



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, DECEMBER 3, 2021 HYBRID GOVERNING BOARD MEETING

Pursuant to Assembly Bill 361, a meeting of the South Coast Air Quality Management District Board will be held at 9:00 a.m. on Friday, December 3, 2021 through a hybrid format of in-person attendance in the Dr. William A. Burke Auditorium at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and/or virtual attendance via videoconferencing and by telephone.

Given health and safety concerns, seating availability may be limited, and the meeting format may be changed to full remote via webcast. Please refer to South Coast AQMD's website for information regarding the format of the meeting, updates if the meeting is changed to a full remote via webcast format, and details on how to participate:

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

Proof of vaccination or a negative COVID test within 72 hours prior to the start of the Governing Board meeting along with picture I.D. will be required for admittance.

Proof of COVID-19 Vaccination includes:

- COVID-19 Vaccination Record Card (issued by the Department of Health and Human Services Centers for Disease Control & Prevention or WHO Yellow Card 1) which includes name of person vaccinated, type of vaccine provided and date doses administered); OR
- A photo of a vaccination card as a separate document; OR
- A photo of the vaccine card stored on a phone or electronic device; OR
- Documentation of vaccination from a healthcare provider; OR
- [Digital record](#) that includes a QR code that when scanned by a SMART Health Card reader displays to the reader: name, date of birth, vaccine dates and vaccine type

REMINDER: Mask wearing is required indoors during the meeting.

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 in person or through Zoom connection or telephone.

PUBLIC COMMENT WILL STILL BE TAKEN

Phone controls for participants:

The following commands can be used on your phone's dial pad while in Zoom Webinar meeting:

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

Cleaning the air that we breathe...

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.

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
- 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 29)

Note: Consent and Board Calendar items held for discussion will be moved to Item No. 30.

1. Approve Minutes of October 15, 2021 Special Board Meeting and November 5, 2021 Board Meeting **Thomas/3268**
2. Set Public Hearings January 7, 2022 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations: **Nastri/3131**
 - A. 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 **Nakamura/3105**

Rule 1135 reduces NOx emissions from combustion equipment at electricity generating facilities. Proposed Amended Rule 1135 will remove ammonia limits which will be addressed during permitting, revise the averaging time for NOx emission limits for diesel internal combustion engines, revise and add time extension provisions, update provisions for Continuous Emission Monitoring Systems, and reference Proposed Rule 429.2 for startup and shutdown requirements. Proposed Rule 429.2 will provide an exemption from Rule 1135 NOx concentration limits during startup and shutdown events for specified durations with provisions for best management practices and recordkeeping. This action is to adopt the Resolution: 1) 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 the California Environmental Quality Act; and 2) 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. (Reviewed: Stationary Source Committee, November 19, 2021)

- B. 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, Proposed Amended Rule 219 – Equipment Not Requiring a Written Permit Pursuant to Regulation II, and Proposed Amended Rule 222 – Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II; and Adopt Rule 461.1 and Amend Rules 461, 219, and 222

Nakamura/3105

Proposed Rule 461.1 applies to retail and non-retail mobile fuelers that are transferring or dispensing gasoline, and to owners or operators of those dispensing locations where mobile fueling operations occur. Proposed Rule 461.1 will reduce VOC and toxic air contaminant emissions by requiring use of CARB certified equipment for mobile fuelers and specifying other operational, testing, maintenance, recordkeeping and reporting requirements. Proposed amendments to Rule 461 would remove mobile fueling requirements and outdated definitions and provisions. Proposed amendments to Rule 219 and Rule 222 would require previously exempt gasoline mobile fuelers and locations where gasoline is being dispensed to be either be permitted or registered. The proposed amendments to Rule 222 would establish filing requirements for dispensing locations. This action is to adopt the Resolution: 1) 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, Proposed Amended Rule 219 – Equipment Not Requiring a Written Permit Pursuant to Regulation II, and Proposed Amended Rule 222 – Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II; and 2) Adopting Rule 461.1 – Gasoline Transfer and Dispensing for Mobile Fueling Operations, and Amending Rule 461 – Gasoline Transfer and Dispensing, Rule 219 – Equipment Not Requiring a Written Permit Pursuant to Regulation II, and Rule 222 – Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II. (Reviewed: Stationary Source Committee, November 19, 2021)

Items 3 through 10 -- Budget/Fiscal Impact

3. Approve Awards for Lower-Emission School Bus Program and Transfer Funds for Development of Lower Emission School Bus Grant Management System **Miyasato/3249**

In October 2020, the Board issued a Program Announcement to solicit applications for the replacement of pre-2001 model year diesel school buses with new alternative fuel or zero emission buses. This action is to approve awards to replace pre-2001 diesel school buses with new, near-zero or zero emission school buses and infrastructure in an amount not to exceed \$47 million from the Carl Moyer Program AB 923 Fund (80). This action is to also appropriate up to \$81,000 from the administrative portion of the Carl Moyer Program AB 923 Fund (80) into Information Management's FY 2021-22 Budget, Professional and Special Services and/or Capital Outlays Major Objects and reimburse the General Fund (01) using administrative funds for enhancement for the Lower Emission School Bus Program grant management system. (Reviewed: Technology Committee Meeting, November 19, 2021; Recommended for Approval)

4. Recognize 2021 U.S. EPA Targeted Airshed Grant Program Awards for Zero-Emission Vehicles and Equipment, Issue RFPs, Transfer Funds, Execute Contracts to Demonstrate Zero-Emission Vehicles and Equipment, and Reimburse General Fund **Katzenstein/2219**

South Coast AQMD has been awarded up to \$14,339,960 from U.S. EPA 2021 Targeted Airshed Grant Program to demonstrate a zero-emission freight line-haul locomotive, long-range Class 8 fuel cell trucks, deploy zero-emission school buses, and replace commercial lawn and garden equipment. These actions are to: 1) recognize revenue, upon receipt, of up to \$14,339,960 from the U.S. EPA into the Advanced Technology, Outreach and Education Fund (17); 2) transfer up to \$2,169,169 from the Air Quality Investment Fund (27) into the Advanced Technology, Outreach and Education Fund (17) for South Coast AQMD cost-share; 3) contingent upon U.S. EPA's final awards, execute three contracts in a total amount not to exceed \$12,749,000 from the Advanced Technology, Outreach, Outreach and Education Fund (17); 4) issue RFPs and execute resulting contracts for the Commercial Lawn and Garden Equipment Incentive and Exchange Program in an amount not to exceed \$3,020,000 from the Advanced Technology, Outreach and Education Fund (17); and 5) reimburse the general fund for administrative costs up to \$590,960 from the Advanced Technology, Outreach and Education Fund (17). (Reviewed: Technology Committee, November 19, 2021; Recommended for Approval)

5. Recognize Revenue, Transfer and Appropriate Funds, Amend Contract, Issue Solicitations and Purchase Orders for Air Monitoring Equipment and One Vehicle **Low/2269**

South Coast AQMD is expected to receive up to \$794,261 from U.S. EPA for the FY 2022 (30th Year) PAMS Program. These actions are to recognize revenue and appropriate funds when they become available in Science & Technology Advancement's FY 2021-22 and/or FY 2022-23 budgets for the PAMS Program, transfer and appropriate funds for the remaining balances of the PAMS Program, amend contract for technical support, issue solicitations and execute purchase orders for air monitoring equipment and one vehicle. (Reviewed: Administrative Committee, November 12, 2021; Recommended for Approval)

6. Transfer and Appropriate Funds from Two Special Revenue Funds to General Fund for Information Management and Compliance and Enforcement Projects and Purchases to Support South Coast AQMD Operations and Close Two Special Revenue Funds **Jain/2804**

The Board has established several Special Revenue Funds for a variety of purposes. Staff is recommending a transfer of \$508,900, and any additional interest earned, to the General Fund from the remaining balances in the Dry Cleaners Financial Incentive Grant and BP/SCAQMD Public Benefits Oversight Funds and the closure of these two Special Revenue Funds. The remaining balances would be used to purchase a toxic vapor analyzer, support the phone system upgrade and information management projects that will provide an electronic and mailing notice preferences capture system, and update the Agenda Tracking System. (Reviewed: Administrative Committee, November 12, 2021; Recommended for Approval)

7. Revise Procurement Policy and Procedure **Jain/2804**

This action is to approve revisions to South Coast Air Quality Management District Procurement Policy and Procedure to: 1) increase up to \$350,000 the amount for which the Executive Officer may approve purchases of unbudgeted capital assets in case of an emergency or interruption of South Coast AQMD operations; and 2) authorize the Executive Officer to approve expenses up to \$500,000 per fiscal year during periods that a Continuity of Operations Plan (COOP) is implemented. A report of such expenditures will be provided to the Administrative Committee every six months. Finally, this action is to appropriate \$275,000 into the District General FY 2021-22 Budget, Capital Outlays Major Object for unbudgeted capital assets in case of emergency or interruption of agency operations. (Reviewed: Administrative Committee, November 12, 2021; Recommended for Approval)

- 8A. Consider Protest of Award of Request for Proposals for Legislative Representation in Washington D.C. P 2022-01 **Baird/2302**
- On November 12, 2021, the Administrative Committee considered responses to a request for proposals for legislative representation in Washington D.C. The Administrative Committee noticed that the cost for one proposal, Duncan, Weinberg, Genzer & Pembroke (DWGP), was approximately twice as much as any of the other proposals and determined, on that basis, not to interview DWGP. During public comment, DWGP contended that its cost points should have been calculated differently. On November 18, 2021, DWGP filed a bid protest. This item is to consider whether to grant the bid protest prior to considering awarding contracts for Washington D.C. legislative representation. (No Committee Review)
- 8B. Execute Contracts for Legislative Representation in Washington, D.C. **Alatorre/3122**
- In September 2021, the Board approved the release of an RFP to solicit proposals for legislative representation in Washington, D.C. The Administrative Committee will interview firms and make recommendations to the Board regarding a contract(s) for the agency's legislative representation. This action is to authorize the Chairman to execute contracts with Carmen Group for \$222,090; Cassidy & Associates for \$216,000; and Kadash & Associates for \$226,392 for legislative consulting services in Washington, D.C. for one year beginning on January 15, 2022, with an option for up to two one-year renewals, upon satisfactory performance, at the Board's discretion. (Reviewed: Administrative Committee, November 12, 2021; Recommended for Approval)
9. Amend FY 2021-22 Budget to Address Operational Needs by Adding Partially Funded Position for Succession Planning Purposes **Olvera/2309**
- This item is to amend the FY 2021-22 Budget to add a partially funded Designated Deputy position to the Executive Office budget in order to address succession planning needs. Specifically, this item is to add a Designated Deputy position, equivalent to the Chief Operating Officer, but budgeted as 0.25 FTE. This position will be utilized to allow two employees to hold the same position during a limited transition period. Funding for the budget amendment is available in the FY 2021-22 Budget. (No Committee Review)
10. Approve Modification of Program and Approve Award as Approved by MSRC **McCallon**
- The MSRC previously released an RFP to solicit technical advisor services. The MSRC unanimously awarded the contract to Raymond Gorski as part of their FYs 2021-24 AB 2766 Discretionary Fund Work Program. Additionally, as part of their FYs 2018-21 Work Program, the MSRC approved a modification to their Voucher Incentive Program Plus Up Program partnership with South Coast AQMD for near-zero trucks. At this time, the MSRC seeks Board approval of the contract award and program modification. (Reviewed: Mobile Source Air Pollution Reduction, November 18, 2021; Recommended for Approval)

Item 11 – Action Item /No Fiscal Impact

11. 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 Cal. Gov't Code Section 54953(e)(3). (No Committee Review)

Items 12 through 19 – Information Only/Receive and File

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

This report highlights the October 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)

13. Hearing Board Report **Verdugo-Peralta/2500**

This reports the actions taken by the Hearing Board during the period of October 1 through October 31, 2021. (No Committee Review)

14. Civil Filings and Civil Penalties Report **Gilchrist/3459**

This reports the monthly penalties and legal actions filed by the General Counsel's Office from October 1 through October 31, 2021. An Index of South Coast AQMD Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, November 19, 2021)

15. Lead Agency Projects and Environmental Documents Received **Nakamura/3105**

This report provides a listing of CEQA documents received by South Coast AQMD between October 1, 2021 and October 31, 2021, and those projects for which South Coast AQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, November 19, 2021)

16. Rule and Control Measure Forecast **Rees/2856**

This report highlights South Coast AQMD rulemaking activities and public hearings scheduled for 2022. (No Committee Review)

17. Annual Audited Financial Statements for FY Ended June 30, 2021 **Jain/2804**

This item transmits the annual audited financial statements of the South Coast AQMD. The South Coast AQMD has received an unmodified opinion (the highest obtainable) on its financial statements. (Reviewed: Administrative Committee, November 12, 2021)

18. Receive and File Annual Report on 457 Deferred Compensation Plan **Olvera/2309**

South Coast AQMD sponsors an IRS-approved 457 deferred compensation program for its employees. The Annual Report addresses the Board's responsibility for monitoring the activities of the Deferred Compensation Plan Committee and ensuring the Committee carries out its fiduciary duties and responsibilities under the Committee Charter. This action is to receive and file the Annual Report. (Reviewed: Administrative Committee, November 12, 2021)

19. 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, November 12, 2021)

Item 20 -- Staff Presentation/Board Discussion/Receive and File

20. 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, November 12, 2021)

Items 21 through 29 -- Reports for Committees and CARB

21. Administrative Committee (Receive & File) **Chair: Benoit Nastri/3131**

22. Investment Oversight Committee (Receive & File) **Chair: Cacciotti Jain/2804**

23. Legislative Committee **Chair: Cacciotti Alatorre/3122**

Receive and file; and take the following actions as recommended:

Agenda Item	Recommendation
State Legislative Guiding Principles	Approve as Amended
Federal Legislative Guiding Principles	Approve

24. Marine Port Committee (Receive & File) **Co-Chairs: Buscaino & Richardson MacMillan/3244**

25. Mobile Source Committee (Receive & File) **Chair: Kracov Rees/2856**

26. Stationary Source Committee (Receive & File) **Chair: Benoit** **Aspell/2491**
27. Technology Committee (Receive & File) **Chair: Buscaino** **Miyasato/3249**
28. Mobile Source Air Pollution Reduction Review Committee (Receive & File) **Board Liaison: Benoit** **Katzenstein/2219**
29. California Air Resources Board Monthly Report (Receive & File) **Board Rep: Kracov** **Thomas/2500**
30. Items Deferred from Consent and Board Calendars

PUBLIC HEARINGS

31. Determine That Proposed Amendments to Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines, Are Exempt from CEQA; and Amend Rule 1134 (*Staff is recommending that the public hearing on this item be moved to the February 4, 2022 Board Meeting.*) **Nakamura/3105**
- 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)
32. Receive and File 2020 Annual Report on AB 2588 Program **MacMillan/3244**
- The Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) requires local air pollution control districts to prepare an annual report and present it at a public hearing. This report provides information regarding South Coast AQMD's implementation of AB 2588 through Rule 1402. This annual update describes the various activities including quadrennial emissions reporting and prioritization, preparation and review of Air Toxics Inventory Reports, Health Risk Assessments, Voluntary Risk Reduction Plans, Risk Reduction Plans, and additional South Coast AQMD activities related to air toxics. (Reviewed: Stationary Source Committee, November 19, 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 re: Exide Technologies, Inc., U.S. Bankruptcy Court, District of Delaware, Case No. 13-11482 (KJC) (Bankruptcy Case); Delaware District Court, Case No.: 19-00891 (Appellate Case); United States Court of Appeals, Third Circuit, Case No. 20-1858;
- In re: Exide Holdings Inc., U.S. Bankruptcy Court, District of Delaware, Case No. 20-11157 (CSS) (Bankruptcy Case);
- 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 section 54956.9(a) and 54956.9(d)(4) to consider initiation of litigation (four cases).

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

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).

Letter from Steven J. Olson, O'Melveny & Myers LLP, on behalf of ExxonMobil Corporation, dated August 22, 2018.

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 in person or 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, 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	OEHHA = 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 \leq 10 microns
CEQA = California Environmental Quality Act	PM2.5 = Particulate Matter \leq 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: DECEMBER 3, 2021

AGENDA NO. 1

MINUTES: Governing Board Monthly Meeting

SYNOPSIS: Attached are the Minutes of the October 15, 2021 Special Board Meeting and the November 5, 2021 Board Meeting.

RECOMMENDED ACTION:

Approve Minutes of the October 15, 2021 Special Board Meeting and the November 5, 2021 Board Meeting.

Faye Thomas
Clerk of the Boards

FT:cmw

FRIDAY, OCTOBER 15, 2021

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

Mayor Pro Tem Ben J. Benoit, Chair
Cities of Riverside County

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

Gideon Kracov
Governor's Appointee

Supervisor Sheila Kuehl
County of Los Angeles

Veronica Padilla-Campos
Speaker of the Assembly Appointee

Supervisor V. Manuel Perez
County of Riverside

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

Mayor Pro Tem Carlos Rodriguez
Cities of Orange County

Members absent:

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

Supervisor Lisa A. Bartlett
County of Orange

Council Member Joe Buscaino
City of Los Angeles

Mayor Pro Tem Larry McCallon
Cities of San Bernardino County

Supervisor Janice Rutherford
County of San Bernardino

CALL TO ORDER: Chair Benoit called the meeting to order at 10:30 a.m.

- Roll Call

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

General Counsel Bayron Gilchrist discussed the requirements under Assembly Bill (AB) 361 to allow South Coast AQMD Board and South Coast AQMD Brown Act Committees to continue to meet remotely; and adoption of a Resolution finding that the Board has reconsidered the circumstances of the state of emergency declared by the Governor, and that Los Angeles County continues to impose or recommend measures to promote social distancing due to the covid-19 pandemic.

The public hearing was opened, and the following individual addressed the Board.

Harvey Eder, Public Solar Power Coalition, asked whether the requirements under AB 361 apply to AB 617 meetings and commented on the availability of meeting agendas on the South Coast AQMD website.

Mr. Gilchrist noted that the AB 617 Community Steering Committees are not Brown Act Committees and can continue to meet remotely.

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

MOVED BY KUEHL, SECONDED BY PEREZ
THE AGENDA ITEM WAS APPROVED AS
RECOMMENDED TO ADOPT RESOLUTION
NO. 21-21 RECOGNIZING THE
PROCLAMATION OF A STATE OF
EMERGENCY BY GOVERNOR 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 OCTOBER 15, 2021 THROUGH
NOVEMBER 14, 2021 PURSUANT TO
PROVISIONS OF THE BROWN ACT, BY THE
FOLLOWING VOTE:

AYES: Benoit, Cacciotti, Kracov, Kuehl,
Padilla-Campos, Perez, Richardson,
and Rodriguez

NOES: None

ABSENT: Bartlett, Buscaino, Delgado,
McCallon, and Rutherford

ADJOURNMENT

Chair Benoit announced that there is no general public comment period during a special meeting and adjourned the meeting at 10:39 a.m.

The foregoing is a true statement of the proceedings held by the South Coast Air Quality Management District Board on October 15, 2021.

Respectfully Submitted,

Faye Thomas
Clerk of the Boards

Date Minutes Approved: _____

Ben J. Benoit, Chair

FRIDAY, NOVEMBER 5, 2021

Notice having been duly given, the regular meeting of the South Coast Air Quality Management District Board was conducted at the Dr. William A. Burke Auditorium at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California and remotely via video conferencing and telephone. Members present:

Mayor Pro Tem Ben J. Benoit, Chair
Cities of Riverside County

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

Supervisor Lisa A. Bartlett
County of Orange

Council Member Joe Buscaino
City of Los Angeles

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

Gideon Kracov
Governor's Appointee

Supervisor Sheila Kuehl
County of Los Angeles

Mayor Pro Tem Larry McCallon
Cities of San Bernardino County

Veronica Padilla-Campos
Speaker of the Assembly Appointee

Supervisor V. Manuel Perez
County of Riverside

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

Mayor Pro Tem Carlos Rodriguez
Cities of Orange County

Supervisor Janice Rutherford
County of San Bernardino

Members absent: None

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

- Pledge of Allegiance: Led by Mayor Pro Tem McCallon
- Roll Call
- Opening Comments

Chair Benoit announced that Agenda Item No. 34 would be taken out of order and moved to the beginning of the agenda.

Mayor Pro Tem Cacciotti shared photos of a youth soccer team he coaches to highlight that three of the players have asthma and remind us that we are fighting to clean the air for these individual children. He also shared photos of electric commercial lawn and garden equipment in use, and visits to Maxwell Vehicles in Inglewood and SA Recycling center in San Pedro. He asked for an update on inspection and monitoring efforts for the oil spill in Huntington Beach.

Vice Mayor Richardson thanked staff for their responsiveness and engagement in the odor crisis along the Dominguez Channel and commented on the impact to residents in Carson and cities near the channel. He also announced that he was unanimously reelected by the Los Angeles City Selection Committee Western Region Mayors to serve on the South Coast AQMD Board for a full four-year term. He commented on the many challenges facing the South Coast AQMD in the coming years and thanked his colleagues for the opportunity to serve on the Board.

Council Member Buscaino reported that the Ports Indirect Source Rule discussions are ongoing and there is much work taking place between the respective Boards and staff, with a commitment to develop a strong MOU. A major step toward this commitment is the program approved on November 4, 2021 by the Los Angeles Port of Harbor Commissioners that will charge cargo owners a tariff for using trucks that do not meet clean air standards to expedite the transition to zero-emission technologies.

Mr. Nastri stated that staff continues to be actively engaged in the response to the Dominguez Chanel incident.

Terrence Mann, DEO/Compliance and Enforcement, reported that since the odor event began on October 3, 2021 staff have been fully deployed in the field and responding to complaints, which reached as high as over 500 in one day; however, complaints have declined to under 20 per day, as of November 4. South Coast AQMD is part of a multi-agency response team that includes U.S. EPA and is also conducting an independent investigation to look at other possible source(s)

that may be the cause of the odor. He noted that the County of Los Angeles is conducting mitigation efforts in the channel to eliminate the odor.

Mr. Nastri presented several slides that highlighted the general area where complaints were recorded, the daily number of complaints, hydrogen sulfide concentration readings, and methods the County of Los Angeles has been using to mitigate the odor. Staff is looking at all potential sources of the odors and continues to work closely with U.S. EPA and other agencies to identify the source. At this point, there is no indication that the refineries are the source of the problem. It is believed that anaerobic bacteria within the channel and sediment are causing the release of hydrogen sulfide into the atmosphere.

Chair Benoit commented on the importance of addressing odors from the Dominguez Channel and recognized staff for their efforts.

Agenda Item No. 34 was taken out of order.

PUBLIC HEARING

34. Certify the Final Subsequent Environmental Assessment for Proposed Rule 1109.1 – Emissions of Oxides of Nitrogen From Petroleum Refineries and Related Operations, Proposed Rule 429.1 – Startup and Shutdown Provisions at Petroleum Refineries and Related Operations, Proposed Amended Rule 1304 – Exemptions, Proposed Amended Rule 2005 – New Source Review for RECLAIM, and Proposed Rescinded Rule 1109 – Emissions of Oxides of Nitrogen from Boilers and Process Heaters in Petroleum Refineries; and Adopt Rules 1109.1 and 429.1, Amend Rules 1304 and 2005, and Rescind Rule 1109

Susan Nakamura, Assistant DEO/Planning, Rule Development and Area Sources, gave the staff presentation on Item No. 34.

The public hearing was opened, and the following individuals addressed the Board on Item 34.

Alicia Rivera, Communities for a Better Environment (CBE), and Wilmington, Carson and West Long Beach (WCWLB) AB 617 Community Steering Committee member, expressed concern that the rule has been weakened over time, not all equipment will be required to have emission control devices, and about the long timeline given to implement the rule; however, CBE supports adoption of the rule as it will achieve significant NOx emission reductions. (Submitted Written Comments)

Paola De La Cruz, East Yard Communities for Environmental Justice (EYCEJ)/Compton resident

Elliot Gonzales, Long Beach resident

Faraz Rizvi, Center for Community Action and Environmental Justice (CCA EJ)

*Resa Barillas, California Environmental Voters

William Koons, Carson Environmental Commissioner and Wilmington, Carson, West Long Beach (WCWLB) AB 617 Community Steering Committee member

Diana Sanchez, CCA EJ

*Whitney Amaya, East Yard Communities for Environmental Justice (EYCEJ)/West Long Beach resident

Alma Ortega, Communities for a Better Environment (CBE)/Wilmington resident

(*Submitted Written Comments)

Commented on the adverse environmental and health impacts to communities near refineries and the long delay in adopting the proposed rule. Expressed concerns that the proposed rule has been weakened from its original proposal, provides flexibility to the refineries and long implementation timelines, but urged the Board to adopt PR 1109.1 as it is the first step toward achieving significant NO_x emission reductions that will improve air quality and the health of residents in frontline communities and surrounding areas. Some commenters emphasized the need to move towards zero-emission technology.

Catherine Ronan, Sierra Club and Los Angeles County resident, urged the Board to adopt PR 1109.1, requiring that refineries install pollution controls on their equipment to reduce NO_x emissions that adversely impact the health of predominantly environmental justice communities and contributes to smog in our region. She commented on the shortcomings of the RECLAIM cap-and-trade program and the need for strong, direct regulation. She emphasized the need to phase out fossil fuels and for stringent and direct regulations for the oil industry.

Chris Chavez, Coalition for Clean Air, WCWLB AB 617 Community Steering Committee member, and Long Beach resident, expressed support for adoption of PR 1109.1 and reported that over 200 people had signed their petition in support of the proposal. He expressed concerns about the implementation schedule and that the refineries are being given too much flexibility. However, the rule will result in NO_x emission reductions and is a significant step towards attainment of the ozone standard. The rule also fulfills a key promise to the WCWLB AB 617 community for a strong refinery rule. (Submitted Written Comments)

Oscar Espino-Padron, Earthjustice, urged adoption of the proposed rule. While there are still some concerns with the proposed rule, it fulfills South Coast AQMD's commitment to sunset the NO_x RECLAIM program and requires that refineries install pollution control devices on over 80 percent of their equipment. He expressed appreciation to staff and stakeholders for their efforts and significant number of hours spent crafting the rule. (Submitted Written Comments)

Ana Gonzalez, CCAEJ, urged the Board to adopt PR 1109.1 noting that the rule is long overdue and will improve the health and air quality for overburdened communities, and meets the requirements of AB 617 and Senate Bill 100. She added that the rule is a step in the right direction however, more needs to be done to get to zero emissions.

Janet Whittick, California Council for Environmental and Economic Balance (CCEEB), commended staff for a thorough and open rulemaking process, and willingness to consider technical information and insights from all parties. The rule has been carefully structured to maximize and expedite NOx reductions. She commented on the success of the RECLAIM program in reducing NOx emissions but recognized the Board's direction to sunset the program. PR 1109.1 marks a major milestone towards that goal. CCEEB will continue to work with staff and all stakeholders on the remaining landing rules.

Ranji George, a member of the public, suggested that the Board consider giving the refineries alternative methods of compliance that encourage zero-emission technologies.

Nathan Stabe, California State University Northridge student and Los Angeles County resident, commented on the RECLAIM cap-and-trade program and emphasized the need to directly regulate emissions from petroleum refineries as they are the largest stationary source of air pollution in the South Coast Air Basin. He stated that refineries need to be held responsible for harmful environmental and health impacts from their facilities. He urged the Board to adopt PR 1109.1, noting that it will result in NOx emission reductions, reduce ambient ozone and PM2.5 concentrations, and create jobs.

Sean Kearns spoke on behalf of Congresswoman Nanette Barragán, representative of California's 44th Congressional District, to express support for adoption of PR 1109.1. Implementation of the rule will address shortcomings of the RECLAIM program and result in significant NOx emission reductions. The equipment upgrades required in the proposed rule are cost effective and long overdue. PR 1109.1 will result in thousands of jobs and significant savings in healthcare costs linked to prolonged exposure to refinery pollution.

Jim Kennedy, Healthy Air Alliance, expressed support for adoption of the rule and thanked staff and community members for their efforts. He pointed out that the analysis of the health costs and potential benefits are conservative and that more research is needed to understand the true impact of air toxins on communities. He added that air monitoring systems are improving and being placed in more locations, but more needs to be done to be aware of how much pollution is present.

Julia May, CBE, expressed support for PR 1109.1. She cited a paper CBE published in 1999 warning that the RECLAIM program would fail. She requested

that staff provide regular progress reports to ensure refineries are complying with established targets. Thanked staff and community members for their hard work on the rule. (Submitted Written Comments)

Eli Lipmen, Move LA, expressed support for PR 1109.1 and highlighted the high-quality jobs that will be created. He requested the strengthening of existing rules for flaring and fenceline monitoring in the 2022 AQMP. The 2022 AQMP is an opportunity to strengthen regulations, decrease pollution, create jobs and reduce criteria pollutants in the region to meet the attainment deadlines. (Submitted Written Comments)

Al Sattler, South Bay resident, expressed support for PR 1109.1 and commented on the need to make sure that union labor is used for projects.

Emily Spokes, North East Los Angeles Climate Collective, expressed support for the proposed rule and urged the Board to strengthen flaring and fenceline monitoring. Commented on her efforts to obtain a grant to have trees planted in school yards to support clean air and cooler pavement areas for children.

Patty Senecal, Western States Petroleum Association (WSPA), expressed appreciation for the efforts and time staff spent to work through the complexities of the rule. Refineries are committed to ensuring the rule is successful by making substantial investments to reduce emissions. The proposed rule is strong, and the implementation timelines are appropriate to allow for complex coordination with consideration for turnaround schedules and the permitting process.

Michael Carroll, Latham & Watkins, spoke on behalf of WSPA and the Regulatory Flexibility Group to urge the Board to adopt PR 1109.1 and associated rules. PR 1109.1 is the most comprehensive and stringent regulation in the nation to address emissions at refineries. Refineries will make substantial investments to comply with the requirements, in addition to funds invested in projects currently underway for implementation of the 2015 NOx shave. The compliance flexibility and extended implementation timelines are necessary to meet the stringent emission standards and provisions of the proposed rule. (Submitted Written Comments)

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

Vice Mayor Richardson commented on the importance of the rule to the communities he represents – Wilmington, Carson and West Long Beach. He thanked Susan Nakamura and staff for the transparent rulemaking process and for their efforts in engaging with stakeholders and community members. The proposed rule will achieve significant NOx emission reductions and is a major step in addressing environmental and health impacts in disadvantaged communities, and will generate jobs, which is good for the economy. He encouraged staff to ensure

permit applications for implementation of the rule are processed expeditiously. He commended the community organizers and members who played an instrumental part in the rulemaking process and made a motion to approve the staff recommendations.

MOTION BY VICE MAYOR RICHARDSON, SECONDED BY CHAIR BENOIT TO APPROVE STAFF'S RECOMMENDATION, TO ADOPT RULE 1109.1 – EMISSIONS OF OXIDES OF NITROGEN FROM PETROLEUM REFINERIES AND RELATED OPERATIONS AND RULE 429.1 – STARTUP AND SHUTDOWN PROVISIONS AT PETROLEUM REFINERIES AND RELATED OPERATIONS, AMENDING RULE 1304 – EXEMPTIONS AND RULE 2005 – NEW SOURCE REVIEW FOR RECLAIM, RESCINDING RULE 1109 – EMISSIONS OF OXIDES OF NITROGEN FROM BOILERS AND PROCESS HEATERS IN PETROLEUM REFINERIES, APPROVING THE “BASELINE NOX EMISSION AND REPRESENTATIVE NOX CONCENTRATIONS FOR FACILITIES REGULATED UNDER RULE 1109.1 – EMISSIONS OF OXIDES OF NITROGEN FROM PETROLEUM REFINERIES AND RELATED OPERATIONS”

Supervisor Kuehl reflected on the long rule development timeline and expressed empathy with advocates frustrated over delays, but noted that the time and work that has gone into the rule will pay off. She commented on the dependency of fossil fuels and environmental justice communities that have been bearing the burden for that dependency. She emphasized the need to make sure permit applications for equipment are issued in a timely manner to ensure that the refineries comply with the rule.

Supervisor Rutherford recommended that staff provide quarterly reports to the Stationary Source Committee to keep the Board informed about the permitting of equipment associated with PR 1109.1 implementation. She also asked how the permitting concerns of industry and the community will be addressed.

Mr. Nastri explained that there are adequate staff resources in the permitting team, including a group of newly hired engineers, and engineers from other departments to handle permit applications that will result from the equipment requirements related to PR 1109.1. Staff anticipates that the submittal of the permit applications will begin in June 2022; therefore, he recommends scheduling the first quarterly progress report to the Stationary Source Committee in October 2022.

Mayor Pro Tem McCallon commended staff for working collaboratively with industry and stakeholders to address concerns. He emphasized the importance of the efficient and timely processing of associated permit applications to ensure that the rule is implemented and achieves the intended emission reductions.

Mayor Pro Tem Rodriguez expressed support for PR 1109.1, noting that the proposed rule comes at the culmination of great transparency and collaboration and demonstrates that the balance between the need to meet air quality standard milestones and business operational feasibility can be accomplished. He emphasized the need to ensure there are adequate staff resources to process permit applications in an efficient manner.

Board Member Padilla-Campos expressed appreciation to community members for participating in the rulemaking process and commended staff for their work and efforts. She acknowledged that there are still some concerns with the proposed rule, but she supports the staff recommendation because it will make a difference.

Council Member Buscaino recognized the collaboration and dedication of multiple stakeholders and staff to craft a refinery rule that is a major step towards achieving significant NOx emission reductions, and commended staff for their leadership. He reminded everyone that mobile sources account for 80 percent of the air pollution emissions in the South Coast Air Basin and emphasized that help is needed from the state and federal government to address this challenging issue.

Supervisor Bartlett acknowledged the positive comments she heard from the different stakeholders commending staff for facilitating a collaborative process. She emphasized the importance of streamlining the permit process so that there is a quick turn around on getting equipment upgrades in place.

Senator Delgado thanked Chair Benoit for his collaborative leadership that encouraged the participation and contribution of the various interested parties. She pointed out that the rule will result in preventing approximately 370 premature deaths.

SUPERVISOR RUTHERFORD MADE A FRIENDLY AMENDMENT TO THE MOTION TO DIRECT STAFF TO PROVIDE QUARTERLY PROGRESS REPORTS TO THE STATIONARY SOURCE COMMITTEE REGARDING THE PERMITTING OF EQUIPMENT ASSOCIATED WITH IMPLEMENTATION OF PROPOSED RULE 1109.1. VICE MAYOR RICHARDSON, THE MOTION MAKER AND CHAIR BENOIT, THE SECONDER, ACCEPTED THE AMENDMENT.

MOVED BY RICHARDSON, SECONDED BY BENOIT, AGENDA ITEM NO. 34 APPROVED AS RECOMMENDED, TO ADOPT RESOLUTION NO. 21-22 CERTIFYING THE FINAL SUBSEQUENT ENVIRONMENTAL ASSESSMENT FOR PROPOSED RULE 1109.1 – EMISSIONS OF OXIDES OF NITROGEN FROM PETROLEUM REFINERIES AND RELATED OPERATIONS (PROPOSED RULE 1109.1), PROPOSED RULE 429.1 – STARTUP AND SHUTDOWN PROVISIONS AT PETROLEUM REFINERIES AND RELATED OPERATIONS (PROPOSED RULE 429.1), PROPOSED AMENDED RULE 1304 – EXEMPTIONS (PROPOSED AMENDED RULE 1304), PROPOSED AMENDED RULE 2005 – NEW SOURCE REVIEW FOR RECLAIM (PROPOSED AMENDED RULE 2005), AND PROPOSED RESCINDED RULE 1109 – EMISSIONS OF OXIDES OF NITROGEN FROM BOILERS AND PROCESS HEATERS IN PETROLEUM REFINERIES (PROPOSED RESCINDED RULE 1109) AND ADOPTING RULE 1109.1 – EMISSIONS OF OXIDES OF NITROGEN FROM PETROLEUM REFINERIES AND RELATED OPERATIONS AND RULE 429.1 – STARTUP AND SHUTDOWN PROVISIONS AT PETROLEUM REFINERIES AND RELATED OPERATIONS, AMENDING RULE 1304 – EXEMPTIONS AND RULE 2005 – NEW SOURCE REVIEW FOR RECLAIM, RESCINDING RULE 1109 – EMISSIONS OF OXIDES OF NITROGEN FROM BOILERS AND PROCESS HEATERS IN PETROLEUM REFINERIES, APPROVING THE “BASELINE NOX EMISSION AND REPRESENTATIVE NOX CONCENTRATIONS FOR FACILITIES REGULATED UNDER RULE 1109.1 – EMISSIONS OF OXIDES OF NITROGEN FROM PETROLEUM REFINERIES AND RELATED OPERATIONS” AND DIRECTING STAFF TO REPORT BACK ON A QUARTELY BASIS TO THE STATIONARY SOURCE COMMITTEE, BEGINNING OCTOBER 2022, ON THE PROCESSING OF PERMITS SUBJECT TO RULES 1109.1 AND 429.1,

BY THE FOLLOWING VOTE:

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

NOES: None

ABSENT: None

Written Comments Submitted by:

- Move LA
- Breathe Southern California
- One letter signed by the following organizations: Earthjustice, California Communities Against Toxics, California Environmental Voters, Center for Biological Diversity, Center for Community Action & Environmental Justice, Communities for a Better Environment, Coalition for Clean Air, East Yard Communities for Environmental Justice, Move LA, People's Collective for Environmental Justice, Natural Resources Defense Council, Sierra Club

(Senator Delgado left the meeting)

Board Member Padilla-Campos reported that the voting display in the auditorium incorrectly reported her as absent on the vote for Item No. 34. The issue was corrected, and Board Member Padilla-Campos' vote was accurately displayed as "yes" on Item No. 34.

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

*Marilyn Kamimura, Clean Air Coalition of North Whittier & Avocado Heights

Luis Ceballos

Rebecca Overmeyer-Velazquez, Clean Air Coalition of North Whittier & Avocado Heights

Richard Kamimura, Clean Air Coalition of North Whittier & Avocado Heights and North Whittier resident

Bing Chen, Clean Air Coalition of North Whittier & Avocado Heights

Andrea Gordon, Clean Air Coalition and Hacienda Heights resident

Duncan McKee, Avocado Heights resident

John Licari, Sierra Club and Hacienda Heights resident

(*Submitted Written Comments)

Spoke in opposition to a pending permit action for Quemetco that would increase operational hours for furnaces, and increase the amount of lead product produced per

day. Expressed concern that the expansion would increase emissions of lead and arsenic that pollute and harm the health and safety of the community.

Harvey Eder, Public Solar Power Coalition, commented on the United Nations Climate Change conference in Glasgow, Scotland and climate change.

Florence Gharibian, Del Amo Action Committee, noted that the fence-line monitoring system at the Torrance Refinery and indoor filtration systems have been useful tools for residents near the Dominguez Channel. She requested South Coast AQMD's support on monitoring warehouse and construction activities near the Ecology Control Industries property.

Ranji George, a member of the public, expressed concern that while agencies support electric vehicles they are not addressing the issue of battery pollution. He noted that many more battery recycling facilities are needed to support future demand, which will increase pollution, and encouraged a greater focus on hydrogen fuel cell technologies.

Al Sattler expressed support for fence-line and community air monitoring systems, noting that both have been very useful in tracking hydrogen sulfide levels near the Dominguez Channel. Commented that monitors are currently showing lower levels of hydrogen sulfide.

William Koons suggested that the expertise of U.S. EPA or the Army Corps of Engineers is needed to investigate the source of the odor at the Dominguez Channel. The measures being taken to mitigate the odor are short-term and recommended the use of paddle wheels that oxidize the water faster.

Effie Coons, Philippine Action Group for the Environment, commented that odors from the Dominguez channel have triggered her migraines and suggested that the only solution is to dredge the channel.

Jill Whynot, Chief Operating Officer, explained that the pending permit action is for the Quemetco Capacity Upgrade Project to increase hours of operations and increase the amount of material they process for a rotary kiln dryer and a reverberatory furnace. Due to the draft CEQA document that was released on October 14, 2021 for public review, concerns are coming before the Board today. Staff's evaluation is to ensure Quemetco can comply with South Coast AQMD rules and requirements. If South Coast AQMD staff issues the permit, Quemetco will also need for the Department of Toxic Substances Control (DTSC) to renew their existing permit to operate. DTSC may rely on the South Coast AQMD EIR as part of their process. She added that South Coast AQMD does not have land use authority or the authority to shut down or relocate a facility; however, staff is interested in working with the community and hearing their comments and seeing if there is anything else the facility can do. Ms. Whynot invited the community members to participate in a public meeting on November 10, 2021 at 6:00 p.m. She noted for the record that while he does not have a legal obligation to do so, Mr. Nastri has recused

himself from matters related to Quemetco because they were a client of his before he began working for South Coast AQMD.

(Supervisor Perez left the meeting)

CONSENT AND BOARD CALENDAR

1. Approve Minutes of October 1, 2021 Board Meeting
2. Set Public Hearing December 3, 2021 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations

Determine That Proposed Amended Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines, Is Exempt from CEQA; and Amend Rule 1134

Items 3 through 14 -- Budget/Fiscal Impact

3. Execute Contract to Conduct Inland Port Feasibility Study
4. Execute Contract to Install and Maintain Air Filtration Systems at School
5. Amend Contract for Emission Testing for Near-Zero Emission Opposed Piston Engine
6. Amend Truck Trade Up Dealer Agreements
7. Amend Contract for Renewable Natural Gas Infrastructure Project
8. Allocate Funds to Assist Small Fleets under Voucher Incentive Program and Recognize Revenue, Approve Vouchers and Reimburse General Fund for Enhanced Fleet Modernization Program
9. Execute Agreement with California High-Speed Rail Authority Setting Forth Framework for Development of Future Contract to Reduce Construction Emissions and Satisfy General Conformity for Burbank to Los Angeles Segment of California High-Speed Rail Project
10. Appropriate Funds for U.S. EPA Science to Achieve Results and NASA Citizen Science Grant Projects, Issue Purchase Orders for Air Monitoring Equipment

11. Appropriate Funds Execute and/or Amend Contracts, and Issue Solicitations and Purchase Orders for AB 617 Implementation
12. Amend Contracts for Legislative Representation in Sacramento, California
13. Amend Provisions of South Coast AQMD's Salary Resolution, Teamsters Local 911 MOU, and SC-PEA Terms & Conditions of Employment Relating to Vacation Leave Accrual Limitations
14. Approve Contract Awards as Approved by MSRC

Items 15 and 16 -- Action Items/No Fiscal Impact

15. Establish Board Meeting Schedule for Calendar Year 2022
16. Comply with AB 361 Requirements to Allow South Coast AQMD Board and South Coast AQMD Brown Act Committees to Continue to Meet Remotely

Items 17 through 23 – Information Only/Receive and File

17. Legislative, Public Affairs and Media Report
18. Hearing Board Report
19. Civil Filings and Civil Penalties Report
20. Lead Agency Projects and Environmental Documents Received
21. Rule and Control Measure Forecast
22. Report of RFQs/RFPs Scheduled for Release in November
23. Status Report on Major Ongoing and Upcoming Projects for Information Management

Item 24 -- Staff Presentation/Board Discussion/Receive and File

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

NO ACTION REQUIRED

Items 25 through 32 -- Reports for Committees and CARB

25. Administrative Committee
26. Legislative Committee
- 27A. Marine Port Committee (September 28, 2021 Summary)
- 27B. Marine Port Committee (October 15, 2021 Summary)
28. Mobile Source Committee
29. Stationary Source Committee
30. Technology Committee
31. Mobile Source Air Pollution Reduction Review Committee
32. California Air Resources Board Monthly Report

Board Member Kracov noted that he has no financial interests in Agenda Item Nos. 5, 8 and 11 but is required to identify for the record that he is a Board Member of CARB, which is involved in these items.

