videoconferencing service called Zoom. Members of the public who wish to comment verbally can register for the webinar.

Register for the Webinar – for those who wish to comment verbally at the hearing.

Alternatively, during the Board Meeting, members of the public can offer verbal comments by calling in via telephone. Members of the public do not have to register beforehand if they call in using the number below.

Phone Number: (669) 900-6833

Webinar ID: 882 0383 2049

To only watch the Board Meeting and not provide verbal comments, please view the webcast. The webcast is the same video stream offered by CARB during normal Board Meetings. If you do not wish to provide verbal comments, we strongly recommend watching the webcast as this will free up space on the webinar for those who are providing verbal comments.

Webcast – for those who only plan to observe the hearing.

How to Participate in the Remote Board Meeting

Agenda de la Reunión Pública

¿Cómo participar en la Reunión Remota del Consejo?

Spanish interpretation will be provided for the January 27, 2022, Board Meeting.

Thursday, January 27, 2022 @ 9:00 a.m.

Discussion Items:

22-1-1: Public Meeting to Consider the Proposed California Clean Fuels for Fleets Certification for the 70 ppb Ozone Standard

The Board will consider adoption of the California Clean Fuels for Fleets Certification for the 70 parts per billion (ppb) Ozone Standard and will also consider adopting a California Environmental Quality Act exemption as part of its action. If adopted, CARB will submit the California Clean Fuels for Fleets Certification for the 70 ppb Ozone Standard to the United States Environmental Protection Agency as a revision to the California State Implementation Plan.

- [More Information](#)
- [Public Meeting Notice](#)
- [Staff Report](#)
- [Item Summary](#)
- [Proposed Resolution](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

22-1-2: Public Meeting to Consider the Proposed Research Projects for Fiscal Year 2022-2023

The Board will consider the Proposed Research Projects for Fiscal Year 2022-2023 (Proposed Research) and hear and the modifications to the process to date to operationalize racial equity in CARB research. The research projects will advance the state of the science and support the Board's efforts to meet California's air quality and climate goals. If the Proposed Research is approved by the Board, staff will work with our research partners to develop full proposals. The Executive Officer will then consider the full proposals for approval and funding with consultation from interested Board Members.

- [More Information](#)
- [Public Meeting Notice](#)
- [Addendum to Triennial Plan – FY22-23 Proposed Project Concepts](#)
- [Item Summary](#)
- [Meeting Presentation](#)
- [Proposed Resolution](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

22-1-3: Public Meeting to Hear the 2021 Legislative Update

The Board will hear an update on 2021 air quality and climate legislation from the Office of Legislative Affairs.

- [More Information](#)
- [Item Summary](#)
- [Meeting Presentation](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

22-1-4: Public Meeting to Hear a Report on the California Air Resources Board's Program Priorities for 2022

Executive Officer Richard Corey will provide the Board with an overview of California Air Resources Board priorities for 2022.

- [Item Summary](#)
- [Meeting Presentation](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

Closed Session

The Board may hold a closed session, as authorized by Government Code section 11126(e), to confer with, and receive advice from, its legal counsel regarding the following pending or potential litigation:

Alliance for California Business v. California State Transportation Agency, et al., Sacramento County Superior Court, Case No. 34-2016-80002491.

American Lung Association, et al. v. United States Environmental Protection Agency, et al. (D.C. Cir. 2021) 985 F.3d 914, cert. granted sub nom. *Westmoreland Mining Holdings v. EPA* (U.S., Oct. 29, 2021, No. 20-1778).

Best Energy Solutions & Technology Corp., et al v. California Air Resources Board, et al., Kern County Superior Court, Case No. BCV-20-102198.

California v. Stout, et al., United States District Court, Central District of California, Case No. 2:20-cv-00371.

California v. Wheeler, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 19-1239.

California, et al. v. United States Environmental Protection Agency, United States Court of Appeals for the District of Columbia Circuit, Case No. 21-1024.

California, et al. v. United States Environmental Protection Agency, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 21-1014.

California Natural Gas Vehicle Coalition v. California Air Resources Board, et al., Fresno County Superior Court, Case No. 20CECG02250.

Clean Energy Renewable Fuels, LLC v. California Air Resources Board, Orange County Superior Court, Case No. 30-2020-01167039-CU-WM-CJC.

Competitive Enterprise Inst. v. NHTSA, United States Court of Appeals, District of Columbia Circuit, Case No. 20-1145 (consolidated with No. 20-1167).

Environmental Defense Fund, et al., v. Andrew Wheeler, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 20-1360.

Friends of Oceano Dunes, Inc. v. California Coastal Commission, et al., U.S. District Court for the Central District of California, Case No. 2:17-cv-8733.

South Coast Air Quality Management District v. City of Los Angeles, et al., Los Angeles County Superior Court, Case No. 20STCP02985.

State of California v. United States Environmental Protection Agency, United States Court of Appeals, District of Columbia Circuit, Case No. 18-1096.

State of California v. Wheeler et. al., District of Columbia Circuit, Case No. 19-1239, consolidated under No. 19-1230 along with Nos. 19-1241, 19-1242, 19-1243, 19-1245, 19-1246, and 19-1249.

State of California, et al., v. Andrew Wheeler, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 20-1359.

State of California, et al. v. David Bernhardt, et al., United States District Court, Northern District of California, Case No. 3:18-cv-5712-DMR; United States Court of Appeals, Ninth Circuit, Case No. 20-16793.

State of California, et al. v. United States Environmental Protection Agency, United States Court of Appeals, District of Columbia Circuit, Case No. 21-1018.

State of New York, et al. v. United States Environmental Protection Agency, United States Court of Appeals, District of Columbia Circuit, Case No. 21-1026.

State of New York, et al. v. United States Environmental Protection Agency, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 21-1028.

State of Massachusetts v. EPA, United States Court of Appeals, District of Columbia Circuit, Case No. 20-1265.

State of New York, et al. v. Andrew Wheeler and the United States Environmental Protection Agency, U.S. District Court, District of Columbia, Case No. 1:18-cv-00773.

State of North Dakota v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 15-1381.

State of North Dakota, et al. v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 16-1242.

State of Wyoming, et al. v. United States Department of the Interior, et al., U.S. District Court, District of Wyoming, Case No. 16-CV-285-SWS; United States Court of Appeals, Tenth Circuit, Case No. 20-8073.

Truck Trailer Manufacturers Association, Inc. v. United States Environmental Protection Agency, et al., U.S. Court of Appeals, District of Columbia Circuit, Case No. 16-1430.

People v. Southern California Gas Company, Los Angeles Superior Court, Case No. BC 602973.

The Two Hundred, et al. v. California Air Resources Board, et al., Fresno County Superior Court, Case No. 18CECG01494.

Western States Petroleum Association v. California Air Resources Board, Los Angeles County Superior Court, Case No. 20STCP03138x.

Westmoreland Mining v. EPA, United States Court of Appeals, District of Columbia Circuit, Case No. 20-1160.

W.O. Stinson & Son LTD. v. Western Climate Initiative, Inc., Ontario Canada Superior Court, Case No. CV-20-00083726-0000.

Opportunity for Members of the Board to Comment on Matters of Interest

Board members may identify matters they would like to have noticed for consideration at future meetings and comment on topics of interest; no formal action on these topics will be taken without further notice.

Open Session to Provide an Opportunity for Members of the Public to Address the Board on Subject Matters within the Jurisdiction of the Board

Although no formal Board action may be taken, the Board is allowing an opportunity to interested members of the public to address the Board on items of interest that are within the Board's jurisdiction, but that do not specifically appear on the agenda. Each person will be allowed a maximum of three minutes to ensure that everyone has a chance to speak. The public will also have an opportunity to [submit written comments](#) for open session the morning of the Board Meeting.

Other Information

[Submit Comments Electronically the Day of the Board Meeting](#)

[View Submitted Comments](#)

Please Note: PowerPoint presentations to be displayed during public comment at the Board meeting must be electronically submitted via email to the Clerks' Office at cotb@arb.ca.gov no later than noon on the business day prior to the scheduled Board meeting.

If you have any questions, please contact the Clerks' Office:

1001 I Street, 23rd Floor, Sacramento, California 95814

cotb@arb.ca.gov or (916) 322-5594

CARB Homepage: www.arb.ca.gov

Special Accommodation Request

Consistent with California Government Code section 7296.2, special accommodation or language needs may be provided for any of the following:

- An interpreter to be available at the hearing;
- Documents made available in an alternate format or another language;
- A disability-related reasonable accommodation.

To request these special accommodations or language needs, please contact the Clerks' Office at cotb@arb.ca.gov or at (916) 322-5594 as soon as possible, but no later than 7 business days before the scheduled Board hearing. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

Acomodación Especial

Consecuente con la sección 7296.2 del Código de Gobierno de California, una acomodación especial o necesidades lingüísticas pueden ser suministradas para cualquiera de los siguientes:

- Un intérprete que esté disponible en la audiencia;
- Documentos disponibles en un formato alternativo u otro idioma;
- Una acomodación razonable relacionados con una incapacidad.

Para solicitar estas comodidades especiales o necesidades de otro idioma, por favor contacte la oficina del Consejo al (916) 322-5594 o por correo electrónico al cotb@arb.ca.gov lo más pronto posible, pero no menos de 7 días de trabajo antes del día programado para la audiencia del Consejo. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.

BOARD MEETING DATE: February 4, 2022

AGENDA NO. 25

PROPOSAL: Determine That Proposed Amendments to Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines, Are Exempt from CEQA; and Amend Rule 1134

SYNOPSIS: Proposed Amended Rule 1134 will remove ammonia limits for selective catalytic reduction systems that will be addressed during permitting, clarify applicable NOx concentration limits for recuperative gas turbines, and incorporate a narrow exemption for use of liquid fuel for turbines used at health facilities during natural gas curtailments. Other amendments are included to update provisions for Continuous Emission Monitoring Systems, remove startup and shutdown requirements which will be addressed in Rule 429 – Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen, and provide other clarifications.

COMMITTEE: Stationary Source, October 15, 2021, Reviewed

RECOMMENDED ACTION:

Adopt the attached Resolution:

1. Determining that the proposed amendments to Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines are exempt from the requirements of the California Environmental Quality Act; and
2. Amending Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines.

Wayne Natri
Executive Officer

SR:SN:MM:UV:LW

Background

Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines, was adopted in 1989 and was applicable to stationary gas turbines rated at 0.3 MW and larger that were issued a Permit to Operate by South Coast AQMD prior to August 4, 1989. Rule 1134 was most recently amended in April 2019 to expand the applicability

to include gas turbines installed after 1989 and gas turbines located at RECLAIM facilities, establish NO_x concentration limits for gas turbines based on a BARCT assessment, and establish ammonia slip limits.

Since the adoption of amendments in 2019, staff recommends that it is more appropriate to address ammonia limits during permitting instead of in source-specific rules and to have all provisions that exempt an operator from the NO_x concentration limits when a unit is starting up or shutting down in a separate rule. Proposed Amended Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines (PAR 1134) will address these two issues as well as provide interim NO_x emission limits for facilities that transition out of RECLAIM prior to meeting the NO_x limit under Rule 1134 and address other issues that were identified after the 2019 amendments.

Public Process

Development of PAR 1134 was conducted through a public process. Staff held two working group meetings, which included environmental and community groups, industry representatives, equipment vendors, and other agencies, on April 21, 2021 and July 8, 2021. A Public Workshop was held on September 23, 2021.

Proposed Amendments

PAR 1134 will remove the ammonia emission limits for units that are installing new selective catalytic reduction systems, which will be addressed during permitting, and removes startup and shutdown requirements which will be addressed in Rule 429 – Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen. PAR 1134 clarifies that recuperative gas turbines are included in a category referred to as “other,” and includes a new provision for liquid fuel usage at health facilities consistent with state law provisions for use of liquid fuel in certain situations at these facilities. To ensure there is no backsliding of emissions as required under the federal Clean Air Act Section 110(l), PAR 1134 will establish an interim NO_x limit of 68 ppmv at 15 percent oxygen on a dry basis for compressor gas turbines that will apply to former RECLAIM facilities until the unit meets the final NO_x limit under Rule 1134. PAR 1134 aligns monitoring, recordkeeping, and reporting provisions with recently adopted and amended Rule 218-series.

Emission Reductions

PAR 1134 will not impact the NO_x concentration limits or the implementation schedule, so there are no additional emission reductions.

Key Issues

Through the rulemaking process, staff has worked with stakeholders to address and resolve all issues. Staff is not aware of any remaining key issues.

California Environmental Quality Act

Pursuant to the California Environmental Quality Act (CEQA) Guidelines Sections 15002(k) and 15061, PAR 1134 is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3). A Notice of Exemption has been prepared pursuant to CEQA Guidelines Section 15062 and is included as Attachment H to this Board letter. If PAR 1134 is approved, the Notice of Exemption will be filed for posting with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino Counties. The Notice of Exemption will also be electronically filed with the State Clearinghouse of the Governor's Office of Planning and Research to be posted on their CEQAnet Web Portal, which may be accessed via the following weblink:

<https://ceqanet.opr.ca.gov/search/recent>. In addition, the Notice of Exemption will be electronically posted on South Coast AQMD's webpage which can be accessed via the following weblink: <http://www.aqmd.gov/nav/about/public-notice/ceqa-notice/notice-of-exemption/noe---year-2022>.

Socioeconomic Analysis

There are 72 turbines located at 37 facilities that are potentially impacted by PAR 1134. PAR 1134 does not impose any additional costs to facilities and does not result in any adverse socioeconomic impacts.

AQMP and Legal Mandates

PAR 1134 will partially implement CMB-05 – Further NO_x Reductions from RECLAIM Assessment in the 2016 AQMP and to facilitate the transition of facilities in the NO_x RECLAIM program to a command-and-control regulatory structure. PAR 1134 implements Sections 110, 172, 173, and 182(e) of the Clean Air Act and will be submitted to CARB and U.S. EPA for inclusion into the State Implementation Plan. PAR 1134 also implements AB 617 BARCT requirements.

Implementation and Resource Impacts

Existing staff resources are adequate to implement the proposed amendments.

Attachments

- A. Summary of Proposal
- B. Key Issues and Responses
- C. Rule Development Process
- D. Key Contacts List
- E. Resolution
- F. Proposed Amended Rule 1134
- G. Final Staff Report with Socioeconomic Impact Assessment
- H. Notice of Exemption from CEQA
- I. Board Meeting Presentation

ATTACHMENT A

SUMMARY OF PROPOSAL

Proposed Amended Rule 1134 Emissions of Oxides of Nitrogen from Stationary Gas Turbines

Emissions Limits

- Removes ammonia emission limits (addressed during permitting)
- Removes startup and shutdown provisions and clarifies startup and shutdown periods are pursuant to Rule 429 – Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen
- Establishes an interim NO_x concentration limit for compressor gas turbines
- Clarifies that recuperative gas turbines are under “Other” turbines category

Monitoring, Recordkeeping, and Reporting

- Remove references to Rule 2012 – Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NO_x) Emissions for former RECLAIM facilities
- Adds Rules 218.2 – Continuous Emission Monitoring System: General Provisions and 218.3 – Continuous Emission Monitoring System: Performance Specification for former RECLAIM and non-RECLAIM facilities

Liquid Fuel Usage for Health Facilities

- Incorporates a narrow liquid fuel usage exemption for turbines located at health facilities during emergencies

ATTACHMENT B

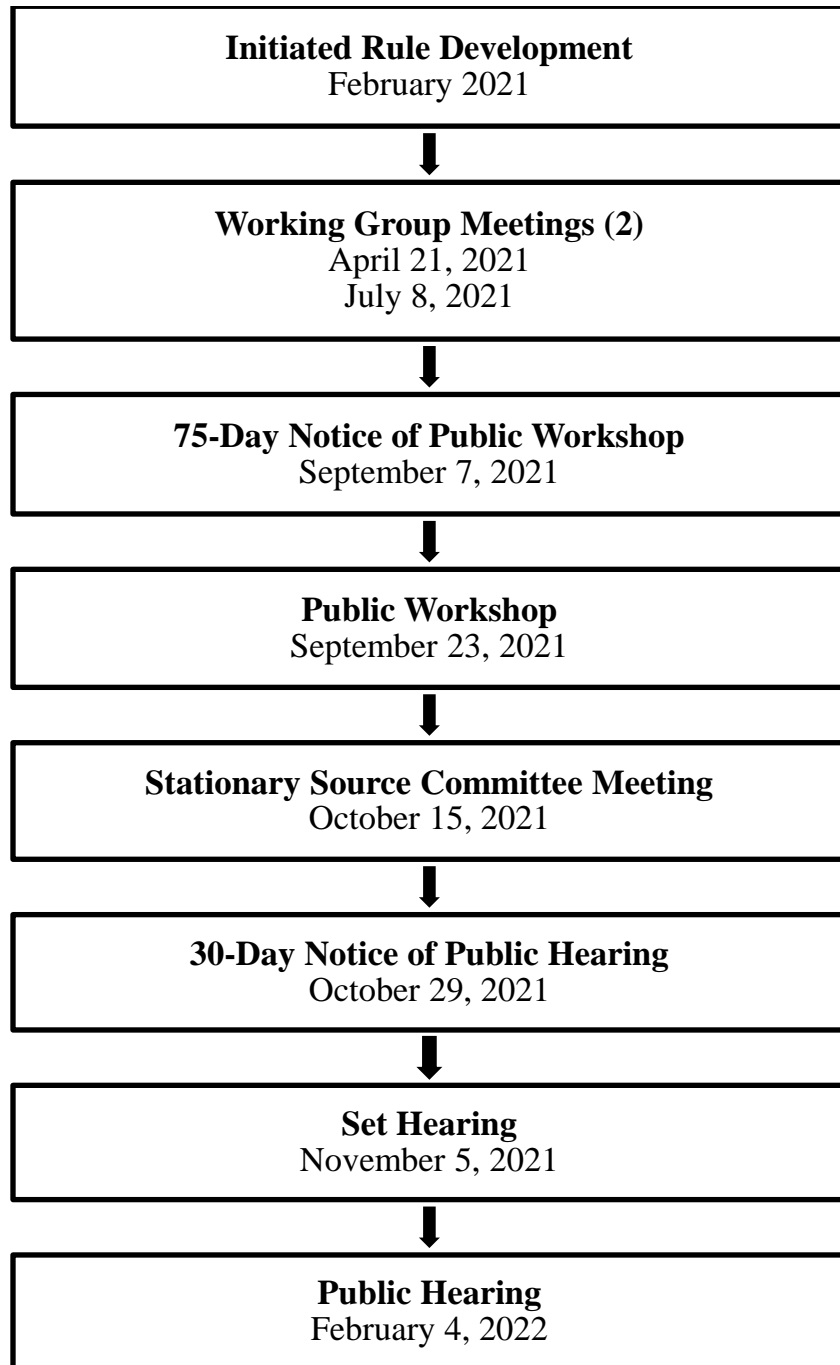
KEY ISSUES AND RESPONSES

Proposed Amended Rule 1134 Emissions of Oxides of Nitrogen from Stationary Gas Turbines

Through the rulemaking process, staff worked with stakeholders to resolve issues and is not aware of any remaining key issues.

ATTACHMENT C
RULE DEVELOPMENT PROCESS

Proposed Amended Rule 1134
Emissions of Oxides of Nitrogen from Stationary Gas Turbines



Twelve (12) months spent in rule development
One (1) Public Workshop
One (1) Stationary Source Committee Meeting
Two (2) Working Group Meetings

ATTACHMENT D
KEY CONTACTS LIST

Proposed Amended Rule 1134
Emissions of Oxides of Nitrogen from Stationary Gas Turbines

Andeavor	Marathon Petroleum
Ashworth Leininger Group	Montrose Environmental
Beta Offshore	National Resources Defense Council
California Air Resources Board	Orange County Sanitation District
California Council for Environmental and Economic Balance	Phillips66 Refinery
California Resources Corporation	Public Solar Power Coalition
California State University, Fullerton	Ramboll
City of Anaheim	Riverside Public Utilities
City of Riverside	Sanitation Districts of Los Angeles County
Chevron	Signal Hill Petroleum
Community Environmental Services	Southern California Air Quality Alliance
Earth Justice	Southern California Edison
Ecotek	Southern California Gas Company
Elements Market LLC	Southport Equipment Corporation
Environmental Management Professionals	Torrance Refinery
ES Engineering Services	U.S. Environmental Protection Agency
Flex Energy	University of California at Irvine
Goss Engineering, Inc.	University of California at Los Angeles
Loma Linda University	VIM Technologies
Los Angeles World Airports	Western States Petroleum Association
Los Angeles Department of Water & Power	World Oil Corporation
	Yorke Engineering

ATTACHMENT E

RESOLUTION NO. 22-____

A Resolution of the Governing Board of the South Coast Air Quality Management District (South Coast AQMD) determining that Proposed Amended Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines (Proposed Amended Rule 1134) is exempt from the requirements of the California Environmental Quality Act (CEQA).

A Resolution of the South Coast AQMD Governing Board amending Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines.

WHEREAS, the South Coast AQMD Governing Board finds and determines that Proposed Amended Rule 1134 is considered a “project” as defined by CEQA; and

WHEREAS, the South Coast AQMD has had its regulatory program certified pursuant to Public Resources Code Section 21080.5 and CEQA Guidelines Section 15251(l), and has conducted a CEQA review and analysis of Proposed Amended Rule 1134 pursuant to such program (South Coast AQMD Rule 110); and

WHEREAS, the South Coast AQMD Governing Board finds and determines after conducting a review of the proposed project in accordance with CEQA Guidelines Section 15002(k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA, and CEQA Guidelines Section 15061 – Review for Exemption, procedures for determining if a project is exempt from CEQA, that Proposed Amended Rule 1134 is exempt from CEQA; and

WHEREAS, the South Coast AQMD Governing Board finds and determines that, since no physical modifications are expected to occur as a result of the proposed project, it can be seen with certainty that there is no possibility that Proposed Amended Rule 1134 may have any significant effects on the environment, and is therefore, exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption; and

WHEREAS, the South Coast AQMD staff has prepared a Notice of Exemption for Proposed Amended Rule 1134 that is completed in compliance with CEQA Guidelines Section 15062 – Notice of Exemption; and

WHEREAS, Proposed Amended Rule 1134 and supporting documentation, including but not limited to, the Notice of Exemption and the Final Staff Report, were presented to the South Coast AQMD Governing Board and the South Coast AQMD Governing Board has reviewed and considered this information, as well as has taken and

considered staff testimony and public comment prior to approving the proposed project; and

WHEREAS, the South Coast AQMD Governing Board finds and determines, taking into consideration the factors in Section (d)(4)(D) of the Governing Board Procedures (Section 30.5(4)(D)(i) of the Administrative Code), that there were no modifications to Proposed Amended Rule 1134 since the Notice of Public Hearing was published; and

WHEREAS, Proposed Amended Rule 1134 will be submitted for inclusion into the State Implementation Plan; and

WHEREAS, Health and Safety Code Section 40727 requires that prior to adopting, amending, or repealing a rule or regulation, the South Coast AQMD Governing Board shall make findings of necessity, authority, clarity, consistency, non-duplication, and reference based on relevant information presented at the public hearing and in the Final Staff Report; and

WHEREAS, the South Coast AQMD Governing Board has determined that a need exists to amend Rule 1134 to remove the ammonia concentration limit for new and modified pollution controls to prevent conflicts with implementing Regulation XIII – New Source Review and other provisions to improve the clarity of Rule 1134; and