Supervisor Kuehl noted that she does not have a 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.

Supervisor Bartlett noted that she does not have a financial interest in Agenda Item No. 2 but is required to identify for the record that she is a Board Member of the Orange County Board of Supervisors, which is involved in this Item.

Vice Mayor Richardson noted that he does not have a financial interest in Agenda Item No. 3 but is required to identify for the record that he is a Council Member of the City of Long Beach, which is involved in this Item.

Council Member Buscaino noted that he does not have a financial interest in Agenda Item No. 2 but is required to identify for the record that he is a Council Member of the Los Angeles City Council which is involved in this item; and recused himself from Agenda Item No. 14 due to a campaign contribution from Clean Energy, which is involved in this Item.

Chair Benoit recused himself from Agenda Item No. 14 due to a campaign contribution from Clean Energy, which is involved in this Item.

Board Member Padilla-Campos noted that she has questions for staff on Item No. 7.

7. Amend Contract for Renewable Natural Gas Infrastructure Project

Board Member Padilla-Campos asked whether the contract includes investments in natural gas and infrastructure.

Dr. Matt Miyasato, DEO/Chief Technologist/Science and Technology Advancement explained that the contract is for a demonstration project that involves turning organic materials into renewable natural gas or hydrogen which is then injected back into a pipeline. The requested extension of the contract is to allow them to complete testing through June 2022.

Chair Benoit stated that he thought the latest iteration of the project was just for hydrogen, and requested an update on the progress.

Dr. Miyasato responded that the demonstration is for both renewable natural gas and hydrogen. He noted that the firm is a small entrepreneurial firm and has experienced several delays, including delays related to the COVID-19 pandemic, but they have been making incremental progress and are back on track.

3. Execute Contract to Conduct Inland Port Feasibility Study

Ranji George, a member of the public, expressed opposition to the project and urged the Board to fund zero-emission technologies instead of projects that will prolong the expansion of fossil fuels.

MOVED BY MCCALLON, SECONDED BY RUTHERFORD, AGENDA ITEMS 1 THROUGH 32 APPROVED AS RECOMMENDED, TO ADOPT RESOLUTION NO. 21-23, SETTING THE TIME AND PLACE OF REGULAR MEETINGS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT GOVERNING BOARD, ADOPT RESOLUTION NO. 21-24, RECOGNIZING THE PROCLAMATION OF A STATE OF EMERGENCY BY GOVERNOR 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 COMMITTEES SUBJECT TO THE BROWN ACT, FOR THE PERIOD OF NOVEMBER 5, 2021 THROUGH DECEMBER 5, 2021 PURSUANT TO PROVISIONS OF THE BROWN ACT, AND RECEIVING AND FILING THE COMMITTEE, MSRC AND CARB REPORTS, AS SET FORTH BELOW, BY THE FOLLOWING VOTE:

AYES: Bartlett, Benoit (Recused from 14), Buscaino (Recused from 14), Cacciotti, Kracov, Kuehl, McCallon, Padilla-Campos, Richardson, Rodriguez, and Rutherford

NOES: None

ABSTAIN: Benoit and Buscaino (Item 14)

ABSENT: Delgado and Perez

33. Items Deferred from Consent and Board Calendar
No items were deferred.

(Council Member Buscaino left the meeting)

PUBLIC HEARING

35. Determine That 2021 Redesignation Request and Maintenance Plan for 2006 and 1997 24-Hour PM2.5 Standards for South Coast Air Basin Is Exempt from CEQA and Approve 2021 Redesignation Request and Maintenance Plan for 2006 and 1997 24-Hour PM2.5 Standards for South Coast Air Basin

Staff waived the presentation on Item No. 35.

The public hearing was opened, and the following individual addressed the Board on Item 35.

Al Sattler stated that he was initially skeptical about the limited contingency measures that are specified, but with the proviso that staff can look at other sources if needed, he supports the plan.

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

Board Member Kracov stated that the progress on PM2.5 attainment is a cause for celebration. He announced that this item will be going to the CARB Board in the next 60-90 days, and requested that staff participate in the CARB workshop process and keep him informed as things progress.

MOVED BY KRACOV, SECONDED BY CACCIOTTI, AGENDA ITEM NO. 35 APPROVED AS RECOMMENDED, ADOPTING RESOLUTION NO. 21-25 DETERMINING THAT THE 2021 REDESIGNATION REQUEST AND MAINTENANCE PLAN FOR THE 2006 AND 1997 24-HOUR PM.2.5 STANDARDS FOR SOUTH COAST AIR BASIN IS EXEMPT FROM THE REQUIREMENTS OF CEQA AND APPROVING THE 2021 REDESIGNATION REQUEST AND MAINTENANCE PLAN FOR THE 2006 AND 1997 24-HOUR PM.2.5 STANDARDS FOR SOUTH COAST AIR BASIN AND DIRECTING STAFF TO FORWARD THE REDESIGNATION REQUEST AND MAINTENANCE PLAN TO CALIFORNIA AIR RESOURCES BOARD (CARB) FOR APPROVAL AND SUBMISSION TO UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (U.S. EPA) FOR INCLUSION IN THE STATE IMPLEMENTATION PLAN (SIP), BY THE FOLLOWING VOTE:

AYES: Bartlett, Benoit, Cacciotti, Kracov,
Kuehl, McCallon, Padilla-
Campos, Richardson, Rodriguez,
and Rutherford

NOES: None

ABSENT: Buscaino, Delgado, Perez

(Council Member Buscaino rejoined the meeting)

OTHER BUSINESS

36. Appropriate Funds for Field Monitoring Equipment

Terrence Mann, DEO/Compliance and Enforcement gave the staff presentation on Item No. 36.

Vice Mayor Richardson commented that he strongly supports the item and noted the importance of working collaboratively with other agencies to find a resolution to the Dominguez Channel odor crisis.

The following individuals addressed the Board on Item 36.

Ana Meni, Carson resident, expressed support for the item and remarked that the decline of complaints is because thousands of residents were relocated to other cities and there are reports that some residents are losing their sense of smell. She asked how many Jerome meters will be deployed to the Dominguez Channel, whether they will provide 24/7 monitoring, and the cost of each meter.

A member of the public with the Zoom screen name Genesis 1:28, requested answers to what may have triggered the odor from the Dominguez Channel.

Council Member Buscaino expressed support for the item and inquired whether a Notice of Violation could be issued to the County of Los Angeles for lack of progress on mitigation efforts. He also expressed appreciation for the ongoing reports on the odor event.

Mr. Nastri commented that staff is collecting information from different sources to evaluate all potential possibilities regarding the source of the odor. Staff remains fully integrated with partner agencies and will evaluate whether enforcement action is necessary.

MOVED BY MCCALLON, SECONDED BY BENOIT, AGENDA ITEM 36 APPROVED AS RECOMMENDED, BY THE FOLLOWING VOTE:

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

NOES: None

ABSENT: Delgado and Perez

CLOSED SESSION

There was no closed session.

ADJOURNMENT

There being no further business, the meeting was adjourned by Chair Benoit at 11:50 a.m.

The foregoing is a true statement of the proceedings held by the South Coast Air Quality Management District Board on November 5, 2021.

Respectfully Submitted,

Faye Thomas
Clerk of the Boards

Date Minutes Approved: _____

Ben J. Benoit, Chair

ACRONYMS

AQMP = Air Quality Management Plan
BACT = Best Available Control Technology
BARCT = Best Available Retrofit Control Technology
CARB = California Air Resources Board
CEQA = California Environmental Quality Act
CO = Carbon Monoxide
FY = Fiscal Year
MSRC = Mobile Source (Air Pollution Reduction) Review Committee
NOx = Oxides of Nitrogen
PM = Particulate Matter
PM10= Particulate Matter ≤ 2.5 microns
RECLAIM = Regional Clean Air Incentives Market
RFP = Request for Proposals
RFQ = Request for Quotations
SOx = Oxides of Sulfur
U.S. EPA = United States Environmental Protection Agency
VOC = Volatile Organic Compound

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BOARD MEETING DATE: December 3, 2021

AGENDA NO. 2

PROPOSAL: Set Public Hearings January 7, 2022 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations:

A. 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

Rule 1135 reduces NOx emissions from combustion equipment at electricity generating facilities. Proposed Amended Rule 1135 will remove ammonia limits which will be addressed during permitting, revise the averaging time for NOx emission limits for diesel internal combustion engines, revise and add time extension provisions, update provisions for Continuous Emission Monitoring Systems, and reference Proposed Rule 429.2 for startup and shutdown requirements. Proposed Rule 429.2 will provide an exemption from Rule 1135 NOx concentration limits during startup and shutdown events for specified durations with provisions for best management practices and recordkeeping. This action is to adopt the Resolution: 1) 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 the California Environmental Quality Act; and 2) 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. (Reviewed: Stationary Source Committee, November 19, 2021)

B. 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, Proposed Amended Rule 219 – Equipment Not Requiring a Written Permit Pursuant to Regulation II, and Proposed Amended Rule 222 - Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II; and Adopt Rule 461.1 and Amend Rules 461, 219, and 222

Proposed Rule 461.1 applies to retail and non-retail mobile fuelers that are transferring or dispensing gasoline, and to owners or operators of those dispensing locations where mobile fueling operations occur. Proposed Rule 461.1 will reduce VOC and toxic air contaminant emissions by requiring use of CARB certified equipment for mobile fuelers and specifying other operational, testing, maintenance, recordkeeping and reporting requirements. Proposed amendments to Rule 461 would remove mobile fueling requirements and outdated definitions and provisions. Proposed amendments to Rule 219 and Rule 222 would require previously exempt gasoline mobile fuelers and locations where gasoline is being dispensed to be either be permitted or registered. The proposed amendments to Rule 222 would establish filing requirements for dispensing locations. This action is to adopt the Resolution: 1) 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, Proposed Amended Rule 219 – Equipment Not Requiring a Written Permit Pursuant to Regulation II, and Proposed Amended Rule 222 – Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II; and 2) Adopting Rule 461.1 – Gasoline Transfer and Dispensing for Mobile Fueling Operations, and Amending Rule 461 – Gasoline Transfer and Dispensing, Rule 219 – Equipment Not Requiring a Written Permit Pursuant to Regulation II, and Rule 222 – Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II. (Reviewed: Stationary Source Committee, November 19, 2021)

The complete text of the proposed amended rules, proposed rules, staff reports and other supporting documents will be available from the South Coast AQMD's publication request line at (909) 396-2001, or 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 December 8, 2021.

RECOMMENDED ACTIONS:

Set public hearings January 7, 2022 to 1) 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; and 2) Certify 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, Proposed Amended Rule 219 – Equipment Not Requiring a Written Permit Pursuant to Regulation II, and Proposed Amended Rule 222 – Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II; and Adopt Rule 461.1 and Amend Rules 461, 219, and 222.

Wayne Nastri
Executive Officer

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BOARD MEETING DATE: December 3, 2021

AGENDA NO. 3

PROPOSAL: Approve Awards for Lower-Emission School Bus Program and Transfer Funds for Development of Lower Emission School Bus Grant Management System

SYNOPSIS: In October 2020, the Board issued a Program Announcement to solicit applications for the replacement of pre-2001 model year diesel school buses with new alternative fuel or zero emission buses. This action is to approve awards to replace pre-2001 diesel school buses with new, near-zero or zero emission school buses and infrastructure in an amount not to exceed \$47 million from the Carl Moyer Program AB 923 Fund (80). This action is to also appropriate up to \$81,000 from the administrative portion of the Carl Moyer Program AB 923 Fund (80) into Information Management's FY 2021-22 Budget, Professional and Special Services and/or Capital Outlays Major Objects and reimburse the General Fund (01) using administrative funds for enhancement for the Lower Emission School Bus Program grant management system.

COMMITTEE: Technology, November 19, 2021; Recommended for Approval

RECOMMENDED ACTIONS:

1. Authorize the Chairman to:
 - a. Execute contracts with 46 public school districts, as listed in Table 1, to replace 178 pre-2001 diesel school buses with new alternative fuel or zero emission buses and infrastructure totaling an amount not to exceed \$47 million from the Carl Moyer Program AB 923 Special Revenue Fund (80); and
 - b. Execute contracts from the backup projects as listed in Table 2, in the event that funding amounts are reduced, not implemented, or returned from any of the Table 1 recipients approved for projects in this Board letter.

2. Appropriate up to \$81,000 from the administrative portion of the Carl Moyer Program AB 923 Fund (80) into Information Management's FY 2021-22 Budget, Professional and Special Services and/or Capital Outlays Major Objects and reimburse the General Fund (01) using administrative funds for enhancement for the Lower Emission School Bus Program Grant Management System (GMS).

Wayne Natri
Executive Officer

MMM:AK:WS:YT

Background

Since the start of the Lower-Emission School Bus Program in 2001, South Coast AQMD has awarded nearly \$325 million in local, state and federal funds to replace over 1,800 highly polluting publicly owned diesel school buses with alternative fuel or zero emission buses and retrofit 3,400 diesel school buses with particulate traps. This program has resulted in helping thousands of school children commute in some of the cleanest school buses in the country.

On October 2, 2020, the Board issued a Program Announcement (PA) #PA2021-02 to solicit applications for replacement of pre-2001 model year diesel school buses owned by public school districts and joint power authorities with new alternative fuel or zero-emission school buses. To be eligible, the existing school buses must have a Gross Vehicle Weight Rating (GVWR) over 14,000 lbs and have continuous California Highway Patrol certification for the past three years. Public school districts and joint power authorities had the option under #PA2021-02 to purchase alternative fuel and zero-emission school buses. Alternative fuel buses purchased under this program are required to have engines certified at or below the optional low NOx standard of 0.02 g/bhp-hr.

During this process additional functionalities have been developed for the Lower-Emission School Bus Program Grant Management System (GMS) to help facilitate and streamline the application and program evaluation process. Functionalities include the development of program project tracking functionalities, authorization forms, dashboard, applications context, application review, application messages, applications tasks and the calculation and ranking modules. These developments further maximize efficiencies with the application processes, internal review and approvals.

Proposal

Under #PA2021-02, 47 public school districts applied for the replacement of 361 school buses for a total request amount of \$100,757,550. Staff determined that one school district was not eligible as it did not meet the GVWR requirement of the Lower-

Emission School Bus Program. Also, due to the high demand and limited funding available under the Lower-Emission School Bus Program, staff recommends awards and the execution of contracts with 46 public school districts not exceeding seven buses per school district in over-subscribed counties. This would result in awards for 178 pre-2001 diesel school buses as listed in the attached Table 1, in an amount not to exceed \$47 million from the Carl Moyer Program AB 923 Special Revenue Fund (80).

As the Program was heavily over-subscribed, funding of eligible school bus projects was made based on several factors, including distribution of program funds across Los Angeles, Orange, Riverside, and San Bernardino counties based on county population, school bus model year, benefits to disadvantaged and/or low-income communities, replacement technology, and project cost effectiveness. To optimize the distribution of funds for school districts, at least two school buses were awarded per school district (if requested at the time of application).

Consistent with the requirements of AB 1390, staff ensured that not less than 50 percent of the funds appropriated under the Lower-Emission School Bus Program are expended in a manner that directly reduces air contaminants and/or associated public health risks in disadvantaged and low-income communities. Utilizing CalEPA's CalEnviroScreen mapping tool, which helps identify disadvantaged and low-income communities in California, over 60 percent of the school districts that are proposed for replacement awards include disadvantaged or low-income communities.

The proposed awards will fund 89 zero emission, 83 CNG and six propane school buses for a total of 178 replacements. All school buses recommended for funding are Type C or D. The recommended awards provide up to \$370,000 for a Type C or D zero emission school bus, \$205,000 for a Type C or D CNG school bus and \$155,000 for a Type C propane school bus, including sales tax. In addition, the award will include fueling or charging infrastructure funding up to \$15,000 per CNG, \$5,000 per propane, and \$20,000 per zero emission bus for those school districts that have requested it.

School districts will have to pay for any discretionary options they choose to include on the bus. The diesel buses being replaced are required to be permanently destroyed by licensed dismantlers.

To help offset the cost of zero emission school buses, school districts may apply for funding through the California Hybrid and Zero Emission Truck and Bus Voucher Incentive Project (HVIP). The combined award amount from South Coast AQMD and HVIP cannot exceed \$400,000 for each zero emission school bus and the funding amounts may be reduced if the project also receives HVIP funding. In the event that project funding amounts are reduced, not implemented, or returned from any of the funding sources identified in this Board letter, staff recommends execution of contracts from the backup project list in Table 2 based on project cost-effectiveness and the county where the project is located.

Lastly, this action is to appropriate up to \$81,000 from the administrative portion of the Carl Moyer Program AB 923 Fund (80) into Information Management's FY 2021-22 Budget, Professional and Special Services and/or Capital Outlays Major Objects and reimburse the General Fund (01) using administrative funds for the enhancement for the Lower Emission School Bus Program GMS. This appropriation will reimburse expenses incurred for the development of additional features for the Lower Emission School Bus Program GMS to further enhance user interface, program dashboard, staff review and approval processes.

Outreach

In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the PA 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.

Notice of the PA was emailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations and placed on the Internet at South Coast AQMD's website (<http://www.aqmd.gov>).

Also, staff released several email notifications to over 300 recipients, including all public school districts within South Coast AQMD jurisdiction, dealerships and school bus manufacturers, announcing the opening of #PA2021-02. Subsequent email notifications were sent in January 2021 to remind potential applicants to apply prior to the application deadline of January 26, 2021.

Benefits to South Coast AQMD

The successful implementation of the Lower-Emission School Bus Replacement Program will provide less polluting and safer transportation for school children and reduce exposure to toxic diesel particulate matter emissions. This program is also expected to reduce criteria and toxic air pollution in disadvantaged and low-income communities in the South Coast AQMD.

Resource Impacts

Sufficient funding is available in the Carl Moyer Program AB 923 Special Revenue Fund (80) for the recommended awards that will not exceed \$47 million.

Sufficient funding of \$81,000 is available in the administrative portion of the Carl Moyer Program AB 923 Fund (80) for enhancement of the Lower Emission School Bus Program GMS.

Attachments

Table 1: Recommended Awards for Pre-2001 School Bus Replacements

Table 2: Recommended List of Backup Projects

Table 1: Recommended Awards for Pre-2001 School Bus Replacements

#PA2021-02 Applicant	County	Number of Buses	Replacement School Bus Fuel Type	Maximum Bus Award AB923 Funds	Maximum Infrastructure Award AB923 Funds	Total Maximum Award
ABC Unified School District	LA	3	CNG	\$615,000	\$45,000	\$660,000
Baldwin Park Unified School District*	LA	2	Electric	\$380,000	\$40,000	\$420,000
Bonita Unified School District	LA	4	Electric	\$1,480,000	\$80,000	\$1,560,000
El Monte Union High School District	LA	1	CNG	\$205,000	\$15,000	\$220,000
Monrovia Unified School District	LA	2	Electric	\$740,000	\$40,000	\$780,000
Montebello School District	LA	6	Electric	\$2,220,000	\$120,000	\$2,340,000
Newhall School District*	LA	3	Electric	\$606,000	\$60,000	\$666,000
Norwalk - La Mirada Unified School District*	LA	8	Electric	\$1,520,000	\$160,000	\$1,680,000
Saugus Union School District	LA	2	Propane	\$310,000	\$0	\$310,000
Sulphur Springs Union School District*	LA	2	Electric	\$404,000	\$40,000	\$444,000
Torrance Unified School District	LA	5	CNG	\$1,025,000	\$75,000	\$1,100,000
Walnut Valley Unified School District	LA	1	CNG	\$205,000	\$0	\$205,000
Whittier Union High School District*	LA	4	Electric	\$760,000	\$80,000	\$840,000
William S. Hart Union High School District*	LA	14	Electric	\$2,828,000	\$280,000	\$3,108,000
Total Los Angeles County		57		\$13,298,000	\$1,035,000	\$14,333,000
Anaheim Elementary School District	OC	2	Electric	\$740,000	\$40,000	\$780,000
Anaheim Union High School District	OC	2	Electric	\$740,000	\$40,000	\$780,000
Buena Park School District	OC	1	Electric	\$370,000	\$20,000	\$390,000
Capistrano Unified School District	OC	7	CNG	\$1,435,000	\$0	\$1,435,000
Centralia School District*	OC	2	Electric	\$380,000	\$40,000	\$420,000
Fountain Valley School District	OC	2	CNG	\$410,000	\$0	\$410,000
Fullerton Joint Union High School	OC	2	CNG	\$410,000	\$30,000	\$440,000
Fullerton School District	OC	2	Propane	\$310,000	\$0.00	\$310,000
Garden Grove Unified School District	OC	3	Electric	\$1,110,000	\$60,000	\$1,170,000
Huntington Beach City School District	OC	2	CNG	\$410,000	\$0	\$410,000
Huntington Beach Union High School District	OC	7	CNG	\$1,435,000	\$105,000	\$1,540,000
La Habra City School District	OC	2	CNG	\$410,000	\$0	\$410,000

#PA2021-02 Applicant	County	Number of Buses	Replacement School Bus Fuel Type	Maximum Bus Award AB923 Funds	Maximum Infrastructure Award AB923 Funds	Total Maximum Award
Los Alamitos Unified School District	OC	2	CNG	\$410,000	\$0	\$410,000
Newport-Mesa Unified School District	OC	2	CNG	\$410,000	\$0	\$410,000
Ocean View School District	OC	4	CNG	\$820,000	\$0	\$820,000
Orange Unified School District*	OC	2	Electric	\$380,000	\$60,000	\$420,000
Placentia-Yorba Linda Unified School District	OC	7	Electric	\$2,590,000	\$140,000	\$2,730,000
Westminster School District	OC	2	Propane	\$310,000	\$10,000	\$320,000
Total Orange County		53		\$13,080,000	\$525,000	\$13,605,000
Coachella Valley Unified School District	RC	4	CNG	\$820,000	\$0	\$820,000
Coachella Valley Unified School District	RC	2	Electric	\$740,000	\$40,000	\$780,000
Desert Sands Unified School District	RC	2	CNG	\$410,000	\$0	\$410,000
Hemet Unified School District	RC	7	CNG	\$1,435,000	\$105,000	\$1,540,000
Lake Elsinore Unified School District	RC	7	CNG	\$1,435,000	\$105,000	\$1,540,000
Moreno Valley Unified School District**	RC	4	Electric	\$1,480,000	\$80,000	\$1,560,000
Murrieta Valley Unified School District	RC	7	Electric	\$2,590,000	\$140,000	\$2,730,000
Temecula Valley Unified School District	RC	2	Electric	\$740,000	\$40,000	\$780,000
Total Riverside County		35		\$9,650,000	\$510,000	\$10,160,000
Bear Valley Unified School District	SB	7	CNG	\$1,435,000	\$105,000	\$1,540,000
Chaffey Joint Union High School District	SB	5	CNG	\$1,025,000	\$0	\$1,025,000
Colton Joint Unified School District	SB	3	CNG	\$615,000	\$45,000	\$660,000
Fontana Unified School District	SB	5	CNG	\$1,025,000	\$75,000	\$1,100,000
Fontana Unified School District	SB	1	Electric	\$370,000	\$20,000	\$390,000
Ontario-Montclair School District	SB	3	Electric	\$1,110,000	\$60,000	\$1,170,000
Redlands Unified School District	SB	6	Electric	\$2,220,000	\$120,000	\$2,340,000
Rim of The World Unified School District	SB	3	CNG	\$615,000	\$45,000	\$660,000
Total San Bernardino County		33		\$8,415,000	\$470,000	\$8,885,000
Total		178		\$44,443,000	\$2,540,000	\$46,983,000

* Award amounts have been adjusted to ensure that the total award amount from South Coast AQMD and HVIP does not exceed \$400,000.

**School District's EPA 2021 Targeted Airshed Grant award has been factored in during the selection process.

Table 2: Recommended List of Backup Projects

#PA2021-02 Applicant	County	Replacement School Bus Fuel Type	Maximum Bus Award AB923 Funds	Maximum Infrastructure Award AB923 Funds	Total Maximum Award
Los Angeles County*					
<i>*All eligible projects located in Los Angeles County were recommended for funding. Any returned funds from projects in Los Angeles County will be reallocated to projects in the other three counties within the South Coast AQMD air basin.</i>					
Orange County					
Ocean View School District	OC	CNG	\$205,000	\$0	\$205,000
Ocean View School District	OC	CNG	\$205,000	\$0	\$205,000
Ocean View School District	OC	CNG	\$205,000	\$0	\$205,000
Westminster School District	OC	Propane	\$155,000	\$5,000	\$160,000
Centralia School District	OC	Electric	\$190,000	\$20,000	\$210,000
Fullerton Joint Union High School District	OC	CNG	\$205,000	\$15,000	\$220,000
Fullerton Joint Union High School District	OC	CNG	\$205,000	\$15,000	\$220,000
Orange Unified School District	OC	Electric	\$190,000	\$20,000	\$210,000
Orange Unified School District	OC	Electric	\$190,000	\$20,000	\$210,000
Orange Unified School District	OC	Electric	\$190,000	\$20,000	\$210,000
Orange Unified School District	OC	CNG	\$205,000	\$15,000	\$220,000
Orange Unified School District	OC	Electric	\$190,000	\$20,000	\$210,000
Garden Grove Unified District	OC	Electric	\$370,000	\$20,000	\$390,000
Garden Grove Unified District	OC	Electric	\$370,000	\$20,000	\$390,000
Garden Grove Unified District	OC	Electric	\$370,000	\$20,000	\$390,000
Anaheim Union High School District	OC	Electric	\$370,000	\$20,000	\$390,000
Newport-Mesa Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Huntington Beach City School District	OC	CNG	\$205,000	\$0	\$205,000
La Habra City School District	OC	CNG	\$205,000	\$0	\$205,000
Anaheim Elementary School District	OC	Electric	\$370,000	\$20,000	\$390,000
Anaheim Elementary School District	OC	Electric	\$370,000	\$20,000	\$390,000
Fullerton School District	OC	Propane	\$155,000	\$0	\$155,000
Fullerton School District	OC	Propane	\$155,000	\$0	\$155,000
Anaheim Elementary School District	OC	Electric	\$370,000	\$20,000	\$390,000

#PA2021-02 Applicant	County	Replacement School Bus Fuel Type	Maximum Bus Award AB923 Funds	Maximum Infrastructure Award AB923 Funds	Total Maximum Award
Anaheim Elementary School District	OC	Electric	\$370,000	\$20,000	\$390,000
Anaheim Elementary School District	OC	Electric	\$370,000	\$20,000	\$390,000
Newport-Mesa Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Ocean View School District	OC	CNG	\$205,000	\$0	\$205,000
La Habra City School District	OC	CNG	\$205,000	\$0	\$205,000
Newport-Mesa Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Fountain Valley School District	OC	CNG	\$205,000	\$0	\$205,000
Fountain Valley School District	OC	CNG	\$205,000	\$0	\$205,000
Huntington Beach City School District	OC	CNG	\$205,000	\$0	\$205,000
Westminster School District	OC	Propane	\$155,000	\$5,000	\$160,000
Garden Grove Unified District	OC	Electric	\$370,000	\$20,000	\$390,000
Anaheim Elementary School District	OC	Electric	\$370,000	\$20,000	\$390,000
Westminster School District	OC	Propane	\$155,000	\$5,000	\$160,000
Westminster School District	OC	Propane	\$155,000	\$5,000	\$160,000
Capistrano Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Capistrano Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Capistrano Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Capistrano Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Capistrano Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Huntington Beach Union High School District	OC	CNG	\$205,000	\$15,000	\$220,000
Huntington Beach Union High School District	OC	CNG	\$205,000	\$15,000	\$220,000
Capistrano Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Capistrano Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Capistrano Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Capistrano Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Capistrano Unified School District	OC	CNG	\$205,000	\$0	\$205,000
Huntington Beach Union High School District	OC	CNG	\$205,000	\$15,000	\$220,000
Huntington Beach Union High School District	OC	CNG	\$205,000	\$15,000	\$220,000
Ocean View School District	OC	CNG	\$205,000	\$0	\$205,000
Ocean View School District	OC	CNG	\$205,000	\$0	\$205,000

#PA2021-02 Applicant	County	Replacement School Bus Fuel Type	Maximum Bus Award AB923 Funds	Maximum Infrastructure Award AB923 Funds	Total Maximum Award
Huntington Beach Union High School District	OC	CNG	\$205,000	\$15,000	\$220,000
Placentia-Yorba Linda Unified School District	OC	CNG	\$205,000	\$15,000	\$220,000
Placentia-Yorba Linda Unified School District	OC	CNG	\$205,000	\$15,000	\$220,000
Placentia-Yorba Linda Unified School District	OC	Electric	\$370,000	\$20,000	\$390,000
Riverside County					
Moreno Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Moreno Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Moreno Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Temecula Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Temecula Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Coachella Valley Unified School District	RC	CNG	\$205,000	\$0	\$205,000
Temecula Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Temecula Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Murrieta Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Murrieta Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Moreno Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Hemet Unified School District	RC	CNG	\$205,000	\$15,000	\$220,000
Murrieta Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Lake Elsinore Unified School District	RC	CNG	\$205,000	\$15,000	\$220,000
Lake Elsinore Unified School District	RC	CNG	\$205,000	\$15,000	\$220,000
Lake Elsinore Unified School District	RC	CNG	\$205,000	\$15,000	\$220,000
Hemet Unified School District	RC	CNG	\$205,000	\$15,000	\$220,000
Murrieta Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Hemet Unified School District	RC	CNG	\$205,000	\$15,000	\$220,000
Coachella Valley Unified School District	RC	CNG	\$205,000	\$0	\$205,000
Coachella Valley Unified School District	RC	CNG	\$205,000	\$0	\$205,000
Lake Elsinore Unified School District	RC	CNG	\$205,000	\$15,000	\$220,000
Murrieta Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
Lake Elsinore Unified School District	RC	CNG	\$205,000	\$15,000	\$220,000
Murrieta Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000

#PA2021-02 Applicant	County	Replacement School Bus Fuel Type	Maximum Bus Award AB923 Funds	Maximum Infrastructure Award AB923 Funds	Total Maximum Award
Murrieta Valley Unified School District	RC	Electric	\$370,000	\$20,000	\$390,000
San Bernardino County					
Ontario-Montclair School District	SB	Electric	\$370,000	\$20,000	\$390,000
Ontario-Montclair School District	SB	Electric	\$370,000	\$20,000	\$390,000
Ontario-Montclair School District	SB	Electric	\$370,000	\$20,000	\$390,000
Bear Valley Unified School District	SB	CNG	\$205,000	\$15,000	\$220,000
Bear Valley Unified School District	SB	CNG	\$205,000	\$15,000	\$220,000

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 4

PROPOSAL: Recognize 2021 U.S. EPA Targeted Airshed Grant Program Awards for Zero-Emission Vehicles and Equipment, Issue RFPs, Transfer Funds, Execute Contracts to Demonstrate Zero-Emission Vehicles and Equipment, and Reimburse General Fund

SYNOPSIS: South Coast AQMD has been awarded up to \$14,339,960 from U.S. EPA 2021 Targeted Airshed Grant Program to demonstrate a zero-emission freight line-haul locomotive, long-range Class 8 fuel cell trucks, deploy zero-emission school buses, and replace commercial lawn and garden equipment. These actions are to: 1) recognize revenue, upon receipt, of up to \$14,339,960 from U.S. EPA into the Advanced Technology, Outreach and Education Fund (17); 2) transfer up to \$2,169,169 from the Air Quality Investment Fund (27) into the Advanced Technology, Outreach and Education Fund (17) for South Coast AQMD cost-share; 3) contingent upon U.S. EPA's final awards, execute three contracts in a total amount not to exceed \$12,749,000 from the Advanced Technology, Outreach, Outreach and Education Fund (17); 4) issue RFPs and execute resulting contracts for the Commercial Lawn and Garden Equipment Incentive and Exchange Program in an amount not to exceed \$3,020,000 from the Advanced Technology, Outreach and Education Fund (17); and 5) reimburse the general fund for administrative costs up to \$590,960 from the Advanced Technology, Outreach and Education Fund (17).

COMMITTEE: Technology, November 19, 2021; Recommended for Approval

RECOMMENDED ACTIONS:

1. Recognize revenue, upon receipt, of up to \$14,339,960 from 2021 U.S. EPA Targeted Airshed Grant Program into the Advanced Technology, Outreach and Education Fund (17), Comprised of the following grant awards:
 - a. \$4,174,000 for zero-emission freight line-haul locomotive repower with supporting charging infrastructure;
 - b. \$7,998,024 for long-range class 8 fuel cell truck demonstration (\$3,608,012) and zero-emission school bus replacement project (\$4,390,012); and

- c. \$2,167,936 for commercial lawn and garden equipment incentive and exchange program.
2. Transfer up to \$2,169,169 from the Air Quality Investment Fund (27) - Rule 1111 into the Advanced Technology, Outreach and Education Fund (17) for South Coast AQMD's cost-share for the zero-emission line-haul locomotive demonstration project (\$1,000,000) and Commercial Lawn and Garden Equipment Incentive and Exchange Program implementation (\$1,169,169);
3. Authorize the Chairman to execute the following contracts from the Advanced Technology, Outreach and Education Fund (17), contingent upon U.S. EPA's final awards:
 - a. BNSF for up to \$4,967,000 to demonstrate a zero-emission freight line-haul locomotive with supporting charging infrastructure;
 - b. Hyundai Motor Company for up to \$3,500,000 to demonstrate five long-range Class 8 fuel cell trucks; and
 - c. Moreno Valley Unified School District for up to \$4,282,000 to replace 38 diesel school buses with battery-electric buses and supporting charging infrastructure.
4. Authorize the Executive Officer to issue RFPs to solicit outreach support and vendors of commercial-grade, electric lawn and garden equipment, and based upon the results of the solicitation, execute the contract(s) from the Advanced Technology, Outreach and Education Fund (17) with qualified vendors and outreach support for the Commercial Lawn and Garden Equipment Incentive and Exchange Program, in an amount not to exceed \$3,020,000; and
5. Reimburse the General Fund up to \$590,960 from the Advanced Technology, Outreach and Education Fund (17) for administrative costs necessary to implement the above-mentioned projects.

Wayne Natri
Executive Officer

MMM:AK:JI:WS:MW

Background

The 2016 AQMP identifies the need for NO_x reductions in meeting upcoming national ambient air quality standards. On-road heavy-duty diesel vehicles and locomotives are major contributors to NO_x emissions in the South Coast Air Basin. Significant increases in NO_x, PM, and GHG emissions from these sources are expected due to increased demand in goods movement activities. Accelerating the deployment of zero-emission long-range Class 8 fuel cell trucks, replacing diesel school buses with zero-emission buses, and repowering freight locomotives with zero-emission technology will significantly reduce NO_x, PM, and GHG emissions. The commercial lawn and garden equipment replacement with the latest zero-emission battery-electric commercial

equipment within the Coachella Valley and the urban areas of Riverside County will provide additional emission reductions.

Staff submitted five applications to U.S. EPA under the Targeted Airshed Grant Program, each for up to or close to the \$8 million limit. Three applications were preliminarily awarded, including a diesel freight line-haul locomotive repower with zero-emission technology, heavy-duty fuel cell truck demonstration, and zero-emission school bus deployment coupled with commercial lawn and garden equipment replacement.

Zero-Emission Freight Line-Haul Locomotive Repower with Supporting Charging Infrastructure

Locomotives generally utilize very large diesel combustion engines and have a long service life of over 20 years. The emissions of NO_x, PM, hydrocarbons, and GHG's are distributed throughout the South Coast Air Basin from long-distance hauling and the railyards. Developing the zero-emission solution for locomotives will significantly reduce toxic diesel exhaust and criteria pollutant emissions.

Long-Range Class 8 Fuel Cell Truck Demonstration

Long-range Class 8 trucks are designed to satisfy the need for regional and long-haul goods movement. Validating the ability of fuel cell technology to meet the real-world needs of long-haul freight is necessary to help with the commercialization of this technology. The average daily driving range per long-haul truck is approximately 360 miles. The demonstration will be conducted in a variety of routes to fully utilize up to a 500-mile range. This demonstration will provide valuable insight through real-world operations in a range of driving conditions and expands an existing demonstration project of 2 fuel-cell trucks that were previously awarded through U.S. EPA's Clean Air Technology Initiative Program.

Zero-Emission School Bus Replacement Project

Replacing older diesel emitting school buses with zero-emission school buses reduce direct diesel exhaust exposure for school children. The typical duty cycle for school buses makes battery technology an ideal candidate for the charging cycles of battery technology.

Commercial Lawn and Garden Equipment Incentive & Exchange Program

Since 2017, South Coast AQMD has implemented the Commercial Electric Lawn and Garden Equipment Incentive and Exchange Program utilizing funding provided by U.S. EPA's 2016 Targeted Air Shed Grant Program. The program replaces old gasoline- or diesel-powered commercial lawn and garden equipment with zero-emission, battery-electric equipment. A variety of makes and models of commercial-grade electric lawn and garden equipment are offered, including handheld trimmers, chainsaws, pruners, backpack and handheld blowers, and lawnmowers, including ride-on, stand-on, and

walk-behind mowers. Local governments, school districts, nonprofit organizations and commercial gardeners and landscapers have participated in the Commercial Lawn and Garden Equipment Incentive and Exchange Program, which requires the scrapping of the old equipment being replaced. To date, over 5,000 old gasoline- or diesel-powered commercial lawn and garden equipment have been replaced.

Proposal

Zero-Emission Freight Line-Haul Locomotive Repower with Supporting Charging Infrastructure

Progress Rail (P.R.), a Caterpillar Company, will replace a BNSF Tier 1+ freight line-haul locomotive engine with an 8 megawatt-hour battery-powered propulsion system. Two 1.4MW chargers with a unique pantograph design will be installed at Los Angeles and Barstow Stations to support the charging.

Long-Range Class 8 Fuel Cell Truck Demonstration

Hyundai Motor Company will demonstrate five day-cab tractors with their fleet partner and their commercial operations in existing goods movement routes to validate fuel cell technology's ability to meet the real-world needs of long-haul freight movement in the United States.

Zero-Emission School Bus Replacement Project

Replace up to 38 MY 2007 and older diesel school buses in Moreno Valley Unified School District fleet with MY 2021 and newer zero-emission battery-electric school buses certified to meet the CARB Standard and provide funding for supporting charging infrastructure.

Commercial Lawn and Garden Equipment Incentive & Exchange Program

The Commercial Lawn and Garden Equipment Incentive and Exchange Program will focus on the exchange of gasoline- or diesel-powered commercial grade lawn and garden equipment for new zero-emission, battery-electric equipment for local governments, school districts, colleges, non-profit organizations, commercial landscapers/gardeners, and private entities within the Coachella Valley and surrounding urban areas of Riverside County.

In addition, RFPs would be issued to solicit outreach support and vendors of commercial-grade, electric lawn and garden equipment. Based upon the results of the RFPs, the actions would be to execute the contract(s) in an amount not to exceed \$3,020,000 for the Commercial Lawn and Garden Equipment Incentive and Exchange Program including outreach.

Sole Source Justification

Section VIII.B.3. of the Procurement Policy and Procedure identifies four major provisions under which a sole source award may be justified for federally funded

procurement. The request for sole source awards for the BNSF, Hyundai Motor Company, and Moreno Valley Unified School District contracts are made under Section VIII.B.3.c, which states the awarding federal agency or pass-through entity expressly authorizes non-competitive proposals in response to a written request from the non-federal entity.

Benefits to South Coast AQMD

The South Coast Air Basin is classified as an “extreme” nonattainment area for ozone under the Federal Clean Air Act. Projects supporting zero-emission locomotive repower, long-range Class 8 fuel cell truck demonstration, zero-emission school buses deployment, and lawn and garden equipment replacement help reduce ozone and PM2.5 air pollution. The project supports the *Technology Advancement Office Clean Fuel Program 2021 Plan Update* under the categories of “Electric/Hybrid Vehicle Technologies and Infrastructure” and “Hydrogen/Mobile Fuel Cell Technologies and Infrastructure.”

Also, the primary objective of the Commercial Lawn and Garden Equipment Incentive and Exchange Program is to reduce emissions of harmful criteria air pollutants by replacing gasoline- or diesel-powered lawn and garden equipment with zero-emission equipment in the South Coast AQMD jurisdiction, specifically in the ozone non-attainment area of Coachella Valley and the surrounding urban areas of Riverside County.

Resource Impacts

Zero-Emission Freight Line-Haul Locomotive Repower with supporting Charging Infrastructure

The contract with BNSF for repowering a diesel locomotive with zero-emission technology will not exceed \$4,967,000 from the Advanced Technology, Outreach and Education Fund (17). This includes U.S. EPA 2021 Targeted Airshed Grant funding of \$4,174,000, of which \$207,000 is for project implementation support, \$1 million cost-share from BNSF, \$533,000 from Progress Rail, and \$2.2 million in-kind from both BNSF and Progress Rail. The proposed project cost-share is shown in the table below:

Funding Source	Funding Amount	Percent
U.S. EPA FY21 Targeted Airshed Grant	\$4,174,000	46.9
BNSF	\$1,000,000	11.2
Progress Rail	\$533,000	6.0
BNSF & Progress Rail (In-Kind)	\$2,200,000	24.7
South Coast AQMD (requested)	\$1,000,000	11.2
Total	\$8,907,000	100.0

Long-Range Class 8 Fuel Cell Truck Demonstration

The contracts with Hyundai Motor Company will not exceed \$3,500,000 from Advanced Technology, Outreach and Education Fund (17). This includes U.S. EPA 2021 Targeted Airshed Grant funding of \$3,608,012, of which \$108,012 is for program implementation support. The total project cost of \$7,279,133 includes \$3,671,121 of cost-share from the fleet user FirstElement Fuel and Hyundai Motor Company. The proposed project cost-share is shown in the table below:

Funding Source	Funding Amount	Percent
U.S. EPA FY21 Targeted Airshed Grant	\$3,608,012	49.6
FirstElement Fuel (Fleet)	\$468,785	6.4
Hyundai Motor Company & FirstElement Fuel (In-Kind)	\$3,202,336	44.0
Total	\$7,279,133	100.0

Zero Emission School Bus Replacement Project

The contracts with Moreno Valley Unified School District will not exceed \$4,282,000 from the Advanced Technology, Outreach and Education Fund (17). This includes U.S. EPA 2021 Targeted Airshed Grant funding of \$4,390,012, of which \$108,012 is for program implementation support. The total project cost of \$12,952,162 includes \$8,562,150 of cost-share from Moreno Valley Unified School District. The proposed project cost-share is shown in the table below:

Funding Source	Funding Amount	Percent
U.S. EPA FY21 Targeted Airshed Grant	\$4,390,012	33.9
Moreno Valley Unified School District	\$8,562,150	66.1
Total	\$12,952,162	100.0

Commercial Lawn and Garden Equipment Incentive & Exchange Program

The total project cost of \$4,337,105 consists of the award from U.S. EPA in the amount of \$2,167,936, of which \$167,936 is for program implementation support. As part of the total project cost, \$1,000,000 is leveraged funding provided by participating equipment manufacturers in anticipated discounts for commercial-grade, electric lawn and garden equipment, and the remaining \$1,169,169 will be the cost-share for South Coast AQMD. Out of the \$1,169,169 cost-share from South Coast AQMD, \$20,000 is for program outreach and \$149,168.78 is for program implementation support.

Funding Source	Funding Amount	Percent
U.S. EPA FY21 Targeted Airshed Grant	\$2,167,936	50.0
Equipment Manufacturers	\$1,000,000	23.0
South Coast AQMD (requested)	\$1,169,169	27.0
Total	\$4,337,105	100.0

Sufficient funds will be available to execute contracts from the Advanced Technology, Outreach and Education Fund (17), once U.S. EPA 2021 Targeted Airshed grant funds are recognized. Sufficient funds are available in Air Quality Investment Fund (27)- Rule 1111 for the transfer of \$2,169,169 to the Advanced Technology, Outreach and Education Fund (17) to support the Zero-Emission Freight Line-Haul Locomotive Repower with supporting Charging Infrastructure and the Commercial Lawn and Garden Equipment Incentive & Exchange Program.

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 5

PROPOSAL: Recognize Revenue, Transfer and Appropriate Funds, Amend Contract, Issue Solicitations and Purchase Orders for Air Monitoring Equipment and One Vehicle

SYNOPSIS: South Coast AQMD is expected to receive up to \$794,261 from U.S. EPA for the FY 2022 (30th Year) PAMS Program. These actions are to recognize revenue and appropriate funds when they become available in Science & Technology Advancement's FY 2021-22 and/or FY 2022-23 budgets for the PAMS Program, transfer and appropriate funds for the remaining balances of the PAMS Program, amend contract for technical support, issue solicitations and execute purchase orders for air monitoring equipment and one vehicle.

COMMITTEE: Administrative, November 12, 2021; Recommended for Approval

RECOMMENDED ACTIONS:

1. Recognize revenue, upon receipt, and appropriate funds in the amount of \$404,261 (\$390,000 was previously included in Salaries & Employee Benefits within the FY 2021-22 Budget) for the U.S. EPA Section 105 Grant for the 30th Year PAMS Program into Science & Technology Advancement's (STA) (Org 47) FYs 2021-22 and/or 2022-23 Budgets, Services and Supplies and Capital Outlays Major Objects, as set forth in Attachment 1.
2. Authorize the Executive Officer to amend the existing contract with Sonoma Technology, Inc. in an amount not to exceed \$60,000 to provide additional meteorological audit and monitoring technical support within the scope of the contract, as shown in Attachment 1.
3. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue "Prior Bid, Last Price" purchase orders, or solicitation(s), as needed and, based on results, issue purchase orders for the equipment and services listed in Table 1;
4. Transfer up to \$42,000 from STA's FY 2021-22 Budget (Org 47) Services and Supplies Major Object to the Capital Outlays Major Object for the purchase of up to four Agilaire 8872 Data Loggers using FY 21 (29th Year PAMS) funding as shown in Table 1;

5. Authorize the substitution of one Gas Chromatograph equipped with Mass Spectrometer (GCMS) as approved in the FY 2021-22 Adopted Budget with an X-Ray Diffractometer (XRD) as listed in Table 2; and
6. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue "Prior Bid, Last Price" purchase orders, or solicitation(s), as needed and, based on results, issue purchase orders for items listed in Table 2 as approved in the FY 2021-22 Adopted Budget.

Wayne Nastri
Executive Officer

MMM:JCL:RMB:AH:KD:ld

Background

PAMS Program

In February 1993, U.S. EPA promulgated the PAMS regulations for areas classified as serious, severe or extreme nonattainment. These regulations require that South Coast AQMD conduct monitoring for ozone precursors with enhanced monitoring equipment at multiple sites. The PAMS Program also funds upper air and surface-based meteorological measurements at several locations. Since the onset of the PAMS Program, U.S. EPA has annually allocated Section 105 Grant funds in support of this requirement.

FY 2021-22 Capital Outlays Approved in the Adopted Budget

In May 2021, the Board approved the Executive Officer's Proposed Goals and Priority Objectives and Proposed Budget for FY 2021-22. The FY 2021-22 Adopted Budget includes capital outlay funds for the replacement of air monitoring and laboratory equipment to support Priority Objective I, Ensuring efficient air monitoring and laboratory operations as recommended.

Proposal

PAMS Program

The estimated U.S. EPA Section 105 Grant for the 30th Year PAMS Program funding is \$794,261 based on the 29th Year PAMS Program funding levels. This action is to recognize revenue, upon receipt, and appropriate a portion of the estimated funds in the amount of \$404,261 (with the remainder of \$390,000 already included in Salaries and Employee Benefits within the FY 2021-22 Budget) into the Services and Supplies and Capital Outlays Major Objects in STA's FYs 2021-22 and/or 2022-23 Budgets, as set forth in Attachment 1. U.S. EPA staff concurs with this proposed allocation.

Proposed Purchases through an RFQ Process, "Prior Bid, Last Price" Solicitation or Cooperative Agreement

Gas Dilution Systems

U.S. EPA requires the measurement of criteria pollutants at multiple sites. Periodic calibration of air monitors is required to meet U.S. EPA quality control criteria. Gas dilution systems are necessary to provide a known concentration of gas standard required for the calibration of air monitoring equipment. The current gas dilution systems are greater than ten years old and no longer meet U.S. EPA quality control requirements. The replacement gas dilution systems meet U.S. EPA requirements as outlined in the most recent ozone Technical Assistance Document. The approximate cost for up to four gas dilution systems is \$88,000 (see Table 1). The purchase will be made by “Prior Bid, Last Price” or through a solicitation process, as needed, followed by issuance of a purchase order(s).

Agilaire 8872 Data Loggers

South Coast AQMD operates two dedicated PAMS sites and 27 ozone and NO₂ sites in support of the PAMS monitoring network. The monitoring site data loggers are greater than 15 years old and will no longer be supported by the manufacturer beyond the most recent Windows 10 upgrade. Data loggers are used for real time reporting of air quality data to U.S. EPA and CARB for dissemination as AQI values to the public. The technical specifications of the data loggers are proprietary and consistent with the existing South Coast AQMD air monitoring network. The approximate cost for up to four data loggers is \$42,000 and the equipment will be purchased through a sole source process as specified in Table 1.

Utility Vehicle

Vehicles assigned to field maintenance technicians have been driven over 150,000 miles in support of the PAMS monitoring network. Instruments require regular site visits for maintenance and quality control diagnostic tests. Staff proposes to purchase one utility vehicle, either BEV or PHEV, at an estimated cost of up to \$60,000 (see Table 1). The purchase will be made through a solicitation process or through a Cooperative Purchasing Agreement. Low emission vehicles are available from vendors through cooperative purchasing under the State of California, Department of General Services, Procurement Division, and Alternative Fueled Vehicles Contract 1-18-23-23A through H. A BEV or PHEV utility vehicle will be selected from the vendor on the list with the most competitive price for these types of vehicles.

Proposed Contract Amendment

Technical Support for Upper Air and Monitoring Site Meteorological Network

On October 5, 2018, the Board authorized the solicitation of bids and execution of a multi-year contract to provide technical support for surface and upper air meteorological measurements. The contract was awarded to Sonoma Technology, Inc. (STI) with amendments each year based on available PAMS funds and contractor performance. This action allocates funding from the U.S. EPA Section 105 30th Year PAMS Program grant, authorizing the Executive Officer to amend the STI contract to add funds in the amount of \$60,000 to bring the contract total to \$301,000.

Recommended Action 4 is to transfer up to \$42,000 from the Equipment Maintenance account in the Services and Supplies Major Object as listed in Attachment 2 of the

December 2020 Board letter to the Capital Outlays Major Object in STA's FY 2021-22 Budget (Org 47) for the purchase of up to four Agilaire 8872 Data Loggers using 29th year PAMS funding.

Replacement Air Monitoring and Laboratory Equipment

South Coast AQMD operates a network of 42 air monitoring stations which measure criteria pollutants to meet U.S. EPA requirements. As part of the FY 2021-22 budget process, replacement instruments for gaseous and particulate monitoring along with laboratory equipment were included in the capital outlay budget.

This action is to substitute one Gas Chromatograph equipped with Mass Spectrometer (GCMS) as approved in the FY 2021-22 Adopted Budget with an X-Ray Diffractometer (XRD) and authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue "Prior Bid, Last Price" purchase orders, or solicitation(s), as needed and, based on results, issue purchase orders for items listed in Table 2 as approved in the FY 2021-22 Adopted Budget.

Sole Source Justification

Agilaire 8872 Data Loggers

Section VIII.B.3 of the South Coast AQMD's Procurement Policy and Procedure identifies four major provisions under which a sole source award may be justified when funded in whole or in part with federal funds. This request for sole source award is made under provision VIII.B.3.a. the item is available only from a single source. The data collection network involves the use of proprietary technology. Agilaire, LLC is the only manufacturer who produces data loggers which work with their AirVision® air quality data collection software. South Coast AQMD uses the Agilaire, LLC AirVision® software as the primary telemetry system for continuous measurements at all fixed air monitoring network sites.

Resource Impacts

U.S. EPA Section 105 Grant funding will support the operation of the PAMS Program including funding for Capital Outlays, Services and Supplies, and Salaries and Employee Benefits to meet necessary objectives of the Program.

Funding for the Capital Outlays listed in Table 2 is included in the FY 2021-22 Adopted Budget including the equipment substitution.

Table 1
Proposed PAMS Capital Outlay Expenditures for FYs 2021-22 and/or FY 2022-23

Description	Qty	Funding Source	Estimated Amount	Contracting Method
Gas Dilution Systems	Up to 4	PAMS 30th Year	\$88,000	'Prior Bid, Last Price' or Solicitation
Agilaire 8872 Data Loggers	Up to 4	PAMS 29th Year	\$42,000	Sole Source
Utility Vehicle	1	PAMS 30th Year	\$60,000	'Prior Bid, Last Price' or Solicitation
Total			\$190,000	

Table 2
FY 2021-22 Adopted Budget Capital Outlays Major Object

Description	Qty	Work Program Code	Estimated Amount	Contracting Method
Replacement Instruments for Gaseous and Particulate Measurements	21	44064	\$328,000	'Prior Bid, Last Price' or Solicitation
Gas Chromatograph with Mass Spectrometer (GCMS)	1*	44707	\$200,000	'Prior Bid, Last Price' or Solicitation
X-Ray Diffractometer (XRD)	1*	44450	\$200,000	'Prior Bid, Last Price' or Solicitation
Source-Level SCD for Speciated Sulfur	1	44715	\$85,000	'Prior Bid, Last Price' or Solicitation
Karl Fisher Auto Titrator With Analytical Balance and PC	2	44073	\$70,000	'Prior Bid, Last Price' or Solicitation
Automated Wilhelmy Plate Tensiometer	1	44707	\$35,000	'Prior Bid, Last Price' or Solicitation
Total			\$918,000	

*Two Gas Chromatograph with Mass Spectrometers were approved in the FY 2021-22 Adopted Budget. One unit will be substituted with an X-Ray Diffractometer upon Board approval.

Attachment

Proposed 30th Year PAMS Expenditures for FYs 2021-22 and/or 2022-23

Attachment 1

Proposed 30th Year PAMS Expenditures for FYs 2021-22 and/or FY 2022-23

Account Description	Account Number	Program Code	Estimated Expenditure
Services & Supplies Major Object:			
Rents & Leases Equipment	67300	47530	\$500
Rents & Leases Structure	67350	47530	8,000
Professional and Special Services: Data Management and Analysis	67450	47530	6,600
Professional and Special Services: Meteorological Audit and Monitoring Technical Support	67450	47530	60,000
Temp Agency Services	67460	47530	5,000
Demurrage Expenses	67550	47530	10,000
Maintenance of Equipment & Laboratory Instruments Service Agreement	67600	47530	50,000
Building Maintenance	67650	47530	9,000
Travel	67800	47530	5,000
Communications	67900	47530	2,000
Laboratory Supplies	68050	47530	69,161
Office Expense	68100	47530	5,000
Small Tools, Instruments, Equipment	68300	47530	20,000
Training	69500	47530	6,000
Total Services & Supplies Major Object:			\$256,261
Capital Outlay Major Object:			
Gas Dilution Systems (Up to 4)	77000	47530	\$88,000
Utility Vehicle	77000	47530	60,000
Total Capital Outlay Major Object:			\$148,000
Total			\$404,261

Note: \$390,000 was previously recognized in Salaries & Employee Benefits within the FY 2021-22 Budget.

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 6

PROPOSAL: Transfer and Appropriate Funds from Two Special Revenue Funds to General Fund for Information Management and Compliance and Enforcement Projects and Purchases to Support South Coast AQMD Operations and Close Two Special Revenue Funds

SYNOPSIS: The Board has established several Special Revenue Funds for a variety of purposes. Staff is recommending a transfer of \$508,900, and any additional interest earned, to the General Fund from the remaining balances in the Dry Cleaners Financial Incentive Grant and BP/SCAQMD Public Benefits Oversight Funds and the closure of these two Special Revenue Funds. The remaining balances would be used to purchase a toxic vapor analyzer, support the phone system upgrade and information management projects that will provide an electronic and mailing notice preferences capture system, and update the Agenda Tracking System.

COMMITTEE: Administrative Committee, November 12, 2021, Reviewed

RECOMMENDED ACTIONS:

1. Transfer \$508,900 from the remaining balances and any additional interest earnings from the following funds to the General Fund:
 - a. Dry Cleaners Financial Incentive Grant Fund (43), \$355,800; and
 - b. BP/SCAQMD Public Benefits Oversight Fund (65), \$153,100.
2. Close the Dry Cleaners Financial Incentive Grant Fund (43) and the BP/SCAQMD Public Benefits Oversight Fund (65);
3. Appropriate \$475,000 from the General Fund Undesignated (Unassigned) Fund Balance to Information Management's FY 2021-22 Budget for Services & Supplies and/or Capital Outlays Major Objects for the following projects:
 - a. \$75,000 for services and supplies related to supporting the phone system upgrade;
 - b. \$150,000 to develop an electronic and mailing notice preferences capture system; and
 - c. \$250,000 to update the Agenda Tracking System.

4. Appropriate \$33,000 from the General Fund Undesignated (Unassigned) Fund Balance to Compliance and Enforcement's FY 2021-22 Budget for Capital Outlays Major Object for the purchase of a Toxic Vapor Analyzer.

Wayne Natri
Executive Officer

JW:SJ/RM

Background

Dry Cleaner Grant Program

The incentive program was established in 2002 to assist dry cleaners using perchloroethylene (perc) to transition to equipment that would emit less toxic air pollution. The Board added funds to the grant program four times, for a total of \$4,250,000. Over 650 dry cleaners used this program to help purchase new dry cleaning equipment that did not use perc. Rule 1421 - Control of Perchloroethylene Emissions from Dry Cleaning Systems, required the use of non-perc alternative cleaning methods by December 31, 2020, so there is no longer a need for this grant program. There is an approximate balance of \$355,800 in this fund.

BP/SCAQMD Public Benefits Programs Oversight Committee

In 2005, South Coast AQMD and British Petroleum (BP) entered into a settlement agreement. In accordance with the settlement, BP committed \$3 million per year for ten years for a total commitment of \$30 million to fund community benefit programs and health studies which were selected by a Public Benefits Programs Oversight Committee. The Committee initially consisted of two representatives from BP, two representatives from the South Coast AQMD Board and a public member. On September 4, 2015, the Board authorized the Executive Officer to execute an agreement with BP to transfer authority of the BP/South Coast AQMD Public Benefits Oversight Committee to the South Coast AQMD Board. The last contract under this program was closed in January 2018, and there are no additional needs identified for the remaining approximately \$153,100.

Staff is recommending that the remaining balances from these two Special Revenue Funds be used for the currently unfunded operational needs described below.

Support for Phone System Upgrades

The Board approved phone system upgrades of \$100,000 in May 2021 as part of the FY 2021-22 budget. In addition to hardware upgrades, approximately \$75,000 is needed for services and supplies to support the upgrade.

Electronic and Mailing Notice Preferences Capture System

This system would modernize South Coast AQMD noticing procedures, enhance outreach effectiveness, and reduce mailing and newspaper publication costs. The estimated cost of this project is \$150,000 and it would take six to nine months to complete.

Agenda Tracking System

The Agenda Tracking System is the mechanism staff uses for review and production of all Board letters, presentations and other materials for Board meetings and Board Committee meetings. In use since 1998, this system is now cumbersome, outdated and needs to be overhauled to improve efficiency and maintain the ability to produce high quality Board and Committee materials. The estimated cost for this six to nine month project is \$250,000.

Toxics Vapor Analyzer

Compliance staff have used the Toxic Vapor Analyzer (TVA), a portable surface gas detection instrument, since the 1980's to identify fugitive VOC emissions at approximately 80 active landfills, 700 inactive landfill sites, approximately 350 petroleum oil and gas facilities, approximately 80 bulk loading facilities, seven off shore drilling platforms and eight petroleum refineries. The use of this equipment has been expanded in recent years due to the additional workload associated with the AB 617 and CARB Oil & Gas programs, placing a higher demand on these limited resources and presenting situations in which investigations have been delayed due to a lack of available monitoring resources. The requested TVA is both a flame ionizing detector (FID) and photo ionizing detector (PID) and includes global positioning system and Bluetooth wireless technologies. The inclusion of these options provides staff with the flexibility to use the monitors for a variety of applications. The estimated cost for the unit will not exceed \$33,000.

Proposal

Staff recommends transferring the remaining balances from two Special Revenue Funds (Dry Cleaners Financial Incentive Grant Fund (43), approximately \$355,800, and BP/SCAQMD Public Benefits Oversight Fund (65), approximately \$153,100) to the General Fund and closing the Dry Cleaners Financial Incentive Grant Fund (43) and the BP/SCAQMD Public Benefits Oversight Fund (65). \$475,000 of these funds would be appropriated to Information Management's FY 2021-22 Budget and used for services and supplies to support the phone system upgrades (\$75,000) and for two Information Management projects that would enhance public outreach through an electronic and mailing notice preferences capture system (\$150,000) and better support preparation and distribution of materials for Board and Committee meetings (\$250,000 for a new or revised Agenda Tracking System). Additionally, \$33,000 of these funds would be appropriated to Compliance and Enforcement's FY 2021-22 Budget and used to purchase a Toxic Vapor Analyzer.

Sole Source Justification

A sole source award is authorized under Section VIII.B.2.c(1) of the Procurement Policy and Procedure when the product or service is available from one source due to the unique qualities or capabilities of the vendor or proposed contractor.

Thermo Environmental Instruments (Thermo) handles sales for Thermo Fischer Scientific, the manufacturer of the TVA 2020. Compliance staff have used instruments manufactured by Thermo since the late 1990's to ensure compliance at petroleum and other operations. Staff's comparison of competitive units found the TVA 2020 to be the only FID that includes the PID and GPS functionality. The fully equipped TVA 2020 is approximately the same cost as the base units of competitors with FID functionality only. Staff believes the TVA 2020 is a unique product that is only available from a single source.

Resource Impacts

Sufficient funds are available to transfer approximately \$508,900 from the Dry Cleaners Financial Incentive Grant and BP/SCAQMD Public Benefits Oversight Funds to the General Fund Undesignated (Unassigned) Fund Balance.

Sufficient funding will be available in Information Management's and Compliance and Enforcement's FY 2021-22 Budget upon approval of the transfer and appropriation of \$508,000 from the General Fund Undesignated (Unassigned) Fund Balance.

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 7

PROPOSAL: Revise Procurement Policy and Procedure

SYNOPSIS: This action is to approve revisions to South Coast Air Quality Management District Procurement Policy and Procedure to: (1 increase up to \$350,000 the amount for which the Executive Officer may approve purchases of unbudgeted capital assets in case of an emergency or interruption of South Coast AQMD operations and (2 authorize the Executive Officer to approve expenses up to \$500,000 per fiscal year during periods that a Continuity of Operations Plan (COOP) is implemented. A report of such expenditures will be provided to the Administrative Committee every six months. Finally, this action is to appropriate \$275,000 into the District General FY 2021-22 Budget, Capital Outlays Major Object for unbudgeted capital assets in case of emergency or interruption of agency operations.

COMMITTEE: Administrative, November 12, 2021; Recommended for Approval

RECOMMENDED ACTIONS:

1. Adopt the revised Procurement Policy and Procedure;
2. Allow the Executive Officer to appropriate \$500,000 from the General Fund Undesignated (Unassigned) Fund Balance per fiscal year during periods that a COOP is in effect into any Department and Major Object in the General Fund Budget; and
3. Appropriate \$275,000 from General Fund Undesignated (Unassigned) Fund Balance into the District General FY 2021-22 Budget, Capital Outlays Major Object for unbudgeted capital assets needed in case of emergency or interruption of South Coast AQMD operations.

Wayne Nastri
Executive Officer

Background

The South Coast AQMD Procurement Policy and Procedure, adopted January 9, 1998 and last amended January 10, 2020, establishes the Executive Officer's procurement signature authority at \$100,000 for budgeted and \$10,000 for unbudgeted expenditures. In cases of emergency or interruption of South Coast AQMD operations, the Executive Officer's procurement signature authority for unbudgeted capital assets increases to \$75,000. In light of recent events, such as the Dominguez Channel odor event, staff recommends that, in case of an emergency, the level of \$75,000 in unbudgeted capital asset purchases needs to be increased. It is recommended that the Executive Officer's authority to approve purchases of unbudgeted capital assets in cases of emergency or interruption of operations be increased to \$350,000. A report of such purchases will be provided to the Administrative Committee every six months.

Currently, the South Coast AQMD Procurement Policy and Procedure includes provisions when a Continuity of Operations (COOP) is implemented for interruption of South Coast AQMD operations or an event of regional significance, the Executive Officer may approve expenses up to \$500,000 total during the period that the COOP is in effect. In light of the consequences of the ongoing pandemic it is recommended that the Procurement Policy and Procedure be amended to authorize the Executive Officer to approve expenses up to \$500,000 per fiscal year during the time that the COOP is in effect. A report of such expenses will be provided to the Administrative Committee every six months.

Proposal

It is recommended that South Coast AQMD's Procurement Policy and Procedure be amended to include these revised amounts. It is further recommended, in accordance with these provisions, that \$275,000 be appropriated from the General Fund Undesignated (Unassigned) Fund Balance into the District General FY 2021-22 Budget, Capital Outlays Major Object for unbudgeted capital assets needed in case of emergency or interruption of South Coast AQMD operations.

Resource Impacts

The Executive Officer will verify that sufficient funds exist in the General Fund Unreserved (Unassigned) Fund Balance prior to appropriating funds up to \$500,000 per Fiscal Year during a period that a COOP is in effect.

Sufficient funding is available from the General Fund Unreserved (Unassigned) Fund Balance to appropriate \$275,000 into the District General FY 2021-22 Budget, Capital Outlays Major Object. In future fiscal years unbudgeted capital assets of \$350,000 will be requested in the budget.

Attachment

South Coast Air Quality Management District Procurement Policy and Procedure

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

PROCUREMENT POLICY AND PROCEDURE

SECTION I: PURPOSE

- A. It is the policy of the South Coast Air Quality Management District (South Coast AQMD) to make available to all its offices and employees those services, supplies, equipment, materials, and capital assets which are essential to the operation of the South Coast AQMD.
- B. The execution of this policy is the function of the responsible officer as set forth herein.
- C. The procedures set forth in this policy govern contracting and/or purchasing of services, materials, equipment, supplies, and capital assets by the South Coast AQMD.
- D. The South Coast AQMD Board may contract for services, materials, equipment, supplies, and capital assets as may be necessary or convenient for the exercise of duties imposed upon the South Coast AQMD.

SECTION II: GOVERNING BODY AND APPLICABLE LAWS

- A. The South Coast AQMD is organized pursuant to Chapter 5.5, Part 3, Division 26 of the Health and Safety Code.
- B. The governing body of the South Coast AQMD is a Board of Directors composed in accordance with Health and Safety Code Section 40420 ("South Coast AQMD Board").
- C. The South Coast AQMD is required to adopt a purchasing policy pursuant to Government Code Section 54202.

SECTION III: PARTICIPATION IN THE PROCUREMENT PROCESS

A. General

It is the policy of the South Coast AQMD to ensure that all businesses including minority business enterprises, women business enterprises, disabled veteran business enterprises and small businesses have a fair and equitable opportunity to compete for and participate in South Coast AQMD contracts.

B. Definitions

The definition of minority, women and disadvantaged business enterprises set forth below is included for purposes of determining compliance with the affirmative steps requirement described in paragraph (F) below on procurements funded in whole or in part with federal funds which involve the use of subcontractors. The definitions provided for disabled veteran

business enterprise, local business, small business enterprise, zero or near-zero emission vehicle business, off-peak hours delivery business and benefits incentive business are provided for purposes of determining eligibility for point or cost considerations in the evaluation process.

1. "Women business enterprise" (WBE) as used in this policy means a business enterprise that meets all of the following criteria:
 - a. a business that is at least 51 percent owned by one or more women, or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more women.
 - b. a business whose management and daily business operations are controlled by one or more women.
 - c. a business which is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign-based business.
2. "Disabled veteran" as used in this policy is a United States military, naval, or air service veteran with at least 10 percent service-connected disability who is a resident of California.
3. "Disabled veteran business enterprise" (DVBE) as used in this policy means a business enterprise that meets all of the following criteria:
 - a. is a sole proprietorship or partnership of which at least 51 percent is owned by one or more disabled veterans or, in the case of a publicly owned business, at least 51 percent of its stock is owned by one or more disabled veterans; a subsidiary which is wholly owned by a parent corporation but only if at least 51 percent of the voting stock of the parent corporation is owned by one or more disabled veterans; or a joint venture in which at least 51 percent of the joint venture's management and control and earnings are held by one or more disabled veterans.
 - b. the management and control of the daily business operations are by one or more disabled veterans. The disabled veterans who exercise management and control are not required to be the same disabled veterans as the owners of the business.
 - c. is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, firm, or other foreign-based business.
4. "Local business" as used in this policy means a company that has an ongoing business within the South Coast AQMD at the time of bid or proposal submittal and performs 90% of the work related to the contract within the South Coast AQMD and satisfies the requirements of subparagraph H below. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points.

5. "Small business" as used in this policy means a business that meets the following criteria:
 - a. 1) an independently owned and operated business; 2) not dominant in its field of operation; 3) together with affiliates is either:
 - A service, construction, or non-manufacturer with 100 or fewer employees, and average annual gross receipts of ten million dollars (\$10,000,000) or less over the previous three years, or
 - A manufacturer with 100 or fewer employees.
 - b. Manufacturer means a business that is both of the following:
 - 1) Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.
 - 2) Classified between Codes 311000 and 339000, inclusive, of the North American Industrial Classification System (NAICS) Manual published by the United States Office of Management and Budget, 2007 edition.
6. "Joint ventures" as defined in this policy pertaining to certification means that one party to the joint venture is a DVBE or small business and owns at least 51 percent of the joint venture.
7. "Zero or Near-Zero Emission Vehicle Business" as used in this policy means a company or contractor that uses zero or near-zero emission vehicles in conducting deliveries to the South Coast AQMD. Zero or near-zero emission vehicles include vehicles powered by electric, compressed natural gas (CNG), liquefied natural gas (LNG), liquefied petroleum gas (LPG), ethanol, methanol, hydrogen and are certified to 90% or lower than the existing standard.
8. "Off-Peak Hours Delivery Business" as used in this policy means a company or contractor that commits to conducting deliveries to the South Coast AQMD during off-peak traffic hours defined as between 10:00 a.m. and 3:00 p.m.
9. "Benefits Incentive Business" as used in this policy means a company or contractor that provides janitorial, security guard or landscaping services to the South Coast AQMD and commits to providing employee health benefits (as defined below in Section VIII.D.2.d) for full time workers with affordable deductible and co-payment terms.
10. "Minority Business Enterprise" as used in this policy means a business that is at least 51 percent owned by one or more minority person(s), or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more or minority persons.
 - a. a business whose management and daily business operations are controlled by one or more minority persons.

- b. a business which is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign-based business.
 - c. "Minority person" for purposes of this policy, means a Black American, Hispanic American, Native-American (including American Indian, Eskimo, Aleut, and Native Hawaiian), Asian-Indian (including a person whose origins are from India, Pakistan, and Bangladesh), Asian-Pacific-American (including a person whose origins are from Japan, China, the Philippines, Vietnam, Korea, Samoa, Guam, the United States Trust Territories of the Pacific, Northern Marianas, Laos, Cambodia, and Taiwan).
11. "Most Favored Customer" as used in this policy means that the South Coast AQMD will receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services.
12. Disadvantaged Business Enterprise" as used in this policy means a business that is an entity owned and/or controlled by a socially and economically disadvantaged individual(s) as described by Title X of the Clean Air Act Amendments of 1990 (42 U.S.C. 7601 note) (10% statute), and Public Law 102-389 (42 U.S.C. 4370d)(8% statute), respectively;
- a Small Business Enterprise (SBE);
 - a Small Business in a Rural Area (SBRA);
 - a Labor Surplus Area Firm (LSAF); or
 - a Historically Underutilized Business (HUB) Zone Small Business Concern, or a concern under a successor program.
- C. Under Request for Quotations (RFQ), DVBEs, DVBE business joint ventures, small businesses, and small business joint ventures shall be granted a preference in an amount equal to 5 percent of the lowest cost responsive bid. Zero or Near-Zero Emission Vehicle Businesses shall be granted a preference in an amount equal to 5 percent of the lowest cost responsive bid. Off-Peak Hours Delivery Businesses shall be granted a preference in an amount equal to 2 percent of the lowest cost responsive bid. Local businesses (if the procurement is not funded in whole or in part by federal grant funds) shall be granted a preference in an amount equal to 2 percent of the lowest cost responsive bid.
- D. Under Request for Proposals (RFP), DVBEs, DVBE joint ventures, small businesses, small business joint ventures and benefits incentive businesses shall be awarded ten (10) points in the evaluation process. A non-DVBE or large business shall receive seven (7) points for subcontracting at least 25 percent of the total contract value to a DVBE or small business. Zero or Near-Zero Emission Vehicle Businesses shall be awarded five (5) points in the evaluation process. On procurements that are not funded in whole or in part by federal grant funds local businesses shall receive five (5) points. Off-Peak Hours Delivery Businesses shall be awarded two (2) points in the evaluation process.
- E. The South Coast AQMD will ensure that discrimination in the award and performance of contracts does not occur on the basis of race, color, sex, national origin, marital status, sexual preference, creed, ancestry, medical condition, or retaliation for having filed a discrimination complaint in the performance of South Coast AQMD contractual obligations.

- F. When contracts are funded in whole or in part by federal funds, and if subcontracts are to be let, the Contractor must comply with the following, evidencing a good faith effort to solicit disadvantaged businesses. Contractor shall submit a certification signed by an authorized official affirming its status as a MBE or WBE, as applicable, at the time of contract execution. The South Coast AQMD reserves the right to request documentation demonstrating compliance with the following good faith efforts prior to contract execution.
1. Ensure Disadvantaged Business Enterprises (DBEs) are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.
 2. Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.
 3. Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and Local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.
 4. Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.
 5. Using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.
 6. If the prime contractor awards subcontracts, require the prime contractor to take the above steps.
- G. To the extent that any conflict exists between this policy and any requirements imposed by federal and state law relating to participation in a contract by a MBE, WBE, and/or DVBE as a condition of receipt of federal or state funds, the federal or state requirements shall prevail.
- H. When contracts are not funded in whole or in part by federal funds, a local business preference will be awarded. For such contracts that involve the purchase of commercial off-the-shelf products, local business preference will be given to suppliers or distributors of commercial off-the-shelf products who maintain an ongoing business within the geographical boundaries of the South Coast AQMD. However, if the subject matter of the RFP or RFQ calls for the fabrication or manufacture of custom products, only companies performing 90% of the manufacturing or fabrication effort within the geographical boundaries of the South Coast AQMD shall be entitled to the local business preference. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points.

- I. For federally funded procurements, the South Coast AQMD shall comply, where applicable, with federal fair share requirements set forth in 40 CFR 33, or equivalent federal regulations.
- J. It is the policy of the South Coast AQMD to receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services. To this purpose, formal bidding procedures, sole source awards, and RFP/RFQ processes will include a certification for “most favored customer” status. South Coast AQMD will give preference, where appropriate, to vendors who certify that they will provide “most favored customer” status to the South Coast AQMD.
- K. Responsibilities of South Coast AQMD Personnel:
 1. The Manager of the Procurement Section shall be responsible for:
 - a. Developing and maintaining South Coast AQMD procedures to ensure proper implementation of this policy.
 - b. Reviewing solicitations to ensure compliance with this policy prior to public release.
 - c. Preparing a monthly report to the South Coast AQMD Board on solicitations scheduled to be released within the next month and preparing a semi-annual report to the South Coast AQMD Board on contract activity.
 - d. Reviewing contracts and purchase orders to ensure compliance with this policy and applicable laws and regulations.
 - e. Providing periodic training to South Coast AQMD personnel on contracting and purchasing policies and procedures.
 - f. Developing and maintaining a database of vendors seeking to do business with the South Coast AQMD.
 - g. Participating at trade fairs and other procurement outreach programs.
 - h. Publication of Notices Inviting Bids or Proposals.
 - i. Maintaining records sufficient to detail the significant elements of the procurement, including, but not limited to: authorizing Board Letter or memorandum to authorizing contract signatory; the Contract Request Authorization Memorandum from the originating organization; the Request for Proposal, if applicable; the contractor’s final proposal; and any miscellaneous South Coast AQMD internal correspondence concerning the terms of the contract.
 2. South Coast AQMD Legal Counsel shall be responsible for:
 - a. Representing the South Coast AQMD in all litigation actions involving implementation of this policy.
 - b. Providing legal opinions regarding the interpretation of bid specifications, proposal requirements, and contract provisions.
 3. South Coast AQMD staff is responsible for:

- a. Taking all necessary and reasonable steps in accordance with applicable South Coast AQMD requirements to execute this policy and to ensure that all businesses including MBEs, WBEs, DVBEs and small businesses have fair and equitable participation in the solicitation process.
- b. Screening the South Coast AQMD's vendor database to obtain names of companies which have expressed an interest in doing business with the South Coast AQMD.
- c. Ensuring that relevant business enterprises listed in the database will receive copies of solicitations.
- d. Coordinating the advertising of solicitations with the Manager of the Procurement Section or his or her designee in conformance with the policies and procedures of this policy.
- e. Providing the Manager of the Procurement Section with a draft of the solicitation for review prior to public release and issuance of an RFQ or RFP number by the procurement staff.
- f. For contracts funded in whole or in part with federal funds, performing and documenting a cost or price analysis as appropriate, including a lease versus purchase analysis, as set forth in 40 CFR 31.36(f) and 31.36(b)(4). Appropriate staff shall also maintain records sufficient to detail the significant history of a procurement, including the method of procurement, selection of the contract type, contractor selection or rejection, and the basis for the contract price.
- g. Providing the Manager of the Procurement Section with all documents showing the history of the procurement as set forth in Section III(K)(1)(i).

SECTION IV: PURCHASING OF SUPPLIES, SERVICES AND EQUIPMENT

A. Manager of the Procurement Section Authority and Responsibilities

1. The Manager of the Procurement Section may purchase, upon appropriate authorization, services, materials, equipment, supplies, and capital assets.
2. The Manager of the Procurement Section shall designate those persons who will have authority to make purchases.
3. The Manager of the Procurement Section shall act in the best interests of the South Coast AQMD in negotiating the best price on all goods and services, cost and other factors considered; and in accordance with all rules, regulations, and policies herein set forth, and all applicable provisions of law.
4. For non-consultant services and supplies which can reasonably be expected to exceed \$50,000 on an annual basis, the Manager of the Procurement Section may use a competitive prequalification process. As used in this policy, the term "prequalified vendors" shall be defined as the list of vendors whom the South Coast AQMD has determined to be qualified to provide particular services or supplies. As requirements become identified, competitive bids will be sought only from those vendors on the prequalified vendor list.

5. Whenever possible, to effect economies of scale purchasing, the Manager of the Procurement Section shall pursue the policy of cooperative purchasing, provided that the quality of the available items meets South Coast AQMD requirements. Cooperative or leveraged purchasing is the policy of utilizing pricing established from competitively bid state or national contracts to procure required materials, i.e., the California Department of General Services sponsored California Multiple Award Schedules (CMAS) or equivalent. This allows the South Coast AQMD to enjoy the same terms, discounts, prices, and availability of items that would not be possible in all cases under small-scale purchasing.
6. The Manager of the Procurement Section shall advertise for public bidding, as set forth in Section VII hereof, any item directed by the South Coast AQMD Board or Executive Officer. In any event, the procedure described in Section VI must be followed for purchases in excess of \$25,000.
7. Subject to the supervision and direction of the Executive Officer, it shall be the duty of the Manager of the Procurement Section to purchase from time to time such quantities of supplies as may be required for official use and keep same in such storeroom or rooms as the South Coast AQMD shall provide. Such supplies shall be disbursed upon receipt of regular requisitions presented to the Manager of the Procurement Section or his or her designee.

B. Purchasing Methods:

The following purchasing methods shall be utilized, as applicable:

1. Formal Bid - A written bid solicited through public advertising and submitted under sealed bid procedures and which is opened and read on a specified date and time. This method is primarily used for equipment or services costing \$25,000 or more.
2. Informal bid – For procurements above \$2,500 and below \$25,000 an unadvertised written bid from a vendor may be utilized when the cost of the equipment or supplies is so low as to not justify the costs of the formal bidding procedure.
3. Telephone Bid – For procurements not to exceed \$2,500, telephone bids may be utilized by the Manager of the Procurement Section or his or her designee when the best interests of the South Coast AQMD may be served due to the need for immediate delivery or for other valid reasons.
4. Sole or Single Source – For procurements in excess of \$10,000, the Executive Officer may approve that the award may be made without a formal bid when the item or service to be purchased may be obtained from only one source and the item or service is one which does not lend itself to substitution. Said bids must be confirmed in writing and justified in accordance with the provisions of Section VIII.(B) using a Single/Sole-Source Procurement Request form approved by the Executive Officer.
5. Prior Bid, Last Price - After confirming the validity of a prior price, an award may be made on the basis of a prior bid or on the basis of a last price, if the conditions of a previous purchase are similar.

6. Request for Quotation - A written request describing materials, equipment, capital assets, supplies or services sought which may contain certain plans and specifications. Quotations may be solicited through either formal or informal bid procedures.
 7. Formal bidding shall be used when economies of scale can be achieved, when there are equal and competitive products, or when discounts are applicable.
- C. Capital assets purchases shall be defined as purchases of assets that have a life of at least one year and a total acquisition cost of \$5,000 or more. Purchases of capital assets are governed by the following:
1. The Manager of the Procurement Section shall be the responsible officer authorized to approve the purchase of budgeted capital assets up to the amount of \$10,000 upon the request of the appropriate Deputy or Assistant Deputy Executive Officer.
 2. The Executive Officer may approve purchases of budgeted capital assets from \$10,000 to \$100,000 and unbudgeted capital assets up to \$10,000, or in case of an emergency or interruption of South Coast AQMD operations, up to ~~\$75,000~~350,000. A report of such purchases will be provided to the Administrative Committee every six months.
 3. Purchases of budgeted capital assets over \$100,000 and unbudgeted capital assets over \$10,000, except as provided in paragraph two above, require Board approval.
 4. The Manager of the Procurement Section may, by direct sales or otherwise, sell or dispose of any capital assets belonging to the South Coast AQMD and found by the South Coast AQMD Board not to be required for public use. Capital assets procured with federal funds may require prior approval from the awarding federal agency, which if required, shall be secured by South Coast AQMD staff prior to requesting the South Coast AQMD Board to approve disposal of the applicable asset(s).
 - a. All moneys collected from the proceeds of sales are to be deposited in the South Coast AQMD's bank account.
 - b. No member of the South Coast AQMD Board or family member and no South Coast AQMD employee or family member shall be permitted to purchase any assets or supplies of the South Coast AQMD, except those items disposed of in an open public auction.
 - c. Upon finding that it is in the best interests of the South Coast AQMD, the South Coast AQMD Board may authorize transfer of equipment, supplies, and materials for nominal monetary consideration to public agencies, nonprofit organizations that meet the requirements of Section 501(c) of the Internal Revenue Code, or educational institutions for use in air quality improvement or other activities in the public interest.
 5. The Manager of the Procurement Section may upon written approval of the Executive Officer or his or her designee purchase unbudgeted fixed asset items having a total unit cost not exceeding \$10,000, (including freight and taxes). The purchase of unbudgeted capital assets having a total unit cost in excess of \$10,000 shall be made by the Manager

of the Procurement Section only after approval of such purchase by the South Coast AQMD Board.

SECTION V: CONSTRUCTION, ALTERATION, OR IMPROVEMENT OF SOUTH COAST AQMD FACILITIES

A. Executive Officer approval required:

1. The Executive Officer may contract for the construction, alteration, or improvement of South Coast AQMD facilities when the total cost of the proposed, budgeted construction, alteration, or improvement does not exceed \$100,000. The Executive Officer may approve up to an additional \$100,000 in costs in each subsequent fiscal year.
2. Depending on the nature of the work to be performed, detailed plans and specifications are not required. However, any change or alteration of such plans and specifications shall be in writing.
3. The contracting methods utilized by the Executive Officer under these provisions shall be in accordance with Section IV.B.