WHEREAS, the South Coast AQMD Governing Board obtains its authority to adopt, amend or repeal rules and regulations from Health and Safety Code Sections 39002, 39650 et. seq., 40000, 40001, 40440, 40441, 40702, 40725 through 40728, 41508, and 41700; and

WHEREAS, the South Coast AQMD Governing Board finds that there is an ozone problem that Proposed Amended Rule 1134 will alleviate and that the proposed amended rule will promote the attainment or maintenance of state or federal ambient quality standards; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1134 is written and displayed so that the meaning can be easily understood by the persons directly affected by it; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1134 is in harmony with and not in conflict with, or contradictory to, existing statutes, court decisions, or state or federal regulations; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1134 will not impose the same requirements as any existing state or federal regulations, and the proposed amended rule is necessary and proper to execute the powers and duties granted to, and imposed upon, the South Coast AQMD; and

WHEREAS, the South Coast AQMD Governing Board, in amending Rule 1134, references the following statutes which the South Coast AQMD hereby implements,

interprets, or makes specific: Assembly Bill 617 and Health and Safety Code Sections 39002, 40000, 40001, 40702, 40406 (BARCT), 40440(a), and 40725 through 40728.5, and Clean Air Act Section 172 (c)(1) (reasonably available control technology); and

WHEREAS, Health and Safety Code Section 40727.2 requires that South Coast AQMD to prepare a written analysis of existing federal air pollution control requirements applicable to the same source type being regulated whenever it adopts or amends a rule, and that the South Coast AQMD's comparative analysis of Proposed Amended Rule 1134 is included in the Final Staff Report; and

WHEREAS, the South Coast AQMD Governing Board has determined that the Socioeconomic Impact Assessment is not required, pursuant to Health and Safety Code Section 40440.8 or 40728.5, because Proposed Amended Rule 1134 will not have a significant impact on air quality or emissions limitations; and

WHEREAS, the South Coast AQMD staff conducted a Public Workshop regarding Proposed Amended Rule 1134 on September 23, 2021; and

WHEREAS, a public hearing has been properly noticed in accordance with the provisions of Health and Safety Code Section 40725 and 40440.5; and

WHEREAS, the South Coast AQMD Governing Board has held a public hearing in accordance with all applicable provisions of state and federal law; and

WHEREAS, the South Coast AQMD specifies that the Planning and Rules Manager of Proposed Amended Rule 1134 is the custodian of the documents or other materials which constitute the record of proceedings upon which the adoption of these proposed amendments is based, which are located at the South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, California; and

NOW, THEREFORE BE IT RESOLVED, that the South Coast AQMD Governing Board does hereby determine, pursuant to the authority granted by law, that Proposed Amended Rule 1134 is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption. This information has been presented to the South Coast AQMD Governing Board, whose members exercised their independent judgment and reviewed, considered, and approved the information therein prior to acting on Proposed Amended Rule 1134; and

BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board does hereby adopt, pursuant to the authority granted by law, Proposed Amended Rule 1134 as set forth in the attached, and incorporated herein by reference; and

BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board requests that Proposed Amended Rule 1134 be submitted into the State Implementation Plan; and

BE IT FURTHER RESOLVED, that the Executive Officer is hereby directed to forward a copy of this Resolution and Proposed Amended Rule 1134 to the

California Air Resources Board for approval and subsequent submittal to the U.S. Environmental Protection Agency for inclusion into the State Implementation Plan.

DATE: _____

CLERK OF THE BOARDS

ATTACHMENT F

(Adopted August 4, 1989)(Amended December 7, 1995)
(Amended April 11, 1997)(Amended August 8, 1997)
(Amended April 5, 2019)(Amended February 4, 2022)

PROPOSED
AMENDED
RULE 1134.

**EMISSIONS OF OXIDES OF NITROGEN FROM
STATIONARY GAS TURBINES**

[Rule Index to be included after adoption]

(a) Purpose

The purpose of this rule is to reduce emissions of oxides of nitrogen (NO_x) from stationary gas turbines.

(b) Applicability

The provisions of this rule shall apply to all stationary gas turbines, 0.3 megawatt (MW) and larger. ~~This rule does not apply to stationary gas turbines: subject to Rule 1135—Emissions of Oxides of Nitrogen from Electricity Generating Facilities; located at petroleum refineries, landfills, or publicly owned treatment works; or fueled by landfill gas.~~

(c) Definitions

- (1) ANNUAL CAPACITY FACTOR is the ratio between the measured heat input (in MMBTU) from fuel consumption to a stationary gas turbine during a calendar year and the potential heat input (in MMBTU) to the stationary gas turbine had it been operated for 8,760 hours during a calendar year at the permitted heat input rating, expressed as a percent.
- (2) ~~COGENERATION GAS TURBINE is a gas turbine which is designed to generate electricity and useful heat energy at the same time (combined heat and power).~~
- (32) COMBINED CYCLE/COGENERATION GAS TURBINE is a gas turbine, ~~including cogeneration gas turbines,~~ that recovers heat from the gas turbine exhaust gases.
- (43) COMPRESSOR GAS TURBINE is a stationary gas turbine used to transport gases or liquids in a pipeline.
- (54) DUCT BURNER is a device located in the heat recovery steam generator of a gas turbine that combusts fuel and adds heat energy to the turbine exhaust to increase the output of the heat recovery steam generator.

- (65) EMERGENCY STANDBY GAS TURBINE is a gas turbine that operates only as a power source for a facility when the primary power source has been rendered inoperable, except it may not be used for power interruption pursuant to an interruptible power supply agreement.
- (76) EXHAUST AFTER-TREATMENT is a control method for the post-combustion reduction of NO_x emissions, such as selective catalytic reduction (SCR).
- (87) EXISTING GAS TURBINE is a stationary gas turbine that is located at a non-RECLAIM NO_x facility and ~~met the following criteria~~ was operating prior to August 4, 1989:
- (A) ~~Had been issued a valid permit to construct or operate by the SCAQMD, or~~
 - (B) ~~Was in operation pursuant to the provisions of SCAQMD Rule 219(b)(1).~~
- (8) FORCE MAJEURE NATURAL GAS CURTAILMENT is an interruption in natural gas service due to unavoidable or unforeseeable failure, malfunction, or natural disaster (not resulting from an intentional or negligent act or omission on the part of the owner or operator of a stationary gas turbine), or during an emergency when natural gas is not available, such that the fuel needs of a stationary gas turbine cannot be met with the natural gas available.
- (9) FORMER RECLAIM NO_x FACILITY is a facility, or any of its successors, that was in the NO_x Regional Clean Air Incentives Market (RECLAIM) as of January 5, 2018, as established in Regulation XX, that has received a final determination notification from the Executive Officer ~~or the owner or operator opts out of RECLAIM~~, and is no longer in the RECLAIM program.
- (10) ~~LANDFILL is an entire disposal facility in a contiguous geographical space where solid waste is placed in or on land. A landfill may be active, inactive, or closed.~~
- (10) HEALTH FACILITY has the same meaning as defined in Section 1250 of the California Health and Safety Code.
- (11) NATURAL GAS is a mixture of gaseous hydrocarbons, with at least 80 percent methane (by volume), and of pipeline quality, such as the gas sold or distributed by any utility company regulated by the California Public Utilities Commission.

- (12) NON-RECLAIM NO_x FACILITY is a facility, or any of its successors, that was not in the ~~NO_x Regional Clean Air Incentives Market~~ RECLAIM as of January 5, 2018, as established in Regulation XX.
- (13) OXIDES OF NITROGEN (NO_x) EMISSIONS is the sum of nitric oxides and nitrogen dioxides emitted, collectively expressed as nitrogen dioxide emissions.
- (14) OUTER CONTINENTAL SHELF is as defined in 40 CFR, Part 55 – Outer Continental Shelf Air Regulations.
- ~~(15) PETROLEUM REFINERY is a facility identified by the North American Industry Classification System Code 324110, Petroleum Refineries.~~
- (16) POWER AUGMENTATION is the increase in the gas turbine shaft output and/or the decrease in gas turbine fuel consumption by the addition of energy recovered from exhaust heat.
- ~~(17) PUBLICLY OWNED TREATMENT WORKS are wastewater treatment or reclamation plants owned and operated by a public entity, including all operations within the boundaries of the wastewater and sludge treatment plant.~~
- (18) PRODUCED GAS is made up of organic compounds that are gaseous at standard temperature and pressure and are associated with the production, gathering, separation, or processing of crude oil.
- ~~(19) RATING OF A GAS TURBINE is the continuous MW (megawatt) rating or mechanical equivalent by a manufacturer for a gas turbine without power augmentation.~~
- (20) RECLAIM NO_x FACILITY is a facility or its successor that was in the Regional Clean Air Incentives Market as of January 5, 2018, as established in Regulation XX and is still in RECLAIM on the relevant date.
- (21) RECUPERATIVE GAS TURBINE is any combustion turbine that recovers combustion heat from the exhaust with an integrated heat exchanger (recuperator) to preheat the compressor discharge air prior to combustion.
- (22) SEWAGE DIGESTER GAS is any gas derived from anaerobic decomposition of organic sewage.
- ~~(23) SHUTDOWN is the time period that begins when a stationary gas turbine reduces load and which ends in a period of zero fuel flow, or as otherwise defined in the SCAQMD permit to operate as defined in Rule 429.~~

- ~~(23)~~ SIMPLE CYCLE GAS TURBINE is any stationary combustion turbine
~~(22)~~ that does not recover heat from the combustion turbine exhaust gases to
 heat water or generate steam.
- ~~(24)~~ ~~START UP~~STARTUP is the time period that begins when a stationary gas
~~(23)~~ turbine combusts fuel after a period of zero fuel flow and which ends when
 the stationary gas turbine generates electricity for sale or for any other
 purpose including on-site use, or as otherwise defined in the SCAQMD
 permit to operate as defined in Rule 429.
- ~~(25)~~ STATIONARY GAS TURBINE is any gas turbine that is gas and/or liquid
~~(24)~~ fueled with or without power augmentation. This gas turbine is either
 attached to a foundation at a facility or is portable equipment that will reside
 at the same location for more than 12 consecutive months. Two or more gas
 turbines powering one shaft shall be treated as one gas turbine.
- ~~(26)~~ THERMAL STABILIZATION PERIOD is the two-hour start up time
~~(25)~~ necessary for NO_x control purposes in ~~co~~generation cycle, combined
 cycle/cogeneration, recuperative, or any other applicable stationary gas
 turbines.
- ~~(27)~~ TUNING is adjusting, optimizing, rebalancing, or other similar operations
~~(26)~~ to a stationary gas turbine or an associated control device or otherwise as
 defined in the South Coast AQMD Permit to Construct or permit-Permit to
 ~~operate~~Operate. Tuning does not include normal operations to meet load
 fluctuations.

(d) Emissions Limitations

- (1) Until the existing gas turbine operates in compliance with subparagraph
 (d)(3), but no later than December 31, 2023, the owner or operator of any
 existing gas turbine shall not operate such unit under load conditions,
 excluding the thermal stabilization period or other time period specified in
 the Permit to Construct or the Permit to Operate issued prior to August 4,
 1989, which result in the discharge of oxides of nitrogen (NO_x) emissions,
 directly or indirectly, into the atmosphere at concentrations in excess of the
 following as measured pursuant to subdivision (f):

$$Compliance\ Limit = Reference\ Limit \times \frac{EFF}{25\%}$$

Where:

Compliance Limit = allowable NO_x emissions (ppm by volume).

Reference Limit = the NO_x emission limit (ppm by volume) is corrected to 15 percent oxygen on a dry basis, and averaged over 15 consecutive minutes. These limits for various megawatt ratings (continuous rating by the manufacturer without power augmentation) are as follows:

REFERENCE NO_x LIMITS, PPM

Stationary Gas Turbine Size Megawatt (MW) Rating	Effective 12-31-95
0.3 to Less Than 2.9 MW	25
2.9 to Less Than 10.0 MW	9
2.9 to Less Than 10.0 MW No SCR	15
10.0 MW and Over	9
10.0 MW and Over No SCR	12
60 MW and Over Combined Cycle No SCR	15
60 MW and Over Combined Cycle	9
	<u>Effective 4/11/97</u>
2.9 to Less Than 10.0 MW Utilizing Fuel Containing a Minimum of 60% Sewage Digester Gas by Volume on a Daily Average	25

And,

$$EFF = \frac{3413 \times 100\%}{\text{Actual Heat Rate at Higher Heat Value (HHV) of Fuel (BTU/KW-HR)}}$$

or,

$$EFF = \frac{(\text{Manufacturer's Rated Efficiency at Lower Heating Value (LHV)})}{\frac{LHV}{HHV}}$$

or₂

EFF = the demonstrated percent efficiency of the gas turbine only as calculated without consideration of any downstream energy recovery from the actual heat rate, (BTU/KW HR) or 1.34 BTU/HP; corrected to the HHV (higher heating value) of the fuel, as measured at peak load for that facility; or the manufacturer's continuous rated percent efficiency (manufacturer's rated efficiency) of the gas turbine after correction from LHV (lower heating value) to the HHV of the fuel, whichever efficiency is higher. The value of EFF shall not be less than 25 percent. Gas turbines with lower efficiencies will be assigned a 25 percent efficiency for this calculation.

- (2) The operator of any existing gas turbine subject to this rule shall also be subject to Regulation XIII – New Source Review if carbon monoxide (~~CO~~) emissions increase as a result of the application of NO_x controls.
- (3) ~~Notwithstanding the exemptions contained in Rule 2001 – Applicability, Table I Rules Not Applicable to RECLAIM Facilities for Requirements Pertaining to NO_x Emissions, or~~ On and after January 1, 2024, or when required by a Permit to Construct or permit-Permit to operate~~Operate~~, whichever occurs first, the owner or operator of any stationary gas turbine, excluding compressor gas turbines, shall not operate such unit ~~under load conditions, excluding start-up, shutdown, and tuning periods, which result in the discharge of NO_x and ammonia emissions, directly or indirectly, into the atmosphere at concentrations in excess of~~ in a manner that exceeds the following emissions limits listed in Table I. The NO_x emission limits in Table I shall not apply during tuning periods, or startup and shutdown periods pursuant to Rule 429.

Table I: Emissions Limits for Stationary Gas Turbines
(Corrected to 15% oxygen on a dry basis)

Fuel Type	NO _x (ppmv)	Ammonia (ppmv)
Liquid Fuel – Turbines Located on Outer Continental Shelf	30	5
Natural Gas – Combined Cycle/ <u>Cogeneration</u> Turbine	2	5
Natural Gas – Simple Cycle Turbine	2.5	5
Produced Gas	9	5
Produced Gas – Turbines Located on Outer Continental Shelf	15	5
Other ¹	12.5	5

¹Includes recuperative gas turbines

- (A) Until an existing or replacement compressor gas turbine located at a former RECLAIM NO_x facility meets the NO_x limit specified in subparagraph (d)(3)(B), the owner or operator shall not operate this existing compressor gas turbine in a manner that exceeds 68 ppmv NO_x, corrected to 15 percent oxygen on a dry basis.
- (4) (B) ~~Notwithstanding the exemptions contained in Rule 2001— Applicability, Table I— Rules Not Applicable to RECLAIM Facilities for Requirements Pertaining to NO_x Emissions, 24~~ Twenty-four months after a permit-Permit to construct-Construct is issued by the Executive Officer, or 36 months after a permit-Permit to construct-Construct is issued by the Executive Officer if the application was submitted by July 1, 2021, the owner or operator of a compressor gas turbine, shall not operate such the unit under load conditions, excluding startup, shutdown, and tuning periods, which result in the discharge of NO_x and ammonia emissions, directly or indirectly, into the atmosphere at concentrations in excess of the NO_x following emissions limits listed in Table II.

Table II: Emissions Limits for Compressor Gas Turbines
(Corrected to 15% oxygen on a dry basis)

Fuel Type	NO _x (ppmv)	Ammonia (ppmv)
Natural Gas – Compressor Gas Turbine	3.5	10

- (5) ~~Start-Up, Shutdown, and Tuning~~
~~The owner or operator of a stationary gas turbine shall meet start-up, shutdown, and tuning requirements in the SCAQMD permit to operate. On and after January 1, 2024, the SCAQMD permit to operate shall include limitations for duration, mass emissions, and number of start-ups, shutdowns, and tunings.~~
- (46) Averaging Time
- (A) Stationary gas turbines installed prior to April 5, 2019 shall comply with the averaging time requirements specified on the South Coast AQMD permit-Permit to operate-Operate as of April 5, 2019, not to exceed 3 hours.
- (B) Stationary gas turbines installed on and after April 5, 2019 shall average the NO_x, ~~and ammonia~~ emissions limits in Table I over a 60-minute rolling average.
- (C) Stationary compressor gas turbines installed after April 5, 2019 shall average the NO_x ~~and ammonia~~ emissions limits in Table II over a three-hour rolling average.
- (57) ~~Use Prohibition~~ of Liquid Fuel
 An owner or operator of a stationary gas turbine shall not burn liquid fuel in a stationary gas turbine except for:
- (A) Those located in the Outer Continental Shelf; or
- (B) Those providing power for a health facility during a force majeure natural gas curtailment pursuant to paragraph (d)(8).
- (68) On or before July 1, 2022, the owner or operator of a stationary gas turbine shall submit an application for a permit-Permit to construct-Construct or change of permit conditions to reconcile the permit-Permit to operate-Operate with Rule 1134.
- (79) The owner or operator of a compressor gas turbine may submit a request to the Executive Officer for approval of an extension of up to 12 months to

meet the NO_x limits specified in ~~paragraph (d)(4)~~ Table II and up to an additional 36 months to meet the ammonia emission limits specified in the Permit to Construct or Permit to Operate (such request shall be considered a plan for purposes of Rules 216 – Appeals and Rule 221 – Plans).

- (A) The owner or operator that elects to submit a request for a time extension shall submit the request at least 30 days before the compliance deadline specified in ~~paragraph (d)(4)~~ Table II or in the Permit to Construct or Permit to Operate.
- (B) The owner or operator that submits a request for a time extension request shall provide the following information to the Executive Officer:
 - (i) Identification of the units for which a time extension is needed;
 - (ii) The reason(s) a time extension is needed;
 - (iii) Progress of replacing or retrofitting the compressor gas turbine(s);
 - (iv) The length of time requested;
 - (v) A demonstration that actual facility NO_x emissions will decrease by at least an average of 25 ~~percent~~% in the two years prior to the extension request in comparison to 2017 facility NO_x emissions;-
 - (vi) Installation of an ammonia continuous emission monitoring system (CEMS) certified under an approved South Coast AQMD protocol, if an extension is requested beyond 12 months to comply with the ammonia emission limits in ~~paragraph (d)(4)~~ the Permit to Construct or Permit to Operate;- and
 - (vii) A demonstration that use of ~~a~~ the turbine being replaced or retrofitted is less than 1,000 hours annually if an extension is requested beyond 24 months to comply with the ammonia emission limits in ~~paragraph (d)(4)~~ the Permit to Construct or Permit to Operate.
- (C) The Executive Officer will approve or disapprove the request for a time extension. Approval or disapproval will be based on the following criteria:

- (i) The owner or operator prepared the request for a time extension in compliance with subparagraphs ~~(d)(9)(A) and (d)(9)(B)~~ (d)(7)(A) and (d)(7)(B); and
 - (ii) The owner or operator provided sufficient details identifying the reason(s) a time extension is needed that demonstrates to the Executive Officer that there are extenuating circumstances that necessitate additional time to complete implementation. Such a demonstration may include, but is not limited to, providing detailed schedules, engineering designs, construction plans, land acquisition contracts, permit applications, test results, and purchase orders.
- (D) The owner or operator may appeal the rejection of the extension to the Hearing Board under Rule 216—~~Appeals~~. If the Hearing Board denies the appeal, the emissions limits must be complied with by the compliance deadline specified in ~~paragraph (d)(4)~~ subparagraph (d)(3)(B) or 30 days after the Hearing Board denial, whichever is later.

(8) Force Majeure Natural Gas Curtailment for Health Facilities

An owner or operator of a stationary gas turbine at a health facility shall not be subject to the NO_x emission limits specified in paragraph (d)(3) during force majeure natural gas curtailment when the use of liquid fuel is required, provided that:

- (A) The health facility is required by the 2019 California Code of Regulations, Title 24, Part 3, Articles 517.29 and 517.30 to have a minimum of two independent power sources;
- (B) For each occurrence, a corporate officer shall sign an affidavit, which shall be maintained at the facility for a period of five years, affirming that liquid petroleum fuel was burned due to force majeure natural gas curtailment;
- (C) The Permit to Construct or Permit to Operate for the stationary gas turbine specifies a NO_x emission limit when the stationary gas turbine burns liquid fuel; and
- (D) The stationary gas turbine meets the NO_x emission limit specified in paragraph (d)(3) upon completion of the force majeure natural gas curtailment.

(9) Fuel Readiness Testing

An owner or operator of a stationary gas turbine shall not be subject to the NO_x emissions limits specified in paragraph (d)(3) during fuel oil readiness testing, provided that:

(A) The Permit to Construct or Permit to Operate for the stationary gas turbine specifies a NO_x emission limit and duration limits when the stationary gas turbine burns liquid fuel;

(B) Fuel oil readiness testing only occurs after the equipment has reached the emission limits specified in paragraph (d)(3) while firing on natural gas and shall commence no later than 60 minutes after achieving the emission limits specified in paragraph (d)(3) while firing on natural gas; and

(C) Each fuel oil readiness test shall commence when the stationary gas turbine switches from natural gas to liquid fuel and conclude when the stationary gas turbine switches from liquid fuel to natural gas.

(e) Monitoring and Source Testing

The owner or operator of any stationary gas turbine subject to the provisions of this rule shall perform the following actions:

(1) ~~For~~ Stationary gas turbines 2.9 MW and larger (continuous rating by the manufacturer without power augmentation) located at a non-RECLAIM NO_x facility or a former RECLAIM NO_x facility, shall install, operate, and maintain in calibration a continuous in-stack NO_x and oxygen monitoring system which meets the requirements of South Coast AQMD Rules 218 – Continuous Emission Monitoring, 218.1 – Continuous Emission Monitoring Performance Specifications, 218.2 – Continuous Emission Monitoring System: General Provisions, and 218.3 – Continuous Emission Monitoring System: Performance Specifications to demonstrate compliance with the emission limits of this rule. This system shall include equipment that measures and records the following:

(A) Flow rate of liquids or gases and the ratio of water or steam to fuel added to the combustion chamber or to the exhaust for the reduction of NO_x emissions, as applicable;

(B) Elapsed time of operation; and

(C) Turbine output in MW.

- (2) Source Testing
- (A) The owner or operator of any existing gas turbine located at a non-RECLAIM NO_x facility operating without a CEMS~~continuous emission monitoring system~~, shall provide source test information regarding the gas turbine's exhaust gas NO_x concentration, and the demonstrated percent efficiency (EFF), or the manufacturer's rated EFF, if the Executive Officer determines that it is representative of the unit's EFF, and the carbon monoxide concentration as specified pursuant to paragraph (f)(1). NO_x and carbon monoxide concentrations shall be in ppm by volume, corrected to 15 percent oxygen on a dry basis.
- (B) The owner or operator of each stationary gas turbine with a catalytic control device shall conduct source testing pursuant to clause(e)(2)(C)(iii) or utilize an ammonia CEMS~~continuous emission monitoring system~~ certified under an approved South Coast AQMD protocol to demonstrate compliance with the ammonia emission limit in the Permit to Construct or Permit to Operate.
- (C) Source Test Frequency
- (i) The owner or operator of each stationary gas turbine operating without a NO_x CEMS and a catalytic control device not using an ammonia CEMS~~continuous emission monitoring system~~ and emitting 25 tons or more of NO_x per calendar year shall perform NO_x and ammonia source tests simultaneously to demonstrate compliance with the NO_x emission limits of this rule and the ammonia emission limits in the Permit to Construct or Permit to Operate, at least once every calendar year.
- (ii) The owner or operator of each stationary gas turbine operating without a NO_x CEMS and catalytic control device not using an ammonia CEMS, ~~continuous emission monitoring system~~ and emitting less than 25 tons of NO_x per calendar year shall perform NO_x and ammonia source tests simultaneously to demonstrate compliance with the NO_x emission limits of this rule and ammonia emission

limits in the Permit to Construct or Permit to Operate, at least once every three calendar years.