B. Governing Board approval required:

1. The South Coast AQMD Board may contract for the construction, alteration, or improvement of South Coast AQMD facilities.
2. The South Coast AQMD Board shall adopt detailed plans and specifications for the work.
3. All bidders shall be afforded the opportunity to examine the plans and specifications. Any changes or alterations of the plans and specifications shall be in writing.
4. The South Coast AQMD Board shall, to the greatest extent practicable, award the contract to the lowest cost responsive bidder, except as provided in Section VI.(B). The person to whom the contract is awarded shall perform the work in accordance with the plans and specifications.
5. The Contractor to whom the contract is awarded shall execute a completion and performance bond, to be approved by the Executive Officer or designee, for the faithful performance of contracts over \$100,000 per fiscal year
6. If the cost of work is reduced by reason of any modification of the plans and specifications, such reduced cost shall be credited to the South Coast AQMD.
7. If the cost of the work increases for any reason, the Executive Officer may authorize the additional work up to an amount not to exceed \$100,000 in any one fiscal year. The Executive Officer may approve up to an additional \$100,000 in costs in each subsequent fiscal year. If the cost exceeds the original contract by over \$100,000 in any one fiscal year, Board approval will be required.

- C. All solicitations for construction, alteration, or improvement of South Coast AQMD facilities shall require contractors to comply with applicable federal laws including but not limited to the Copeland Anti-Kickback Act, the Davis Bacon Act, the Contract Work Hours and Safety Standards Act, Occupational Safety and Health Act and applicable state laws governing health and safety, workers compensation, prevailing wage rates, and labor hours.

SECTION VI: BIDDING PROCEDURES

A. Request for Quotations or Proposals

1. When the term "Request for Quotations" (RFQ) or "Request for Proposal" (RFP) is used in this policy, the following is meant: The responsible staff person shall, in writing, solicit quotations from qualified bidders. The prospective bidders shall be sent an RFQ or RFP which specifies the materials, equipment, capital assets, supplies, or services sought and the date by which bids are required, which date shall be at least 30 days from the date and time the RFQ or RFP is sent or posted on the South Coast AQMD website. For RFQs or RFPs approved by the Executive Officer, waiver of the 30-day period may be approved by the Executive Officer. For any RFP or RFQ, the Executive Officer may extend the response period.
2. In all cases in which written specifications are prepared and submitted for public bid and a trade name is specified, the specifications shall contain the phrase "or equal" and a bidder shall be allowed to bid upon a specific trade name product or its equivalent in quality and performance.
3. Subject to other provisions of this policy, a bid will be awarded to the lowest responsive, qualified bidder whose bid is in accordance with prescribed requirements and/or specifications.
4. The preparation of detailed specifications or obtaining of bids may be waived by the Executive Officer or his or her designee if proper justification has been provided that:
 - a. The items are available from only one source;
 - b. Public health or property may be endangered by delay;
 - c. An emergency or interruption of South Coast AQMD operations has occurred;
 - d. Required construction, repair, or project completion dates cannot be met;
 - e. Used or surplus equipment or supplies cannot be covered by specifications or plans;
or
 - f. Other circumstances exist which, in the determination of the Executive Officer, require waiver in the best interests of the South Coast AQMD.

B. Acceptance or Rejection of Bids

1. The South Coast AQMD Board or appropriate officer may accept or reject all or any bids and quotations or may accept or reject a part of any bid and to waive technical defects if

to do so best serves the interests of the South Coast AQMD. Preference will be given, however, to the lowest cost responsive bidder.

2. In the event all bids or quotations are rejected, the South Coast AQMD Board or appropriate officer, may take any of the following actions:
 - a. Solicit new bids or quotations. In the event that a "Notice Inviting Bids/Proposals" was required, the notice must be re-advertised.
 - b. Proceed to purchase equipment, materials, services, capital assets or supplies through the State General Services Agency pursuant to Government Code Section 54205, or other leveraged/cooperative purchasing opportunities, if feasible.
3. The Executive Officer and/or Governing Board may award the contract to a bidder, other than the bidder determined to be the lowest bidder, in the event the Executive Officer and/or the Governing Board determine that another bidder would provide the best value to the South Coast AQMD. In such case, the supporting rationale for such a determination must be provided. The determination shall be on the bids or quotations and on evidence provided in the quotation and/or any other evidence provided during the bid review process. Evidence provided during the bid review process is limited to clarification by the bidder of information presented in his/her proposal/quotation.
4. In the event that no bids were received after a written solicitation or advertising, the South Coast AQMD Board or Executive Officer, may reissue the solicitations, or contract for the equipment, capital assets supplies, materials, or services on a sole-source basis.

SECTION VII: PUBLICATION REQUIREMENTS FOR ADVERTISED PROCUREMENTS

- A. For any purchase of alterations or improvements to South Coast AQMD facilities, services, materials, equipment, or capital assets estimated to exceed \$25,000, the following procedures apply unless a written determination has been made by the Executive Officer or his or her designee that the estimated cost of the procurement does not justify the cost of advertising:
 1. A "Notice Inviting Bids/Proposals" shall be published in a newspaper of general circulation at least once a week for two successive weeks. Two publications in a newspaper published once a week or more often, with at least five days intervening between the respective publication dates are sufficient. The period of notice commences on the first day of publication and terminates at the close of business on the fourteenth day.
 2. One or more "Notices Inviting Bids/Proposals" shall be published in one or more of the following, whichever would allow the notice to be distributed to the largest number of persons or firms qualified to do the work:
 - a. Newspapers of general circulation (mandatory)
 - b. California State Contracts Register

- c. Journal of the Air & Waste Management Association
 - d. ARB Computer Bulletin Board
 - e. Professional journals and trade publications including small, minority, women, and veteran business publications, and
 - f. South Coast AQMD Website on the Internet
3. The "Notice Inviting Bids/Proposals" shall contain a brief description of the equipment, materials, supplies, or services sought, the address where the plans and/or specifications may be inspected or where additional information may be obtained, and time and place of delivery of the Bid or Proposal.
 4. A listing of open RFQs and RFPs will be made available to various legislative caucuses, community groups, trade organizations, chambers of commerce and other interested parties at the time the Notice Inviting Bids/Proposals is submitted for publication. Parties desiring copies of any of the RFQs or RFPs will be advised that a complete copy can be obtained by downloading it from the South Coast AQMD website or requesting a hard copy from the designated South Coast AQMD contact.

SECTION VIII: CONTRACTING FOR CONSULTING AND PROFESSIONAL SERVICES

A. General

1. It is the policy of the South Coast AQMD to utilize the most highly qualified professional services to carry out the responsibilities of the South Coast AQMD.
2. Due to the nature of the work to be performed or the staffing level required, it may, from time to time, be necessary to utilize the services of outside contractors/consultants who are not employees of the South Coast AQMD.

B. Contracting Methods

1. Proposals subject to this Section shall be advertised pursuant to the provisions of Section VII unless the Executive Officer waives the bidding requirements of this Section based upon a written documentation justifying a sole-source award, as described below
2. Except for contracts funded in whole or in part with federal funds, written justification for a sole-source award must be provided documenting that:
 - a. The cost of labor for preparation of the described documents exceeds the possible savings that could be derived from such detailed documents; or
 - b. Public health or property may be endangered by delay; or

- c. The desired services are available from only the sole-source based upon one or more of the following reasons:
 - (1) The unique experience and capabilities of the proposed contractor or contractor team;
 - (2) The project involves the use of proprietary technology;
 - (3) The contractor has ownership of key assets required for project performance; or
 - d. Other circumstances exist which in the determination of the Executive Officer require such waiver in the best interests of the South Coast AQMD. Such circumstances may include but are not limited to:
 - (1) Projects involving cost sharing by multiple sponsors
 - (2) Time extension of an existing contract;
 - (3) Projects involving a commitment to multiple project phases;
 - (4) Level-of-effort expert consultation services;
 - (5) Performance of South Coast AQMD work concurrent with local government official duties;
 - (6) Projects requiring compatibility with existing specialized equipment;
 - (7) Cooperative internship programs with accredited colleges and universities;
 - (8) Research and development efforts with educational institutions or nonprofit organizations.
3. For contracts funded in whole or in part with federal funds, written justification for sole-source award must be provided documenting that awarding a contract is infeasible under small purchase procedures, sealed bids or competitive proposals and that one of the following circumstances applies:
- a. The item is available only from a single source;
 - b. The public exigency or emergency for the requirement will not permit a delay resulting from competitive solicitation;
 - c. The awarding Federal agency or pass-through entity expressly authorizes non-competitive proposals in response to a written request from the non-Federal entity; or
 - d. After solicitation of a number of sources, competition is determined inadequate.

C. Selecting the Appropriate Contracting Method

1. Prior to the letting of a contract for consulting or professional services, South Coast AQMD staff shall prepare the following, as applicable:
 - a. A written assessment of the objectives of the project or study in which previous work, if any, on the same subject shall be reviewed, including an assessment of current and future South Coast AQMD needs for the project and an estimate of the project cost;
 - b. A statement of work to be performed in carrying out the project or study;
 - c. A statement of the qualifications of persons necessary to perform the work including a description of experience, education, and training, and related work in general and specific fields; and
 - d. An assessment of the resources needed to carry out the project or study including, facilities, laboratory, equipment, and computer hardware and software.
2. Based upon an evaluation of the documentation prepared pursuant to Paragraph C1 and any other information deemed necessary, the Executive Officer or his or her designee shall:
 - a. Evaluate the ability of South Coast AQMD staff to perform all or part of the work, taking into consideration South Coast AQMD staff resources and other work being performed by South Coast AQMD staff; or
 - b. If it is determined that all or part of the work should be done pursuant to a contract for professional consulting services, the Executive Officer shall determine if the services shall be procured on a sole-source basis in accordance with the criteria set forth in Paragraph B2 above or a competitive basis. On federally funded procurements, the requirements of Paragraph B3 above shall be applicable in accordance with 40 CFR 31.36 or applicable federal regulation. On contracts for budgeted consulting or professional services over \$100,000 or unbudgeted consulting or professional services over \$10,000, the Executive Officer shall recommend to the South Coast AQMD Board that a sole-source contract be awarded. If a sole-source contract is approved by the South Coast AQMD Board, it may designate who is authorized to execute the contract.
3. If it is determined that the services should be procured competitively, the South Coast AQMD staff member responsible for originating the requirement shall prepare an RFP using the most current version of the sample RFP contained on the South Coast AQMD computer network and prepare a Bidders Mailing List. At a minimum, the RFP should contain the following areas specifically tailored to the requirement:
 - a. Background/Schedule of Events
 - b. Section III of the South Coast AQMD Procurement Policy
 - c. Work Statement/Schedule of Deliverables
 - d. Required Qualifications
 - e. Proposal Submittal Requirements

- f. Proposal Evaluation Criteria
 - g. Draft Contract
 - h. Certifications and Representations
4. All RFPs must be reviewed by the Manager of the Procurement Section prior to assignment of an RFP number by Procurement staff. RFPs for budgeted consulting or professional services over \$100,000 that deviate from approved South Coast AQMD RFP evaluation criteria and RFPs for unbudgeted consulting or professional services over \$10,000 must be approved by the South Coast AQMD Board prior to release. RFPs for budgeted consulting or professional services up to \$100,000 and unbudgeted consulting or professional services under \$10,000 that comply with South Coast AQMD RFP evaluation criteria shall be approved by the Executive Officer or his or her designee.
 5. RFPs estimated to exceed \$25,000 will be advertised in accordance with the procedures set forth in Section VII. The Notice Inviting Proposals shall specify the services sought and the date by which proposals are required, which date shall be at least 30 days from the date and time the RFP is mailed. Waiver of the 30-day period may be approved by the Executive Officer.

D. Proposal Evaluation and Contract Award

1. Sole-source proposals or a competitive proposal which is the sole response to an RFP should be evaluated by the originator of the requirement to ensure that the proposal is technically acceptable and that the proposed amount is reasonable based on previous proposals for similar work, knowledge of the marketplace, and South Coast AQMD's independent cost estimate. Documentation regarding the reasonableness of the proposed cost must be included in the project file compiled by the originator. The Single/Sole-Source Procurement Request form approved by the Executive Officer, shall be included with the documentation supplied to the Contracts Unit as detailed in Section III.K.i.
2. Competitive proposals will be evaluated by a panel of three-to-five South Coast AQMD staff familiar with the subject matter of the project. The panel shall be appointed by the Executive Officer or his or her designee to evaluate the submitted proposals. In addition, the evaluation panel may include such outside public sector or academic community expertise as deemed desirable by the Executive Officer. The Executive Officer or his or her designee shall appoint a chairman from this group.

a. Evaluation of Proposals.

Each member of the evaluation panel shall be accorded equal weight in his or her rating of the proposals. The evaluation panel members shall evaluate the proposals according to specified criteria and shall assign a numerical score to each evaluation factor. Suggested guidelines for technical criteria and weightings are set forth below, but may be modified by the RFP originator based upon the specific project requirements and approval by the responsible Deputy Executive Officer.

b. Sample Proposal Evaluation Criteria

(1)	Standardized Services	<u>Points</u>
	Understanding of Requirement	20
	Contractor Qualification	20
	Past Experience	10
	Cost	<u>50</u>
	TOTAL:	100
(2)	R&D Projects Requiring Technical or Scientific Expertise, or Special Projects Requiring Unique Knowledge or Abilities	
	Understanding the Problem	20
	Technical/Management Approach	20
	Contractor Qualifications	20
	Previous Experience on Similar Projects	10
	Cost	<u>30</u>
	TOTAL	100
(3)	Additional Points	
	Small Business or Small Business Joint Venture	10
	DVBE or DVBE Joint Venture	10
	Benefits Incentive Business	10
	Use of DVBE or Small Business Subcontractors Zero or Near-Zero	7
	Emission Vehicle Business (for supply contracts)	5
	Local Business (Non-Federal Funded Projects)	5
	Off-Peak Hours Delivery Business	2
	Most Favored Customer	2

To receive additional points in the evaluation process for the categories of Small Business or Small Business Joint Venture, DVBE or DVBE Joint Venture or Local Business (for non-federal funded projects), the proposer must submit a self-certification or certification from the State of California Office of Small Business Certification and Resources at the time of proposal submission certifying that the proposer meets the requirements set forth in Section III. To receive points for the use of DVBE and/or Small Business subcontractors, at least 25 percent of the total contract value must be subcontracted to DVBEs and/or Small Businesses. To receive points as a Zero or Near-Zero Emission Vehicle Business, the proposer must demonstrate to the Executive Officer, or designee, that supplies and materials delivered to the South Coast AQMD are delivered in vehicles that operate in accordance with the definition provided in Section III.B.7. To receive points as a Local Business, the proposer must affirm that it has an ongoing business within the South Coast AQMD at time of the bid/proposal submittal and that 90% of the work related to the contract will be performed within the South Coast AQMD. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points. Federally funded projects are not

eligible for local business incentive points. To receive points as an Off-Peak Hours Delivery Business, the proposer must submit, at proposal submission, certification of its commitment to delivering supplies and materials to South Coast AQMD between the hours of 10:00 a.m. and 3:00 p.m. To receive points for Most Favored Customer status, the proposer must submit, at proposal submission, certification of its commitment to provide most favored customer status to the South Coast AQMD. To receive points as a Benefits Incentive Business, the proposer must provide, at a minimum, health insurance at one of the levels identified in Paragraph d below. Documentation showing proof of such insurance coverage must be submitted with the proposal. The cumulative points awarded for Small Business, DVBE, use of Small Business or DVBE Subcontractors, Benefits Incentive Business, Local Business, Zero or Near-Zero Emission Vehicle Business and Off-Peak Hour Delivery Business shall not exceed 15 points. An additional 2 points can be awarded to those firms certifying Most Favored Customer pricing, for a total of 17 points possible.

- c. The Procurement Section will be responsible for monitoring compliance of suppliers awarded purchase orders based upon use of zero or near-zero emission vehicles or off-peak traffic hour delivery commitments through the use of vendor logs which will identify the contractor awarded the incentive. The purchase order shall incorporate terms which obligate the supplier to deliver materials in zero or near-zero emission vehicles or deliver during off-peak traffic hours. The Receiving department will monitor those qualified supplier deliveries to ensure compliance to the purchase order requirements. Suppliers in non-compliance will be subject to a two percent of total purchase order value penalty. The Procurement Manager will adjudicate any disputes regarding either zero or near-zero emission vehicle or off-peak hour deliveries.
- d. Benefits Incentive Businesses, in order to receive 10 additional points, must provide affordable health insurance to full-time employees, which are defined as employees who work 30 hours or more per week. Affordable health insurance is defined to mean meeting or exceeding the following minimum levels of coverage:

Employee Deductibles/Fees

PPO Plan Design

- In-Network Deductible \$500 single
- In-Network Out-of-Pocket Maximum \$2,500
- Out-of-Network Co-pay 30%
- Office Visit Co-pay \$20 per visit
- Retail Drug Co-pay \$11 (generic)/\$24(premium)/\$44(nonformulary)
- Mail Order Drug Co-pay \$14 (generic) /\$32 (premium)/\$57 (nonformulary)
- Single Contribution 10% or less of premium

HMO Plan Design

- Office Visit Co-pay \$20
- Inpatient Hospitalization \$250 deductible
- Emergency Room Co-pay \$50 per visit
- Retail Drug Co-pay \$11 (generic)/\$24(premium)/\$44(nonformulary)
- Mail Order Drug Co-pay \$14 (generic) /\$32 (premium)/\$57 (nonformulary)

Single Contribution 10% or less of premium

Documentation to prove insurance coverage may include quotes from health insurance providers or a copy of the most recent health insurance invoice, with an attached Plan Summary. Documentation must not include medical information, employee names, or any personal employee information. An officer of the bidding company must certify in writing that the health insurance information provided is true and accurate and that, if selected, the company will provide health insurance to its full-time employees for the duration of the contract term at the same levels shown above or better. The selected Contractor will be required to update the proof of health insurance on an annual basis and to provide a certified copy of payroll if requested.

- e. For procurement of standardized services, technical factors including past experience shall be weighted at 50 points and cost shall be weighted at 50 points. For procurement of Research and Development (R & D) projects or projects requiring technical or scientific expertise or special projects requiring unique knowledge and abilities, technical factors including past experience shall be weighted at 70 points and cost shall be weighted at 30 points, subject to other provisions of this policy. A proposal must receive at least 56 out of 70 points, or 80 percent of the possible technical points, as applicable, on R & D projects and projects for unique technical expertise in order to be deemed qualified for award.
- f. The responsible staff person shall prepare a summary of the proposal evaluations and a recommendation for the award to his or her responsible Deputy Executive Officer.
- g. The Executive Officer and/or Governing Board may award the contract to a proposer other than the proposer receiving the highest rating. In the event the Executive Officer and/or Governing Board determine that another proposer from among those technically qualified would provide the best value to the South Coast AQMD considering cost and technical factors, supporting rationale for such a determination must be provided. The determination shall be based solely on the Evaluation Criteria contained in the RFP, on evidence provided in the proposal and on any other evidence provided during the proposal review process. Evidence provided during the proposal review process is limited to clarification by the proposer of information presented in proposal.
- h. Contracts for budgeted consulting or professional services over \$100,000 and for unbudgeted consulting or professional services over \$10,000 must be approved by the South Coast AQMD Board. The Executive Officer may approve up to an additional \$100,000 in costs in each subsequent fiscal year. Contracts for budgeted consulting or professional services of \$100,000 or less and contracts for unbudgeted consulting or professional services of \$10,000 or less shall be approved by the Executive Officer and the Executive Officer may approve up to an additional \$100,000 in costs in each subsequent fiscal year. After approval by the Executive Officer or South Coast AQMD Board, the responsible staff person shall prepare a Contract Request Approval Memorandum, Scope Statement, Work Statement, and Cost or Payment Schedule and forward these documents to the Contracts Unit.

- i. The Contracts Unit will prepare the contract and forward all documents to the responsible staff person for final approvals by the DEO, or ADEO as applicable, Manager of the Procurement Section, South Coast AQMD Counsel and the Executive Officer. If the contract is funded in whole or in part with federal funds, the contract shall incorporate the awarding federal agency's applicable contract provisions as specified in the awarding agency's regulations (e.g. 40 CFR Part 31.36(i) for EPA grants, and 10 CFR Part 600.148 for DOE grants).
- j. Once approved, the Executive Officer or his or her designee or the Chair of the South Coast AQMD Board, and the successful proposer's authorized official will execute the contract.

SECTION IX: BID PROTEST PROCEDURE

A. It is the policy of the South Coast AQMD to consider protests from bidders or prospective bidders regarding South Coast AQMD's procurement actions. South Coast AQMD will respond to valid and timely protests. If South Coast AQMD determines that the protest is frivolous, the protester may be deemed ineligible for future contract awards.

B. Procedure

- A. General – The procedure set forth in this subsection is mandatory. Failure by a protester to comply with this subsection will constitute a waiver of any right to further pursue the protest, including the filing of a claim under the relevant Government Code section or initiating legal proceedings. In no event will a protest be considered if all proposals are rejected.
- B. Submission of Protests – Protests must be submitted in writing to the South Coast AQMD Procurement Manager, 21865 Copley Drive, Diamond Bar, CA, 91765. A valid protest must include at a minimum:
 - a. Name, address and telephone number of the protester or its representative;
 - b. The procurement action being protested;
 - c. Detailed description of the specific legal and factual grounds of the protest, which include identifying the specific provisions of the solicitation, rules, regulations or laws upon which the protest is based;
 - d. Copies of all (or any) documentation supporting the allegations in the protest; and
 - e. The specific relief requested.
- C. Types of Protests and Deadlines to File – South Coast AQMD will recognize the following types of protests:

- a. Protest Regarding Solicitation – An interested party that is an actual or prospective bidder with a direct economic interest in the procurement may file a protest based on unduly restrictive or defective specifications or other apparent improprieties in the solicitation process affecting the interested party’s ability to submit a proposal and/or qualifications statements. Such protests must be received no later than ten (10) days prior to the deadline to submit proposals.
 - b. Protest Regarding Award of Contract – An actual bidder may file a protest regarding the award of a contract, based on South Coast AQMD’s determination of the responsiveness of the proposals, errors in calculation, or other apparent improprieties in the evaluation of proposals affecting the ranking/scoring of the proposals. In addition, a protest may be made on the grounds that the party awarded the contract fraudulently represented itself as a responsible bidder or that South Coast AQMD violated any local, State or federal laws in awarding the contract. Such protests must be received no later than ten (10) days after the contract has been awarded by the Governing Board. If the contract is not required to be awarded by the Governing Board and is awarded by the Executive Officer, or designee, in accordance with the Procurement Policy and Procedures, such protests must be received no later than ten (10) days after the contract is signed and executed by the Executive Officer, or designee.
- D. South Coast AQMD’s Response to Protests – Upon receipt of a valid and timely protest, the Executive Officer, or designee, will investigate the protest and will provide a written response to the protester within a reasonable time. If necessary, the Executive Officer, or designee, may extend the deadline to submit proposals to allow for a reasonable time to review the protest. The Executive Officer, or designee, at his or her sole discretion, may elect to withhold the contract award until the protest is resolved or denied or proceed with the award and implementation of the contract.

Protest Remedies – If the protest is upheld, the Executive officer, or designee, will consider all circumstances surrounding the procurement in his or her decision for a fair and reasonable remedy, including the degree of prejudice to the protester or to the integrity of the competitive procurement process, the urgency of the procurement, the extent of performance if the contract has already been executed and implemented, the cost to South Coast AQMD, and the impact of the proposed remedy. The remedy may include, but is not limited to, reissuance of the solicitation, revised evaluation of the proposals, or termination of the contract.

SECTION X: CONTINUITY OF OPERATIONS PLAN PROCUREMENT AUTHORITY

- A. If a Continuity of Operations (COOP) plan is implemented for an interruption of South Coast AQMD operations or an event of regional significance, the Executive Officer may approve expenses in accordance with this Section up to \$500,000, per fiscal year ~~in the aggregate~~, during the period the COOP is in effect. A report of such expenditures will be provided to the Administrative Committee and the South Coast AQMD Board every six months.

- B. The Executive Officer's procurement authority under a COOP shall include the purchase of necessary supplies, capital assets and consulting, professional, or other services to aid in the continuity of South Coast AQMD operations.

- C. While the COOP is in effect, the Executive Officer or designee may waive the solicitation, bidding, advertising, publication and sole-source justification requirements to expedite the purchase and receipt of needed supplies, capital assets and consulting, professional, or other services.

Revised: ~~4/2020~~-11/2021

REVISED

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 8A

PROPOSAL: Consider Protest of Award of Request for Proposals for Legislative Representation in Washington D.C. P 2022-01

SYNOPSIS: -On November 12, 2021, the Administrative Committee considered responses to a request for proposals for legislative representation in Washington D.C. The Administrative Committee noticed that the cost for one proposal, Duncan, Weinberg, Genzer & Pembroke (DWGP), was approximately twice as much as any of the other proposals and determined, on that basis, not to interview DWGP. During public comment, DWGP contended that its cost points should have been calculated differently. On November 18, 2021, DWGP filed a bid protest. This item is to consider whether to grant the bid protest prior to considering awarding contracts for Washington D.C. legislative representation.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:

Consider the bid protest and take appropriate action.

Wayne Natri
Executive Officer

BBB/lal

Background

DWGP filed a bid protest pursuant to the South Coast AQMD Procurement Policy, contesting the “awards by the Administrative Committee” on the grounds that the awards were premised on “errors in calculation, or other apparent improprieties in the evaluation of proposals affecting the ranking/scoring of proposals.” Procurement Policy Section IX.B.3.b. (A copy of the protest is attached as Attachment 1). The Policy allows bid protests for contracts awarded by the Board. While the award has not been made

yet, the Administrative Committee recommended to the Board awarding contracts to three consultants, the Carmen Group, Cassidy and Associates, and Kadash and Associates. The selection of legislative consultants for Washington D.C. is on the December 3 agenda for consideration, and as such, the Board may, in its discretion, consider the merits of the protest prior to making any awards.

The protest alleges that the bid, for \$408,000, was for the entire scope of work, whereas the three consultants the committee recommended were “linked” and “the linked bidders divided the work.” The protest further alleges that “the three linked bidders, while individually bidding over \$200,000 each, in fact offered a total bid for the same scope of work [for] \$664,482.” The protest claims that since its cost is less than the combined cost of the three recommended firms, failure to recommend DWGP violated the Procurement Policy regarding preference for the lowest cost, responsive qualified bidder. The protest also alleges that the RFP was misleading because it stated that the funding would be for a maximum of \$440,000. The protest requests as a remedy “(1) correction of staff’s scoring sheet for this RFP to reflect DWGP’s bid as receiving the maximum score possible for Cost and the linked bids as receiving a zero score; and 2) an opportunity to fairly present our credentials.”

Proposal

Staff recommends denying the bid protest.

The bid protest was incorrect that the bids from the three firms recommended for awards were “linked” and that the three firms would divide the scope of work. Their respective cost proposals were for the entire scope of work. There is no indication in the bids of the three firms that their bids were “linked.” Any or all of the firms awarded contracts may do any or all of work described in the scope of work or none at all. That is, while South Coast AQMD may enter into contracts with the three recommended firms, any one firm can be assigned all the work, part of the work or none at all. Moreover, the scores assigned by the evaluation panel for cost were appropriate and reasonable – 30 points for the lowest cost (Monares Group), and all others receiving points on a prorated basis. DWGP’s bid was assigned “zero” because it was more than twice the amount of the lowest bidder, so pursuant to the RFP, 100% of the possible points were subtracted. This was done in accordance with Section IX.B.4. of the RFP. (See Attachment 1 ~~The RFP is attached hereto as Attachment 2~~).

Further, the Governing Board may, in its discretion, choose to award contracts to a bidder that is not the lowest cost bidder. The Procurement Policy specifically does not provide a preference to the lowest cost bidder for contracts for consulting and professional services (such as legislative representation), unlike for contracts for construction, alteration or improvement of South Coast AQMD facilities which does provide for preference for the lowest cost bidder. (See Sections V & VIII of the Policy.) The Board may also, at its discretion, select more than one bidder and to increase the amount available, as stated in the Sections IX.G and IX. H. of the RFP.

Even if DWGP's cost of \$408,000 were compared to \$664,482, and DWGP was awarded 30 points for cost and all others receiving points on a prorated basis, the highest cost bidder would not automatically receive zero points, as alleged in the protest. Instead, it would receive proportionately fewer points depending on the percent by which its bid exceeded the lowest cost bid. (See attached staff response in Attachment 23). As shown in the attached, DWGP's score would be comparable to that of the recommended bidders, except that DWGP's technical score was substantially lower than that of the recommended bidders. And even if the lowest cost responsible bidder preference were applicable here, which it is not, the Board may still award the contract to a bidder, other than the bidder determined to be the lowest bidder, in the event the Board determines that another bidder would provide the best value to the South Coast AQMD.

Since the protest has not demonstrated an "error in calculation, or other apparent improprieties in the evaluation of proposals affecting the ranking/scoring of proposals," staff recommends the bid protest be denied. In the protest, DWGP has also requested an "opportunity to present its credentials." DWGP has the right to comment during public comment on this item as well as the item where legislative consultants are recommended for selection. The Board has discretion whether to provide DWGP with any additional opportunity to present its credentials.

Resource Impacts

There are no resource impacts associated with this item.

Attachments

1. Protest of Award, 11/12/21 Administrative Committee Meeting Agenda, RFP No. 2022-01, and DWGP's Response to RFP No. 2022-01 and FedEx Label and Tracking Detail
2. Staff Response to Protest and Procurement Policy Excerpts

DWGP & P 50 YEARS

DUNCAN WEINBERG GENZER PEMBROKE

WALLACE L. DUNCAN (1937-2008)
EDWARD WEINBERG (1918-1995)
JEFFREY C. GENZER
THOMAS L. RUDEBUSCH
MICHAEL R. POSTAR
ELI D. EILBOTT*
LISA S. GAST
PETER J. SCANLON
DEREK A. DYSON
BHAVEETA K. MODY
KRISTEN CONNOLLY McCULLOUGH
ELLEN L. HILL

Of Counsel
DONALD H. CLARKE
PETER C. KISSEL**
JAMES D. PEMBROKE
ROBERT WEINBERG

1667 K STREET, NW, SUITE 700
WASHINGTON, DC 20006
(202) 467-6370
www.dwgp.com

Via Federal Express

November 15, 2021

California Office
SUITE 1410, 915 L STREET
SACRAMENTO, CA 95814
(916) 498-0121
SEAN M. NEAL
LAUREN M. PERKINS
SYLWIA DAKOWICZ**

Senior Counsel
ROBERT A. LAURIE**

*REGISTERED TO PRACTICE BEFORE
U.S. PATENT AND TRADEMARK OFFICE

** NOT ADMITTED IN D. C.; SUPERVISION
BY PRINCIPALS OF THE FIRM, MEMBERS
OF THE DC BAR

Dean Hughbanks
South Coast AQMD Procurement Manager
21865 Copley Drive
Diamond Bar, CA, 91765

Re: Protest of Award of Request for Proposals for Legislative Representation in
Washington, D.C, P2022-01

Dear Mr. Hughbanks:

Duncan, Weinberg, Genzer & Pembroke, P.C. ("DWGP"), hereby protests the November 12, 2021 awards of legislative representation services adopted by the South Coast Air Quality Management District ("SCAQMD") Administrative Committee. DWGP's Protest is submitted pursuant to Section IX of SCAQMD's Procurement Policy and Procedure ("Procurement Policy").

DWGP's Protest contests the November 12, 2021, awards by the Administrative Committee, on the grounds that the awards were premised on "errors in calculation, or other apparent improprieties in the evaluation of proposals affecting the ranking/scoring of the proposals." Procurement Policy § IX.B.3.b. Pursuant to Procurement Policy § IX.B.2 and its subparts, DWGP provides the following information in support of its protest:

a. Name, address and telephone number of the protester or its representative:

Jeff Genzer
Chair and Shareholder
Duncan, Weinberg, Genzer &
Pembroke, P.C.

1667 K Street, N.W. Suite 700
Washington, D.C. 20006
(202) 467-6370

b. The procurement action being protested

DWGP protests the actions taken on November 12, 2021 by the SCAQMD Administrative Committee in conducting its interview of applicants, as well as subsequent awards, as to SCAQMD RFP P2022-01 for Legislative Representation in Washington, D.C, P2022-1 for the period beginning on or about January 14, 2022. DWGP timely submitted its proposal to SCAQMD before the deadline on October 5, 2021. DWGP partnered with Mr. Clinton Britt of the Grove Climate Group, LLC in submitting its proposal.

c. Detailed description of the specific legal and factual grounds of the protest

At the November 12, 2021 Administrative Committee meeting, despite being invited by SCAQMD staff to the meeting to present our credentials and to answer any questions, the Administrative Committee decided at the outset of taking up the agenda item that DWGP should not be interviewed because our cost was deemed too high. The chart included as part of the Administrative Committee's detailed agenda showed DWGP as receiving a "zero" score for the cost factor based upon our bid price of \$408,000. In contrast, three linked bidders, while individually bidding over \$200,000 each, in fact offered a total bid for the same work scope of \$664,482. As such, DWGP's single bid was in fact \$256,482 **LESS** than those three combined, linked bids dividing the work. Importantly, DWGP's bid was for the entire scope of work, and the linked bidders divided the scope of work. Those three, linked bidders each received approximately 25 points in the scoring sheet for Cost.¹

The Procurement Policy, § IV.A.3, states that, "Subject to other provisions of this policy, a bid will be awarded to the lowest responsive, qualified bidder whose bid is in accordance with prescribed requirements and/or specifications." Additionally, Procurement Policy § IV.B.1 provides that, "Preference will be given, however, to the lowest cost responsive bidder." Given that the scoring of the relative proposals was incorrect, based on the false premise that the three, linked proposals were separate, when they were, in fact, linked, the Administrative Committee's awards violate these key provisions of the Procurement Policy. The scoring should be revised and corrected, with DWGP's bid receiving the maximum score possible for Cost and the linked bids as receiving a zero score.

In addition, the RFP itself was misleading, stating (at 1) that "Total funding for the initial year shall be up to a maximum amount of \$440,000." The RFP did not suggest additional funds available to allow a budget for legislative services equal to or greater than \$600,000, as was disclosed at the November 12 Administrative Committee meeting.

DWGP was informed by staff in advance of the Administrative Committee meeting that we would be given one minute to introduce ourselves, though the linked bidders (who obviously

¹ See page 216 of the SCAQMD Extended Board Agenda from the November 12 meeting, which is attached hereto

have a long-term relationship with SCAQMD) each were given an extended period to present their credentials and also apparently had met with the Administrative Committee of the Board immediately in advance of the November 12 meeting. DWGP was ultimately allowed to speak only during the public comment period, limited to a three-minute period and was denied the opportunity to provide additional comment when requested.

During the Committee discussion, one of the Committee members lamented the fact that few bidders participated. In fact, DWGP was the only bidder not linked to the other proposals (it was disclosed during the interviews that the fourth bidder, The Monares Group, was working to affiliate with one of the other bidders). Considering this patently unfair process and the misleading scoring assessment which was never corrected during the meeting, it is no wonder that no other bidders would participate.

To be clear, Carmen Group, Cassidy & Associates, and Kadesh & Associates are fine firms with great reputations (as Mr. Genzer noted during his verbal comments), but that does not excuse the bidding process that was utilized by SCAQMD. Obviously, we would not have wasted our time on this effort if we knew the result was preordained.

d. Copies of all (or any) documentation supporting the allegations in the protest

DWGP attaches in support of its Protest: 1) documents included as part of Item 12 of the detailed agenda for the Administrative Committee's November 12, 2021 meeting, including the scoring sheet for the proposals; 2) RFP P2022-01; and 3) DWGP's response to the RFP.

e. The specific relief requested

The decision made by the Administrative Committee and the inaccurate scoring of DWGP's proposal contributed to an unfair and unjust process. Accordingly, DWGP requests: 1) correction of SCAQMD staff's scoring sheet for this RFP to reflect DWGP's bid as receiving the maximum score possible for Cost and the linked bids as receiving a zero score; and 2) an opportunity to fairly present our credentials.

Conclusion

SCAQMD does have an historic opportunity to access federal funds under the infrastructure bill that was just passed and the reconciliation bill that may pass, and we have been very engaged in that process. The SCAQMD does important work and provides a crucial public

service. However, SCAQMD was not well served through this bidding process. DWGP requests the SCAQMD's prompt consideration of this protest and the relief requested.

Sincerely,

A handwritten signature in blue ink that reads "Jeff Genzer" with a stylized flourish at the end.

Jeff Genzer

Shareholder and Chair,
Duncan, Weinberg, Genzer &
Pembroke, P.C.



South Coast Air Quality Management District

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

ADMINISTRATIVE COMMITTEE MEETING HYBRID FORMAT

Committee Members

Chair Ben Benoit, Committee Chair
Senator (Ret.) Vanessa Delgado, Vice Chair
Mayor Pro Tem Michael Cacciotti
Board Member Gideon Kracov
Supervisor Janice Rutherford

November 12, 2021 ♦ 10:00 a.m.

Pursuant to Assembly Bill 361 the South Coast AQMD Administrative Committee meeting will be held at 10:00 a.m. on Friday, November 12, 2021 through a hybrid format of in-person attendance in the Dr. William A. Burke Auditorium at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and/or virtual attendance via videoconferencing and by telephone.

Given health and safety concerns, auditorium seating availability may be limited and the meeting format may be changed to full remote via webcast. Please refer to South Coast AQMD's website for information regarding the format of the meeting, updates if the meeting is changed to a full remote via webcast format, and details on how to participate:

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

Proof of vaccination or a negative COVID test within 72 hours prior to the start of the meeting will be required for admittance into the auditorium.

Proof of COVID-19 Vaccination includes:

- COVID-19 Vaccination Record Card (issued by the Department of Health and Human Services Centers for Disease Control & Prevention or WHO Yellow Card1) which includes name of person vaccinated, type of vaccine provided and date doses administered); OR
- A photo of a vaccination card as a separate document; OR
- A photo of the vaccine card stored on a phone or electronic device; OR
- Documentation of vaccination from a healthcare provider; OR
- [Digital record](#) that includes a QR code that when scanned by a SMART Health Card reader displays to the reader: name, date of birth, vaccine dates and vaccine type

REMINDER: Mask wearing is required indoors during the meeting.

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

Join Zoom Webinar Meeting - from PC or Laptop

<https://scaqmd.zoom.us/j/93760468442>

Zoom Webinar ID: 937 6046 8442 (applies to all)

Teleconference Dial In

+1 669 900 6833

One tap mobile

+16699006833,93760468442#

**Audience will be able to provide public comment in person or through Zoom connection or telephone.
PUBLIC COMMENT WILL STILL BE TAKEN**

AGENDA

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

CALL TO ORDER

- Roll Call

DISCUSSION ITEMS – Items 1 through 10:

1. Board Members' Concerns (***No Motion Required***)
Any member of the Governing Board, on his or her own initiative may raise a concern to the Administrative Committee regarding any South Coast AQMD items or activities. Chair Ben Benoit
Committee Chair
2. Chair's Report of Approved Travel (***No Motion Required***) Chair Benoit
3. Report of Approved Out-of-Country Travel (***No Motion Required***) Wayne Nastri
Executive Officer
4. Review December 3, 2021 Governing Board Agenda Wayne Nastri pgs. 6-17
5. Approval of Compensation for Board Member Assistant(s)/
Consultant(s) (Any material, if submitted, will be distributed at the
meeting.) (***Motion Requested if Proposal Made***) Chair Benoit
6. Update on South Coast AQMD Inclusion, Diversity and Equity
Efforts (***No Motion Required***)
*Staff will provide an update on current and future efforts for our internal
processes and programs.* Dr. Cessa Heard-Johnson
Diversity, Equity and
Inclusion Officer pgs. 18-26
7. Budget and Economic Outlook Update (***No Motion Required***)
*Staff will provide an update on economic indicators and key South Coast
AQMD metrics.* Jill Whynot
Chief Operating Officer
8. Status Report on Major Ongoing and Upcoming Projects for
Information Management (***No Motion Required***)
*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.* Ron Moskowitz pgs. 27-34
Chief Information Officer,
Information Management
9. Annual Audited Financial Statements for FY Ended June 30, 2021
(***No Motion Required***)
*This item transmits the annual audited financial statements of the South
Coast AQMD. The South Coast AQMD has received an unmodified
opinion (the highest obtainable) on its financial statements.* Sujata Jain pgs. 35-198
Chief Financial Officer,
Finance

10. South Coast AQMD's FY 2021-22 First Quarter ended September 30, 2021 Budget vs. Actual (Unaudited) **(No Motion Required)**
Staff will provide a comparison of budget vs. actual results for revenues and expenditures for the fourth quarter which ended September 30, 2021.
- Sujata Jain pgs. 199-205

ACTION ITEMS – Items 11 through 16:

DECEMBER ITEMS

11. Recognize Revenue, Transfer and Appropriate Funds, Amend Contract, Issue Solicitations and Purchase Orders for Air Monitoring Equipment and One Vehicle **(Motion Requested)**
South Coast AQMD is expected to receive up to \$794,261 from U.S. EPA for the FY 2022 (30th Year) PAMS Program. These actions are to recognize revenue and appropriate funds when they become available in Science & Technology Advancement's FY 2021-22 and/or FY 2022-23 budgets for the PAMS Program, transfer and appropriate funds for the remaining balances of the PAMS Program, amend contract for technical support, issue solicitations and execute purchase orders for air monitoring equipment and one vehicle.
- Dr. Jason Low pgs. 206-212
ADEO, Science & Technology Advancement
12. Interview Firms and Recommend Execution of Contract(s) for Legislative Representation in Washington, D.C. **(Motion Requested)**
In September 2021, the Board approved the release of an RFP to solicit proposals for legislative representation in Washington, D.C. The Administrative committee will interview firms and make recommendations to the Board regarding a contract(s) for the agency's legislative representation. This action is to authorize the Chairman to execute contracts with [Contractor(s)] for [amount] legislative consulting services in Washington, D.C. for one year beginning on January 15, 2022, with an option for up to two one-year renewals, upon satisfactory performance, at the Board's discretion.
- Derrick J. Alatorre pgs. 213-216
DEO, Legislative, Public Affairs & Media
13. Recommend Approval of New Member for South Coast Young Leaders Advisory Council (YLAC) **(Motion Requested)**
Board Member Gideon Kracov recommends approval to add one new member, Jack Symington, to the Young Leaders Advisory Council.
- Derrick J. Alatorre pgs. 217-218
14. Transfer and Appropriate Funds from Two Special Revenue Funds to the General Fund for Information Management and Compliance and Enforcement Projects and Purchases to Support South Coast AQMD Operations and Close Two Special Revenue Funds **(Motion Requested)**
The Board has established several Special Revenue Funds for a variety of purposes. Staff is recommending a transfer of \$508,900, and any additional interest earned, to the General Fund from the remaining balances in the Dry Cleaners Financial Incentive Grant and BP/SCAQMD Public Benefits Oversight Funds and the closure of these two Special Revenue Funds. The remaining balances would be used to purchase a toxic vapor analyzer, support the phone system upgrade and information management projects that will provide an electronic and mailing notice preferences capture system, and update the Agenda Tracking System.
- Sujata Jain pgs. 219-222

Item 12

BOARD MEETING DATE: December 3, 2021

AGENDA NO.

PROPOSAL: Execute Contracts for Legislative Representation in Washington, D.C.

SYNOPSIS: In September 2021, the Board approved the release of an RFP to solicit proposals for legislative representation in Washington, D.C. The Administrative committee will interview firms and make recommendations to the Board regarding a contract(s) for the agency's legislative representation. This action is to authorize the Chairman to execute contracts with [Contractor(s)] for [amount] legislative consulting services in Washington, D.C. for one year beginning on January 15, 2022, with an option for up to two one-year renewals, upon satisfactory performance, at the Board's discretion.

COMMITTEE: Administrative, November 12, 2021; Recommended for Approval

RECOMMENDED ACTIONS:

1. Authorize the Chairman to execute contracts with XYZ for \$XXX,XXX XYZ for \$XXX,XXX, and XYZ for \$XXX,XXX for legislative consulting services in Washington, D.C. for one year beginning on January 15, 2022, with an option for up to two one-year renewals, upon satisfactory performance, at the Board's discretion.

Wayne Nastri
Executive Officer

DJA:LTO:RAR:AR

Background

The current contracts for legislative representation in Washington, D.C. expire on January 15, 2022. Following Board approval on September 3, 2021, staff released RFP #P2022-01 to solicit proposals for legislative representation in Washington, D.C.

As one of the largest air quality regulatory agencies in the United States and a leader in

air quality innovation, South Coast AQMD is an important contributor to national policymaking discussions relevant to air quality related issues. Representation in Washington, D.C. ensures that the agency's input and policy priorities are conveyed in a timely and effective manner during the federal legislative and policy-setting process.

It is critical that South Coast AQMD be involved in policy development relating to federal air quality legislation, federal Clean Air Act implementation, subvention funding, special grants, and that all these issues and any other related matters are closely monitored. Therefore, staff recommends continued direct representation and advocacy of South Coast AQMD's policy positions on environmental issues in Washington, D.C.

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 Sun, the Riverside County Press Enterprise, and The Hill newspapers to leverage the most cost-effective method of outreach to qualified firms providing federal legislative representation services.

Additionally, to notify as many potential bidders as possible, approximately 20 RFP notification letters were emailed to lobbying and public affairs firms in the Washington, D.C. area. Notice of the RFP was also emailed to 13 state and federal legislative caucuses and diverse chambers of commerce and business associations and placed on the internet at South Coast AQMD's website (<http://www.aqmd.gov>) where it can be viewed by making the selection "Grants & Bids."

Bid Evaluation

Five proposals were received in response to the RFP. The proposals were evaluated and scored by a three-member evaluation panel (see Panel Composition section). All five proposals were considered technically qualified and forwarded to the Administrative Committee for consideration. The attached matrix presents the scores and total proposal costs for the firms interviewed by the Administrative Committee.

Panel Composition

The evaluation panel consisted of one South Coast AQMD Assistant Deputy Executive Officer, one South Coast AQMD Public Affairs Manager, and the Director of Legislative and Public Affairs from San Bernardino County Transportation Authority. Of the three panelists, one is Asian American, one is Hispanic, and one is African American; one is female and two are male.

Committee Recommendations

After interviewing the five firms, and reviewing written materials submitted as part of the proposals, the Administrative Committee recommends to the Board the selection of

the following firms: XYZ, XYZ, and XYZ.

Resource Impacts

The funding for the first year is available in the Legislative & Public Affairs FY 2021-22 Budget. Funding for the two optional one-year extensions is contingent upon Board approval for the respective fiscal years.



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
REQUEST FOR PROPOSALS
FOR LEGISLATIVE REPRESENTATION IN WASHINGTON, D.C.

P2022-01

South Coast Air Quality Management District (South Coast AQMD) requests proposals for the following purpose according to terms and conditions attached. In the preparation of this Request for Proposals (RFP) the words "Proposer," "Contractor," "Consultant," "Bidder" and "Firm" are used interchangeably.

PURPOSE

South Coast AQMD requires representation in Washington, D.C. to ensure that South Coast AQMD's input and policy priorities are conveyed in a timely and effective manner during the federal legislative and policy-setting process. It is critical that South Coast AQMD be involved in policy development relating to federal air quality legislation, federal Clean Air Act implementation, subvention funding and special grants, and other related issues, and that all these issues are closely monitored.

The purpose of this Request for Proposals (RFP) is to contract with outside representative(s) knowledgeable in air quality-related issues to provide assistance with and representation of South Coast AQMD policy positions and funding needs before the Congress, the White House and federal agencies. Consultant(s) shall be paid on a monthly basis for services rendered at an agreed upon Flat Monthly Fee and actual costs incurred for out-of-pocket expenses. The current South Coast AQMD contracts for legislative representation in Washington, D.C. expire on January 14, 2022.

The selected firm(s) will be expected to provide a variety of services, to be outlined in the work statement, and consistent with South Coast AQMD Governing Board direction. Total funding for the initial year shall be up to a maximum amount of \$440,000. The contract(s) may include an option for two annual renewals, contingent on satisfactory performance and approval of subsequent budgets, at the South Coast AQMD Board's discretion.

INDEX - The following are contained in this RFP:

Section I	Background/Information
Section II	Contact Person
Section III	Schedule of Events
Section IV	Participation in the Procurement Process
Section V	Statement of Work/Schedule of Deliverables
Section VI	Required Qualifications
Section VII	Proposal Submittal Requirements
Section VIII	Proposal Submission
Section IX	Proposal Evaluation/Contractor Selection Criteria
Section X	Funding
Section XI	Sample Contract

Attachment A - Participation in the Procurement Process
Attachment B - Certifications and Representations

SECTION I: BACKGROUND/INFORMATION

From time to time, South Coast AQMD requires the assistance of outside counsel having special expertise and experience as one of the largest air quality regulatory agencies in the United States and a leader in air quality innovations, South Coast AQMD is an important contributor to the national policymaking discussions relevant to air quality related issues. Given the fluid activity in Congress, the Administration and within federal agencies on air quality matters, our mandates to achieve National Ambient Air Quality Standards, and the large portion of federally regulated sources of pollution that challenge our ability to achieve attainment in the South Coast region, it is imperative that South Coast AQMD maintain a strong presence in Washington, D.C. Thus, South Coast AQMD seeks a contractual agreement with consultant(s) to support the South Coast AQMD Governing Board's Federal Legislative goals and objectives for 2022 in Washington D.C., in accordance with the requirements of this RFP.

Much of the 2022 South Coast AQMD legislative goals and objectives in Washington, D.C. will depend on the outcome of the 2021 legislative session. However, many of the prior years' program elements are expected to continue and be built upon in the coming session in Washington, D.C. This ongoing presence at the federal level is essential for the achievement of meaningful progress. The 2022 South Coast AQMD legislative goals and objectives in Washington, D.C. will be focused on policy and funding, especially for mobile sources impacting the South Coast region. The federal representatives will be required to engage with the Administration, Congress, industry, environment and health organizations and other stakeholders. The 2022 legislative priorities will likely include the following:

Air Quality Funding (Authorization of Program and Policies and Appropriations of Funds)

Seek adequate funding levels for air quality issues through existing and new opportunities to enable the South Coast Air Basin to reach attainment of NAAQS, including supportive agency functions such as monitoring, compliance, and enforcement, permitting, outreach and other essential activities. Support key programs such as, but not limited to, Targeted Airshed Grants, the Diesel Emissions Reduction Act, Subvention Funds from Clean Air Act Section 103/105, Energy Efficiency & Renewable Energy grants, and other programs including emergencies such as wildfires.

Federal Support -- Clean Air Act, NAAQS and State Implementation Plan (SIP)

Work to ensure the federal government does its fair share to reduce air pollution with the South Coast region by providing funding and administrative support. Support policies, legislation and/or administrative efforts to:

- Provide federal incentive funding, policies, and require regulatory actions sufficient to, in combination with state and local actions, attain the national ambient air quality standards for ozone by 2023 and 2031 in the South Coast Air Basin, and if standards are not attained due to lack of federal actions, provide that the Basin is not punished by sanctions, fees or other penalty for failure to timely attain;
- Provide and protect state and local regulatory authority adequate for nonattainment areas to attain NAAQS for upcoming federal deadlines, and in particular, the South Coast AQMD to implement Air Quality Management Plans (AQMP) and attain federal ozone and particulate matter standards; and,
- Protect science-driven and health-based determinations of NAAQS, and efforts to streamline and provide flexible implementation of SIP requirements, as needed, to ensure feasibility of attainment.

Technology Advancement

Expand funding opportunities, policies and federal tax incentives for advanced clean technology research, development, demonstration, and deployment programs, including those related to:

- Clean vehicles (such as heavy-, medium-, and light-duty vehicles, locomotives, marine vessels, and aircraft technologies);
- Zero and near-zero emission technologies;
- Clean fuels and refueling/recharging technologies and infrastructure;
- Technologies, systems and/or processes which reduce ambient concentrations of air pollutants and/or toxic air emissions;
- Establishing programs or policies that incentivize the federal government to purchase and use advanced clean, zero and near-zero emission technologies;
- Incentivizing individuals, businesses, states, and local governments to purchase and use advanced clean, zero and near-zero emission technologies; and,
- Renewable energy and alternative energy, energy storage and microgrids and other programs, especially as related to electric and hydrogen infrastructure for transportation and emissions reductions from sources such as back-up generators.

Surface Transportation & Goods Movement

Pursue the adoption of legislation and/or policies which will reduce or eliminate air quality impacts from mobile sources with an emphasis on the goods movement sector (for both medium-duty and heavy-duty vehicles), as well as off-road vehicles (such as agricultural vehicles, cargo handling equipment, freight handling equipment, and construction equipment).

Marine Vessels

Pursue legislative and/or administrative policies that will further reduce marine vessel emissions and will ensure, through regulatory and/or incentive-based policies that the cleanest vessels come to U.S. ports.

Locomotives

Pursue efforts to reduce locomotive emissions, through regulatory and/or incentive-based policies.

Reduction of Toxic Emissions

Pursue efforts through legislative and administrative programs, to reduce toxic emissions, and the public's exposure to toxic emissions, within the South Coast region.

Environmental Justice

Support legislation which promotes environmental justice initiatives that will reduce localized health risks, develop clean air technologies that directly benefit disproportionately impacted communities, and enhance community participation in decision-making.

COVID-19 and Economic Stimulus

Seek legislative and administrative relief to assist with the impacts of COVID-19 including, but not limited to, unplanned expenses and loss of revenues. Pursue funding for economic stimulus efforts to assist South Coast AQMD meet NAAQS and to promote green technologies that mitigate and/or reduce air pollution and create jobs.

Climate Change

Seek to influence climate change initiatives and facilitate their implementation at local levels, including funding, to promote co-benefits with NAAQS and air toxics reduction, consistent with the Board's policy.

Business/Jobs

Support legislation, policies or administrative actions that support and assist the regulated community to comply with rules and regulations in the most efficient and cost-effective manner that protects and encourages job retention and creation, and promotes economic growth, while working toward attainment of clean air standards.

The 2022 legislative priorities for South Coast AQMD will be further refined and presented to the Board's Legislative Committee and the full Board for approval later in the year, as determined by the course of events in 2021.

SECTION II: CONTACT PERSON:

Questions regarding the content or intent of this RFP or on procedural matters should be addressed to:

Ricardo A. Rivera, Legislative, Public Affairs & Media
 South Coast AQMD
 21865 Copley Drive
 Diamond Bar, CA 91765-4178
 (909) 396-3069

SECTION III: SCHEDULE OF EVENTS

Date	Event
September 3, 2021	RFP Released
October 5, 2021	Proposals Due to South Coast AQMD - No Later Than 1:00 pm
October 5-October 12, 2021	Proposal Evaluations
November 12, 2021	Interviews, if required
December 3, 2021	Governing Board Approval
December 10, 2021	Anticipated Contract Execution

SECTION IV: PARTICIPATION IN THE PROCUREMENT PROCESS

It is the policy of South Coast AQMD to ensure that all businesses including minority business enterprises, women business enterprises, disabled veteran business enterprises and small businesses have a fair and equitable opportunity to compete for and participate in South Coast AQMD contracts. Attachment A to this RFP contains definitions and further information.

SECTION V: STATEMENT OF WORK/SCHEDULE OF DELIVERABLES

Statement of Work

Under the direction of the South Coast AQMD Executive Officer or Deputy Executive Officer of Legislative & Public Affairs, and, as appropriate, in coordination with South Coast AQMD's staff, the Consultant(s) will gather information, provide advice and assistance, and/or advocate positions on legislative/regulatory matters in Washington, D.C., on behalf of South Coast AQMD as it directly pertains to air quality-related issues, energy and climate issues, transportation issues, the federal Clean Air Act, and related issues.

The selected Consultant(s) will perform services on legislative/regulatory matters, including but not necessarily limited to the following:

1. Preparation of a strategic plan for the upcoming legislative year by no later than January 31, 2022, to ensure maximizing South Coast AQMD Board and staff participation and involvement, with an emphasis on increasing federal air quality program funding for the South Coast Air Basin; protecting the legal authorities of South Coast AQMD; promoting South Coast AQMD federal policy priorities, and reducing emissions from federally-controlled mobile sources;
2. Securing the support of South Coast AQMD's mission and positions by the decision-makers in the legislative and administrative bodies of the United States government;
3. Advising South Coast AQMD on federal issues as requested or as deemed necessary;
4. Advocating positions as directed by South Coast AQMD, on all identified and/or drafted legislation and administrative and other policy proposals; providing testimony at committee and other special hearings; and providing written communications to legislators, key administrative officials, and other staff regarding such legislation;
5. Assisting in the development of South Coast AQMD positions on identified air quality-related federal legislative proposals;
6. Producing materials destined for strategic distribution or inclusion in South Coast AQMD legislative committee/Board proceedings;
7. Reviewing and providing editorial and technical revisions and quality control for legislative materials destined for distribution or inclusion in South Coast AQMD legislative committee/Board proceedings;
8. Aiding South Coast AQMD in making appropriate contact(s) as the Agency participates directly in federal legislative negotiations, including securing additional federal funds for South Coast AQMD's clean air programs and activities;
9. Advising/assisting South Coast AQMD in presentation of requests to U.S. EPA or other federal agencies on policy matters impacting South Coast AQMD operations or its ability to meet the federal clean air standards;
10. Coordination of meetings for South Coast AQMD Board members and their executive or legislative staff with federal legislators and/or officials, as well as gathering proper briefing materials for each meeting;
11. Attending and participating in meetings exclusively on behalf of South Coast AQMD with legislative representatives and administration members and appointees;
12. Assisting with the development of a national stakeholder network and/or coalition to help facilitate national support for South Coast AQMD policy and funding priorities; and
13. Assisting with coordination, as needed, with any South Coast AQMD conferences, forums, symposia, meetings and/or briefings that are held in Washington, D.C. or otherwise related to federal issues.

Schedule of Deliverables

1. A written strategic and tactical implementation plan for 2022;

2. Written and/or oral communications to South Coast AQMD, in a timely manner, on federal legislation or policy matters having a potential to affect South Coast AQMD objectives;
3. Written analyses on federal legislation having a potential to affect air quality objectives;
4. Oral and/or written reports on federal legislative/policy meetings attended or monitored on behalf of South Coast AQMD;
5. Oral and/or written briefings to the South Coast AQMD Legislative Committee and/or Governing Board on federal legislation or policy, as determined by South Coast AQMD. These briefings may take place in person, by teleconference, or in writing;
6. Oral and/or written recommendations regarding South Coast AQMD positions on, and strategies for, federal air quality-related legislation or policies within 14 days of a request by South Coast AQMD;
7. Oral and/or written recommendations regarding ways to increase federal appropriations or other funding opportunities for clean air efforts in the Southern California region;
8. Written communications to legislators and key administrative officials conveying South Coast AQMD positions on various bills and administrative actions;
9. Preparing and presenting testimony before Congressional committees and/or federal agency hearings;
10. Attending and participating in meetings exclusively on behalf of South Coast AQMD with legislative representatives and administration members and appointees;
11. Negotiating bill language, policies or other federal agency provisions related to environmental, transportation or air quality issues;
12. A monthly written briefing covering pertinent administrative/legislative activities;
13. Written quarterly reports, a year-end report, and a year-end presentation delineating and summarizing relevant administrative and legislative actions;
14. An original signed confidentiality agreement; and
15. Maintaining records from which the correctness of all written records and filings can be verified. These records are to be open to inspection by South Coast AQMD or its representatives during normal business hours.

SECTION VI: REQUIRED QUALIFICATIONS

A. Persons or firms proposing to bid on this proposal must be qualified and experienced in representing and advising governmental agencies and must submit qualifications demonstrating this ability in cases involving as many as possible of the following areas:

1. Political and legislative analysis of the federal Clean Air Act;

2. Preparing policy positions on environmental and air quality issues;
3. Legislative monitoring and bill tracking;
4. Congressional appropriations process;
5. Preparing and presenting testimony before Congressional committees and/or federal agency hearings;
6. Negotiating bill language, policies or other federal agency provisions related to environmental, transportation, energy or air quality issues;
7. Ability to work proactively and productively with all political affiliations and points of view; and
8. Demonstrated ability in successfully seeking and securing funding for represented clients.

B. Proposer must submit the following:

1. Resumes or similar statement of qualifications of person or persons who may be designated as lead Consultant for South Coast AQMD projects.
2. List of representative clients.
3. Summary of proposer's general qualifications to meet required qualifications and fulfill statement of work, including additional Firm personnel and resources beyond those of the designated lead Consultant.

SECTION VII: PROPOSAL SUBMITTAL REQUIREMENTS

Submitted proposals must follow the format outlined below and all requested information must be supplied. Failure to submit proposals in the required format will result in elimination from proposal evaluation. South Coast AQMD may modify the RFP or issue supplementary information or guidelines during the proposal preparation period prior to the due date. Please check our website for updates (<http://www.aqmd.gov/grants-bids>). The cost for developing the proposal is the responsibility of the Contractor, and shall not be chargeable to South Coast AQMD.

Each proposal must be submitted in three separate volumes:

- Volume I - Technical Proposal
- Volume II - Cost Proposal
- Volume III - Certifications and Representations included in Attachment B to this RFP, must be completed and executed by an authorized official of the Contractor.

A separate cover letter including the name, address, and telephone number of the contractor, and signed by the person or persons authorized to represent the Firm should accompany the proposal submission. Firm contact information as follows should also be included in the cover letter:

1. Address and telephone number of office in, or nearest to, Diamond Bar, California.
2. Name and title of Firm's representative designated as contact.

A separate Table of Contents should be provided for Volumes I and II.

VOLUME I - TECHNICAL PROPOSAL

DO NOT INCLUDE ANY COST INFORMATION IN THE TECHNICAL VOLUME

Summary (Section A) - State overall approach to meeting the objectives and satisfying the scope of work to be performed, the sequence of activities, and a description of methodology or techniques to be used.

Program Schedule (Section B) - Provide projected milestones or benchmarks for completing the project (to include reports) within the total time allowed.

Project Organization (Section C) - Describe the proposed management structure, program monitoring procedures, and organization of the proposed team. Provide a statement detailing your approach to the project, specifically address the Firm's ability and willingness to commit and maintain staffing to successfully complete the project on the proposed schedule.

Qualifications (Section D) - Describe the technical capabilities of the Firm. Provide references of other similar studies or projects performed during the last five years demonstrating ability to successfully complete the work. Include contact name, title, and telephone number for any references listed. Provide a statement of your Firm's background and related experience in performing similar services for other governmental organizations.

Assigned Personnel (Section E) - Provide the following information about the staff to be assigned to this project:

1. List all key personnel assigned to the project by level, name and location. Provide a resume or similar statement describing the background, qualifications and experience of the lead person and all persons assigned to the project. Substitution of project manager or lead personnel will not be permitted without prior written approval of South Coast AQMD.
2. Provide a spreadsheet of the labor hours proposed for each labor category at the task level.
3. Provide a statement indicating whether or not 90% of the work will be performed within the geographical boundaries of South Coast AQMD.
4. Provide a statement of education and training programs provided to, or required of, the staff identified for participation in the project, particularly with reference to management consulting, governmental practices and procedures, and technical matters.
5. Provide a summary of your Firm's general qualifications to meet required qualifications and fulfill statement of work, including additional Firm personnel and resources beyond those who may be assigned to the project.

Subcontractors (Section F) - This project may require expertise in multiple technical areas. List any subcontractors that will be used, identifying functions to be performed by them, their related

qualifications and experience and the total number of hours or percentage of time they will spend on the project.

Conflict of Interest (Section G) - Address possible conflicts of interest with other clients affected by actions performed by the Firm on behalf of South Coast AQMD. South Coast AQMD recognizes that prospective Contractors may be performing similar projects for other clients. Include a complete list of such clients for the past three (3) years with the type of work performed and the total number of years performing such tasks for each client. Although the Proposer will not be automatically disqualified by reason of work performed for such clients, South Coast AQMD reserves the right to consider the nature and extent of such work in evaluating the proposal.

Additional Data (Section H) - Provide other essential data that may assist in the evaluation of this proposal.

VOLUME II - COST PROPOSAL

Name and Address - The Cost Proposal must list the name and complete address of the Proposer in the upper left-hand corner.

Cost Proposal – South Coast AQMD anticipates awarding a fixed price contract. Cost information must be provided as listed below:

1. Detail must be provided by the following categories:
 - A. Labor – The Cost Proposal must list the fully-burdened hourly rates and the total number of hours estimated for each level of professional and administrative staff to be used to perform the tasks required by this RFP. Costs should be estimated for each of the components of the work plan.
 - B. Subcontractor Costs - List subcontractor costs and identify subcontractors by name. Itemize subcontractor charges per hour or per day.
 - C. Travel Costs - Indicate amount of travel cost and basis of estimate to include trip destination, purpose of trip, length of trip, airline fare or mileage expense, per diem costs, lodging and car rental.
 - D. Other Direct Costs -This category may include such items as postage and mailing expense, printing and reproduction costs, etc. Provide a basis of estimate for these costs.
2. It is the policy of the South Coast AQMD to receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services. South Coast AQMD will give preference, where appropriate, to vendors who certify that they will provide “most favored customer” status to the South Coast AQMD. To receive preference points, Proposer shall certify that South Coast AQMD is receiving “most favored customer” pricing in the Business Status Certifications page of Volume III, Attachment B – Certifications and Representations.

VOLUME III - CERTIFICATIONS AND REPRESENTATIONS (see Attachment B to this RFP)

SECTION VIII: PROPOSAL SUBMISSION

All proposals must be submitted according to specifications set forth in the section above, and this section. Failure to adhere to these specifications may be cause for rejection of the proposal.

Signature - All proposals must be signed by an authorized representative of the Proposer.

Due Date - All proposals are due no later than 1:00 p.m., October 5, 2021, and should be directed to:

Procurement Unit
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178
(909) 396-3520

Submittal - Submit eight (8) complete copies of the proposal in a sealed envelope, plainly marked in the upper left-hand corner with the name and address of the Proposer and the words "Request for Proposals P2022-01."

Late bids/proposals will not be accepted under any circumstances.

Grounds for Rejection - A proposal may be immediately rejected if:

- It is not prepared in the format described, or
- It is signed by an individual not authorized to represent the Firm.

Modification or Withdrawal - Once submitted, proposals cannot be altered without the prior written consent of South Coast AQMD. All proposals shall constitute firm offers and may not be withdrawn for a period of ninety (90) days following the last day to accept proposals.

SECTION IX: PROPOSAL EVALUATION/CONTRACTOR SELECTION CRITERIA

- A. Proposals will be evaluated by a panel of three to five South Coast AQMD staff members familiar with the subject matter of the project. The panel shall be appointed by the Executive Officer or his designee. In addition, the evaluation panel may include such outside public sector or academic community expertise as deemed desirable by the Executive Officer. The panel will make a recommendation to the Executive Officer and/or the Governing Board of South Coast AQMD for final selection of a contractor and negotiation of a contract.
- B. Each member of the evaluation panel shall be accorded equal weight in his or her rating of proposals. The evaluation panel members shall evaluate the proposals according to the specified criteria and numerical weightings set forth below.

1. Proposal Evaluation Criteria

(a) R&D Projects Requiring Technical or Scientific

Expertise, or Special Projects Requiring Unique Knowledge or Abilities

Understanding the Problem

20

Technical/Management Approach	20
Contractor Qualifications	20
Previous Experience on Similar Projects	10
Cost	<u>30</u>
TOTAL	100

(b) Additional Points

Small Business or Small Business Joint Venture	10
DVBE or DVBE Joint Venture	10
Use of DVBE or Small Business Subcontractors	7
Zero or Near-Zero Emission Vehicle Business	5
Local Business (Non-Federally Funded Projects Only)	5
Off-Peak Hours Delivery Business	2
Most Favored Customer	2

The cumulative points awarded for small business, DVBE, use of small business or DVBE subcontractors, Zero or Near-Zero emission vehicle business, local business, and off-peak hours delivery business shall not exceed 15 points. Most Favored Customer status incentive points shall be added, as applicable for a total of 17 points.

Self-Certification for Additional Points

The award of these additional points shall be contingent upon Proposer completing the Self-Certification section of Attachment B – Certifications and Representations and/or inclusion of a statement in the proposal self-certifying that Proposer qualifies for additional points as detailed above.

2. To receive additional points in the evaluation process for the categories of Small Business or Small Business Joint Venture, DVBE or DVBE Joint Venture or Local Business (for non-federally funded projects), the proposer must submit a self-certification at the time of proposal submission certifying that the proposer meets the requirements set forth in Attachments A and B. To receive points for the use of DVBE and/or Small Business subcontractors, at least 25 percent of the total contract value must be subcontracted to DVBEs and/or Small Businesses. To receive points as a Zero or Near-Zero Emission Vehicle Business, the proposer must demonstrate to the Executive Officer, or designee, that supplies and materials delivered to South Coast AQMD are delivered in vehicles that operate on clean-fuels. To receive points as a Local Business, the proposer must affirm that it has an ongoing business within the South Coast AQMD at the time of bid/proposal submittal and that 90% of the work related to the contract will be performed within the South Coast AQMD. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points. Federally funded projects are not eligible for local business incentive points. To receive points as an Off-Peak

Hours Delivery Business, the proposer must submit, at proposal submission, certification of its commitment to delivering supplies and materials to South Coast AQMD between the hours of 10:00 a.m. and 3:00 p.m. To receive points for Most Favored Customer status, the proposer must submit, at proposal submission, certification of its commitment to provide most favored customer status to the South Coast AQMD. The cumulative points awarded for Small Business, DVBE, use of Small Business or DVBE Subcontractors, Local Business, Zero or Near-Zero Emission Vehicle Business, Off-Peak Hour Delivery Business and Most Favored Customer shall not exceed 17 points.

3. For procurement of Research and Development (R & D) projects or projects requiring technical or scientific expertise or special projects requiring unique knowledge and abilities, technical factors including past experience shall be weighted at 70 points and cost shall be weighted at 30 points. A proposal must receive at least 56 out of 70 points on R & D projects and projects requiring technical or scientific expertise or special projects requiring unique knowledge and abilities, in order to be deemed qualified for award.
 4. The lowest cost proposal will be awarded the maximum cost points available and all other cost proposals will receive points on a prorated basis. For example if the lowest cost proposal is \$1,000 and the maximum points available are 30 points, this proposal would receive the full 30 points. If the next lowest cost proposal is \$1,100 it would receive 27 points reflecting the fact that it is 10% higher than the lowest cost (90% of 30 points = 27 points).
- C. During the selection process the evaluation panel may wish to interview some proposers for clarification purposes only. No new material will be permitted at this time. Additional information provided during the bid review process is limited to clarification by the Proposer of information presented in his/her proposal, upon request by South Coast AQMD.
- D. The Executive Officer or Governing Board may award the contract to a Proposer other than the Proposer receiving the highest rating in the event the Governing Board determines that another Proposer from among those technically qualified would provide the best value to South Coast AQMD considering cost and technical factors. The determination shall be based solely on the Evaluation Criteria contained in the Request for Proposal (RFP), on evidence provided in the proposal and on any other evidence provided during the bid review process.
- E. Selection will be made based on the above-described criteria and rating factors. The selection will be made by and is subject to Executive Officer or Governing Board approval. Proposers may be notified of the results by letter.
- F. The Governing Board has approved a Bid Protest Procedure which provides a process for a Bidder or prospective Bidder to submit a written protest to South Coast AQMD Procurement Manager in recognition of two types of protests: Protest Regarding Solicitation and Protest Regarding Award of a Contract. Copies of the Bid Protest Policy can be secured through a request to South Coast AQMD Procurement Department.
- G. The Executive Officer or Governing Board may award contracts to more than one proposer if in (his or their) sole judgment the purposes of the (contract or award) would best be served by selecting multiple proposers.

- H. If additional funds become available, the Executive Officer or Governing Board may increase the amount awarded. The Executive Officer or Governing Board may also select additional proposers for a grant or contract if additional funds become available.
- I. Disposition of Proposals – Pursuant to South Coast AQMD’s Procurement Policy and Procedure, South Coast AQMD reserves the right to reject any or all proposals. All proposals become the property of South Coast AQMD, and are subject to the California Public Records Act. One copy of the proposal shall be retained for South Coast AQMD files. Additional copies and materials will be returned only if requested and at the proposer's expense.
- J. If proposal submittal is for a Public Works project as defined by State of California Labor Code Section 1720, Proposer is required to include Contractor Registration No. in Attachment B. Proposal submittal will be deemed as non-responsive and Bidder may be disqualified if Contractor Registration No. is not included in Attachment B. Proposer is alerted to changes to California Prevailing Wage compliance requirements as defined in Senate Bill 854 (Stat. 2014, Chapter 28), and California Labor Code Sections 1770, 1771, 1725, 1777, 1813 and 1815.**

SECTION X: FUNDING

The total funding for the work contemplated by this RFP will be a maximum **\$440,000** for the base year with an option to renew the contract for two additional one-year terms. The funding for the base year is available in the Legislative & Public Affairs FY 2021-22 budget. Funding for the two optional one-year extensions is contingent upon performance and Board approval of the budget for the respective fiscal years.

SECTION XI: SAMPLE CONTRACT

A sample contract to carry out the work described in this RFP is available on South Coast AQMD’s website at <http://www.aqmd.gov/grants-bids> or upon request from the RFP Contact Person (Section II).

ATTACHMENT A

PARTICIPATION IN THE PROCUREMENT PROCESS

A. It is the policy of South Coast Air Quality Management District (South Coast AQMD) to ensure that all businesses including minority business enterprises, women business enterprises, disabled veteran business enterprises and small businesses have a fair and equitable opportunity to compete for and participate in South Coast AQMD contracts.

B. Definitions:

The definition of minority, women or disadvantaged business enterprises set forth below is included for purposes of determining compliance with the affirmative steps requirement described in Paragraph G below on procurements funded in whole or in part with federal grant funds which involve the use of subcontractors. The definition provided for disabled veteran business enterprise, local business, small business enterprise, Zero or Near-Zero emission vehicle business and off-peak hours delivery business are provided for purposes of determining eligibility for point or cost considerations in the evaluation process.

1. "Women business enterprise" (WBE) as used in this policy means a business enterprise that meets all of the following criteria:
 - a. a business that is at least 51 percent owned by one or more women, or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more women.
 - b. a business whose management and daily business operations are controlled by one or more women.
 - c. a business which is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign-based business.
2. "Disabled veteran" as used in this policy is a United States military, naval, or air service veteran with at least 10 percent service-connected disability who is a resident of California.
3. "Disabled veteran business enterprise" (DVBE) as used in this policy means a business enterprise that meets all of the following criteria:
 - a. is a sole proprietorship or partnership of which at least 51 percent is owned by one or more disabled veterans or, in the case of a publicly owned business, at least 51 percent of its stock is owned by one or more disabled veterans; a subsidiary which is wholly owned by a parent corporation but only if at least 51 percent of the voting stock of the parent corporation is owned by one or more disabled veterans; or a joint venture in which at least 51 percent of the joint

- venture's management and control and earnings are held by one or more disabled veterans.
- b. the management and control of the daily business operations are by one or more disabled veterans. The disabled veterans who exercise management and control are not required to be the same disabled veterans as the owners of the business.
 - c. is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, firm, or other foreign-based business.
4. "Local business" as used in this policy means a company that has an ongoing business within geographical boundaries of South Coast AQMD at the time of bid or proposal submittal and performs 90% of the work related to the contract within the geographical boundaries of South Coast AQMD and satisfies the requirements of subparagraph H below. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points.
 5. "Small business" as used in this policy means a business that meets the following criteria:
 - a. 1) an independently owned and operated business; 2) not dominant in its field of operation; 3) together with affiliates is either:
 - A service, construction, or non-manufacturer with 100 or fewer employees, and average annual gross receipts of ten million dollars (\$10,000,000) or less over the previous three years, or
 - A manufacturer with 100 or fewer employees.
 - b. Manufacturer means a business that is both of the following:
 - 1) Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.
 - 2) Classified between Codes 311000 and 339000, inclusive, of the North American Industrial Classification System (NAICS) Manual published by the United States Office of Management and Budget, 2007 edition.
 6. "Joint ventures" as defined in this policy pertaining to certification means that one party to the joint venture is a DVBE or small business and owns at least 51 percent of the joint venture.
 7. "Zero or Near-Zero Emission Vehicle Business" as used in this policy means a company or contractor that uses Zero or Near-Zero emission vehicles in conducting deliveries to South Coast AQMD. Zero or Near-Zero emission vehicles

include vehicles powered by electric, compressed natural gas (CNG), liquefied natural gas (LNG), liquefied petroleum gas (LPG), ethanol, methanol and hydrogen and are certified to 90% or lower of the existing standard.

8. "Off-Peak Hours Delivery Business" as used in this policy means a company or contractor that commits to conducting deliveries to South Coast AQMD during off-peak traffic hours defined as between 10:00 a.m. and 3:00 p.m.
9. "Benefits Incentive Business" as used in this policy means a company or contractor that provides janitorial, security guard or landscaping services to South Coast AQMD and commits to providing employee health benefits (as defined below in Section VIII.D.2.d) for full time workers with affordable deductible and co-payment terms.
10. "Minority Business Enterprise" as used in this policy means a business that is at least 51 percent owned by one or more minority person(s), or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more or minority persons.
 - a. a business whose management and daily business operations are controlled by one or more minority persons.
 - b. a business which is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign-based business.
 - c. "Minority person" for purposes of this policy, means a Black American, Hispanic American, Native-American (including American Indian, Eskimo, Aleut, and Native Hawaiian), Asian-Indian (including a person whose origins are from India, Pakistan, and Bangladesh), Asian-Pacific-American (including a person whose origins are from Japan, China, the Philippines, Vietnam, Korea, Samoa, Guam, the United States Trust Territories of the Pacific, Northern Marianas, Laos, Cambodia, and Taiwan).
11. "Most Favored Customer" as used in this policy means that the South Coast AQMD will receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services.
12. "Disadvantaged Business Enterprise" as used in this policy means a business that is an entity owned and/or controlled by a socially and economically disadvantaged individual(s) as described by Title X of the Clean Air Act Amendments of 1990 (42 U.S.C. 7601 note) (10% statute), and Public Law 102-389 (42 U.S.C. 4370d)(8% statute), respectively;
 - a Small Business Enterprise (SBE);
 - a Small Business in a Rural Area (SBRA);
 - a Labor Surplus Area Firm (LSAF); or

a Historically Underutilized Business (HUB) Zone Small Business Concern, or a concern under a successor program.

- C. Under Request for Quotations (RFQ), DVBEs, DVBE business joint ventures, small businesses, and small business joint ventures shall be granted a preference in an amount equal to 5% of the lowest cost responsive bid. Zero or Near-Zero Emission Vehicle Businesses shall be granted a preference in an amount equal to 5 percent of the lowest cost responsive bid. Off-Peak Hours Delivery Businesses shall be granted a preference in an amount equal to 2 percent of the lowest cost responsive bid. Local businesses (if the procurement is not funded in whole or in part by federal grant funds) shall be granted a preference in an amount equal to 2% of the lowest cost responsive bid. Businesses offering Most Favored Customer status shall be granted a preference in an amount equal to 2 percent of the lowest cost responsive bid.
- D. Under Request for Proposals, DVBEs, DVBE joint ventures, small businesses, and small business joint ventures shall be awarded ten (10) points in the evaluation process. A non-DVBE or large business shall receive seven (7) points for subcontracting at least twenty-five (25%) of the total contract value to a DVBE and/or small business. Zero or Near-Zero Emission Vehicle Businesses shall be awarded five (5) points in the evaluation process. On procurements which are not funded in whole or in part by federal grant funds local businesses shall receive five (5) points. Off-Peak Hours Delivery Businesses shall be awarded two (2) points in the evaluation process. Businesses offering Most Favored Customer status shall be awarded two (2) points in the evaluation process.
- E. South Coast AQMD will ensure that discrimination in the award and performance of contracts does not occur on the basis of race, color, sex, national origin, marital status, sexual preference, creed, ancestry, medical condition, or retaliation for having filed a discrimination complaint in the performance of South Coast AQMD contractual obligations.
- F. South Coast AQMD requires Contractor to be in compliance with all state and federal laws and regulations with respect to its employees throughout the term of any awarded contract, including state minimum wage laws and OSHA requirements.
- G. When contracts are funded in whole or in part by federal funds, and if subcontracts are to be let, the Contractor must comply with the following, evidencing a good faith effort to solicit disadvantaged businesses. Contractor shall submit a certification signed by an authorized official affirming its status as a MBE or WBE, as applicable, at the time of contract execution. South Coast AQMD reserves the right to request documentation demonstrating compliance with the following good faith efforts prior to contract execution.
 - 1. Ensure Disadvantaged Business Enterprises (DBEs) are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.
 - 2. Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates

participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.

3. Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and Local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.
 4. Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.
 5. Using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.
 6. If the prime contractor awards subcontracts, require the prime contractor to take the above steps.
- H. To the extent that any conflict exists between this policy and any requirements imposed by federal and state law relating to participation in a contract by a certified MBE/WBE/DVBE as a condition of receipt of federal or state funds, the federal or state requirements shall prevail.
- I. When contracts are not funded in whole or in part by federal grant funds, a local business preference will be awarded. For such contracts that involve the purchase of commercial off-the-shelf products, local business preference will be given to suppliers or distributors of commercial off-the-shelf products who maintain an ongoing business within the geographical boundaries of South Coast AQMD. However, if the subject matter of the RFP or RFQ calls for the fabrication or manufacture of custom products, only companies performing 90% of the manufacturing or fabrication effort within the geographical boundaries of South Coast AQMD shall be entitled to the local business preference. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points.
- J. In compliance with federal fair share requirements set forth in 40 CFR Part 33, South Coast AQMD shall establish a fair share goal annually for expenditures with federal funds covered by its procurement policy.



South Coast Air Quality Management District

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

Business Information Request

Dear South Coast AQMD Contractor/Supplier:

South Coast Air Quality Management District (South Coast AQMD) is committed to ensuring that our contractor/supplier records are current and accurate. If your firm is selected for award of a purchase order or contract, it is imperative that the information requested herein be supplied in a timely manner to facilitate payment of invoices. In order to process your payments, we need the enclosed information regarding your account. **Please review and complete the information identified on the following pages, remember to sign all documents for our files, and return them as soon as possible to the address below:**

**Attention: Accounts Payable, Accounting Department
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178**

If you do not return this information, we will not be able to establish you as a vendor. This will delay any payments and would still necessitate your submittal of the enclosed information to our Accounting department before payment could be initiated. Completion of this document and enclosed forms would ensure that your payments are processed timely and accurately.

If you have any questions or need assistance in completing this information, please contact Accounting at (909) 396-3777. We appreciate your cooperation in completing this necessary information.

Sincerely,

Sujata Jain
Chief Financial Officer

DH;jn

Enclosures: Business Information Request
Disadvantaged Business Certification
W-9
Form 590 Withholding Exemption Certificate
Federal Contract Debarment Certification
Campaign Contributions Disclosure
Direct Deposit Authorization



South Coast Air Quality Management District

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

BUSINESS INFORMATION REQUEST

Business Name	
Division of	
Subsidiary of	
Website Address	
Type of Business <i>Check One:</i>	<input type="checkbox"/> Individual <input type="checkbox"/> DBA, Name _____, County Filed in _____ <input type="checkbox"/> Corporation, ID No. _____ <input type="checkbox"/> LLC/LLP, ID No. _____ <input type="checkbox"/> Other _____

REMITTING ADDRESS INFORMATION

Address			
City/Town			
State/Province		Zip	
Phone	() - Ext	Fax	() -
Contact		Title	
E-mail Address			
Payment Name if Different			

All invoices must reference the corresponding Purchase Order Number(s)/Contract Number(s) if applicable and mailed to:

**Attention: Accounts Payable, Accounting Department
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178**

BUSINESS STATUS CERTIFICATIONS

Federal guidance for utilization of disadvantaged business enterprises allows a vendor to be deemed a small business enterprise (SBE), minority business enterprise (MBE) or women business enterprise (WBE) if it meets the criteria below.

- is certified by the Small Business Administration or
- is certified by a state or federal agency or
- is an independent MBE(s) or WBE(s) business concern which is at least 51 percent owned and controlled by minority group member(s) who are citizens of the United States.

Statements of certification:

As a prime contractor to South Coast AQMD, _____ (name of business) will engage in good faith efforts to achieve the fair share in accordance with 40 CFR Section 33.301, and will follow the six affirmative steps listed below **for contracts or purchase orders funded in whole or in part by federal grants and contracts.**

1. Place qualified SBEs, MBEs, and WBEs on solicitation lists.
2. Assure that SBEs, MBEs, and WBEs are solicited whenever possible.
3. When economically feasible, divide total requirements into small tasks or quantities to permit greater participation by SBEs, MBEs, and WBEs.
4. Establish delivery schedules, if possible, to encourage participation by SBEs, MBEs, and WBEs.
5. Use services of Small Business Administration, Minority Business Development Agency of the Department of Commerce, and/or any agency authorized as a clearinghouse for SBEs, MBEs, and WBEs.
6. If subcontracts are to be let, take the above affirmative steps.