- (iii) The owner or operator of each stationary gas turbine with a NO_x CEMS and a catalytic control device not utilizing using an ammonia CEMS~~continuous emission monitoring system~~ shall conduct an ammonia source tests quarterly to demonstrate compliance during the first ~~12~~twelve months of operation of the catalytic control device and every calendar year thereafter when four consecutive source tests demonstrate compliance with the ammonia emission limit in the Permit to Construct or Permit to Operate. If a source test is failed, four consecutive quarterly source tests shall demonstrate compliance with the ammonia emissions limits prior to resuming source tests annually.
 - (iv) The owner or operator of each stationary gas turbine without a NO_x CEMS and with a catalytic control device using an ammonia CEMS shall conduct a NO_x source test to determine compliance with NO_x emission limits, at least once every three calendar years.
- (3) The owner or operator of each stationary gas turbine subject to Rule 1134 located at a RECLAIM NO_x facility shall comply with South Coast AQMD Rule 2012 – Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NO_x) Emissions to demonstrate compliance with the NO_x emissions limits of this rule.
- (4) ~~The owner or operator of each stationary gas turbine subject to Rule 1134 located at a former RECLAIM NO_x facility shall conduct monitoring and recordkeeping pursuant to SCAQMD Rule 2012 – Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NO_x) Emissions, excluding the following:~~
- (A) ~~Rule 2012 paragraphs (e)(3) through (e)(8), reporting and Super Compliant facilities;~~
 - (B) ~~Rule 2012 subparagraphs (d)(2)(B) through (d)(2)(E), reporting and emission factors;~~
 - (C) ~~Rule 2012 subdivision (e), NO_x Process Units;~~
 - (D) ~~Rule 2012 paragraphs (g)(5) through (g)(8), reporting;~~

- ~~(E) Rule 2012 paragraphs (h)(1), (h)(2), and (h)(4) through (h)(6), reporting and mass emissions;~~
- ~~(F) Rule 2012 subdivisions, (i), (k), and (l), Recordkeeping, Exemptions, and Appeals; and~~
- ~~(G) Reported Data and Transmitting/Reporting Frequency requirements from Rule 2012 Appendix A “Protocol for Monitoring, Reporting and Recordkeeping for Oxides of Nitrogen (NO_x) Emissions.”~~

(f) Test Methods

The following may be used by the Executive Officer to verify the concentrations of NO_x, ammonia, carbon monoxide (~~CO~~), and oxygen subject to the provisions of this rule. Emissions determined to exceed any limits established by this rule through either of the following shall constitute a violation of this rule.

- (1) South Coast AQMD Test Methods 3.1, 5.3, 7.1, 10.1, 100.1, and 207.1, and U.S. EPA Test Methods 10 and 17, or any method deemed to be equivalent by the Executive Officer and approved by CARB and U.S. EPA.
- (2) Data obtained from a CEMS ~~continuous emissions monitoring system~~, which is installed and properly operated according to paragraph (e)(1) of this rule and as approved by the Executive Officer.
- (3) Emissions determined to exceed any limits established by this rule through the use of any of the above-referenced test methods shall constitute a violation of the rule.

(g) Recordkeeping

The owner or operator of a stationary gas turbine shall comply with the following provisions ~~effective on and after~~ July 5, 2019:

- (1) All records shall be maintained at the facility for a period of two years and made available to South Coast AQMD staff upon request.
- (2) Maintain a stationary gas turbine operating log that includes, on a daily basis, the actual ~~start-up~~ startup and ~~shut-down~~ shutdown times; total hours of operation; type and quantity of fuel used (liquid/gas); cumulative hours of operation to date for the calendar year.
- (3) Install, operate, and maintain a data acquisition system (DAS) to demonstrate compliance with the provisions subdivisions (d) and (h) of this rule.

- (4) The results of source tests shall be submitted to the South Coast AQMD in a form and manner as specified by the Executive Officer within 60 days after source testing is completed.
- (5) Any person using an emission control system as a means of complying with this rule shall maintain daily records of system operation and maintenance which will demonstrate continuous operation and compliance of the emission control device during periods of emission producing activities.

(h) Exemptions

The owner or operator seeking to qualify for any one of the following exemptions has the burden of proving their stationary gas turbine meets the applicable specified criteria.

- (1) All provisions of this rule shall not apply to the following:
 - (A) Laboratory gas turbines used in research and testing; ~~and~~
 - (B) Gas turbines operated exclusively for firefighting and/or flood control; ~~and~~
 - (C) Gas turbines subject to:
 - (i) Rule 1109.1 – Emissions of Oxides of Nitrogen for Petroleum Refineries and Related Operations;
 - (ii) Rule 1135 – Emissions of Oxides of Nitrogen from Electricity Generating Facilities;
 - (iii) Rule 1150.3 – Emissions of Oxides of Nitrogen from Combustion Equipment at Landfills; and
 - (iv) Rule 1179.1 – Emission Reductions from Combustion Equipment at Publicly Owned Treatment Works Facilities.
- (2) Emergency Standby Gas Turbines
 - (A) The owner or operator of an emergency standby gas turbine shall not be subject to subdivisions (d) and (e), and paragraphs (g)(3), (g)(4), and (g)(5) for that turbine, provided that the owner or operator of the emergency standby gas turbine shall:
 - (i) Install and maintain in proper operation a non-resettable engine hour meter; and
 - (ii) Demonstrates less than 200 hours of operation per calendar year.

- (B) If the hour-per-year limit is exceeded, the exemption shall be automatically and permanently withdrawn. The owner or operator of any stationary gas turbine exempt under subparagraph (h)(2)(A) shall:
- (i) Notify the Executive Officer within seven days of the date the hour-per-year limit is exceeded; and
 - (ii) Within 30 days after the date the hour-per-year limit is exceeded, submit a permit application for modification to equipment to meet the applicable compliance limit within 24 months of the date the hour-per-year limit is exceeded. Included with this permit application, the owner or operator shall submit an emission control plan including a schedule of increments of progress for the installation of the required control equipment. This plan and schedule shall be subject to the review and approval of the Executive Officer.
- (3) Combined Cycle/Cogeneration Gas Turbines
The owner or operator of a combined cycle/cogeneration gas turbine installed prior to April 5, 2019 shall not be subject to paragraph (d)(3) for that combined cycle/cogeneration gas turbine, provided that:
- (A) The South Coast AQMD permit-Permit to operate-Operate as of April 5, 2019 includes a condition limiting the NO_x concentration to 2.5 ppmv NO_x at 15. ~~%~~-percent oxygen on a dry basis; and
 - (B) The NO_x and ammonia limits, averaging times, and ~~start-up~~startup, shutdown, and tuning requirements specified on the South Coast AQMD permit-Permit to operate-Operate as of April 5, 2019 are retained.
- (4) Low-Use
- (A) The owner or operator of a stationary gas turbine installed prior to April 5, 2019 shall not be subject to subdivision (d) for that stationary gas turbine, provided that:
 - (i) The stationary gas turbine maintains an annual capacity factor of less than twenty-five percent each calendar year;
 - (ii) The stationary gas turbine maintains an annual capacity factor of less than ten percent averaged over three consecutive calendar years on a rolling basis;

- (iii) The stationary gas turbine retains the NO_x and ammonia limits, averaging times, and ~~start-up~~startup, shutdown, and tuning requirements specified on the ~~SCAQMD permit~~ Permit to Operate as of April 5, 2019;
 - (iv) The NO_x limit shall not exceed 12 ppmv at 15% ~~percent~~ oxygen on a dry basis ~~and the ammonia limit shall not exceed 10 ppmv at 15% oxygen on a dry basis~~; and
 - (v) The low-use exemption is a condition of the ~~SCAQMD permit~~ Permit to Operate.
- (B) The owner or operator of a stationary gas turbine that elects the low-use exemption pursuant to subparagraph (h)(4)(A) shall submit permit applications for each stationary gas turbine requesting the change of South Coast AQMD permit conditions to incorporate the low-use exemption by July 1, 2022.
- (C) The owner or operator shall determine eligibility of the low-use exemption for each stationary gas turbine annually and report to the Executive Officer no later than March 1 following each reporting year.
- (D) If a stationary gas turbine with a low-use exemption pursuant to subparagraph (h)(4)(A) exceeds the annual or three-year average annual capacity factor limit, such an exceedance shall be a violation of this rule and the owner or operator of that stationary gas turbine is subject to issuance of a notice of violation each year there is an exceedance for each annual and/or three-year exceedance. The owner or operator of that stationary gas turbine shall:
- (i) Submit complete South Coast AQMD permit applications to repower, retrofit, or retire that stationary gas turbine within six months from the date of the reported exceedance of subparagraph (h)(4)(A);
 - (ii) Submit a CEMS Plan within six months from the date of complete South Coast AQMD permit application submittal pursuant to clause (h)(4)(D)(i); and
 - (iii) Not operate that stationary gas turbine in a manner that exceeds the emissions limits listed in Table I after two

years from the date of the reported exceedance of
subparagraph (h)(4)(A).

- (5) The ammonia limits in Table 1 and ammonia source testing requirements of ~~clause (e)(2)(C)(iii)~~ subparagraph (e)(2)(C) shall not apply to turbines that do not use selective catalytic reduction or other processes that add ammonia into the exhaust gas.

ATTACHMENT G

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Final Staff Report

Proposed Amended Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines

February 2022

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WAYNE NASTRI

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CHAPTER 1: BACKGROUND

INTRODUCTION

BACKGROUND

REGULATORY BACKGROUND

PUBLIC PROCESS

INTRODUCTION

In March 2017, the South Coast AQMD adopted the Final 2016 Air Quality Management Plan (2016 AQMP) which includes a series of control measures to achieve the National Ambient Air Quality Standards for ozone. The adoption resolution of the 2016 AQMP directed staff to achieve additional NO_x emission reductions and to transition the Regional Clean Air Incentives Market (RECLAIM) program to a command-and-control regulatory structure requiring Best Available Retrofit Control Technology (BARCT) as soon as practicable. In addition, California State Assembly Bill 617 (AB 617), which was signed by the Governor on July 26, 2017 and affects RECLAIM facilities that are also in the California Greenhouse Gas Cap-and-Trade program, requires implementation of BARCT no later than December 31, 2023, with priority given to older, higher polluting units.

Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines (Rule 1134) was adopted in 1989 and mostly recently amended in April 2019 to facilitate the transition of the NO_x RECLAIM program to a command-and-control regulatory structure and to implement Control Measure CMB-05 – Further NO_x Reductions from RECLAIM Assessment (Control Measure CMB-05) of the 2016 AQMP. Rule 1134 applies to stationary gas turbines that are located at RECLAIM, former RECLAIM, and non-RECLAIM facilities. Rule 1134 does not apply to gas turbines that are subject to Rule 1109.1 – Emissions of Oxides of Nitrogen from Petroleum Refineries and Related Operations (Rule 1109.1), Rule 1135 – Emissions of Oxides of Nitrogen from Electricity Generating Facilities (Rule 1135), Rule 1150.3 – Emissions of Oxides of Nitrogen from Combustion Equipment at Landfills (Rule 1150.3), and Rule 1179.1 – Emission Reductions from Combustion Equipment at Publicly Owned Treatment Works Facilities (Rule 1179.1).