Self-Certification Verification: Also for use in awarding additional points, as applicable, in accordance with South Coast AQMD Procurement Policy and Procedure:

Check all that apply:

- | | |
|---|--|
| <input type="checkbox"/> Small Business Enterprise/Small Business Joint Venture | <input type="checkbox"/> Women-owned Business Enterprise |
| <input type="checkbox"/> Local business | <input type="checkbox"/> Disabled Veteran-owned Business Enterprise/DVBE Joint Venture |
| <input type="checkbox"/> Minority-owned Business Enterprise | <input type="checkbox"/> Most Favored Customer Pricing Certification |

Percent of ownership: _____%

Name of Qualifying Owner(s): _____

State of California Public Works Contractor Registration No. _____ . MUST BE INCLUDED IF BID PROPOSAL IS FOR PUBLIC WORKS PROJECT.

I, the undersigned, hereby declare that to the best of my knowledge the above information is accurate. Upon penalty of perjury, I certify information submitted is factual.

NAME

TITLE

TELEPHONE NUMBER

DATE

Definitions

Disabled Veteran-Owned Business Enterprise means a business that meets all of the following criteria:

- is a sole proprietorship or partnership of which is at least 51 percent owned by one or more disabled veterans, or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more disabled veterans; a subsidiary which is wholly owned by a parent corporation but only if at least 51 percent of the voting stock of the parent corporation is owned by one or more disabled veterans; or a joint venture in which at least 51 percent of the joint venture's management and control and earnings are held by one or more disabled veterans.
- the management and control of the daily business operations are by one or more disabled veterans. The disabled veterans who exercise management and control are not required to be the same disabled veterans as the owners of the business.
- is a sole proprietorship, corporation, partnership, or joint venture with its primary headquarters office located in the United States and which is not a branch or subsidiary of a foreign corporation, firm, or other foreign-based business.

Joint Venture means that one party to the joint venture is a DVBE and owns at least 51 percent of the joint venture. In the case of a joint venture formed for a single project this means that DVBE will receive at least 51 percent of the project dollars.

Local Business means a business that meets all of the following criteria:

- has an ongoing business within the boundary of South Coast AQMD at the time of bid application.
- performs 90 percent of the work within South Coast AQMD's jurisdiction.

Minority-Owned Business Enterprise means a business that meets all of the following criteria:

- is at least 51 percent owned by one or more minority persons or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more minority persons.
- is a business whose management and daily business operations are controlled or owned by one or more minority person.
- is a business which is a sole proprietorship, corporation, partnership, joint venture, an association, or a cooperative with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign business.

“Minority” person means a Black American, Hispanic American, Native American (including American Indian, Eskimo, Aleut, and Native Hawaiian), Asian-Indian American (including a person whose origins are from India, Pakistan, or Bangladesh), Asian-Pacific American (including a person whose origins are from Japan, China, the Philippines, Vietnam, Korea, Samoa, Guam, the United States Trust Territories of the Pacific, Northern Marianas, Laos, Cambodia, or Taiwan).

Small Business Enterprise means a business that meets the following criteria:

- a. 1) an independently owned and operated business; 2) not dominant in its field of operation; 3) together with affiliates is either:
 - A service, construction, or non-manufacturer with 100 or fewer employees, and average annual gross receipts of ten million dollars (\$10,000,000) or less over the previous three years, or
 - A manufacturer with 100 or fewer employees.
- b. Manufacturer means a business that is both of the following:
 - 1) Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.
 - 2) Classified between Codes 311000 to 339000, inclusive, of the North American Industrial Classification System (NAICS) Manual published by the United States Office of Management and Budget, 2007 edition.

Small Business Joint Venture means that one party to the joint venture is a Small Business and owns at least 51 percent of the joint venture. In the case of a joint venture formed for a single project this means that the Small Business will receive at least 51 percent of the project dollars.

Women-Owned Business Enterprise means a business that meets all of the following criteria:

- is at least 51 percent owned by one or more women or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more women.
- is a business whose management and daily business operations are controlled or owned by one or more women.
- is a business which is a sole proprietorship, corporation, partnership, or a joint venture, with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign business.

Most Favored Customer as used in this policy means that the South Coast AQMD will receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services.

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	<p>1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.</p> <p>2 Business name/disregarded entity name, if different from above</p> <p>3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.</p> <p><input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____</p> <p>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</p> <p><input type="checkbox"/> Other (see instructions) ▶ _____</p>	<p>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) _____</p> <p>Exemption from FATCA reporting code (if any) _____</p> <p><small>(Applies to accounts maintained outside the U.S.)</small></p>
	<p>5 Address (number, street, and apt. or suite no.) See instructions.</p> <p>6 City, state, and ZIP code</p> <p>7 List account number(s) here (optional)</p>	<p>Requester's name and address (optional)</p>

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number					
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Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶	Date ▶
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What Is backup withholding, later.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the instructions for Part II for details),
3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships*, earlier.

What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. Individual. Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. Sole proprietor or single-member LLC. Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. Partnership, LLC that is not a single-member LLC, C corporation, or S corporation. Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. Other entities. Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. Disregarded entity. For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual • Sole proprietorship, or • Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single-member LLC
• LLC treated as a partnership for U.S. federal tax purposes, • LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or • LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• Partnership	Partnership
• Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its Instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

- A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)
- B—The United States or any of its agencies or instrumentalities
- C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)
- E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)
- F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state
- G—A real estate investment trust
- H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940
- I—A common trust fund as defined in section 584(a)
- J—A bank as defined in section 581
- K—A broker
- L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/Businesses and clicking on Employer Identification Number (EIN) under Starting a Business. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLÉ accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor ⁴
For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee

For this type of account:	Give name and EIN of:
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

***Note:** The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes.

Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Visit www.irs.gov/IdentityTheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

TAXABLE YEAR

CALIFORNIA FORM

2021 Withholding Exemption Certificate

590

The payee completes this form and submits it to the withholding agent. The withholding agent keeps this form with their records.

Withholding Agent Information

Name

Payee Information

Name

SSN or ITIN FEIN CA Corp no. CA SOS file no.

Address (apt./ste., room, PO box, or PMB no.)

City (If you have a foreign address, see instructions.)

State ZIP code

Exemption Reason

Check only one box.

By checking the appropriate box below, the payee certifies the reason for the exemption from the California income tax withholding requirements on payment(s) made to the entity or individual.

Individuals — Certification of Residency:

I am a resident of California and I reside at the address shown above. If I become a nonresident at any time, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

Corporations:

The corporation has a permanent place of business in California at the address shown above or is qualified through the California Secretary of State (SOS) to do business in California. The corporation will file a California tax return. If this corporation ceases to have a permanent place of business in California or ceases to do any of the above, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

Partnerships or Limited Liability Companies (LLCs):

The partnership or LLC has a permanent place of business in California at the address shown above or is registered with the California SOS, and is subject to the laws of California. The partnership or LLC will file a California tax return. If the partnership or LLC ceases to do any of the above, I will promptly inform the withholding agent. For withholding purposes, a limited liability partnership (LLP) is treated like any other partnership.

Tax-Exempt Entities:

The entity is exempt from tax under California Revenue and Taxation Code (R&TC) Section 23701 (insert letter) or Internal Revenue Code Section 501(c) (insert number). If this entity ceases to be exempt from tax, I will promptly notify the withholding agent. Individuals cannot be tax-exempt entities.

Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pension/Profit-Sharing Plans:

The entity is an insurance company, IRA, or a federally qualified pension or profit-sharing plan.

California Trusts:

At least one trustee and one noncontingent beneficiary of the above-named trust is a California resident. The trust will file a California fiduciary tax return. If the trustee or noncontingent beneficiary becomes a nonresident at any time, I will promptly notify the withholding agent.

Estates — Certification of Residency of Deceased Person:

I am the executor of the above-named person's estate or trust. The decedent was a California resident at the time of death. The estate will file a California fiduciary tax return.

Nonmilitary Spouse of a Military Servicemember:

I am a nonmilitary spouse of a military servicemember and I meet the Military Spouse Residency Relief Act (MSRRA) requirements. See instructions for General Information E, MSRRA.

CERTIFICATE OF PAYEE: Payee must complete and sign below.

To learn about your privacy rights, how we may use your information, and the consequences for not providing the requested information, go to ftb.ca.gov/forms and search for **1131**. To request this notice by mail, call 800.852.5711.

Under penalties of perjury, I declare that I have examined the information on this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. I further declare under penalties of perjury that if the facts upon which this form are based change, I will promptly notify the withholding agent.

Type or print payee's name and title _____ Telephone _____

Payee's signature ► _____ Date _____

2021 Instructions for Form 590

Withholding Exemption Certificate

References in these instructions are to the California Revenue and Taxation Code (R&TC).

General Information

California Revenue and Taxation Code (R&TC) Section 18662 requires withholding of income or franchise tax on payments of California source income made to nonresidents of California. For more information, See General Information B, Income Subject to Withholding.

Registered Domestic Partners (RDPs) – For purposes of California income tax, references to a spouse, husband, or wife also refer to a California RDP unless otherwise specified. For more information on RDPs, get FTB Pub. 737, Tax Information for Registered Domestic Partners.

A Purpose

Use Form 590, Withholding Exemption Certificate, to certify an exemption from nonresident withholding.

Form 590 does not apply to payments of backup withholding. For more information, go to ftb.ca.gov and search for **backup withholding**.

Form 590 does not apply to payments for wages to employees. Wage withholding is administered by the California Employment Development Department (EDD). For more information, go to edd.ca.gov or call 888.745.3886.

Do not use Form 590 to certify an exemption from withholding if you are a **seller of California real estate**. Sellers of California real estate use Form 593, Real Estate Withholding Statement, to claim an exemption from the real estate withholding requirement.

The following are excluded from withholding and completing this form:

- The United States and any of its agencies or instrumentalities.
- A state, a possession of the United States, the District of Columbia, or any of its political subdivisions or instrumentalities.
- A foreign government or any of its political subdivisions, agencies, or instrumentalities.

B Income Subject to Withholding

Withholding is required on the following, but is not limited to:

- Payments to nonresidents for services rendered in California.
- Distributions of California source income made to domestic nonresident partners, members, and S corporation shareholders and allocations of California source income made to foreign partners and members.
- Payments to nonresidents for rents if the payments are made in the course of the withholding agent's business.
- Payments to nonresidents for royalties from activities sourced to California.

- Distributions of California source income to nonresident beneficiaries from an estate or trust.
- Endorsement payments received for services performed in California.
- Prizes and winnings received by nonresidents for contests in California.

However, withholding is optional if the total payments of California source income are \$1,500 or less during the calendar year.

For more information on withholding, get FTB Pub. 1017, Resident and Nonresident Withholding Guidelines. To get a withholding publication, see Additional Information.

C Who Certifies this Form

Form 590 is certified (completed and signed) by the payee. California residents or entities exempt from the withholding requirement should complete Form 590 and submit it to the withholding agent before payment is made. The withholding agent is then relieved of the withholding requirements if the agent relies in good faith on a completed and signed Form 590 unless notified by the Franchise Tax Board (FTB) that the form should not be relied upon.

An incomplete certificate is invalid and the withholding agent should not accept it. If the withholding agent receives an incomplete certificate, the withholding agent is required to withhold tax on payments made to the payee until a valid certificate is received. In lieu of a completed exemption certificate, the withholding agent may accept a letter from the payee as a substitute explaining why they are not subject to withholding. The letter must contain all the information required on the certificate in similar language, including the under penalty of perjury statement and the payee's taxpayer identification number (TIN).

The certification does not need to be renewed annually. The certification on Form 590 remains valid until the payee's status changes. The withholding agent must retain a copy of the certification or substitute for at least five years after the last payment to which the certification applies. The agent must provide it to the FTB upon request.

If an entertainer (or the entertainer's business entity) is paid for a performance, the entertainer's information must be provided. **Do not** submit the entertainer's agent or promoter information.

The grantor of a grantor trust shall be treated as the payee for withholding purposes. Therefore, if the payee is a grantor trust and one or more of the grantors is a nonresident, withholding is required. If all of the grantors on the trust are residents, no withholding is required. Resident grantors can check the box on Form 590 labeled "Individuals — Certification of Residency."

D Definitions

For California nonwage withholding purposes:

- **Nonresident** includes all of the following:
 - Individuals who are not residents of California.
 - Corporations not qualified through the California Secretary of State (CA SOS) to do business in California or having no permanent place of business in California.
 - Partnerships or limited liability companies (LLCs) with no permanent place of business in California.
 - Any trust without a resident grantor, beneficiary, or trustee, or estates where the decedent was not a California resident.
- **Foreign** refers to non-U.S.

For more information about determining resident status, get FTB Pub. 1031, Guidelines for Determining Resident Status. Military servicemembers have special rules for residency. For more information see General Information E, Military Spouse Residency Relief Act (MSRRA), and FTB Pub. 1032, Tax Information for Military Personnel.

Permanent Place of Business:

A corporation has a permanent place of business in California if it is organized and existing under the laws of California or it has qualified through the CA SOS to transact intrastate business. A corporation that has not qualified to transact intrastate business (e.g., a corporation engaged exclusively in interstate commerce) will be considered as having a permanent place of business in California only if it maintains a permanent office in California that is permanently staffed by its employees.

E Military Spouse Residency Relief Act (MSRRA)

Generally, for tax purposes you are considered to maintain your existing residence or domicile. If a military servicemember and nonmilitary spouse have the same state of domicile, the MSRRA provides:

- A spouse shall not be deemed to have lost a residence or domicile in any state solely by reason of being absent to be with the servicemember serving in compliance with military orders.
- A spouse shall not be deemed to have acquired a residence or domicile in any other state solely by reason of being there to be with the servicemember serving in compliance with military orders.

Domicile is defined as the one place:

- Where you maintain a true, fixed, and permanent home.
- To which you intend to return whenever you are absent.

A military servicemember's nonmilitary spouse is considered a nonresident for tax purposes if the servicemember and spouse have the same domicile outside of California and the spouse is in California solely to be with the servicemember who is serving in compliance with Permanent Change of Station orders.

California may require nonmilitary spouses of military servicemembers to provide proof that they meet the criteria for California personal income tax exemption as set forth in the MSRRA.

Income of a military servicemember's nonmilitary spouse for services performed in California is not California source income subject to state tax if the spouse is in California to be with the servicemember serving in compliance with military orders, and the servicemember and spouse have the same domicile in a state other than California.

For additional information or assistance in determining whether the applicant meets the MSRRA requirements, get FTB Pub. 1032.

Specific Instructions

Payee Instructions

Enter the withholding agent's name.

Enter the payee's information, including the TIN and check the appropriate TIN box.

You must provide a valid TIN as requested on this form. The following are acceptable TINs: social security number (SSN); individual taxpayer identification number (ITIN); federal employer identification number (FEIN); California corporation number (CA Corp no.); or CA SOS file number.

Private Mail Box (PMB) – Include the PMB in the address field. Write "PMB" first, then the box number. Example: 111 Main Street PMB 123.

Foreign Address – Follow the country's practice for entering the city, county, province, state, country, and postal code, as applicable, in the appropriate boxes. Do not abbreviate the country name.

Exemption Reason – Check the box that reflects the reason why the payee is exempt from the California income tax withholding requirement.

Withholding Agent Instructions

Do not send this form to the FTB. The certification on Form 590 remains valid until the payee's status changes. The withholding agent must retain a copy of the certificate or substitute for at least five years after the last payment to which the certificate applies. The agent must provide it to the FTB upon request.

The payee must notify the withholding agent if any of the following situations occur:

- The individual payee becomes a nonresident.
- The corporation ceases to have a permanent place of business in California or ceases to be qualified to do business in California.
- The partnership ceases to have a permanent place of business in California.
- The LLC ceases to have a permanent place of business in California.
- The tax-exempt entity loses its tax-exempt status.

If any of these situations occur, then withholding may be required. For more information, get Form 592, Resident and Nonresident Withholding Statement, Form 592-B, Resident and Nonresident Withholding Tax Statement, [Form 592-PTE](#), Pass-Through Entity Annual Withholding Return, Form 592-Q, Payment Voucher for Pass-Through Entity Withholding, and Form 592-V, Payment Voucher for Resident or Nonresident Withholding.

Additional Information

Website: For more information, go to ftb.ca.gov and search for **nonwage**.

MyFTB offers secure online tax account information and services. For more information, go to ftb.ca.gov and login or register for **MyFTB**.

Telephone: 888.792.4900 or 916.845.4900, Withholding Services and Compliance phone service

Fax: 916.845.9512

Mail: WITHHOLDING SERVICES AND COMPLIANCE MS F182
FRANCHISE TAX BOARD
PO BOX 942867
SACRAMENTO CA 94267-0651

For questions unrelated to withholding, or to download, view, and print California tax forms and publications, or to access the TTY/TDD numbers, see the Internet and Telephone Assistance section.

Internet and Telephone Assistance

Website: ftb.ca.gov

Telephone: 800.852.5711 from within the United States
916.845.6500 from outside the United States

TTY/TDD: 800.822.6268 for persons with hearing or speech disability
711 or 800.735.2929 California relay service

Asistencia Por Internet y Teléfono

Sitio web: ftb.ca.gov

Teléfono: 800.852.5711 dentro de los Estados Unidos
916.845.6500 fuera de los Estados Unidos

TTY/TDD: 800.822.6268 para personas con discapacidades auditivas o del habla
711 ó 800.735.2929 servicio de relevo de California

Certification Regarding Debarment, Suspension, and Other Responsibility Matters

The prospective participant certifies to the best of its knowledge and belief that it and the principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them or commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction: violation of Federal or State antitrust statute or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and
- (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

Typed Name & Title of Authorized Representative

Signature of Authorized Representative Date

I am unable to certify to the above statements. My explanation is attached.



CAMPAIGN CONTRIBUTIONS DISCLOSURE

In accordance with California law, bidders and contracting parties are required to disclose, at the time the application is filed, information relating to any campaign contributions made to South Coast Air Quality Management District (South Coast AQMD) Board Members or members/alternates of the MSRC, including: the name of the party making the contribution (which includes any parent, subsidiary or otherwise related business entity, as defined below), the amount of the contribution, and the date the contribution was made. 2 C.C.R. §18438.8(b).

California law prohibits a party, or an agent, from making campaign contributions to South Coast AQMD Governing Board Members or members/alternates of the Mobile Source Air Pollution Reduction Review Committee (MSRC) of more than \$250 while their contract or permit is pending before South Coast AQMD; and further prohibits a campaign contribution from being made for three (3) months following the date of the final decision by the Governing Board or the MSRC on a donor’s contract or permit. Gov’t Code §84308(d). For purposes of reaching the \$250 limit, the campaign contributions of the bidder or contractor plus contributions by its parents, affiliates, and related companies of the contractor or bidder are added together. 2 C.C.R. §18438.5.

In addition, South Coast AQMD Board Members or members/alternates of the MSRC must abstain from voting on a contract or permit if they have received a campaign contribution from a party or participant to the proceeding, or agent, totaling more than \$250 in the 12-month period prior to the consideration of the item by the Governing Board or the MSRC. Gov’t Code §84308(c).

The list of current South Coast AQMD Governing Board Members can be found at South Coast AQMD website (www.aqmd.gov). The list of current MSRC members/alternates can be found at the MSRC website (<http://www.cleantransportationfunding.org>).

SECTION I.

Contractor (Legal Name): _____

DBA, Name _____, County Filed in _____

Corporation, ID No. _____

LLC/LLP, ID No. _____

List any parent, subsidiaries, or otherwise affiliated business entities of Contractor:
(See definition below).

SECTION II.

Has Contractor and/or any parent, subsidiary, or affiliated company, or agent thereof, made a campaign contribution(s) totaling \$250 or more in the aggregate to a current member of the South Coast Air Quality Management Governing Board or member/alternate of the MSRC in the 12 months preceding the date of execution of this disclosure?

Yes No **If YES, complete Section II below and then sign and date the form. If NO, sign and date below. Include this form with your submittal.**

Campaign Contributions Disclosure, continued:

Name of Contributor _____

_____	_____	_____
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution

Name of Contributor _____

_____	_____	_____
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution

Name of Contributor _____

_____	_____	_____
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution

Name of Contributor _____

_____	_____	_____
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution

I declare the foregoing disclosures to be true and correct.

By: _____

Title: _____

Date: _____

DEFINITIONS

Parent, Subsidiary, or Otherwise Related Business Entity (2 Cal. Code of Regs., §18703.1(d).)

(1) Parent subsidiary. A parent subsidiary relationship exists when one corporation directly or indirectly owns shares possessing more than 50 percent of the voting power of another corporation.

(2) Otherwise related business entity. Business entities, including corporations, partnerships, joint ventures and any other organizations and enterprises operated for profit, which do not have a parent subsidiary relationship are otherwise related if any one of the following three tests is met:

- (A) One business entity has a controlling ownership interest in the other business entity.
- (B) There is shared management and control between the entities. In determining whether there is shared management and control, consideration should be given to the following factors:
 - (i) The same person or substantially the same person owns and manages the two entities;
 - (ii) There are common or commingled funds or assets;
 - (iii) The business entities share the use of the same offices or employees, or otherwise share activities, resources or personnel on a regular basis;
 - (iv) There is otherwise a regular and close working relationship between the entities; or
- (C) A controlling owner (50% or greater interest as a shareholder or as a general partner) in one entity also is a controlling owner in the other entity.



South Coast Air Quality Management District

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

Direct Deposit Authorization

STEP 1: Please check all the appropriate boxes

- | | |
|--|--|
| <input type="checkbox"/> Individual (Employee, Governing Board Member) | <input type="checkbox"/> New Request |
| <input type="checkbox"/> Vendor/Contractor | <input type="checkbox"/> Cancel Direct Deposit |
| <input type="checkbox"/> Changed Information | |

STEP 2: Payee Information

Last Name		First Name		Middle Initial	Title
Vendor/Contractor Business Name (if applicable)					
Address				Apartment or P.O. Box Number	
City			State	Zip	Country
Taxpayer ID Number		Telephone Number			Email Address

Authorization

- I authorize South Coast Air Quality Management District (South Coast AQMD) to direct deposit funds to my account in the financial institution as indicated below. I understand that the authorization may be rejected or discontinued by South Coast AQMD at any time. If any of the above information changes, I will promptly complete a new authorization agreement. If the direct deposit is not stopped before closing an account, funds payable to me will be returned to South Coast AQMD for distribution. This will delay my payment.
- This authorization remains in effect until South Coast AQMD receives written notification of changes or cancellation from you.
- I hereby release and hold harmless South Coast AQMD for any claims or liability to pay for any losses or costs related to insufficient fund transactions that result from failure within the Automated Clearing House network to correctly and timely deposit monies into my account.

STEP 3:

You must verify that your bank is a member of an Automated Clearing House (ACH). Failure to do so could delay the processing of your payment. You must attach a voided check or have your bank complete the bank information and the account holder must sign below.

To be Completed by your Bank

Staple Voided Check Here	Name of Bank/Institution				
	Account Holder Name(s)				
	<input type="checkbox"/> Saving <input type="checkbox"/> Checking		Account Number	Routing Number	
	Bank Representative Printed Name		Bank Representative Signature		Date
	ACCOUNT HOLDER SIGNATURE:				Date

For South Coast AQMD Use Only

Input By _____

Date _____

Sean M. Neal
Duncan, Weinberg, Genzer &
Pembroke, P.C.
915 L Street, Suite 1410
Sacramento, CA 95814

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ORIGIN ID:BLUR (000) 000-0000
DUNCAN, WEINBERG, GENZER & PEH
SUE NW STE 700
1867 K ST NW STE NW
WASHINGTON, DC 20006
UNITED STATES US

TO DEAN HUGHBANKS
SOUTH COAST AQMD PROCUREMENT MANGER
21865 COPLEY DRIVE

DIAMOND BAR CA 91765

(000) 000-0000
UNIT
P01

REF:

DEPT:

SHIP DATE: 15 NOV 21
ACTWT: 11.16 LB
CRD: 699-499-5502220
DIM3: 13x11x11 IN
BILL THIRD PARTY

Part # 156297-435

FedEx
Express



TUE - 16 NOV 4:30P
STANDARD OVERNIGHT

TRK# 2861 5930 0699
0201

92 POC-A

91765



TRACK ANOTHER SHIPMENT

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Delivered
Tuesday, 11/16/2021 at 9:39 am



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Signed for by: N.TEJADA

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FROM
WASHINGTON, DC US

TO
Diamond Bar, CA US

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Travel History

TIME ZONE
Local Scan Time



Tuesday, November 16,
2021

9:39 AM	Diamond Bar, CA	Delivered
8:48 AM	CITY OF INDUSTRY, CA	On FedEx vehicle for delivery
7:44 AM	CITY OF INDUSTRY, CA	At local FedEx facility
2:48 AM	LOS ANGELES, CA	At destination sort facility
1:44 AM	OAKLAND, CA	Departed FedEx hub

Monday, November 15,
2021

10:44 PM	OAKLAND, CA	Arrived at FedEx hub
8:56 PM	SACRAMENTO, CA	Left FedEx origin facility
5:02 PM	SACRAMENTO, CA	Picked up

5:10 PM

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3:10 PM

SACRAMENTO, CA

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Shipment Facts

TRACKING NUMBER

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SERVICE

FedEx Standard Overnight

WEIGHT

1 lbs / 0.45 kgs

DIMENSIONS

13x11x13 in.

DELIVERED TO

Mailroom

TOTAL PIECES

1

TOTAL SHIPMENT WEIGHT

1 lbs / 0.45 kgs

TERMS

Third Party

PACKAGING

Your Packaging

SPECIAL HANDLING SECTION

Deliver Weekday

SHIP DATE

11/15/21 

STANDARD TRANSIT

11/16/21 before 4:30 pm 

ACTUAL DELIVERY

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DWGP
DUNCAN WEINBERG GENZER PEMBROKE

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EDWARD WEINBERG (1918-1995)
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THOMAS L. RUDEBUSCH
MICHAEL R. POSTAR
ELI D. EILBOTT*
LISA S. GAST
PETER J. SCANLON
DEREK A. DYSON
BHAVEETA K. MODY
KRISTEN CONNOLLY McCULLOUGH
ELLEN L. HILL

1667 K STREET, NW, SUITE 700
WASHINGTON, DC 20006
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SUITE 1410, 915 L STREET
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SEAN M. NEAL
LAUREN M. PERKINS
SYLWIA DAKOWICZ**

Senior Counsel
ROBERT A. LAURIE**

Of Counsel

DONALD H. CLARKE
PETER C. KISSEL**
JAMES D. PEMBROKE
ROBERT WEINBERG

October 4, 2021

Via Overnight Mail

*REGISTERED TO PRACTICE BEFORE
U.S. PATENT AND TRADEMARK OFFICE

** NOT ADMITTED IN D. C.; SUPERVISION
BY PRINCIPALS OF THE FIRM, MEMBERS
OF THE DC BAR

Procurement Unit
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765 – 4178

Re: RFP No. 2022-01
Legislative Representation in Washington, D.C.

Dear Mr. Rivera and the Procurement Unit of SCAQMD:

Enclosed please find the response of Duncan, Weinberg, Genzer & Pembroke, P.C. ("DWGP" or "Firm") in response to the South Coast Air Quality Management District's ("SCAQMD") Requests for Proposals for Federal Legislative Representation in Washington, D.C. This submittal consists of eight (8) complete copies, one of which is an original.

DWGP is a professional corporation, established over fifty years ago in the District of Columbia. Our principal office is in Washington, D.C., and we also operate an office in Sacramento, California. From this vantage point, we offer a unique perspective to SCAQMD with our presence in both capitals. DWGP is highly qualified and stands ready to provide representation and support to fulfill the legislative goals of the SCAQMD at the federal level. DWGP is pleased to be partnering in this proposal with Mr. Clinton Britt of the Grove Climate Group, LLC. Mr. Britt has fifteen years of highly relevant experience on Capitol Hill and recent experience in coalition building involving climate change response.

The principal contact for DWGP to the SCAQMD will be Mr. Jeff Genzer. His address is 1667 K Street, Suite 700, Washington DC 20006 (this address is our DC headquarters office). His telephone number is 202-467-6370, cell number is 202-714-9724, fax number is 202-467-

6379, and e-mail is jcg@dwgp.com. Mr. Sean Neal is a shareholder of the Firm and is authorized to sign this proposal. His address, and the office closest to Diamond Bar, California, is 915 L Street, Suite 1410, Sacramento, CA, telephone number 916-498-0121, fax 916-498-9975, and e-mail smn@dwgp.com.

In Volume I and Volume II of our submittal, we provide our Technical and Cost Proposals, respectively. In Volume III, we submit all applicable certifications and representations. In the event that we enter into a representation agreement, the Firm will comply with all further certifications and forms that may be applicable, such as the Direct Deposit Authorization and Withholding Exemption Certificate form in the Attachments to the RFP No. P2022-01.

Sincerely,

A handwritten signature in blue ink, appearing to read "Sean M. Neal", written in a cursive style.

Sean M. Neal

VOLUME I – TECHNICAL PROPOSAL

Request for Proposal No. P2022-01

Legislative Representation
In Washington, D.C.

Response of

Duncan, Weinberg, Genzer & Pembroke, P.C.

1667 K Street, N.W., Suite 700
Washington, DC 20006

and

915 L Street, Suite 1410
Sacramento, CA 95814

Contact Person: Jeffrey C. Genzer

Tel.: 202-467-6370

Cell: 202-714-9724

Fax: 202-467-6379

jcg@dwgp.com

October 4, 2021

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SECTION A – Summary

Duncan, Weinberg, Genzer & Pembroke, P.C. (“DWGP” or “Firm”) is a professional corporation, established over fifty years ago in the District of Columbia. Our principal office is in Washington, D.C., and we also operate an office in Sacramento, California. From this vantage point, we offer a unique perspective to the South Coast Air Quality Management District (“SCAQMD”) with our presence in both capitals. DWGP is pleased to submit this proposal in response to RFP No. P2022-01. DWGP is highly qualified and stands ready to provide representation and support to fulfill the legislative goals of the SCAQMD at the federal level. We will be partnering in this effort with Clinton Britt of the Grove Climate Group, LLC. Mr. Britt has 15 years of highly relevant experience on Capitol Hill and recent experience in coalition building involving climate change response.

DWGP’s advocacy and experience on behalf of municipalities, governmental associations, and joint action agencies uniquely qualifies us to serve as the Federal Legislative Representative for the SCAQMD. Our advocacy on behalf of SCAQMD will effectively and comprehensively engage with Congressional and Agency representatives to communicate the SCAQMD’s policy positions and funding needs. DWGP will seek out Federal funding opportunities not only within the Congressional authorization and appropriations process but also through grants, and demonstration and deployment activities by relevant Executive departments. DWGP and Grove Climate Group will track major legislative policy discussions to provide opportunities for the SCAQMD to share its expertise and experience in testimony at Congressional hearings. We will track the relevant regulatory venues to ensure that the SCAQMD’s views are known to policymakers during policy deliberations or formal rulemakings. The Firm and Grove Climate Group will propose for the SCAQMD’s consideration possible coalitions and other joint efforts with allied entities to advance a common position before either the Congress or Executive branch departments. In all our public policy advocacy efforts the Firm seeks to build strategic relationships in which all parties are able to meet common objectives.

The change in administration at the Federal level brings new potential for funding opportunities and infrastructure development, and DWGP’s experience in obtaining grants for clients through the American Recovery and Reinvestment Act (“ARRA”), the Coronavirus Aid, Relief, and Economic Security (“CARES Act”), and the American Rescue Plan Act of 2021 can be leveraged for the SCAQMD.

On behalf of the Firm’s trade association clients (mostly state and local governmental entities), we have helped facilitate effective coalitions and joint efforts principally during the Federal appropriations process to support budget requests for funds to states and local governments. This work involves appropriations in the Federal budget for energy and environmental efforts by states and local governments. The Firm, on behalf of these clients, has fostered shared strategies by state and local government energy and environmental agencies for the purpose of seeking funds and support from the U.S. Department of Energy (“DOE”) and the U.S. Environmental Protection Agency (“EPA”) to utilize states and local governments for innovative programs. This work has included

both traditional grant-funding processes in the departments but also creation of local initiatives to bring to the attention of the relevant Federal agency. Our work for state and local governments in the energy and environment fields will be readily transferable to the areas of concern to SCAQMD. On behalf of the National Association of State Energy Officials ("NASEO"), the Firm has obtained dedicated funds for state energy offices to utilize for energy efficiency, sustainable environmental policies and renewable energy development.

The Firm also regularly represents its various local government clients on air quality-related matters and routinely negotiates with EPA representatives on compliance issues. The Firm represents its local government clients in various EPA and state environmental agency rulemakings and stakeholder events. This representation includes experience with state air boards in California. For example, the Firm has advocated before the California Air Resources Board ("CARB") as to the Cap-and-Trade regulation. The Firm has helped clients work with air board staff on enforcement queries. Just this year, Firm attorneys assisted an industrial client work with Staff of the San Joaquin Valley Air Pollution Control District to obtain a variance to maintain operations and jobs, while developing a plan to make timely repairs to the facility.

On behalf of many of its clients, DWGP has been engaged in the Federal efforts to reduce and regulate carbon and other air pollutant emissions. With its headquarters in Washington D.C., the Firm has, over the decades, helped shape the conversation on various EPA rulemakings affecting generation sources and innovative solutions. DWGP has worked on various iterations of EPA rulemakings with regard to standards of performance of electric generating units and other industrial or commercial boiler units, regulated under the Clean Air Act ("CAA"). DWGP has worked with clients in dealing with EPA rulemakings, including EPA's Clean Air Interstate Rule, Clean Air Mercury Rule, the Cross-State Air Pollution ("CSAPR") Rule, the Regional Haze Rule, the Mercury and Air Toxics Standards ("MATS") Rule, Utility New Source Performance Standards Rule, the Carbon Performance Standards for New Sources Rule, and most recently the Carbon Performance Standards for Existing Sources Rule.

DWGP also has extensive experience with numerous public interest groups and coalitions, both governmental and non-governmental. DWGP has the experience and knowledge to ensure that the views of SCAQMD are known to and considered by these organizations. The Firm has experience in coalition building on behalf of its clients among local and state government and public interest groups. In particular, the Firm emphasizes coalition building to increase the impact of lobbying and legislative monitoring efforts by budget-constrained public entities.

Through coalition efforts on behalf of many clients, the Firm and Clinton Britt have developed strategic relationships with national trade associations and organizations representing state and local interests, including NASEO, the National Governors Association ("NGA"), Western Governors Association, National Conference of State Legislatures ("NCSL"), National Energy Assistance Directors' Association (Firm client), National Association of State Community Service Programs, National League of Cities

("NLC"), U.S. Conference of Mayors, National Association of Counties ("NACO") and other governmental associations. The Firm has worked closely with the National Association of Clean Air Agencies ("NACAA") and its predecessor, STAPPA/ALAPCO. We also have relationships with municipal organizations. We work closely with NRDC, EDF, WRI, RFF, ACEEE, Alliance to Save Energy, National Association of Energy Service Companies ("NAESCO") (Firm client), the Navajo Tribal Utility Authority ("NTUA") (Firm client), Sierra Club, RMI, Georgetown Climate Center, the Nicholas Institute for Environmental Policy Solutions at Duke University, Orsted, ITC Holdings, and others.

The Firm and Clinton Britt have relationships with key leadership offices and decisionmakers in the United States House of Representatives and the United States Senate, along with Congressional members and staff on the Appropriations, Finance, Energy, Environment, Science, Budget, Judiciary and Commerce committees of the Congress. Additionally, the Firm and Clinton Britt have networks that reach the highest levels of both policy and political personnel in the Administration, including at DOE, EPA, the Federal Energy Regulatory Commission ("FERC"), Council on Environmental Quality, the White House, and others.

The Environment and Climate Change subcommittee on the House Committee on Energy and Commerce has jurisdiction over the Clean Air Act, all matters related to soil, air, and water contamination, including Superfund and the Resource Conservation and Recovery Act ("RCRA"), toxic substances, EPA, environmental justice, and more. Most of SCAQMD's priorities, legislatively speaking, will have to pass through this subcommittee. As Chief of Staff to the Chairman of the subcommittee, Congressman Paul Tonko, Mr. Britt is uniquely positioned to understand and advocate for SCAQMD's priorities before committee members and staff.

The Firm has had long-standing business relationships with many California entities in the electricity sector, some spanning over three decades. These entities include the Cities of Alameda, Lodi, Palo Alto, Redding, Santa Clara (doing business as Silicon Valley Power), Ukiah, and Vernon, the Imperial Irrigation District, Modesto Irrigation District, The Metropolitan Water District of Southern California/State Water Contractors, the Lassen Municipal Utility District, the M-S-R Public Power Agency and the Transmission Agency of Northern California. The Firm also works with a group of engineering and economic firms to provide consulting services to the Los Angeles Department of Water and Power. Additionally, the Firm represents several community choice aggregators, including Marin Clean Energy, Peninsula Clean Energy, and Silicon Valley Clean Energy. The Firm's commitment to support its California-based clients is reflected in the establishment of its California office in Sacramento, which began operations in September 2004.

The Firm also offers strategic counsel on energy-related matters that require interpretation or that might evolve through legislation over time. Such strategic advice at times involves legislative activity to help shape federal energy policy. For example, the Firm, on behalf of multiple clients, was involved in the development of the State Energy Efficiency Programs Improvement Act of 1990, the Energy Policy Act of 1992, the Energy Policy Act

of 2005, and the Energy Independence and Security Act of 2007 (EISA 2007), the present debates on the bipartisan infrastructure package (HR 3684) and the reconciliation package, as well as Congressional appropriations, annually, for governmental clients. Our work on these Acts involved energy efficiency, renewable energy, energy service performance contracting provisions, low-income energy, and transportation (especially electric vehicles). These efforts included authorization and reauthorization language, tax provisions (renewable energy and energy efficiency tax credits), and energy policy sections. During the deliberations leading up to the enactment of the Energy Policy Act of 2005, DWGP's Jeff Genzer co-chaired the ad hoc coalition of state and local governments convened in the Hall of the States, representing their interests before Congress and the Administration. The Firm has worked on general energy policy and climate change legislation for clients seeking to reduce energy consumption and greenhouse gas emissions.

DWGP also assisted NASEO in interpreting rules and petitioning various federal agencies for clarifications on ARRA-related requirements such as the Davis-Bacon Act, Buy-American clauses, Historic Preservation Act and National Environmental Policy Act ("NEPA") requirements. For example, DWGP successfully negotiated with federal agencies on behalf of its client NASEO in developing a streamlined and uniform ARRA standard under NEPA to ensure that each state energy office could efficiently and fairly administer ARRA funding to various state subdivisions quickly. DWGP negotiated a guidance document with the DOE that logically sets forth the applicability of levels of environmental review according to certain project criteria that, as a practical matter, ministerial activities by states or their subdivisions were categorically excluded from environmental review, while activities with a true potential to significantly affect the environment retained more stringent environmental review requirements. DWGP's involvement ensured an efficient, consistent review and approval of ARRA funding across states and political subdivisions, which greatly aided the distribution and utilization of ARRA funds.

The Project Team Lead, Jeff Genzer, who also serves as General Counsel to the NASEO, has extensive expertise and years of experience in convincing elected officials to provide funds for energy efficiency, conservation activities, and renewable energy development as needed investments for states and local government clients. These efforts have been undertaken during the volatile cycles of world energy prices. The Firm has helped these clients make the case for investments in these activities as critical to the national, state, and local infrastructure. Mr. Genzer has shown how Federal dollars can be leveraged with state and local dollars to demonstrate significant returns for the Federal investment. The Firm has a history of assisting revenue-constrained smaller government entities to access needed Federal investments. In addition to Mr. Genzer, the rest of the DWGP members of the Project Team will be DWGP Shareholders Mr. Eli Eilbott and Mr. Sean Neal, and DWGP Associates Ms. Lauren Perkins and Ms. Ellen Hill.

In addition, the Project Team will include Mr. Clinton Britt, who has nearly 15 years of public policy experience at the federal and state levels. Mr. Britt is President of Grove Climate Group, LLC, which he founded in January 2021. Immediately prior, Mr. Britt spent 12 years working for Congressman Paul D. Tonko (NY-20), including the past eight

as his Chief of Staff. In that role, Mr. Britt managed policy, communication, constituent services and other operations. In addition, Mr. Britt served as the chief liaison with the Energy and Commerce Committee, and specifically with Chairman Tonko's subcommittee on Environment and Climate Change. He has routinely interfaced with the White House, federal agencies, CEOs, trade groups, nonprofits, and other Congressional Members and staff from both sides of the aisle and the Capitol.

SECTION B - Program Schedule

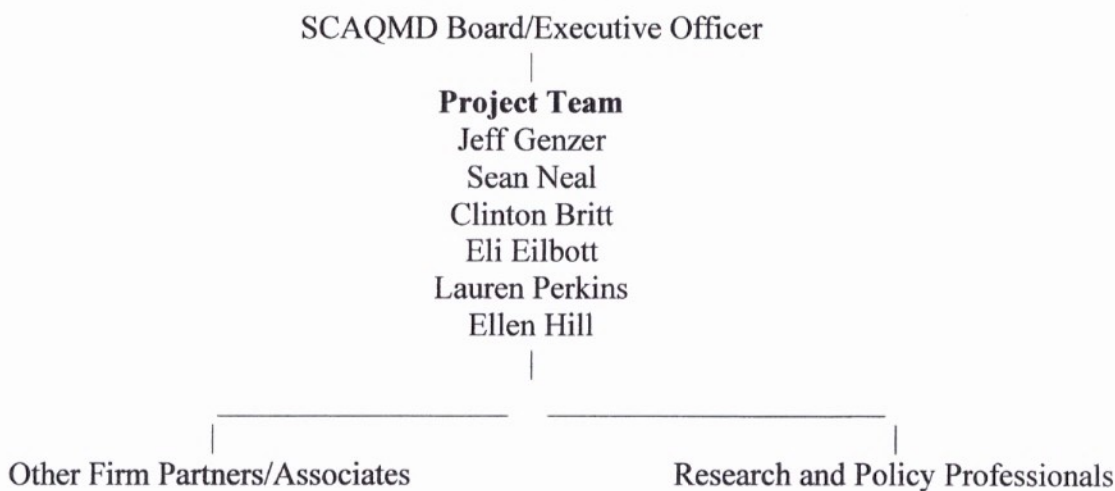
We propose the following schedule as an example of our understanding of the project goals and milestones.