Proposed Amended Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines (PAR 1134) will remove the ammonia emission limits for gas turbines and the provisions for startup, shutdown, and tuning to be consistent with policy changes that have been implemented after 2019. Additionally, PAR 1134 clarifies that recuperative gas turbines are included in a category referred to as “other” and adds new provisions for liquid fuel usage for health facilities to ensure Rule 1134 is consistent with state law provisions for use of liquid fuel in certain situations at health facilities.

The United States Environmental Protection Agency (U.S. EPA) has commented that interim emission limits are needed for former RECLAIM facilities that have compliance dates after the facility transitions out of RECLAIM. Only compressor gas turbines have NO_x BARCT limits that are likely to be implemented after the sunset of RECLAIM. PAR 1134 will establish an interim NO_x limit of 68 ppm for compressor gas turbines under subparagraph (d)(3)(B) which is consistent with current permit limits for this equipment.

BACKGROUND

The South Coast AQMD Governing Board adopted the RECLAIM program in October 1993. The purpose of RECLAIM is to reduce NO_x and SO_x emissions through a market-based approach. The program replaced a series of existing and future command-and-control rules and was designed to provide facilities with the flexibility to seek the most cost-effective solution to reduce their emissions. It also was designed to provide equivalent emission reductions, in the aggregate, for

the facilities in the program compared to what would occur under a command-and-control regulatory approach. Regulation XX – Regional Clean Air Incentives Market (RECLAIM) (Regulation XX) includes a series of rules that specify the applicability and procedures for determining NO_x and SO_x facility emissions allocations, program requirements, as well as monitoring, reporting, and recordkeeping requirements for RECLAIM facilities.

In response to concerns regarding actual emission reductions and implementation of BARCT under RECLAIM, Control Measure CMB-05 of the 2016 AQMP committed to an assessment of the RECLAIM program in order to achieve further NO_x emission reductions of five tons per day, including actions to sunset the program and ensure future equivalency to command-and-control regulations. During the adoption of the 2016 AQMP, the Resolution directed staff to modify Control Measure CMB-05 to achieve the five tons per day NO_x emission reduction as soon as feasible but no later than 2025, and to transition the RECLAIM program to a command-and-control regulatory structure requiring BARCT-level controls as soon as practicable. Staff provided a report on transitioning the NO_x RECLAIM program to a command-and-control regulatory structure at the May 5, 2017 Governing Board meeting and provides quarterly updates to the Stationary Source Committee, with the first quarterly report provided on October 20, 2017.

On July 26, 2017, AB 617 was approved by the Governor, which addresses non-vehicular air pollution (criteria pollutants and toxic air contaminants). Among the requirements of this bill is an expedited schedule for implementing BARCT for cap-and-trade facilities. The highest priority are given to older, higher polluting units that need to install retrofit controls.

REGULATORY BACKGROUND

Rule 1134 was adopted in 1989. The rule applies to stationary gas turbines rated at 0.3 megawatts (MW) and larger that were issued a Permit to Operate by the South Coast AQMD prior to August 4, 1989. The origin of the rule can be traced to a 1979 U.S. EPA New Source Performance Standard for Stationary Gas Turbines. In 1981, the California Air Resources Board (CARB) adopted a Suggested Control Measure for this same equipment. Rule 1134 was subsequently amended four times as summarized below.

- In December 1995, Rule 1134 was amended to exempt gas turbines located on San Clemente Island and the South East Desert Air Basin.
- In April 1997, Rule 1134 was amended to increase the NO_x concentration limit for turbines utilizing sewage digester gas.
- In August 1997, Rule 1134 was amended to clarify the need for continuous emission monitoring systems (CEMS) on turbines with a power output of 2.9 MW and larger.
- In April 2019, Rule 1134 was amended to expand the applicability to include gas turbines installed after 1989 and RECLAIM facilities, lower NO_x concentration limits for gas turbines based on a BARCT assessment, establish new ammonia slip limits and exemptions for low-use and near-NO_x-limit gas turbines, clarify monitoring, recordkeeping, and reporting compliance for former RECLAIM and non-RECLAIM facilities, and exclude gas turbines located at electricity generating facilities, petroleum refineries, publicly-owned treatment works, landfills, and turbines utilizing landfill gas.

U.S. EPA approved Rule 1134 amendments through 1997 and were included into the SIP on August 1, 2000. The April 2019 amendments were not submitted into the SIP because amendments

were needed for the startup and shutdown provisions. The April 2019 amendments along with the current amendments will be submitted into the SIP.

Stationary Gas Turbines and RECLAIM

Beginning in 1994, a large number of utilities and third-party owned cogeneration facilities were included in the RECLAIM program and as such were not required to meet the NO_x concentration limits imposed by Rule 1134 which had effective dates post 1994. However, gas turbines permitted prior to August 4, 1989 that were used at publicly owned treatment works, landfills, hospitals, and other public facilities, were not included in RECLAIM and were required to meet the NO_x concentration limits in Rule 1134. The 2019 amendment to Rule 1134 revised the applicability to all stationary gas turbines located at non-RECLAIM, former RECLAIM, and RECLAIM facilities (excluding those subject to Rule 1109.1, Rule 1135, Rule 1150.3, and Rule 1179.1), regardless of the date they were permitted.

PUBLIC PROCESS

Development of Proposed Amended Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines was conducted through a public process. South Coast AQMD held two working group meetings on April 21, 2021 and July 8, 2021. The Working Group is composed of representatives from businesses, environmental groups, public agencies, and consultants. The purpose of the Working Group Meetings is to discuss proposed concepts and work through the details of staff's proposal. Additionally, a Public Workshop was held on September 23, 2021.

CHAPTER 2: SUMMARY OF PROPOSAL

INTRODUCTION

APPLICABILITY (Subdivision (b))

DEFINITIONS (Subdivision (c))

EMISSIONS LIMITS (Subdivision (d))

MONITORING, RECORDKEEPING, AND REPORTING (Subdivision (e))

EXEMPTIONS (Subdivision (h))

INTRODUCTION

Proposed Amended Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines (PAR 1134) removes the ammonia emission limits for gas turbines and the provisions for startup, shutdown, and tuning. Additionally, PAR 1134 addresses recuperative gas turbines by inclusion into the “Other” category of stationary gas turbines, adds new provisions for liquid fuel usage for health facilities, and includes an interim emission limit for compressor gas turbines.

APPLICABILITY (Subdivision (b))

PAR 1134 applies to all stationary gas turbines located at non-RECLAIM and RECLAIM facilities, regardless of the date they were permitted, excluding those subject to other facility specific Regulation XI rules. PAR 1134 will move the following rules to the exemption section: Rule 1135 – Emission of Oxides of Nitrogen from Electricity Generating Facilities, Rule 1150.3 – Emissions of Oxides of Nitrogen from Combustion Equipment at Landfills, Rule 1179.1 – Emission Reductions from Combustion Equipment at Publicly Owned Treatment Works Facilities, and Rule 1109.1 – Emissions of Oxides of Nitrogen from Petroleum Refineries and Related Operations.

DEFINITIONS (Subdivision (c))

PAR 1134 adds and modifies definition to clarify and explain key concepts and removes obsolete definitions. Please refer to PAR 1134 for each definition.

Proposed Deleted Definitions:	Cogeneration Gas Turbine Landfill Petroleum Refinery Publicly Owned Treatment Works
Proposed Added Definitions:	Force Majeure Natural Gas Curtailment Health Facility Recuperative Gas Turbine
Proposed Modified Definitions:	Combined Cycle/Cogeneration Gas Turbine Existing Gas Turbine Former RECLAIM NOx Facility Shutdown Startup Thermal Stabilization Period

EMISSIONS LIMITS (Subdivision (d))

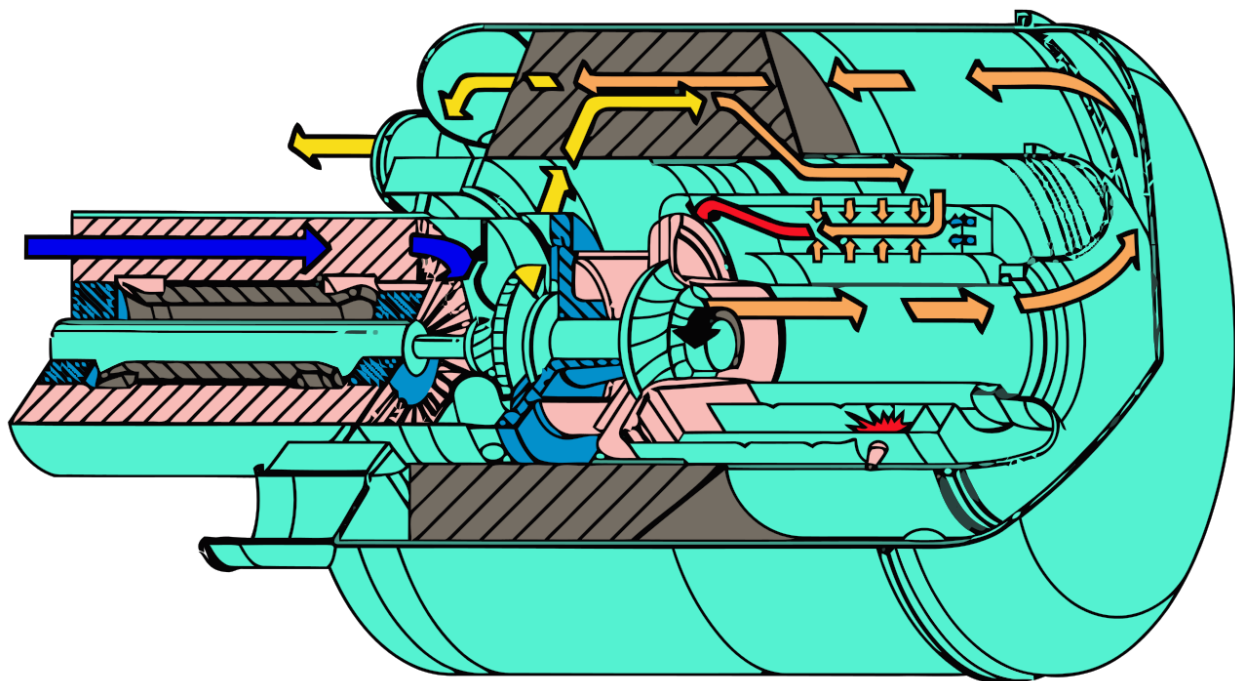
Paragraph (d)(3)

The ammonia emission limits in paragraph (d)(3) of Table I: Emissions Limits for Stationary Gas Turbines will be removed for all turbines currently subject to Rule 1134 which would have been effective on January 1, 2024. Additionally, paragraph (d)(3) clarifies that startup and shutdown periods are not applicable to the Table I limits and instead are pursuant to Rule 429 – Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen (Rule 429).

Staff conducted a BARCT assessment for stationary gas turbines as part of the 2019 amendment to Rule 1134. The BARCT assessment did not include recuperative gas turbines as staff was only aware of their use at landfills which are subject to Rule 1150.3. Subsequently, staff has learned that one recuperative gas turbine is subject to Rule 1134.

The 4.6 MW recuperative gas turbine is fired on natural gas with a NO_x permit limit of 5 ppmv NO_x at 15 percent oxygen, dry. Recuperative gas turbines differ in design from a simple cycle or combined cycle/cogeneration turbine. The recuperative gas turbine recovers combustion heat from the exhaust which is used to pre-heat the air from the compressor before returning it to the combustor. Figure 2-1 depicts a recuperated microturbine showing the recovery and reuse of combustion heat from the exhaust.

Figure 2-1 – Cutaway of Recuperated Microturbine



https://studopedia.su/21_45085_Electricity-generation.html

Recuperative gas turbines will be subject to the “Other” NO_x limit in paragraph (d)(3) of Table I. The facility operating the gas turbine will not need to make any changes to the equipment to meet

the “Other” NO_x limit. As a result, the cost-effectiveness is zero, since there is no feasible alternative more stringent than the NO_x limit to conduct the incremental cost-effectiveness.

Table 2-1
PAR 1134 Table I: Emission Limits for Stationary Gas Turbines

(Corrected to 15% oxygen on a dry basis)

Fuel Type	NO _x (ppmv)	Ammonia (ppmv)
Liquid Fuel – Turbines Located on Outer Continental Shelf	30	5
Natural Gas – Combined Cycle/ <u>Cogeneration</u> Turbine	2	5
Natural Gas – Simple Cycle Turbine	2.5	5
Produced Gas	9	5
Produced Gas – Turbines Located on Outer Continental Shelf	15	5
Other ¹	12.5	5

¹Includes recuperative gas turbines

As defined in paragraph (c)(19), PAR 1134 requires that a recuperative gas turbine have an integrated heat exchanger already built in as part of the original design of the equipment. The heat exchanger must be a built-in integral part of the gas turbine, instead of an operator-installed modification.

The U.S. EPA has commented that interim emission limits are needed for equipment at former RECLAIM facilities that have compliance dates after the facility transitions out of RECLAIM. For Rule 1134, only compressor gas turbines have NO_x BARCT limits that are likely to be implemented after the sunset of RECLAIM. PAR 1134 will establish an interim NO_x limit of 68 ppm for compressor gas turbines under subparagraph (d)(3)(A) which is consistent with current permit limits for this equipment.

Former Paragraph (d)(5)

PAR 1134 will remove startup and shutdown provisions under former paragraph (d)(5). Currently, Rule 429 establishes provisions for simple cycle and combined cycle gas turbines regulated under Rule 1134. Proposed Amended Rule 429 will address startup and shutdown provisions for compressor gas turbines and recuperative turbines. Additional requirements for startup, shutdown, and tuning of existing stationary gas turbines are currently included in most operating permits for that equipment. The permit conditions are tailored to each unit and evaluated during the permitting process.

Paragraphs (d)(5), (d)(8), and (d)(9)

Currently Rule 1134 prohibits the use of liquid fuel for stationary turbines except for outer continental shelf gas turbines which do not have access to natural gas. Paragraphs (d)(5) and (d)(8)

includes provisions to allow turbines the use of liquid fuel during a force majeure natural gas curtailment at health facilities such as hospitals. This is consistent with the Office of Statewide Health Planning and Development (OSHPD) 2019 California Electrical Code, Title 24, Part 3, Articles 517.29 and 517.30 which requires a facility to have two independent power sources. Without this set of provisions, a turbine supplying power, or emergency power, for a health facility would be unable to operate during a natural gas curtailment. This would likely result in the health facility utilizing a diesel engine which would generate far more emissions than the turbine which is vented to air pollution control equipment that would remain operating at all times the turbine is operating. When conducting fuel readiness testing, paragraph (d)(9) exempts stationary gas turbines burning a liquid fuel from the NO_x emission limits specified in paragraph (d)(3) but specify how the readiness testing shall be conducted and require NO_x emission limits and duration limits be included in the Permit to Construct or Permit to Operate.

MONITORING, RECORDKEEPING, AND REPORTING (Subdivision (e))

Paragraph (e)(1)

In March 2021 Rule 218 – Continuous Emission Monitoring and Rule 218.1 – Continuous Emission Monitoring Performance Specifications were amended and Rule 218.2 – Continuous Emission Monitoring System: General Provisions and 218.3 – Continuous Emission Monitoring System: Performance Specifications were adopted to address the continuous emission monitoring system (CEMS) requirements for non-RECLAIM and former RECLAIM facilities. Under paragraph(e)(1), Rules 218.2 and 218.3 require the installment of a continuous in-stack NO_x and oxygen monitoring system to demonstrate that the turbine is in compliance with the emission limits in subdivision (d). Paragraph (e)(3) applies to non-RECLAIM NO_x facilities.

Paragraph (e)(2)

The source testing frequency is clarified in clause (e)(2)(C)(ii) for stationary gas turbines emitting less than 25 tons of NO_x per calendar year to specify that the facility will need to perform a source test every three years. Additionally, source testing is required to be performed simultaneously for NO_x and ammonia. Due to their interdependency, simultaneous testing will ensure that compliance with one pollutant emission limit does not come at the expense of the other. Clause (e)(2)(C)(iv) adds a source testing requirement for gas turbines without a NO_x CEMS but with an ammonia CEMS of once every three calendar years.

Former Paragraph (e)(4)

Continuous emission monitoring parameters pursuant to Rule 2012 – Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NO_x) Emissions were previously included for former RECLAIM NO_x facilities. With the recent adoption of Rules 218.2 and 218.3, the monitoring parameters will reference the newly adopted rules. Stationary gas turbines at RECLAIM facilities will still be subject to the provisions under Rule 2012.

EXEMPTIONS (Subdivision (h))Subparagraph (h)(1)(C)

The facility specific stationary gas turbines previously excluded in the applicability subdivision are now listed in the exemptions.

CHAPTER 3: IMPACT ASSESSMENT

POTENTIALLY IMPACTED FACILITIES

EMISSIONS INVENTORY AND EMISSION REDUCTIONS

COST-EFFECTIVENESS

INCREMENTAL COST-EFFECTIVENESS

RULE ADOPTION RELATIVE TO COST-EFFECTIVENESS

SOCIOECONOMIC IMPACT ASSESSMENT

CALIFORNIA ENVIRONMENTAL QUALITY ACT

**DRAFT FINDINGS UNDER CALIFORNIA HEALTH AND SAFETY CODE
SECTION 40727**

COMPARATIVE ANALYSIS

POTENTIALLY IMPACTED FACILITIES

There are 37 facilities subject to Rule 1134. The amendments to monitoring, recordkeeping, and reporting, and removal of ammonia limits and startup and shutdown requirements will apply to all facilities subject to the rule, but these changes are not expected to have any impacts. One facility is subject to each of the following: the recuperative gas turbine (“Other”) NO_x limit, interim gas compressor NO_x limit, and force majeure natural gas curtailment allowance for health facilities. In each case, the revisions are not expected to result in equipment modifications or additional costs. The turbines currently in operation can comply with the revisions without making any changes.

EMISSION INVENTORY AND EMISSION REDUCTIONS

The NO_x emission inventory for turbines subject to Rule 1134 was 3.2 tons per day in 2015. With full implementation of the April 2019 amendments, 2.8 tons per day of NO_x will be reduced by 2024. The proposed revisions in PAR 1134 will not impact the emission inventory or emission reductions.

COST-EFFECTIVENESS

The provisions in PAR 1134 are not expected to impose any additional costs.

INCREMENTAL COST-EFFECTIVENESS

H&SC Section 40920.6 requires an incremental cost-effectiveness analysis for BARCT rules or emission reduction strategies when there is more than one control option which would achieve the emission reduction objective of the proposed amendments, relative to ozone, CO, SO_x, NO_x, and their precursors. PAR 1134 does not reduce emissions nor provide more than one control option.

RULE ADOPTION RELATIVE TO COST-EFFECTIVENESS

On October 14, 1994, the Governing Board adopted a resolution that requires staff to address whether rules being proposed for amendment are considered in the order of cost-effectiveness. The 2016 Air Quality Management Plan (AQMP) ranked, in the order of cost-effectiveness, all of the control measures for which costs were quantified. It is generally recommended that the most cost-effective actions be taken first. Proposed Amended Rule 1134 helps implement Control Measure CMB-05. The 2016 AQMP ranked Control Measure CMB-05 sixth in cost-effectiveness.

SOCIOECONOMIC IMPACT ASSESSMENT

The Proposed Amended Rule 1134 does not impose any additional costs to the affected facilities and does not result in any adverse socioeconomic impacts.

CALIFORNIA ENVIRONMENTAL QUALITY ACT

Pursuant to the California Environmental Quality Act (CEQA) Guidelines Sections 15002(k) and 15061, the proposed project is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3). A Notice of Exemption has been prepared pursuant to CEQA Guidelines Section

15062 and if the proposed project is approved, the Notice of Exemption will be filed for posting with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino Counties. The Notice of Exemption will also be electronically filed with the State Clearinghouse of the Governor's Office of Planning and Research to be posted on their CEQAnet Web Portal, which may be accessed via the following weblink: <https://ceqanet.opr.ca.gov/search/recent>. In addition, the Notice of Exemption will be electronically posted on South Coast AQMD's webpage which can be accessed via the following weblink: <http://www.aqmd.gov/nav/about/public-notices/ceqa-notices/notices-of-exemption/noe---year-2022>.

DRAFT FINDINGS UNDER CALIFORNIA HEALTH AND SAFETY CODE SECTION 40727

Requirements to Make Findings

Health and Safety Code Section 40727 requires that prior to adopting, amending or repealing a rule or regulation, the South Coast AQMD Governing Board shall make findings of necessity, authority, clarity, consistency, non-duplication, and reference based on relevant information presented at the public hearing, and in the staff report.

Necessity

Proposed Amended Rule 1134 is needed to address establish BARCT requirements for stationary gas turbines, including stationary gas turbines at facilities that will be transitioning from RECLAIM to a command-and-control regulatory structure.

Authority

The South Coast AQMD Governing Board has authority to adopt amendments to Proposed Amended Rule 1134 pursuant to the Health and Safety Code Sections 39002, 40000, 40001, 40440, 40702, 40725 through 40728, and 41508.

Clarity

Proposed Amended Rule 1134 is written or displayed so that its meaning can be easily understood by the persons directly affected by it.

Consistency

Proposed Amended Rule 1134 is in harmony with and not in conflict with or contradictory to, existing statutes, court decisions, or state or federal regulations.

Non-Duplication

Proposed Amended Rule 1134 will not impose the same requirements as any existing state or federal regulations. The proposed amended rule is necessary and proper to execute the powers and duties granted to, and imposed upon, the South Coast AQMD.

Reference

In amending Rule 1134, the following statutes which the South Coast AQMD hereby implements, interprets or makes specific are referenced: Health and Safety Code Sections 39002, 40000, 40001, 40406 (BARCT), 40702, 40440(a), and 40725 through 40728.5, and Clean Air Act Section 172 (c)(1) (reasonably available control technology).

COMPARATIVE ANALYSIS

Health and Safety Code Section 40727.2 requires a comparative analysis of the proposed amended rule with any federal or local district rules and regulations applicable to the same source. A comparative analysis is presented below in Table 3-1.