Event	Date
Execute Contract	December 2021
Sign confidentiality agreement	December 2021
Recommendations for increasing federal appropriations and funding opportunities	December 2021 (first report, with periodic updates if new opportunities arise)
Complete strategic and tactical implementation plan for 2022	January 2022
Monthly written briefing covering pertinent activities	Every month (December 2021 – December 2022)
Written quarterly reports on relevant administrative and legislative actions	March 2022 June 2022 September 2022 December 2022
Analysis of federal legislation affecting air quality and SCAQMD objectives	Ongoing 2021-2022
Written report on federal legislative policy meetings attended/monitored	As needed, December 2021 – December 2022
Written briefings to the SCAQMD Legislative Committee and Governing Board on federal legislation or policy	As needed, December 2021 – December 2022
Recommendations regarding SCAQMD positions on and strategies for federal air quality-related legislation or policies	As needed, December 2021 – December 2022
Communications to legislators and key administrative officials conveying SCAQMD positions on various bills and administrative actions	As needed, December 2021 – December 2022
Preparing testimony before Congressional committees and/or federal agency hearings	As needed, 2022
Attend meetings on behalf of SCAQMD with legislative representatives and administration members and appointees	As needed, 2022

Negotiate bill language, policies or other federal agency provisions related to environmental, transportation or air quality issues	As needed, December 2021 – December 2022
Maintain records to be inspected by SCAQMD or its representatives	Ongoing December 2021 – December 2022
Year-end report	December 2022
Year-end presentation	December 2022

SECTION C – Project Organization

Project Management Structure Chart



Jeff Genzer will manage the Project Team for the Firm. Mr. Genzer is a named shareholder and Chairman of the Board of DWGP. Mr. Genzer will be responsible for assigning tasks to the team members. Mr. Genzer will serve as the primary interface with the SCAQMD and will coordinate contact with Capitol Hill and the Federal agencies, with the assistance of the Project Team, and especially Clinton Britt. The Firm’s deep bench underscores its commitment to maintain staff and successfully complete the project on the proposed schedule.

SECTION D – Qualifications

a. Political and Legislative Analysis of the Federal Clean Air Act

On behalf of many of its clients, DWGP has worked on various iterations of EPA rulemakings with regards to standards of performance of electric generating units and other industrial or commercial boiler units, regulated under the CAA. We have advocated for

our clients, most of whom are public power entities, with a sharp focus on accountability to their users. With its headquarters in Washington D.C., the Firm has, over the decades, been witness to and has helped shape the conversation on various EPA rulemakings affecting municipal power plants and power purchases. On behalf of our clients, DWGP's work has involved various EPA rulemakings dealing with performance standards for new and existing sources under the Clean Air Act, including EPA's Clean Air Interstate Rule, Clean Air Mercury Rule, the Cross-State Air Pollution Rule ("CSAPR"), the Regional Haze Rule, the Mercury and Air Toxics Standards ("MATS") Rule, the Utility New Source Performance Standards Rule, the Carbon Performance Standards for New Sources Rule, and most recently for Carbon Performance Standards for Existing Sources Rule ("Clean Power Plan"). DWGP tracks every stage of the rulemaking process for its clients, from the proposed rule to the appellate stage. DWGP provided analysis of the Supreme Court's decision striking down EPA's MATS Rule.

Regarding the Clean Power Plan, DWGP had played an extensive role before and during the proposed rulemaking process. Mr. Jeff Genzer, as General Counsel to the National Association of State Energy Officials ("NASEO"), helped guide a dialogue process between state energy and state and local air officials to develop coordinated strategies to effectively communicate with EPA. Through our representation of NASEO, the Firm successfully encouraged EPA to ensure that any Carbon Performance Standards should sufficiently give the States flexibility in assessing energy modeling, and developing compliance plans, to give States enough time to develop those plans, and to recognize the regional differences in load profile, generation mix and economic capacities. We helped craft arguments to urge giving credit towards compliance for various existing regionally-based programs such as California's market-based program pursuant to the Global Warming Solutions Act and the Northeast's Regional Greenhouse Gas Initiative ("RGGI"). In the Fall of 2013, Mr. Genzer (on behalf of NASEO), helped bring together key representatives of NASEO, the National Association of Regulatory Utility Commissioners ("NARUC") and the NACAA to discuss Section 111(d) issues with EPA and examine areas of common interest. After further consultations, the groups came together to develop a set of principles for inclusion of energy efficiency measures ("outside the fence") as a compliance component for existing power plants. These principles, as well as associated preamble language, were transmitted to EPA and discussed with senior officials, including Gina McCarthy, Janet McCabe, Joe Goffman, Ann Dunham and Julie Rosenberg. Edie Chang, Craig Segall and other officials from CARB were active participants in these discussions. They are all well aware of Mr. Genzer's work. Mr. Genzer is currently developing model compliance plans for states to use in considering how to incorporate energy efficiency.

DWGP assisted NTUA in understanding the Clean Power Plan and associated carbon rules, and in turn, educating EPA through submittal of written comments regarding NTUA's resource mix and needs. Through face-to-face meetings, DWGP helped facilitate communication between NTUA and EPA, as well as among State agencies and a diverse group of entities, including regulators and power plant owners, regarding the carbon mitigation rules.

Our full suite of environmental legal services also includes:

- Counseling on compliance with the CAA, including strategies to comply with National Ambient Air Quality Standards (“NAAQS”), New Source Performance Standards, and National Emissions Standards for Hazardous Air Pollutants (“NESHAPS”);
- Guiding clients through the NEPA process, including the Council on Environmental Quality’s recent guidance directing agencies to take climate change impacts into account during NEPA reviews;
- Advising on hazardous and solid waste management issues under RCRA; and
- Assisting in the permitting process related to wetlands and other Clean Water Act issues.

During 2019 and 2020, Mr. Clinton Britt, President of Grove Climate Group co-lead the process to draft the CLEAN Future Act, which served as the base text for omnibus energy legislation that passed at the end of 2020, as well as reconciliation and infrastructure language in 2021. The legislation aims to reduce emissions in the power, building, transportation, and industrial sectors, while setting a national climate target achieved through state climate plans. Finally, the CLEAN Future Act emphasizes environmental justice and a just transition. This process involved stakeholder input from the business community, non-profits, thought leaders, Members of Congress, staff, and others. Mr. Britt ensured that both policy and political considerations were incorporated, while measuring progress through weekly meetings with committee staff. A fact sheet on the numerous ways in which the bill amends the Clean Air Act can be found at: [https://energycommerce.house.gov/sites/democrats.energycommerce.house.gov/files/documents/CLEAN Future Act Fact Sheet FINAL.pdf](https://energycommerce.house.gov/sites/democrats.energycommerce.house.gov/files/documents/CLEAN_Future_Act_Fact_Sheet_FINAL.pdf).

b. Preparing policy positions on environmental and air quality issues

As described above, the Firm was involved extensively in forming policy positions regarding development of the Clean Power Plan as well as the Global Warming Solutions Act and RGGI. Before CARB, the Firm stated positions on behalf of the Modesto Irrigation District regarding development of regulations supporting the Cap-and-Trade program. The Firm has also participated in working groups at CARB in development of enforcement rules for meeting California’s Renewable Portfolio Standard.

Preparing policy positions on environmental and air quality issues is one step of the process, often involving exemptions, carve-outs, adjustments, clarification, or other policy choices. However, those solutions are not enough on their own. Clearly communicating both the problem and possible solutions are an integral part of any strategy. One such example, in the water space, was a bipartisan law enacted in 2013 called the Community Fire Safety Act. The law exempts fire hydrants from EPA regulation of lead in drinking water that could force municipalities to replace non-compliant hydrants at a large cost to the taxpayer. It recognized that fire hydrants are not regular sources of drinking water. The idea originally was elevated to the congressional level by a local mayor facing the

regulatory hurdle and then presenting a solution. The combination of issue identification and communication of possible solutions lead to a winning, bipartisan result.

c. Legislative monitoring and bill tracking

Through the Firm's representation of the governmental and consumer-owned sectors of the electric industry, DWGP closely monitors Federal and state regulatory and legislative developments. DWGP routinely tracks major Federal and state legislative policy discussions to provide opportunities for our clients to share their expertise and experience in testimony at Congressional hearings. We track the relevant regulatory venues to ensure that our clients' views are known to policymakers during policy deliberations or formal rulemakings. In all our public policy advocacy efforts, the Firm seeks to build strategic relationships in which all parties are able to meet common objectives.

Given our years of experience, we have developed time-tested methods for obtaining, filtering, and analyzing vast amounts of information that is of potential interest to our clients. Employing these methods, we will be able to isolate key information of interest to SCAQMD. We will also be able to provide timely, concise analyses and recommended action for your consideration. Through personal contacts, online and other subscription resources, we are able to keep close watch on daily activity of state and Federal agencies, including the EPA, and the courts. On a daily basis, our attorneys and staff monitor these resources in order to identify and analyze relevant issues.

In addition to scheduled business and tracking methods, perhaps the most important updates come from routine communication with key staff and decision makers on the Hill and in federal agencies. These individuals and relationships are established over a career in Washington, D.C. Members of Congress, administration officials, senior staff, political operatives, and more were often former colleagues, from an office down the hall, or someone who spent hours in committee markups alongside members of the Firm. These relationships are the source of late-night text messages, early morning emails, easy to schedule Zoom calls, or simply a chance encounter in the halls of Congress. Gathering important details and updates on policy, making a subtle point, or pushing back against harmful actions should not be siloed to one particular form of communication or plan, but rather as part of a strategic whole. Legislative tracking and bill monitoring must happen in all the aforementioned ways and more, with a fluidity, flexibility, and adaptability to get the job done no matter the forum. This range of contacts is especially important for Clinton Britt and Jeff Genzer.

d. Congressional appropriations process

Both Jeff Genzer and Clinton Britt have been highly engaged in the Congressional appropriations process, especially the Interior and Environment Appropriations bill (including EPA) and the Energy and Water Development Appropriations bill (including DOE). This work has involved specific funding for the pollution prevention division at EPA and the Energy Star program, as well as energy efficiency and renewable energy programs and the office of Electricity at DOE.

Prior to the start of the Congressional year, DWGP will meet with SCAQMD officials to determine the appropriate requests. In consultation with SCAQMD, DWGP will draft the appropriate requests. In coordination with SCAQMD, DWGP will set up meetings with the appropriate members of the Federal delegation to brief them on the SCAQMD's appropriations requests. It is important that these meetings occur in order for Congressional members to include SCAQMD requests on their "Wish List." This process was renewed and rushed in 2021. Future requests can be anticipated to be equally as rushed, making it important to determine priorities as far in advance as possible.

Additionally, much focus is rightly placed on the relationships individuals have with Appropriations Committee staff. Personal office staff also have an important role to play in the appropriations process. Leveraging existing relationships and networks at both the committee and personal office level enable the strongest level of advocacy. The Firm and Grove Climate Group have a wide and deep network of relationships on both sides of the Capitol to ensure SCAQMD's perspective and priorities are heard, understood, and acted upon.

e. Preparing and presenting testimony before Congress and federal agencies

As part of its representation of clients before the Congressional appropriations process, DWGP routinely advises and drafts testimony on budget priorities, appropriations, funding formulas or caps, and other policy positions of our clients. Coupled with Grove Climate Group's perspective on the receiving end of testimony over the past 12 years, the difference between prepared and oral testimony is stressed, while ensuring information conveyed is timely, unique, and actionable for interested parties. There are many lessons on quality witnesses that can be applied, especially in the hybrid and virtual settings of today's hearings. Endless hours of testimony have been prepared, heard, summarized, and acted upon throughout the Firm's history, with expert advice accumulated along the way.

f. Negotiating bill language, policies or other federal agency provisions related to environmental, transportation, energy or air quality issues

There are countless examples of drafting letters to leadership and appropriators, convening stakeholders to edit discussion drafts, seeking technical assistance from federal agencies, developing a coalition of internal and external supporters, and many others that could be highlighted. Below are five discreet examples that Mr. Clinton Britt has helped advance in the recent past:

- i. TSCA – On behalf of then Ranking Member of the Environment Subcommittee, Congressman Paul Tonko, Mr. Clinton Britt was in the room with the White House and senior House and Senate leadership when the final version of TSCA was negotiated. The final provision of discussion was regarding federal preemption. Through months (and years) of positioning and negotiations,

- including with both internal and external stakeholders, this bill was ultimately signed into law in June 2016.
- ii. HFCs – In late December 2020, as part of an omnibus energy bill, a section authorizing the cap and phase down of HFCs was included, which was a bipartisan (and bicameral) compromise to reduce these harmful greenhouse gas super pollutants. Building a coalition that spanned the U.S. Chamber of Commerce to environmental non-profits, language surrounding the timeline and pace of the phasedown was delicately balanced.
 - iii. Gas and wind R&D language – Also part of the December 2020 omnibus, these programs at the Department of Energy were authorized to reduce the cost and market barriers for both technologies. Each policy had years of analysis, support, coalition building, testimony, and much more to be accepted by all “four corners” of House and Senate leadership in the package. Funding levels will be at record levels to make gas turbines more efficient and improve the quality of wind turbines and wind farms.
 - iv. Nuclear waste – While this issue is ongoing and difficult, an interim nuclear waste storage bill was passed in 2018 with bipartisan support. The goal was to consolidate 121 interim sites while a permanent repository is pursued. Political and policy calculations had to be carefully balanced, while not giving any final approval or disapproval of Yucca Mountain.
 - v. CLEAN Future Act – Throughout the past couple years, the CLEAN Future Act has emerged. It started from a series of roundtables with stakeholder input to a set of principles on climate change to draft legislative text to base text in the 2020 omnibus package and finally in 2021’s infrastructure and reconciliation bills. This iterative process included every majority member of the House Committee on Energy and Commerce and had approval of Chairmen Pallone, Tonko, and Rush. With countless feedback, input, updates to legislative text, and much more, Mr. Britt served as co-manager to turn the original idea into a bill, the first such comprehensive text of climate policy since the “Waxman-Markey” legislation of 2009.

g. Ability to work proactively and productively with all political affiliations and points of view

Coalition building and working across the aisle has been a hallmark of the work conducted by Jeff Genzer and Clinton Britt. This has included both annual appropriations (State Energy Program, Weatherization Assistance Program, Energy Star Program (EPA and DOE), Pollution prevention programs at EPA and a variety of authorization measures. These presently include the State Energy Program (\$500 million in the bipartisan infrastructure package – HR 3684), Energy Efficiency and Conservation Block Grant (\$550 million in HR 3684), \$3.5 billion for Weatherization in HR 3684, \$225 million for building energy codes in HR 3684, \$250 million for the INSULATE Act (HR 3684), \$40 million for energy auditor training (HR 3684), reauthorization of SEP and inclusion of mandatory transmission and distribution planning and transportation planning in HR 3684, electricity transmission and grid expansion programs (HR 3684), EV programs (HR 3684 and the reconciliation package), the Green Bank (\$27 billion in the reconciliation package)

– EPA portion), \$20 billion for Hope for HOMES/HOMES and Zero Energy Homes in the reconciliation package), \$3.5 billion for Weatherization (reconciliation), \$3.2 billion for the “Open Back Better” bill in reconciliation, \$5 billion for EECBG in reconciliation, \$2 billion for the low-income solar program in both EPA and DOE in the reconciliation package, \$300 million for building energy codes in the reconciliation package, etc.

Additionally, as aforementioned, from HFCs to R&D proposals, Mr. Britt has extensive experience working across the aisle, as well as in the Senate and Administration, to get results. These do not stop at the border of energy and environment policy and include similar success in the fields of mental health, broadband, scientific integrity, and much more.

h. Demonstrated ability in successfully seeking and securing funding for represented clients

DWGP also counsels its clients on the most viable approaches for seeking Federal funds for projects and advises clients on the Federal Acquisition Rules once Federal funds are obtained. The Firm has advised clients in obtaining energy-related grants from funds established by the ARRA. On behalf of several clients, the Firm has drafted and shepherded grant applications to various Federal agencies such as the DOE, EPA, Department of Agriculture, Department of Interior, Department of Transportation and Department of Commerce. DWGP has obtained grant funding for the development of smart grids, last-mile broadband connectivity, energy efficiency and conservation blocks, community development blocks and local workforce training. DWGP has been working extensively with clients in meeting their federal compliance and grant requirements related to the 2020 Coronavirus Aid Relief and Economic Security (CARES) Act and the 2021 American Rescue Plan Act. DWGP is engaged in and closely in tune with efforts to pass federal infrastructure legislation. These efforts complement DWGP’s assistance of clients’ efforts under these plans to secure water resources and electric infrastructure (including distributed solar resources), and to maintain job creation for underserved and unserved communities during the fight against the COVID-19 pandemic.

The Firm has assisted many of its publicly-owned utility clients to implement Smart Grid applications to reduce the costs and environmental impacts related to meter reading from vehicles, and to develop a more responsive and efficient electric distribution system. We have prepared and filed successful applications to the U.S. DOE Smart Grid Investment Grant (“SGIG”) program under the ARRA. Our clients were among only 100 entities selected by the DOE for its SGIG program. DWGP also assisted public power entities in negotiating final grant agreements with the DOE and sub-awardee agreements while counseling on ARRA-related funding requirements as well as the Federal Acquisition Rules. DWGP represented public power entities in negotiating with the DOE project management and cyber-security plans for its SGIG-funded advanced metering project. Additionally, DWGP successfully represented public power clients in obtaining ARRA-related funding from the DOE for workforce training on the Advanced Metering Infrastructure facilities that are installed as part of the smart grid application.

DWGP is presently engaged in the development of the federal infrastructure package, including the House Energy and Commerce Committee's "Climate Leadership and Environmental Action for our Nation's Future Act" or the "CLEAN Future Act" and the "Leading Infrastructure For Tomorrow's America Act" or the "LIFT" Act, as well as discussions with the Energy and Water Development Appropriations Committee and the DOE on program design and implementation. In the event that an infrastructure bill passes in 2021, this could involve a dramatic expansion of opportunities for local governmental entities and utilities, for which we could assist, through programs at the DOE (especially the Energy Efficiency and Conservation Block Grant program, electric vehicle programs, building technology programs, the Weatherization Assistance Program and the State Energy Program), and other federal departments.

Further, DWGP assisted a municipal entity in partnering with the U.S. EPA to assess and prioritize potential solar energy sites for development. As part of this process, NTUA and the U.S. EPA identified a site that would be developed into one of the first and largest solar energy projects on reclaimed mining land in the United States. DWGP also helped a client, in conjunction with research institutions and third parties, to obtain DOE funding for advanced renewable energy technology projects dealing with ocean thermal energy conversion. The Firm has assisted many of its publicly-owned utility clients implement Smart Grid applications to reduce the costs and environmental impacts related to meter reading from vehicles, and to develop a more responsive and efficient electric distribution system.

On behalf of the Firm's trade association clients (mostly state governmental entities) we have been architects and facilitators of effective coalitions and joint efforts principally during the Federal appropriations process to support budget requests for funds to states and local governments. This work involves appropriations in the Federal budget for energy and environmental efforts by states and local governments. The Firm, on behalf of these clients, has fostered shared strategies by state and local government energy and environmental agencies for the purpose of seeking funds and support from the DOE and the EPA to utilize states and local governments for innovative programs. This work has included both traditional grant-funding processes in the departments but also creation of local initiatives to bring to the attention of the relevant Federal agency. Our work for state and local governments in the energy and environment fields will be readily transferable to SCAQMD's needs. The Firm's efforts on behalf of NASEO have obtained dedicated funds for state energy offices to utilize for energy efficiency, sustainable environmental policies and renewable energy development.

The Firm worked to obtain Congressional approval and Administration support for funding under ARRA for the Weatherization Program (\$5 billion), the State Energy Program (\$3.1 billion) and the Energy Efficiency and Conservation Block Grant (\$3.2 billion). These efforts included reauthorization language, tax provisions (renewable energy and building efficiency tax credits) and energy policy sections. Additionally, DWGP has been a part of efforts to develop the Warehouse for Energy Efficiency Loans, "WHEEL," a secondary market residential energy efficiency financing project. Through our work for NASEO and the Energy Programs Consortium, DWGP has played a seminal role in explaining how

Property Assessed Clean Energy programs can be implemented by state and local governments.

i. References

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j. List of Representative Clients

Pursuant to Section VI(B)(2) of SCAQMD's RFP, the Firm provides the following list of representative clients:

City of Redding, California
City of Roseville, California
City of Santa Clara, California
Imperial Irrigation District
Lassen Municipal Utility District
Modesto Irrigation District
M-S-R Public Power Agency
Navajo Tribal Utility Authority
New York Association of Public Power
Hawaii Department of Energy
Midwest Electric Consumers Association
National Association of Energy Service Companies
National Association of State Energy Officials
National Energy Assistance Directors Association
New York Association of Public Power
Transmission Agency of Northern California

SECTION E - Assigned Personnel

The key personnel include:

- Jeffrey C. Genzer, Chairman, DWGP, Washington, D.C.
- Sean M. Neal, Shareholder, DWGP, Sacramento, CA
- Clinton Britt, President, Grove Climate Group, LLC
- Eli D. Eilbott, Shareholder, DWGP, Washington, D.C.
- Lauren Perkins, Associate, DWGP Sacramento, California
- Ellen Hill, Associate, DWGP, Washington, D.C.

Jeff Genzer will be the Project Manager. Other than travel to SCAQMD, work will be performed in Washington, D.C. and Sacramento, and not within SCAQMD geographical boundaries. The Project Team's qualifications and training are described below. A table of each of the labor hours proposed for each labor category at the task level follow the Project Team's qualifications.

Jeffrey C. Genzer

Mr. Jeffrey C. Genzer is DWGP's Chairman, having joined the Firm in 1985. Jeff previously served as the Firm's President. Since joining the Firm, he has appeared before numerous state public utilities commissions and federal agencies, and state and federal courts. He has worked on electric and natural gas ratemaking, energy project development, bulk power supply, transmission system issues, contract negotiation, franchise issues, alternative energy resources (including wind, solar, water, geothermal, ocean, biomass, waste, etc.), and energy efficiency programs. Mr. Genzer also has an active federal legislative practice and has worked with a number of local and state governments throughout the United States, from New York to Hawaii. He has spoken on numerous occasions, especially on federal legislative activities, energy, environmental and utility issues. Mr. Genzer presently serves as General Counsel to the National Association of State Energy Officials, the National Association of Energy Service Companies, the National Energy Assistance Directors' Association, and the Energy Programs Consortium, among others. Prior to joining DWGP, Mr. Genzer served as Staff Counsel to the Committee on Energy and Environment of the National Governors Association ("NGA"), where he also worked with the state energy offices. In that role, he drafted legislation, provided legal analysis in the energy and environmental area, and served as the chief energy lobbyist for the Association. While at NGA, Mr. Genzer negotiated with interested parties regarding energy tax policy provisions for renewables. Prior to graduating from the Washington College of Law at American University, Mr. Genzer served as a Peace Corps Volunteer in Micronesia, where he served as the first energy planner in the region. Mr. Genzer's experience representing governmental entities was acknowledged in 2013 when the Energy Bar Association awarded him the State Regulatory Practitioner Award. Mr. Genzer, in

2010, also received the Champion of Energy Efficiency in Buildings Award by the American Council for an Energy Efficient Economy.

Mr. Genzer has decades of experience in convincing elected officials to provide funds for energy efficiency, conservation activities, and renewable energy development as needed investments for states and local government clients. These efforts have been undertaken during the volatile cycles of world energy prices. Mr. Genzer has helped these clients make the case for investments in these activities as critical to the national, state, and local infrastructure. Mr. Genzer has shown how Federal dollars can be leveraged with state and local dollars to demonstrate significant returns for the Federal investment.

Mr. Genzer has worked extensively with and on behalf of trade associations and coalitions comprised of municipal and state entities. For example, he and the Firm have worked closely with the National Association of Counties (“NACO”), the National League of Cities (“NLC”), the U.S. Conference of Mayors, NARUC, the National Association of State Utility Consumer Advocates, the Western Governors’ Association and the Western Interstate Energy Board. Mr. Genzer has conducted energy/utility webinars and presented speeches to NACO and NLC. Mr. Genzer has served as counsel to the NASEO since its inception in 1986.

During consideration of the legislation that led to the Energy Policy Act of 2005, Mr. Genzer co-chaired the ad hoc State and Local Energy Coalition, which met in the Hall of the States on a regular basis to brief state and local associations and individual state representatives on Federal energy legislation and administration action. Mr. Genzer helped the NACAA, NARUC, and NASEO bring together state and local air officials, state energy officials and state utility commissioners, to address issues of joint interest. Communication on these critical energy/environmental issues is a hallmark of Mr. Genzer’s work.

Mr. Genzer, through his representation of state energy offices, state energy assistance directors and municipal utilities, supported programs, policies and partnerships to expand energy efficiency, in particular green building technologies to reduce emissions. He and the Firm have worked extensively on green building issues with EPA/DOE Energy Star, a variety of EPA partnerships programs and the U.S. Green Buildings Council. In addition to the work with NACAA generally, Bill Becker and Jeff Genzer worked with EPA Staff in the mid-1990s on the State Implementation Plan (“SIP”) Call for NOx.

Following the passage of the American Recovery and Reinvestment Act of 2009, Mr. Genzer’s efforts on behalf of state and local governments helped lead to significant resources being directed to energy efficiency, renewable energy and green buildings through the State Energy Program (\$3.1 billion) and Energy Efficiency and Conservation Block Grant Program (\$3.2 billion), and Weatherization Assistance Program (\$5 billion).

Sean M. Neal

Mr. Neal is based in the Firm’s Sacramento office, which he helped to open in September 2004 after practicing in Washington, D.C. Mr. Neal has led negotiations on behalf of

municipal utility clients of clean energy power purchase agreements, transmission service and interconnection agreements. Mr. Neal participates regularly on behalf of clients in proceedings before California state agencies, such as the California Public Utilities Commission (“CPUC”), California Energy Commission and CARB. Additionally, Mr. Neal has considerable experience practicing before FERC, and has combined his on-the-ground knowledge of California clients and state issues to be a key player in providing monitoring services to clients, including California Joint Action Agencies. This year, he assisted an industrial client obtain an air permit variance before the San Joaquin Valley Air Pollution Control District.

Mr. Neal has litigated cases before FERC, California State Court and Federal Appellate and District Courts, and the American Arbitration Association. Such cases include the defense of claims arising from the fallout from the California Electricity Crisis of 2000-2001, the allocation and assessment of transmission costs imposed by private utilities and grid operators, and defense of claims of damage caused by a utility to an interconnected generator. Mr. Neal also works with clients to obtain satisfactory results through settlement, and has significant negotiating experience within federal and state agency settlement processes and before private dispute resolution entities, such as JAMS.

Clinton Britt

Clinton Britt is the President of Grove Climate Group, LLC, which he founded in January 2021. He has nearly 15 years of public policy experience at the federal and state levels. Most recently, Clinton spent 12 years working for Congressman Paul D. Tonko (NY-20), including the past eight as his Chief of Staff. In that role, Clinton managed a staff of over 20 people, overseeing policy, communication, constituent services and other operations. In addition, he served as the chief liaison with the Energy and Commerce Committee, and specifically with Chairman Tonko’s subcommittee on Environment and Climate Change. He routinely interacted with the White House, federal agencies, CEOs, trade groups, business, nonprofits, and other Members of Congress and staff.

Clinton has directly or indirectly helped enact the following laws: wind energy research and development, natural gas turbine research and development, HFC phase-down, weatherization assistance program reauthorization, critical mineral battery recycling at DOE, TSCA, other drinking water related measures, nuclear waste, mental health related matters, safe trucking parking facilities, and more.

Furthermore, he has directly or indirectly advanced legislation through the House of Representatives focusing on EV charging stations, distributed energy permitting, broadband, watersheds, addiction treatment, and others. He co-led the effort with his committee colleagues in January 2020 to write the CLEAN Future Act, the first comprehensive legislative text to address climate change in the House of Representatives in a decade.

Clinton has extensive political experience, particularly with the DCCC, helping dozens of candidates and members with their elections, including serving as Mr. Tonko’s campaign

manager for five different cycles. As campaign manager, Clinton oversaw consultants and approved content to help Mr. Tonko achieve winning vote margins far greater than party enrollment predicted. An important part of that success was creating a strategy to double overall campaign contributions to record levels in 2020 through individual, digital and corporate giving.

As a Stennis fellow in the 116th Congress, Clinton had the chance to spend two years with his colleagues from both parties and both sides of the Capitol developing leadership skills and tackling challenges facing Congress. He has also served as an informal advisor to Pew's bipartisan House Chiefs of Staff Project, the Congressional Soccer Match and others. He currently serves on the board of Backroads PAC, whose mission is to build a community to ensure rural Democrats have the resources they need to run for Congress. Clinton has traveled extensively for his profession, both domestically and internationally, to better understand the energy landscape. Finally, he has extensive public speaking experience, sharing his thoughts on policy, politics, process, and leadership.

Eli D. Eilbott

Mr. Eilbott has extensive experience in all the major Federal environmental statutes, including the CAA, RCRA, the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA" or Superfund), the Toxic Substances Control Act ("TSCA"), NEPA, and the Clean Water Act. Mr. Eilbott has defended a municipal utility in responding to a notice of violation issued by a state agency of an air permit under state implementation of the CAA. He has advised a municipal utility on renewal of its Title V operating air permit, and has addressed issues and questions pertaining to mandatory emissions reporting.

Mr. Eilbott also has expertise on solid waste, hazardous waste and site cleanup issues arising under RCRA and CERCLA, and has been extensively involved in facility siting and permitting, U.S. EPA enforcement actions, compliance counseling with respect to the requirements for identifying, treating, storing, shipping, recycling and disposing of hazardous wastes, interpreting the land disposal restrictions and corrective action requirements, and representation before U.S. EPA and State environmental agencies. Mr. Eilbott counseled and represented clients before agencies regarding PCB waste cleanup and management issues arising under TSCA, and Toxic Release Inventory reporting requirements arising under the Emergency Planning and Community Right-To-Know Act. In addition, he provided advice and compliance counseling on the U.S. Department of Transportation's Hazardous Materials Regulations, regarding the packaging, labeling, placarding, shipping paper preparation, accident reporting and other Department of Transportation requirements. Prior to rejoining the Firm, Mr. Eilbott served for five years as Deputy General Counsel of the Environmental Technology Council, a Washington, DC-based national trade association of commercial hazardous waste management companies and contaminated site remediation contractors, and as in-house counsel for M4 Environmental Management, Inc., a high-tech radioactive waste and hazardous waste recycling company jointly owned by Lockheed Martin Corp. and Molten Metal

Technology, Inc. This year, Mr. Eilbott assisted an industrial client obtain an air permit variance before the San Joaquin Valley Air Pollution Control District.

In addition, Mr. Eilbott is a Licensed Patent Attorney and is registered to practice before the U.S. Patent & Trademark Office, and has experience in a number of areas of intellectual property law, including patents, trademarks and copyrights, as well as in the related fields of trade secret, unfair competition and false advertising. Mr. Eilbott is familiar with the electric utility industry, representing clients on ratemakings, tariff amendments, and complaint proceedings before FERC and state courts, hydroelectric facility licensing, bulk power supply, transmission system reliability, and electric contract negotiations.

Lauren Perkins

As an Associate in the Firm's Sacramento office, Ms. Perkins focuses on energy law and regulation at the federal and state levels. At the federal level, her work involves proceedings at the FERC, including with respect to transmission owner rate cases, California Independent System Operator Corporation ("CAISO") tariff filings, and North American Electric Reliability Corporation matters. Ms. Perkins participates in CAISO stakeholder proceedings and follows developments in the Western Energy Imbalance Market. Prior to joining the Firm, Ms. Perkins interned for the CPUC in the Administrative Law Judge Division, California Department of Transportation, and for the Honorable Thomas J. Whelan at the U.S. District Court, Southern District of California. Ms. Perkins served as President of the Environmental Law Society, and the Symposium Coordinator for the Ninth Annual Climate & Energy Law Symposium in 2017. She wrote a comment on offshore wind for the San Diego Journal of Climate and Energy Law and served as an associate editor in 2016. This November, Ms. Perkins will speak on a panel at the Climate & Energy Law Symposium on the topic of hydroelectric power's potential to help meet climate goals.

At the state level, Ms. Perkins has assisted clients in proceedings at the CPUC, with regard to matters affecting utility rates. Ms. Perkins also focuses on matters relevant to California's goal of achieving environmental policy mandates while maintaining reliability, including developments at CARB with respect to Renewables Portfolio Standard enforcement, and before the CPUC and CAISO with respect to an array of issues, including resource adequacy, and at the CAISO with regard to summer electric grid readiness.

Ellen Hill

Ms. Hill began her career with DWGP as a Summer Associate in 2019. Upon graduating from law school in 2020, Ms. Hill rejoined DWGP and is duly admitted to practice law in the state of Arizona. She has assisted clients in practice areas relating to energy, electric reliability, environmental, municipal, and cybersecurity, along with various issues relating to telecommunications and water utilities. Ms. Hill has assisted with proceedings before FERC, the Public Service Commission of the District of Columbia, and the Bonneville Power Administration concerning wholesale transmission, ancillary services, and retail distribution rates. She is familiar with both state and federal regulatory law.

During law school, Ms. Hill served as a legal intern for the Honorable D. Brooks Smith, Chief Judge of the United States Court of Appeals for the Third Circuit, where she gained perspective on the inner workings of the federal appellate process. Additionally, Ms. Hill interned with the U.S. Department of Justice's Environment and Natural Resources Division, where she expanded upon her experience with regulatory, administrative, and environmental law.

Prior to attending law school, Ms. Hill was a legislative intern for the Arizona House of Representatives, serving the Committees of Education and Higher Education. In this capacity, Ms. Hill participated in stakeholder discussions and worked closely with state lawmakers.

Table of Labor Hours for each Labor Category

Task/Deliverable	Estimated Annual Labor Hours
Recommendations for increasing federal appropriations and funding opportunities	50
Complete strategic and tactical implementation plan for 2022	50
Monthly written briefing covering pertinent activities	60
Written quarterly reports on relevant administrative and legislative actions	60
Analysis of federal legislation affecting air quality and SCAQMD objectives	100
Written report on federal legislative policy meetings attended/monitored	50
Written briefings to the SCAQMD Legislative Committee and Governing Board on federal legislation or policy	60
Recommendations regarding SCAQMD positions on and strategies for federal air quality-related legislation or policies	60
Communications to legislators and key administrative officials conveying SCAQMD positions on various bills and administrative actions	100
Preparing testimony before Congressional committees and/or federal agency hearings	150
Attend meetings on behalf of SCAQMD with legislative representatives and administration members and appointees	120

Negotiate bill language, policies or other federal agency provisions related to environmental, transportation or air quality issues	120
Year-end report	50
Year-end presentation	50
Total Hours:	1080

SECTION F – Subcontractors

Mr. Clinton Britt of the Grove Climate Group, LLC will be a subcontractor with DWGP. His deep knowledge of and contacts within Capitol Hill and the Biden Administration will be an instrumental asset to the Project Team, as reflected by the hours and time set forth in Volume II of this proposal.

SECTION G - Conflict of Interest Statement

DWGP has reviewed the representation of the Firm’s current clients and has determined that there is no conflict with the potential representation of SCAQMD in Federal legislative representation. If DWGP is retained by SCAQMD for Federal legislative representation and DWGP determines during the course of our representation of SCAQMD that a conflict has arisen, DWGP will promptly notify SCAQMD officials. The Firm will meet with SCAQMD officials to discuss the conflict and reach a satisfactory resolution for both SCAQMD and DWGP. If either SCAQMD or DWGP conclude that our representation of SCAQMD should or must be terminated, DWGP will do our best to protect SCAQMD’s interests by assisting in providing a smooth transition to a new counsel.

VOLUME II – COST PROPOSAL

Request for Proposal No. P2022-01

Legislative Representation
In Washington, D.C.

Response of

Duncan, Weinberg, Genzer & Pembroke, P.C.

1667 K Street, N.W., Suite 700
Washington, DC 20006
and
915 L Street, Suite 1410
Sacramento, CA 95814

Contact Person: Jeffrey C. Genzer
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October 4, 2021

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Proposer:

Duncan, Weinberg, Genzer & Pembroke, P.C. ("DWGP")

1667 K Street, NW, Suite 700
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202-467-6370

915 L Street, Suite 1410
Sacramento, CA 95814
916-498-0121

DWGP proposes a \$34,000 Flat Monthly Fee for representation services rendered to the South Coast Air Quality Management District ("SCAQMD"). This fee approximates the corresponding charges for the monthly hours estimated to be worked, as reflected in the table below.

A. Labor

The following table lists DWGP's fully burdened hourly rates for each level of professional staff. DWGP requests confidential treatment as to the rates listed below. Costs estimated for each of the components of the work plan follow at the end of this Volume.

Professionals and Staff	Hourly Rate	Estimated Hours/mo.
Senior Shareholders (Including Jeff Genzer, Eli Eilbott, and Sean Neal)	\$435/hr	20
Other Shareholders	\$410/hr	
Senior Associates	\$350/hr	
Other Associates (Including Lauren Perkins and Ellen Hill)	\$310/hr	15
Regulatory Policy Director	\$265/hr	
Non-Attorney Research Analyst (Including Theju Prasad)	\$215/hr	15
Senior Paralegal	\$175/hr	
Paralegal/Law Clerks	\$145/hr	
		Total Hours: 50

B. Subcontractor Costs

The following table lists Grove Climate Group, LLC's fully burdened hourly rates for each level of professional staff. Grove Climate Group, LLC requests confidential treatment as to the rates listed below.

Professionals and Staff	Hourly Rate	Estimated Hours/mo.
Senior Principal (Clinton Britt)	\$435/hr	40

C. Travel Costs

Travel Costs (including airline fare/mileage expense, per diem costs, lodging and car rental) – Two trips per year from the East Coast	\$5,000/year
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D. Other Direct Costs

Other Direct Costs (e.g., postage and mailing; bulk printing and reproduction costs, etc.)	\$250/year
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ATTACHMENT A: Costs Estimated for Each of the Components of the Work Plan

Task/Deliverable	Estimated Annual Labor Hours	Shareholders & Subcontractor Hours	Associates Hours	Analyst Hours	Cost
Recommendations for increasing federal appropriations and funding opportunities	50	30	10	10	\$18,300
Complete strategic and tactical implementation plan for 2022	50	30	10	10	\$18,300
Monthly written briefing covering pertinent activities	60	40	10	10	\$22,650
Written quarterly reports on relevant administrative and legislative actions	60	40	10	10	\$22,650
Analysis of federal legislation affecting air quality and SCAQMD objectives	100	40	30	30	\$33,150
Written report on federal legislative policy meetings attended/monitored	50	30	10	10	\$18,300
Written briefings to the SCAQMD Legislative	60	40	10	10	\$22,650

Committee and Governing Board on federal legislation or policy						
Recommendations regarding SCAQMD positions on and strategies for federal air quality-related legislation or policies	60	40	10	10	\$22,650	
Communications to legislators and key administrative officials conveying SCAQMD positions on various bills and administrative actions	100	60	20	20	\$36,600	
Preparing testimony before Congressional committees and/or federal agency hearings	150	90	30	30	\$54,900	
Attend meetings on behalf of SCAQMD with legislative representatives and administration members and appointees	120	120	0	0	\$52,200	
Negotiate bill language, policies or other federal agency provisions related to environmental, transportation or air quality issues	120	100	10	10	\$48,750	
Year-end report	50	30	10	10	\$18,300	

Year-end presentation	50	30	10	10	\$18,300
Total:	1080	720	180	180	\$407,700.00

VOLUME III – CERTIFICATIONS AND REPRESENTATIONS

Request for Proposal No. P2022-01

Legislative Representation
In Washington, D.C.

Response of

Duncan, Weinberg, Genzer & Pembroke, P.C.

1667 K Street, N.W., Suite 700
Washington, DC 20006

and

915 L Street, Suite 1410
Sacramento, CA 95814

Contact Person: Jeffrey C. Genzer

Tel.: 202-467-6370

Cell: 202-714-9724

Fax: 202-467-6379

jcg@dwgp.com

October 4, 2021



South Coast Air Quality Management District

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

BUSINESS INFORMATION REQUEST

Business Name	Duncan, Weinberg, Genzer & Pembroke, P.C.
Division of	n/a
Subsidiary of	n/a
Website Address	www.dwgp.com
Type of Business <i>Check One:</i>	<input type="checkbox"/> Individual <input type="checkbox"/> DBA, Name _____, County Filed in _____ <input checked="" type="checkbox"/> Corporation, ID No. <u>DC: 762931</u> ; CA Foreign PC: <u>C2657643</u> <input type="checkbox"/> LLC/LLP, ID No. _____ <input type="checkbox"/> Other _____

REMITTING ADDRESS INFORMATION

Address	Duncan, Weinberg, Genzer & Pembroke, P.C.		
	1667 K Street, N.W. Suite 700		
City/Town	Washington		
State/Province	DC	Zip	20006
Phone	(202) 467 - 6370 Ext	Fax	(202) 467 -6379
Contact	Jeffrey C. Genzer	Title	Shareholder and Chair of the Board
E-mail Address	jcg@dwgp.com		
Payment Name if Different			

All invoices must reference the corresponding Purchase Order Number(s)/Contract Number(s) if applicable and mailed to:

**Attention: Accounts Payable, Accounting Department
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178**

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Go to www.irs.gov/FormW9 for instructions and the latest information.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Duncan, Weinberg, Genzer & Pembroke, P.C.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.

Individual/sole proprietor or single-member LLC

C Corporation

S Corporation

Partnership

Trust/estate

Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

Other (see instructions) ▶ _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
1667 K Street, N.W. Suite 700

6 City, state, and ZIP code
Washington, D.C. 20006

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			-				
--	--	--	---	--	--	--	--

or

Employer identification number

5	2	-	1	0	7	3	5	4	4
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Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here

Signature of U.S. person ▶ *[Signature]*

Date ▶ *Oct 4, 2021*

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What Is backup withholding*, later.

Certification Regarding Debarment, Suspension, and Other Responsibility Matters

The prospective participant certifies to the best of its knowledge and belief that it and the principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them or commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction: violation of Federal or State antitrust statute or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and
- (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

Sean M. Neal, Shareholder & Secretary

Typed Name & Title of Authorized Representative



Oct. 4, 2021

Signature of Authorized Representative Date

I am unable to certify to the above statements. My explanation is attached.



CAMPAIGN CONTRIBUTIONS DISCLOSURE

In accordance with California law, bidders and contracting parties are required to disclose, at the time the application is filed, information relating to any campaign contributions made to South Coast Air Quality Management District (South Coast AQMD) Board Members or members/alternates of the MSRC, including: the name of the party making the contribution (which includes any parent, subsidiary or otherwise related business entity, as defined below), the amount of the contribution, and the date the contribution was made. 2 C.C.R. §18438.8(b).