**Table 3-1
PAR 1134 Comparative Analysis**

Rule Element	PAR 1134	RECLAIM	40 CFR Part 60 GG	40 CFR Part 60 KKKK
Applicability	Turbines with generating capacity greater than 0.3 MW except those located electric generating facilities, landfills, petroleum refineries, and publicly owned treatment works or fueled with landfill gas	Facilities regulated under the NOx RECLAIM program (South Coast AQMD Reg. XX)	Gas turbines with heat input of ≥ 10 MMBtu/hr constructed or modified before 2/18/2005	Gas turbines with heat input of ≥ 10 MMBtu/hr constructed or modified after 2/18/2005
Requirements	Emission limits: <ul style="list-style-type: none"> • Combined Cycle/Cogeneration Gas Turbine and Associated Duct Burner: NOx 2 ppmv @ 15% O₂ • Simple Cycle Gas Turbine: NOx 2.5 ppmv @ 15% O₂ • Produced Gas Turbine: NOx 9 ppmv @ 15% O₂ • Outer Continental Shelf Produced Gas Turbine: NOx 15 ppmv @ 15% O₂ • Outer Continental Shelf Produced Gas Turbine (Liquid Fuel): NOx 30 ppmv @ 15% O₂ • Compressor Gas Turbine: NOx 3.5 ppmv @ 15% O₂ • Other Gas Turbine: NOx 12.5 ppmv @ 15% O₂ 	None	NOx limit @ 15% O ₂ : $0.0075*(14.4/Y)+F$ where Y = manufacture's rated heat input and F = NOx emission allowance for fuel-bound nitrogen	NOx limit for electric generating units (@ 15% O ₂): <ul style="list-style-type: none"> • ≤ 50 MMBtu/hr – 42 ppm when firing natural gas • 50 MMBtu/hr and ≤ 850 MMBtu/hr – 15 ppm when firing natural gas • >850 MMBtu/hr – 15 ppm when firing natural gas • ≤ 50 MMBtu/hr – 96 ppm when firing other fuel • 50 MMBtu/hr and ≤ 850 MMBtu/hr – 74 ppm when firing other fuel • >850 MMBtu/hr – 42 ppm when firing natural gas
Reporting	Annual reporting of NOx emissions	<ul style="list-style-type: none"> • Daily electronic reporting for major sources • Quarterly Certification of Emissions Report and Annual Permit Emissions Program for all units 	Excess emissions and CEMS downtime within 30 days	Excess emissions and CEMS downtime within 30 days; annual performance testing within 60 days
Monitoring	A continuous in-stack NOx monitor for turbines with a capacity of 2.9 MW or greater. Periodic source testing for turbines with a capacity of < 2.9	A continuous in-stack NOx monitor for major sources	A continuous in-stack NOx monitor	A continuous in-stack NOx monitor
Recordkeeping	Performance testing; emission rates; monitoring data; CEMS audits and checks maintained for five years	<ul style="list-style-type: none"> • < 15-min. data = min. 48 hours; ≥ 15-min. data = 3 years (5 years if Title V) • Maintenance & emission records, source test reports, RATA reports, audit reports and fuel meter calibration records for Annual Permit Emissions Program = 3 years (5 years if Title V) 	Performance testing; emission rates; monitoring data; CEMS audits and checks	Performance testing; emission rates; monitoring data; CEMS audits and checks
Fuel Restrictions	Liquid petroleum fuel limited to Outer Continental Shelf turbines and those supplying power for health facilities and during fuel readiness testing	None	None	None

ATTACHMENT H



**South Coast
Air Quality Management District**

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

SUBJECT: NOTICE OF EXEMPTION FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

PROJECT TITLE: PROPOSED AMENDED RULE 1134 – EMISSIONS OF OXIDES OF NITROGEN FROM STATIONARY GAS TURBINES

Pursuant to the California Environmental Quality Act (CEQA) Guidelines, the South Coast Air Quality Management District (South Coast AQMD), as Lead Agency, has prepared a Notice of Exemption pursuant to CEQA Guidelines Section 15062 – Notice of Exemption for the project identified above.

If the proposed project is approved, the Notice of Exemption will be filed for posting with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino Counties. The Notice of Exemption will also be electronically filed with the State Clearinghouse of the Governor’s Office of Planning and Research for posting on their CEQAnet Web Portal which may be accessed via the following weblink: <https://ceqanet.opr.ca.gov/search/recent>. In addition, the Notice of Exemption will be electronically posted on the South Coast AQMD’s webpage which can be accessed via the following weblink: <http://www.aqmd.gov/nav/about/public-notices/ceqa-notices/notices-of-exemption/noe---year-2022>.

**NOTICE OF EXEMPTION FROM THE
CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)**

To: County Clerks for the Counties of Los Angeles, Orange, Riverside and San Bernardino; and Governor's Office of Planning and Research – State Clearinghouse	From: South Coast Air Quality Management District 21865 Copley Drive Diamond Bar, CA 91765
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Project Title: Proposed Amended Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines

Project Location: The proposed project is located within the South Coast Air Quality Management District's (South Coast AQMD) jurisdiction, which includes the four-county South Coast Air Basin (all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino counties), and the Riverside County portion of the Salton Sea Air Basin and the non-Palo Verde, Riverside County portion of the Mojave Desert Air Basin.

Description of Nature, Purpose, and Beneficiaries of Project: The following amendments to Rule 1134 are proposed that would apply to facilities currently or formerly participating in the NOx RECLAIM program pursuant to South Coast AQMD Regulation XX, as well as non-RECLAIM facilities: 1) remove startup, shutdown, and tuning provisions tuning to be consistent with policy changes that have been implemented after 2019; 2) remove ammonia emission limits for gas turbines; 3) allow the use of liquid fuel for health care facilities during an emergency, natural gas curtailment, and readiness testing to ensure consistency with state law; 4) clarify that recuperative gas turbines are included in the equipment category listed as "other"; 5) update the CEMS for non-RECLAIM and former RECLAIM facilities; 6) clarify source testing frequency requirements for gas turbines; 7) establish an interim NOx emission limit for compressor gas turbines at 68 parts per million, by volume (ppmv) corrected at 15 percent oxygen on a dry basis to ensure there is no backsliding of emissions as required under the federal Clean Air Act Section 110(l) for the period when facilities transition of the NOx RECLAIM program until the unit is in compliance with Rule 1134; 8) align monitoring, recordkeeping, and reporting provisions with recently adopted and amended Rule 218-series; and 9) removes all references to Rule 2012 – Requirements for Monitoring, Reporting, and Recordkeeping for NOx Emissions. Other minor amendments are proposed which include additional definitions of terms, and revisions to improve rule implementation and clarify existing requirements.

Public Agency Approving Project: South Coast Air Quality Management District	Agency Carrying Out Project: South Coast Air Quality Management District
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Exempt Status: CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption

Reasons why project is exempt: South Coast AQMD, as Lead Agency, has reviewed the proposed project pursuant to: 1) CEQA Guidelines Section 15002(k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA; and 2) CEQA Guidelines Section 15061 – Review for Exemption, procedures for determining if a project is exempt from CEQA. Since no physical modifications are expected to occur as a result of the proposed project, it can be seen with certainty that implementing the proposed project would not cause a significant adverse effect on the environment. Therefore, the proposed project is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption.

Date When Project Will Be Considered for Approval (subject to change):

South Coast AQMD Governing Board Public Hearing: February 4, 2022

CEQA Contact Person: Ryan Bañuelos	Phone Number: (909) 396-3479	Email: rbañuelos@aqmd.gov	Fax: (909) 396-3982
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Rule Contact Person: Lisa Wong	Phone Number: (909) 396-2820	Email: lwong@aqmd.gov	Fax: (909) 396-3982
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Date Received for Filing: _____ **Signature:** (Signed and Dated Upon Board Approval)
Barbara Radlein
Program Supervisor, CEQA
Planning, Rule Development, and Area Sources



Proposed Amended Rule 1134 (PAR 1134)

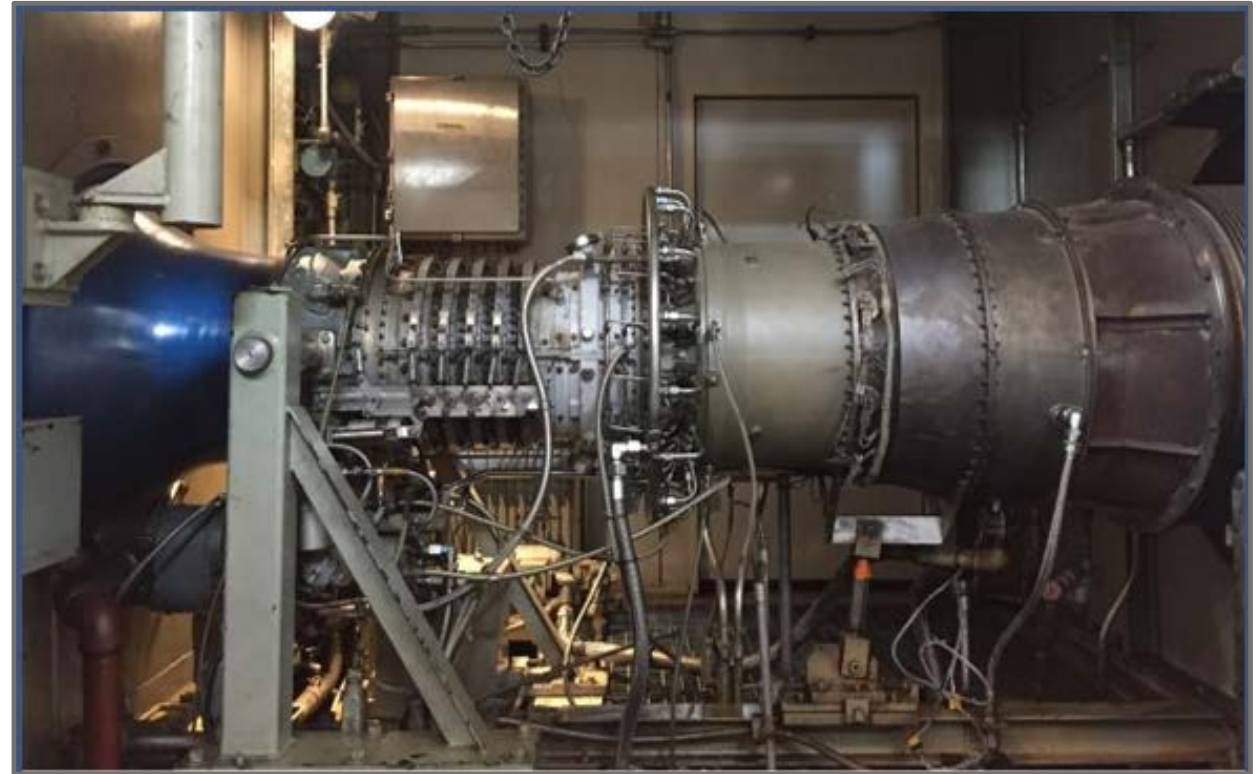
Emissions of Oxides of Nitrogen from Stationary Gas Turbines

Board Meeting

February 4, 2022

Background

- Rule 1134 was adopted August 4, 1989 and last amended April 5, 2019
 - Last amended to update NO_x limits to Best Available Retrofit Control Technology (BARCT)
- Applies to stationary gas turbines 0.3 MW and larger
 - 37 facilities with 72 turbines are subject to Rule 1134



Purpose for Amendments



- U.S. EPA has requested two changes
 - Ensure startup and shutdown requirements are consistent with the Clean Air Act
 - Include interim emission limits as RECLAIM facilities transition out of RECLAIM
- Other revisions to address stakeholder comments

Proposed Amendments to Address U.S. EPA Requests

Startup and Shutdown

- Startup and shutdown for gas turbines is currently addressed in both Rule 1134 and Rule 429*
- To avoid confusion, startup and shutdown provisions will be removed from Rule 1134
- Startup and shutdown provisions will be updated in Rule 429 to reflect U.S. EPA's 2015 Policy

Interim Limits

- Interim Limits are needed to avoid backsliding as facilities exit RECLAIM
- Interim limits will apply to former RECLAIM facilities that have NOx BARCT limits that are effective after facilities exit RECLAIM
- Interim NOx limit of 68 ppm will be established for compressor gas turbines
- Only compressor gas turbines have NOx BARCT limits that will be implemented after the sunset of RECLAIM

* Rule 429 – Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen

Other Proposed Amendments

Ammonia Slip Limits

- Remove ammonia slip limits which will be addressed during permitting

Recuperative Gas Turbines

- Classify as “Other” turbines

Liquid Fuel Usage for Health Facilities

- Allow the use of liquid fuel for turbines providing power to hospitals during a natural gas curtailment

Clarifications

- Reference recently adopted CEMS rules
 - 218.2 – Continuous Emission Monitoring System: General Provisions
 - 218.3 – Continuous Emission Monitoring System: Performance Specification



Summary and Recommended Actions

- PAR 1134 is needed to reflect policy changes, implement U.S. EPA recommendations, and clarify existing provisions
- No increase in cost or emission impacts are anticipated
- Staff is not aware of any remaining key issues
- Recommendation is to adopt the Resolution:
 - Determining that proposed amendments to Rule 1134 are exempt from California Environmental Quality Act; and
 - Amending Rule 1134