California law prohibits a party, or an agent, from making campaign contributions to South Coast AQMD Governing Board Members or members/alternates of the Mobile Source Air Pollution Reduction Review Committee (MSRC) of more than \$250 while their contract or permit is pending before South Coast AQMD; and further prohibits a campaign contribution from being made for three (3) months following the date of the final decision by the Governing Board or the MSRC on a donor's contract or permit. Gov't Code §84308(d). For purposes of reaching the \$250 limit, the campaign contributions of the bidder or contractor plus contributions by its parents, affiliates, and related companies of the contractor or bidder are added together. 2 C.C.R. §18438.5.

In addition, South Coast AQMD Board Members or members/alternates of the MSRC must abstain from voting on a contract or permit if they have received a campaign contribution from a party or participant to the proceeding, or agent, totaling more than \$250 in the 12-month period prior to the consideration of the item by the Governing Board or the MSRC. Gov't Code §84308(c).

The list of current South Coast AQMD Governing Board Members can be found at South Coast AQMD website (www.aqmd.gov). The list of current MSRC members/alternates can be found at the MSRC website (<http://www.cleantransportationfunding.org>).

SECTION I.

Contractor (Legal Name): Duncan, Weinberg, Genzer & Pembroke, P.C.

DBA, Name <u>n/a</u> , County Filed in <u>n/a</u> Corporation, ID No. <u>DC: 762931; CA Foreign PC: C2657643</u> LLC/LLP, ID No. <u>n/a</u>

List any parent, subsidiaries, or otherwise affiliated business entities of Contractor:
(See definition below).

n/a

SECTION II.

Has Contractor and/or any parent, subsidiary, or affiliated company, or agent thereof, made a campaign contribution(s) totaling \$250 or more in the aggregate to a current member of the South Coast Air Quality Management Governing Board or member/alternate of the MSRC in the 12 months preceding the date of execution of this disclosure?

Yes No **If YES, complete Section II below and then sign and date the form. If NO, sign and date below. Include this form with your submittal.**

Campaign Contributions Disclosure, *continued:*

Name of Contributor _____

Governing Board Member or MSRC Member/Alternate Amount of Contribution Date of Contribution

Name of Contributor _____

Governing Board Member or MSRC Member/Alternate Amount of Contribution Date of Contribution

Name of Contributor _____

Governing Board Member or MSRC Member/Alternate Amount of Contribution Date of Contribution

Name of Contributor _____

Governing Board Member or MSRC Member/Alternate Amount of Contribution Date of Contribution

I declare the foregoing disclosures to be true and correct.

By: Sean M. Neal

Sean M. Neal

Title: Shareholder and Secretary

Date: October 4, 2021

DEFINITIONS

Parent, Subsidiary, or Otherwise Related Business Entity (2 Cal. Code of Regs., §18703.1(d).)

- (1) Parent subsidiary. A parent subsidiary relationship exists when one corporation directly or indirectly owns shares possessing more than 50 percent of the voting power of another corporation.
- (2) Otherwise related business entity. Business entities, including corporations, partnerships, joint ventures and any other organizations and enterprises operated for profit, which do not have a parent subsidiary relationship are otherwise related if any one of the following three tests is met:
 - (A) One business entity has a controlling ownership interest in the other business entity.
 - (B) There is shared management and control between the entities. In determining whether there is shared management and control, consideration should be given to the following factors:
 - (i) The same person or substantially the same person owns and manages the two entities;
 - (ii) There are common or commingled funds or assets;
 - (iii) The business entities share the use of the same offices or employees, or otherwise share activities, resources or personnel on a regular basis;
 - (iv) There is otherwise a regular and close working relationship between the entities; or
 - (C) A controlling owner (50% or greater interest as a shareholder or as a general partner) in one entity also is a controlling owner in the other entity.

Staff Response to Bid Protest by DWG&P

Staff’s response below shows the potential adjustment to the scores if the DWG&P’s cost were compared to the total cost of the three recommended bidders. The response also includes the relevant portions of RFP 2122-01 regarding the Governing Board’s discretion to make awards to more than one proposer and increase the award amount, and the relevant portions of the Procurement Policy & Procedure regarding giving preference to the lowest cost responsible bidder and contracting for consultant and professional services. The entire RFP and Procurement Policy & Procedure are also available upon request.

A. Cost Scores

Pursuant to Section IX.B.4. of the RFP, points are awarded for costs on a prorated basis:

The lowest cost proposal will be awarded the maximum cost points available and all other cost proposals will receive points on a prorated basis. For example, if the lowest cost proposal is \$1,000 and the maximum points available are 30 points, this proposal would receive the full 30 points. If the next lowest cost proposal is \$1,100 it would receive 27 points reflecting the fact that it is 10% higher than the lowest cost (90% of 30 points = 27 points).

The Monares Group received 30 points for having the lowest cost at \$193,200, and the rest of the bidders received cost scores on a prorated basis pursuant to the example above:

RFP #P2122-01 Scores and Cost Matrix

Firm	Technical Score	Cost Score	Additional Points	Total Score	Cost
Carmen Group	66	25.5	12	103.5	\$222,090
Cassidy & Associates	66	26.5	0	92.5	\$216,000
Kadesh & Associates	69	24.8	10	103.8	\$226,392
DWG&P	56	0	0	56	\$408,000
The Monares Group	56	30	0	86	\$193,200

If DWG&P’s cost of \$408,000 were compared to the three recommended bidders’ total cost of \$664,482, and DWG&P receives 30 points for having the lowest cost, the recommended bidders would receive a cost score of 11.1, because their combined total cost is 62.9% more than DWG&P’s cost:

RFP #P2122-01 Adjusted Scores and Cost Matrix

Firm	Technical Score	Cost Score	Additional Points	Total Score	“Linked” Cost
Carmen Group	66	11.1	12	89.1	\$664,482
Cassidy & Associates	66	11.1	0	77.1	\$664,482
Kadesh & Associates	69	11.1	10	90.1	\$664,482
DWG&P	56	30	0	86	\$408,000

The above matrix does not include The Monares Group. If The Monares Group were included, it would receive the maximum 30 points instead of DWG&P, as it would still be the lowest cost bid at \$193,200.

B. RFP Language

Below are the relevant portions of RFP #P2022-01 relating to the Governing Board’s discretion to make awards to more than one proposer and to increase the amount awarded:

Section IX.G:

The Executive Officer or Governing Board may award contracts to more than one proposer if in (his or their) sole judgment the purposes of the (contract or award) would best be served by selecting multiple proposers.

Section IX.H:

If additional funds become available, the Executive Officer or Governing Board may increase the amount awarded. The Executive Officer or Governing Board may also select additional proposers for a grant or contract if additional funds become available.

C. Procurement Policy & Procedure

Under the Procurement Policy & Procedure, the Governing Board may award the contract to a bidder other than the lowest cost bidder:

Section VI.B.3:

The Executive Officer and/or Governing Board may award the contract to a bidder, other than the bidder determined to be the lowest bidder, in the event the Executive Officer and/or the Governing Board determine that another bidder would provide the best value to the South Coast AQMD. In such case, the supporting rationale for such a determination must be provided. The determination shall be on the bids or quotations and on evidence provided in the quotation and/or any other evidence provided during the

bid review process. Evidence provided during the bid review process is limited to clarification by the bidder of information presented in his/her proposal/quotation.

Preference for the lowest cost, responsible bidder preference is expressly called for when contracting for construction, alteration and improvement of South Coast AQMD facilities:

Section V.B.4:

The South Coast AQMD Board shall, to the greatest extent practicable, award the contract to the lowest cost responsive bidder, except as provided in Section VI.(B).

However, there is no similar lowest cost bidder preference for contracting for consulting and professional services, such as legislative representation. Section VIII, regarding contracting for consulting and professional services, is reproduced in its entirety below.

SECTION VIII: CONTRACTING FOR CONSULTING AND PROFESSIONAL SERVICES

A. General

1. It is the policy of the South Coast AQMD to utilize the most highly qualified professional services to carry out the responsibilities of the South Coast AQMD.
2. Due to the nature of the work to be performed or the staffing level required, it may, from time to time, be necessary to utilize the services of outside contractors/consultants who are not employees of the South Coast AQMD.

B. Contracting Methods

1. Proposals subject to this Section shall be advertised pursuant to the provisions of Section VII unless the Executive Officer waives the bidding requirements of this Section based upon a written documentation justifying a sole-source award, as described below.
2. Except for contracts funded in whole or in part with federal funds, written justification for a sole-source award must be provided documenting that:
 - a. The cost of labor for preparation of the described documents exceeds the possible savings that could be derived from such detailed documents; or
 - b. Public health or property may be endangered by delay; or
 - c. The desired services are available from only the sole-source based upon one or more of the following reasons:
 - (1) The unique experience and capabilities of the proposed contractor or contractor team;
 - (2) The project involves the use of proprietary technology;
 - (3) The contractor has ownership of key assets required for project performance; or

- d. Other circumstances exist which in the determination of the Executive Officer require such waiver in the best interests of the South Coast AQMD. Such circumstances may include but are not limited to:
 - (1) Projects involving cost sharing by multiple sponsors
 - (2) Time extension of an existing contract;
 - (3) Projects involving a commitment to multiple project phases;
 - (4) Level-of-effort expert consultation services;
 - (5) Performance of South Coast AQMD work concurrent with local government official duties;
 - (6) Projects requiring compatibility with existing specialized equipment;
 - (7) Cooperative internship programs with accredited colleges and universities;
 - (8) Research and development efforts with educational institutions or nonprofit organizations.
- 3. For contracts funded in whole or in part with federal funds, written justification for sole-source award must be provided documenting that awarding a contract is infeasible under small purchase procedures, sealed bids or competitive proposals and that one of the following circumstances applies:
 - a. The item is available only from a single source;
 - b. The public exigency or emergency for the requirement will not permit a delay resulting from competitive solicitation;
 - c. The awarding Federal agency or pass-through entity expressly authorizes non-competitive proposals in response to a written request from the non-Federal entity; or
 - d. After solicitation of a number of sources, competition is determined inadequate.

C. Selecting the Appropriate Contracting Method

- 1. Prior to the letting of a contract for consulting or professional services, South Coast AQMD staff shall prepare the following, as applicable:
 - a. A written assessment of the objectives of the project or study in which previous work, if any, on the same subject shall be reviewed, including an assessment of current and future South Coast AQMD needs for the project and an estimate of the project cost;
 - b. A statement of work to be performed in carrying out the project or study;
 - c. A statement of the qualifications of persons necessary to perform the work including a description of experience, education, and training, and related work in general and specific fields; and

- d. An assessment of the resources needed to carry out the project or study including, facilities, laboratory, equipment, and computer hardware and software.
2. Based upon an evaluation of the documentation prepared pursuant to Paragraph C1 and any other information deemed necessary, the Executive Officer or his or her designee shall:
 - a. Evaluate the ability of South Coast AQMD staff to perform all or part of the work, taking into consideration South Coast AQMD staff resources and other work being performed by South Coast AQMD staff; or
 - b. If it is determined that all or part of the work should be done pursuant to a contract for professional consulting services, the Executive Officer shall determine if the services shall be procured on a sole-source basis in accordance with the criteria set forth in Paragraph B2 above or a competitive basis. On federally funded procurements, the requirements of Paragraph B3 above shall be applicable in accordance with 40 CFR 31.36 or applicable federal regulation. On contracts for budgeted consulting or professional services over \$100,000 or unbudgeted consulting or professional services over \$10,000, the Executive Officer shall recommend to the South Coast AQMD Board that a sole-source contract be awarded. If a sole-source contract is approved by the South Coast AQMD Board, it may designate who is authorized to execute the contract.
3. If it is determined that the services should be procured competitively, the South Coast AQMD staff member responsible for originating the requirement shall prepare an RFP using the most current version of the sample RFP contained on the South Coast AQMD computer network and prepare a Bidders Mailing List. At a minimum, the RFP should contain the following areas specifically tailored to the requirement:
 - a. Background/Schedule of Events
 - b. Section III of the South Coast AQMD Procurement Policy
 - c. Work Statement/Schedule of Deliverables
 - d. Required Qualifications
 - e. Proposal Submittal Requirements
 - f. Proposal Evaluation Criteria
 - g. Draft Contract
 - h. Certifications and Representations
4. All RFPs must be reviewed by the Manager of the Procurement Section prior to assignment of an RFP number by Procurement staff. RFPs for budgeted consulting or professional services over \$100,000 that deviate from approved South Coast AQMD RFP evaluation criteria and RFPs for unbudgeted consulting or professional services over \$10,000 must be approved by the South Coast AQMD Board prior to release. RFPs for budgeted consulting or professional services up to \$100,000 and unbudgeted consulting or professional services under \$10,000 that comply with South Coast AQMD RFP evaluation criteria shall be approved by the Executive Officer or his or her designee.

5. RFPs estimated to exceed \$25,000 will be advertised in accordance with the procedures set forth in Section VII. The Notice Inviting Proposals shall specify the services sought and the date by which proposals are required, which date shall be at least 30 days from the date and time the RFP is mailed. Waiver of the 30-day period may be approved by the Executive Officer.

D. Proposal Evaluation and Contract Award

1. Sole-source proposals or a competitive proposal which is the sole response to an RFP should be evaluated by the originator of the requirement to ensure that the proposal is technically acceptable and that the proposed amount is reasonable based on previous proposals for similar work, knowledge of the marketplace, and South Coast AQMD's independent cost estimate. Documentation regarding the reasonableness of the proposed cost must be included in the project file compiled by the originator. The Single/Sole-Source Procurement Request form approved by the Executive Officer, shall be included with the documentation supplied to the Contracts Unit as detailed in Section III.K.i.
2. Competitive proposals will be evaluated by a panel of three-to-five South Coast AQMD staff familiar with the subject matter of the project. The panel shall be appointed by the Executive Officer or his or her designee to evaluate the submitted proposals. In addition, the evaluation panel may include such outside public sector or academic community expertise as deemed desirable by the Executive Officer. The Executive Officer or his or her designee shall appoint a chairman from this group.

a. Evaluation of Proposals.

Each member of the evaluation panel shall be accorded equal weight in his or her rating of the proposals. The evaluation panel members shall evaluate the proposals according to specified criteria and shall assign a numerical score to each evaluation factor. Suggested guidelines for technical criteria and weightings are set forth below but may be modified by the RFP originator based upon the specific project requirements and approval by the responsible Deputy Executive Officer.

b. Sample Proposal Evaluation Criteria

(1)	Standardized Services	<u>Points</u>
	Understanding of Requirement	20
	Contractor Qualification	20
	Past Experience	10
	Cost	<u>50</u>
	TOTAL:	100
(2)	R&D Projects Requiring Technical or Scientific Expertise, or Special Projects Requiring Unique Knowledge or Abilities	

Understanding the Problem	20
Technical/Management Approach	20
Contractor Qualifications	20
Previous Experience on Similar Projects	10
Cost	<u>30</u>
TOTAL	100

(3) Additional Points

Small Business or Small Business Joint Venture	10
DVBE or DVBE Joint Venture	10
Benefits Incentive Business	10
Use of DVBE or Small Business Subcontractors	7
Zero or Near-Zero	
Emission Vehicle Business (for supply contracts)	5
Local Business (Non-Federal Funded Projects)	5
Off-Peak Hours Delivery Business	2
Most Favored Customer	2

To receive additional points in the evaluation process for the categories of Small Business or Small Business Joint Venture, DVBE or DVBE Joint Venture or Local Business (for non-federal funded projects), the proposer must submit a self-certification or certification from the State of California Office of Small Business Certification and Resources at the time of proposal submission certifying that the proposer meets the requirements set forth in Section III. To receive points for the use of DVBE and/or Small Business subcontractors, at least 25 percent of the total contract value must be subcontracted to DVBEs and/or Small Businesses. To receive points as a Zero or Near-Zero Emission Vehicle Business, the proposer must demonstrate to the Executive Officer, or designee, that supplies and materials delivered to the South Coast AQMD are delivered in vehicles that operate in accordance with the definition provided in Section III.B.7. To receive points as a Local Business, the proposer must affirm that it has an ongoing business within the South Coast AQMD at time of the bid/proposal submittal and that 90% of the work related to the contract will be performed within the South Coast AQMD. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points. Federally funded projects are not eligible for local business incentive points. To receive points as an Off-Peak Hours Delivery Business, the proposer must submit, at proposal submission, certification of its commitment to delivering supplies and materials to South Coast AQMD between the hours of 10:00 a.m. and 3:00 p.m. To receive points for Most Favored Customer status, the proposer must submit, at proposal submission, certification of its commitment to provide most favored customer status to the South Coast AQMD. To receive points as a Benefits Incentive Business, the proposer must provide, at a minimum, health insurance at one of the levels identified in Paragraph d below. Documentation showing proof of such insurance coverage must be submitted

with the proposal. The cumulative points awarded for Small Business, DVBE, use of Small Business or DVBE Subcontractors, Benefits Incentive Business, Local Business, Zero or Near-Zero Emission Vehicle Business and Off-Peak Hour Delivery Business shall not exceed 15 points. An additional 2 points can be awarded to those firms certifying Most Favored Customer pricing, for a total of 17 points possible.

- c. The Procurement Section will be responsible for monitoring compliance of suppliers awarded purchase orders based upon use of zero or near-zero emission vehicles or off-peak traffic hour delivery commitments through the use of vendor logs which will identify the contractor awarded the incentive. The purchase order shall incorporate terms which obligate the supplier to deliver materials in zero or near-zero emission vehicles or deliver during off-peak traffic hours. The Receiving department will monitor those qualified supplier deliveries to ensure compliance to the purchase order requirements. Suppliers in non-compliance will be subject to a two percent of total purchase order value penalty. The Procurement Manager will adjudicate any disputes regarding either zero or near-zero emission vehicle or off-peak hour deliveries.
- d. Benefits Incentive Businesses, in order to receive 10 additional points, must provide affordable health insurance to full-time employees, which are defined as employees who work 30 hours or more per week. Affordable health insurance is defined to mean meeting or exceeding the following minimum levels of coverage:

Employee Deductibles/Fees

PPO Plan Design

In-Network Deductible \$500 single

In-Network Out-of-Pocket Maximum \$2,500

Out-of-Network Co-pay 30%

Office Visit Co-pay \$20 per visit

Retail Drug Co-pay \$11 (generic)/\$24(premium)/\$44(nonformulary)

Mail Order Drug Co-pay \$14 (generic) /\$32 (premium)/\$57 (nonformulary)

Single Contribution 10% or less of premium

HMO Plan Design

Office Visit Co-pay \$20

Inpatient Hospitalization \$250 deductible

Emergency Room Co-pay \$50 per visit

Retail Drug Co-pay \$11 (generic)/\$24(premium)/\$44(nonformulary)

Mail Order Drug Co-pay \$14 (generic) /\$32 (premium)/\$57 (nonformulary)

Single Contribution 10% or less of premium

Documentation to prove insurance coverage may include quotes from health insurance providers or a copy of the most recent health insurance invoice, with an attached Plan Summary. Documentation must not include medical information, employee names, or any personal employee information. An officer of the bidding company must certify in writing that the health insurance information provided is true and accurate and that, if selected, the company will provide health insurance to its full-time employees for the duration of the contract term at the same levels shown above or better. The selected Contractor will be required to update the proof of health insurance on an annual basis and to provide a certified copy of payroll if requested.

- e. For procurement of standardized services, technical factors including past experience shall be weighted at 50 points and cost shall be weighted at 50 points. For procurement of Research and Development (R & D) projects or projects requiring technical or scientific expertise or special projects requiring unique knowledge and abilities, technical factors including past experience shall be weighted at 70 points and cost shall be weighted at 30 points, subject to other provisions of this policy. A proposal must receive at least 56 out of 70 points, or 80 percent of the possible technical points, as applicable, on R & D projects and projects for unique technical expertise in order to be deemed qualified for award.
- f. The responsible staff person shall prepare a summary of the proposal evaluations and a recommendation for the award to his or her responsible Deputy Executive Officer.
- g. The Executive Officer and/or Governing Board may award the contract to a proposer other than the proposer receiving the highest rating. In the event the Executive Officer and/or Governing Board determine that another proposer from among those technically qualified would provide the best value to the South Coast AQMD considering cost and technical factors, supporting rationale for such a determination must be provided. The determination shall be based solely on the Evaluation Criteria contained in the RFP, on evidence provided in the proposal and on any other evidence provided during the proposal review process. Evidence provided during the proposal review process is limited to clarification by the proposer of information presented in proposal.
- h. Contracts for budgeted consulting or professional services over \$100,000 and for unbudgeted consulting or professional services over \$10,000 must be approved by the South Coast AQMD Board. The Executive Officer may approve up to an additional \$100,000 in costs in each subsequent fiscal year. Contracts for budgeted consulting or professional services of \$100,000 or less and contracts for unbudgeted consulting or professional services of \$10,000 or less shall be approved by the Executive Officer and the Executive Officer may approve up to an additional \$100,000 in costs in each subsequent fiscal year. After approval by the Executive Officer or South Coast AQMD Board, the responsible staff person shall prepare a Contract Request Approval

Memorandum, Scope Statement, Work Statement, and Cost or Payment Schedule and forward these documents to the Contracts Unit.

- i. The Contracts Unit will prepare the contract and forward all documents to the responsible staff person for final approvals by the DEO, or ADEO as applicable, Manager of the Procurement Section, South Coast AQMD Counsel and the Executive Officer. If the contract is funded in whole or in part with federal funds, the contract shall incorporate the awarding federal agency's applicable contract provisions as specified in the awarding agency's regulations (e.g. 40 CFR Part 31.36(i) for EPA grants, and 10 CFR Part 600.148 for DOE grants).
- j. Once approved, the Executive Officer or his or her designee or the Chair of the South Coast AQMD Board, and the successful proposer's authorized official will execute the contract.

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BOARD MEETING DATE: December 3, 2021

AGENDA NO. 8B

PROPOSAL: Execute Contracts for Legislative Representation in Washington, D.C.

SYNOPSIS: In September 2021, the Board approved the release of an RFP to solicit proposals for legislative representation in Washington, D.C. The Administrative Committee will interview firms and make recommendations to the Board regarding a contract(s) for the agency's legislative representation. This action is to authorize the Chairman to execute contracts with Carmen Group for \$222,090; Cassidy & Associates for \$216,000; and Kadesh & Associates for \$226,392 for legislative consulting services in Washington, D.C. for one year beginning on January 15, 2022, with an option for up to two one-year renewals, upon satisfactory performance, at the Board's discretion.

COMMITTEE: Administrative, November 12, 2021; Recommended for Approval

RECOMMENDED ACTION:

Authorize the Chairman to execute contracts with Carmen Group for \$222,090; Cassidy & Associates for \$216,000; and Kadesh & Associates for \$226,392 for legislative consulting services in Washington, D.C. for one year beginning on January 15, 2022, with an option for up to two one-year renewals, upon satisfactory performance, at the Board's discretion.

Wayne Nastri
Executive Officer

DJA:LTO:RAR:AR

Background

The current contracts for legislative representation in Washington, D.C. expire on January 15, 2022. Following Board approval on September 3, 2021, staff released RFP #P2022-01 to solicit proposals for legislative representation in Washington, D.C.

As one of the largest air quality regulatory agencies in the United States and a leader in air quality innovations, South Coast AQMD is an important contributor to national policymaking discussions relevant to air quality related issues. Representation in Washington, D.C. ensures that the agency's input and policy priorities are conveyed in a timely and effective manner during the federal legislative and policy-setting process.

It is critical that South Coast AQMD be involved in policy development relating to federal air quality legislation, federal Clean Air Act implementation, subvention funding, special grants, and that all these issues and any other related matters are closely monitored. Therefore, staff recommends continued direct representation and advocacy of South Coast AQMD's policy positions on environmental issues in Washington, D.C.

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 Sun, the Riverside County Press Enterprise, and The Hill newspapers to leverage the most cost-effective method of outreach to qualified firms providing federal legislative representation services.

Additionally, to notify as many potential bidders as possible, approximately 20 RFP notification letters were emailed to lobbying and public affairs firms in the Washington, D.C. area. Notice of the RFP was also emailed to 13 state and federal legislative caucuses and diverse chambers of commerce and business associations and placed on the internet at South Coast AQMD's website (<http://www.aqmd.gov>) where it can be viewed by making the selection "Grants & Bids."

Bid Evaluation

Five proposals were received in response to the RFP. The proposals were evaluated and scored by a three-member evaluation panel (see Panel Composition section). All five proposals were considered technically qualified and forwarded to the Administrative Committee for consideration. The attached matrix presents the scores and total proposal costs for the firms interviewed by the Administrative Committee.

Panel Composition

The evaluation panel consisted of one South Coast AQMD Assistant Deputy Executive Officer, one South Coast AQMD Public Affairs Manager, and the Director of Legislative and Public Affairs from San Bernardino County Transportation Authority. Of the three panelists, one is Asian American, one is Hispanic, and one is African American; one is female and two are male.

Committee Recommendations

After interviewing the five firms, and reviewing written materials submitted as part of the proposals, the Administrative Committee recommends to the Board the selection of the following firms: Carmen Group for \$222,090; Cassidy & Associates for \$216,000; and Kadesh & Associates for \$226,392. The committee opted not to interview one firm based on their proposal.

Resource Impacts

The funding for the first year is available in the Legislative & Public Affairs FY 2021-22 Budget. Funding for the two optional one-year extensions is contingent upon Board approval for the respective fiscal years.

RFP #P2122-01 Scores and Costs Matrix

Firm	Technical Score	Cost Score	Additional Points	Total Score	Cost
Carmen Group	66	25.5	12	103.5	\$222,090
Cassidy & Associates	66	26.5	0	92.5	\$216,000
Kadesh & Associates	69	24.8	10	103.8	\$226,392
DWG&P	56	0	0	56	\$408,000
The Monares Group	56	30	0	86	\$193,200

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BOARD MEETING DATE: December 3, 2021

AGENDA NO. 9

PROPOSAL: Amend FY 2021-22 Budget to Address Operational Needs by Adding a Partially Funded Position for Succession Planning Purposes

SYNOPSIS: This item is to amend the FY 2021-22 Budget to add a partially funded Designated Deputy position to the Executive Office budget in order to address succession planning needs. Specifically, this item is to add a Designated Deputy position, equivalent to the Chief Operating Officer, but budgeted as 0.25 FTE. This position will be utilized to allow two employees to hold the same position during a limited transition period. Funding for the budget amendment is available in the FY 2021-22 Budget.

COMMITTEE: No Committee Review

RECOMMENDED ACTIONS:

Amend the FY 2021-22 Budget to add a partially funded Designated Deputy Position, equivalent to the Chief Operating Officer position, to the Executive Office, resulting in the addition of a 0.25 FTE authorized/funded position.

Wayne Natri
Executive Officer

AJO:mm

Background

Under the direction of the Executive Officer and the Chief Operating Officer, each division continually reviews and assesses staffing resources and functionality to determine whether changes should be made to increase efficiency and effectiveness of South Coast AQMD programs. The annual budget reflects staffing allocations and an amendment is being proposed to address operational needs.

As part of the organizational development process, South Coast AQMD's succession plan calls for the periodic evaluation of long-term staffing needs in relation to available knowledge, skills and experience of current staff. Based on this evaluation, measures can be implemented to address future needs, such as training, job assignments and other development activities. Succession planning may also include identifying management and executive management positions where an overlap of tenures for the new person and the outgoing incumbent would be beneficial to the agency.

Proposal

Staff is recommending a change to the position allocation in the FY 2021-22 Budget by adding a partially funded Designated Deputy position, equivalent to the Chief Operating Officer position, to the Executive Office. The allocation of a 0.25 FTE would allow for two employees to hold the same position for up to three months. This structure would allow for flexibility in staffing decisions because this partially funded FTE could be used for any position with a salary equal to or lesser than the Chief Operating Officer designation. When deemed appropriate by the Executive Officer, this arrangement would provide the opportunity to prepare a transition plan to ensure any affected departments and programs will maintain consistent guidance and supervision.

Resource Impacts

Funding for the cost of adding a 0.25 FTE Designated Deputy position at the Chief Operating Officer salary level is available in the FY 2021-22 Budget.

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 10

PROPOSAL: Approve Modification of Program and Approve Award as Approved by MSRC

SYNOPSIS: The MSRC previously released an RFP to solicit technical advisor services. The MSRC unanimously awarded the contract to Raymond Gorski as part of their FYs 2021-24 AB 2766 Discretionary Fund Work Program. Additionally, as part of their FYs 2018-21 Work Program, the MSRC approved a modification to their Voucher Incentive Program Plus Up Program partnership with South Coast AQMD for near-zero trucks. At this time, the MSRC seeks Board approval of the contract award and program modification.

COMMITTEE: Mobile Source Air Pollution Reduction Review, November 18, 2021; Recommended for Approval

RECOMMENDED ACTIONS:

1. Approve contract award totaling \$385,700 to Raymond Gorski for technical advisor services for a 24-month term beginning January 1, 2022 and ending December 31, 2023, as described in this letter and as follows:
 - a. 75 percent of the contract amount, or \$289,275, to be part of the FYs 2021-24 Work Program;
 - b. 25 percent of the contract amount, or \$96,425, divided proportionally between the FYs 2021-22, 2022-23, and 2023-24 Administrative Budgets (\$24,106 from the FY 2021-22 Budget, \$48,213 from the FY 2022-23 Budget, and \$24,106 from the FY 2023-24 Budget); and
 - c. Authorize the MSRC the authority to incorporate and exercise an option clause in the contract with Raymond Gorski for an additional two-year term for services from January 1, 2024 to December 31, 2025, subject to funding approval by the MSRC and South Coast AQMD Board at a later date;
2. Authorize MSRC to adjust the contract award listed above up to five percent, as necessary and previously granted in prior work programs;
3. Authorize the Chair of the Board to execute the new contract under the FYs 2021-24 Work Program, as described above and in this letter; and
4. Approve extending date for application acceptance under Voucher Incentive Program (VIP) Plus Up to August 31, 2022, as well as extending the deadline for

delivery of the replacement vehicle to December 31, 2023, as part of approval of the FYs 2018-21 Work Program, as described in this letter.

Larry McCallon
Chair, MSRC

MMM: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 the 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 November 18, 2021 meeting, the MSRC considered recommendations from its MSRC Technical Advisory Committee (MSRC-TAC) and approved the following:

Voucher Incentive Program (VIP) Plus Up Incentive Program

South Coast AQMD implements the VIP to encourage the replacement of older, higher-polluting vehicles with newer, lower-emission vehicles which meet the 0.20 g/bhp-hr NO_x standard. The program features a rapid response time and is limited to small fleets of 10 or fewer vehicles. In April 2020, the MSRC approved an allocation of \$5,000,000 as part of the FYs 2018-21 Work Program to partner with South Coast AQMD to offer an increased incentive to fleets procuring technologies certified at 0.02 g/bhp-hr NO_x or cleaner. Maximum incentive amounts inclusive of the original vouchers were \$60,000 for Class 5 vehicles, \$80,000 for Class 6 vehicles, and \$100,000 for Class 7 and 8 vehicles. In March 2021, the MSRC approved increasing the maximum incentive amount for Class 8 vehicles to \$125,000 and reallocating \$2,500,000 from the VIP Plus Up to the unallocated AB 2766 Discretionary Fund balance, leaving \$2,500,000 allocated to the Program.

Due to the COVID-19 pandemic, the lead times for manufacture and delivery of the lower-emitting trucks have substantially increased. The MSRC had previously established a sunset date of December 31, 2021 for their participation. Additionally, under the funding source South Coast AQMD had been using since Program inception, fleets were being required to scrap their existing trucks by the end of 2021 and receive their new low NO_x or cleaner truck by June 30, 2022. South Coast AQMD has recently allocated funding from their Clean Fuels Program Fund that is not bound by the same

deadlines. In order to assist small fleets and continue to provide them incentives to achieve additional emission reductions, the MSRC approved extending the date for application acceptance under the VIP Plus Up Program partnership to August 31, 2022, as well as extending the deadline for delivery of the replacement vehicle to December 31, 2023. There would be no change to the MSRC's funding contributions on a per-vehicle level.

Technical Advisor Services

The MSRC retains an independent contractor to provide technical assistance in support of the Work Program. In September 2021, the MSRC released an RFP for technical advisor services. The RFP established the following scoring criteria: Technical Qualifications/Experience; Technical Approach; Proposed Cost; and Past Performance. One proposal was received by the closing date of October 14, 2021. The proposal was evaluated by a panel of members of the MSRC-TAC. The MSRC awarded a contract to Raymond Gorski for a 24-month term beginning January 1, 2022 and ending December 31, 2023. The contract will also include an option clause to be exercised at the MSRC's discretion, for a subsequent two-year term, subject to funding approval by the MSRC and South Coast AQMD Board at a later date. Funding specifics for the first 24-month term are as follows:

- a. 75 percent of the contract amount, or \$289,275, to be part of the FYs 2021-24 Work Program; and
- b. 25 percent of the contract amount, or \$96,425, divided proportionally between the FYs 2021-22, 2022-23, and 2023-24 Administrative Budgets (\$24,106 from the FY 2021-22 Budget, \$48,213 from the FY 2022-23 Budget, and \$24,106 from the FY 2023-24 Budget).

Outreach

South Coast AQMD has been successfully implementing VIP for many years. The modifications to the VIP Plus Up would be promoted in collaboration with existing outreach efforts. Information would be placed on the South Coast AQMD and MSRC websites along with information distributed to the approved VIP Dealers who are the frontline points of contact to interested program participants.

In accordance with South Coast AQMD's Procurement Policy and Procedure, public notices advertising the Technical Advisor Services RFP were published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County's Press Enterprise to leverage the most cost-effective method of outreach to the South Coast Basin. In addition, the RFP was advertised in the Desert Sun newspaper for expanded outreach in the Coachella Valley.

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

Further, the RFPs were posted on the MSRC's website at <http://www.cleantransportationfunding.org> and electronic notifications were sent to those subscribing to this website's notification service.

At this time, the MSRC requests the South Coast AQMD Board approve the contract award and program modifications as part of approval of the FYs 2018-21 and 2021-24 AB 2766 Discretionary Fund Work Programs as outlined above. The MSRC also requests the Board authorize the South Coast AQMD Board Chair to execute all agreements described in this letter. The MSRC further requests authority to adjust the funds allocated to each project specified in this Board letter by up to five percent of the project's recommended funding. The Board has granted this authority to the MSRC for all past Work Programs.

Resource Impacts

The 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 the contracts specified herein will be drawn from this fund.

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 11

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 Cal. Gov't 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 Natri
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 members of 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 Cal. Gov't 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 Cal. Gov't Code Section 54953(e)(3).

Resource Impacts

No fiscal impact.

Attachment

Resolution

RESOLUTION 21 - _____

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 GOVERNER 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 DECEMBER 3,**
9 **2021 THROUGH JANUARY 2, 2022 PURSUANT TO PROVISIONS OF THE BROWN ACT.**

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

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

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

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

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

RESOLUTION 21 - _____

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 September 28, 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 Delta Variant of COVID-19 poses a continued risk to the health and
16 safety of members of the South Coast AQMD legislative bodies, South Coast AQMD staff, as well as to
17 any members of the general public who attend such meetings in that unvaccinated or partially vaccinated
18 persons are at high risk of contracting this variant and even fully vaccinated persons can contract and
19 potentially unknowingly spread the variant; 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

RESOLUTION 21 - _____

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 Delta Variant of COVID-19 poses an imminent risk to
8 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 January 2, 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

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BOARD MEETING DATE: December 3, 2021

AGENDA NO. 12

REPORT: Legislative, Public Affairs and Media Report

SYNOPSIS: This report highlights the October 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 Natri
Executive Officer

LTO:PC:AL:DM:lam:bl

BACKGROUND

This report summarizes the activities of the Legislative, Public Affairs and Media Office for October. 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 engage in holding and sponsoring 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.

7th Annual Environmental Justice Conference

South Coast AQMD held its 7th Annual EJ Conference, “The Fight for Clean Air, Yesterday, Today, Tomorrow.” Approximately 805 people joined either in-person at the Ontario Convention Center or virtually. Attendees included environmental justice activists, community advocates and organizations, health professionals, academic researchers, government officials, and high school students. Emcee Lou Calanche, Founder and Executive Director of Legacy LA engaged participants with her energy and passion for environmental justice. Vice Chair Vanessa Delgado delivered opening remarks and introduced the fireside chat with Chair Ben Benoit and former California Governor Arnold Schwarzenegger. The interview set the program in motion with remarks on the need to reduce pollution to address public health and climate issues. There was a robust discussion on the need for the federal government to address mobile sources and provide South Coast AQMD resources to clean the air. The conference included breakout sessions for discussions on: Surviving the Pandemic Through Community Engagement, Environmental ARTivism, and Clean Air Heroes on the Move. Another highlight was CBS2’s Pat Harvey who moderated a discussion with Assembly Majority Leader Eloise Gomez-Reyes, Assembly Member Isaac Bryan, and Vice Mayor Richardson. The panel discussion focused on local and state efforts to address mobile sources, the South Coast AQMD warehouse ISR, the importance of community participation in the policy-making process and how the media can play a role by providing local news to communities.

COMMUNITY EVENTS/PUBLIC MEETINGS

Each year, staff engage with thousands of residents and stakeholders, providing valuable information about the agency, incentive programs, and ways individuals can help reduce air pollution through events and meetings sponsored solely by South Coast AQMD or in partnership with others. 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 October events and meetings:

Pick-n-Treat Clean Air Day

On October 2, staff participated in person at the Pick-n-Treat Clean Air Day hosted by Long Beach's Neighborhood Leadership Program Ambassadors. Information on South Coast AQMD, air quality, how to file an air quality complaint and residential incentive programs was provided to event attendees as well as items branded with 1-800-CUT-SMOG®.

Los Angeles County Department of Public Health Meeting

Staff participated in a virtual agency and stakeholder meeting regarding AllenCo Energy in University Park on October 6. Staff provided updates on monthly compliance activities including surveillance conducted with a toxic vapor analyzer and thermal imaging camera. Neither device detected elevated readings. Staff also reported that no complaints had been received related to AllenCo Energy since the last meeting on September 1.

Riverside Transit Agency (RTA) Transportation NOW

Staff participated in the virtual RTA Transportation NOW, San Geronio meeting on October 7. Staff shared an update on the AQ-SPEC Educational Toolkit on air quality sensors and other information.

South Pasadena Chamber of Commerce

Staff participated in the South Pasadena Chamber of Commerce virtual Legislative Committee meeting on October 13. Updates were provided on the EJ Conference, AQ-SPEC Toolkit air quality sensors, and an upcoming Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program webinar.

San Fernando Valley Council of Governments

On October 21, staff participated in a virtual meeting to provide updates on vehicle incentives, the EJ Conference, Check Before You Burn and WAIRE program.

San Gabriel Valley Council of Governments Environment & Natural Resources Committee

On October 20, staff participated in a virtual meeting to report the start of Check Before You Burn and information on the request for proposals on the Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program.

ENVIRONMENTAL JUSTICE UPDATE

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

Pacoima Community Initiative

On October 1, staff participated in the Pacoima Community Initiative’s monthly virtual meeting. Updates included how to sign-up for the Clean Air Program for Elementary Students program and other community events and projects.

San Bernardino Valley College

Staff partnered with San Bernardino Valley College to host a hybrid meeting for 36 students on October 6. Discussion focused on air quality and EJ issues including the AB 617 program and air monitoring in San Bernardino County. Staff shared their academic and professional experiences and discussed career pathways. The meeting concluded with a question-and-answer session.

Communities, Climate Change, and Health Equity

On October 12 and 14, staff participated in a two-day virtual workshop hosted by Environmental Health Matters Initiative. The workshop brought people together to discuss the disproportionate impacts that climate change has on communities experiencing health disparities and environmental injustices.

Environmental Law Institute

Staff attended a webinar “Achieving Environmental Justice: Lessons from Communities, Companies, and Government” on October 19. Experts from communities, companies and government came together to share their lessons learned on environmental justice issues.

Southern California Association of Governments (SCAG)

On October 19, staff attended SCAG’s “Toolbox Tuesday” training webinar. Speakers discussed case studies involving inland, rural, and underserved communities, relationship building, supporting trust, and community engagement.

Environmental Justice Advisory Group (EJAG)

Staff hosted the quarterly EJAG meeting virtually on October 22. Presentations focused on school air filtration projects and the Environmental Justice Community Partnership. Members shared information on environmental issues and projects in their communities.

AB 617 UPDATE

The following are key AB 617 related activities in which staff participated during October. 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).

AB 617 Community Identification Meeting

Approximately 60 people participated in an AB 617 Community Identification meeting on October 6. Staff provided an overview of South Coast AQMD and the AB 617

program, and staff's recommendation to defer additional community selection to 2022. Staff provided an overview of the Environmental Justice Story Map, including basic usage, navigation, and highlights of featured information. Members of the public asked about the 2021 Environmental Justice conference, potential new communities and funding sources for existing education and outreach programs.

South Los Angeles (South LA) Community Steering Committee Meeting

On October 7, approximately 35 people participated in a meeting. Staff provided an overview of the emissions inventory and facilities categorized under the general industrial air quality priority. Breakout discussions were used to identify air quality concerns related to general industrial facilities that may be addressed through the Community Emissions Reduction Plan (CERP) and Community Air Monitoring Plan. Committee members expressed concern with emission sources close to sensitive receptors (e.g., facilities, gas stations, diesel mobile sources), unpermitted small businesses, recycling centers, construction sites, automobile repair shops, and the accuracy of facility self-reported emissions. They also requested increased outreach and education, community health impact studies and monitoring efforts.

Regionwide Community Steering Committee Meeting

Approximately 65 people participated in a meeting for all six South Coast AQMD AB 617 designated communities on October 20. Discussion focused on the reason for the program pause and heard suggestions for building trust with the community. Committee members suggested creating an online forum for committee members from the different communities to share ideas, enhance discussions, and increase participation. Committee members also commented on increasing participation from other agencies to help with CERP implementation.

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. There were no Speakers Bureau/Visitor Service in October.

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 October:

Calls to South Coast AQMD’s Main Line and 1-800-CUT-SMOG®	4,399
Calls to South Coast AQMD’s Spanish-language Line	116
Total Calls	4,515

PUBLIC INFORMATION CENTER STATISTICS

The Public Information Center (PIC) handles phone calls for general information. The PIC did not take walk-in requests in October 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 October is summarized below:

Calls Received by PIC	9
Calls to Automated System	572
Total Calls	581

Email Advisories Sent	79,255
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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 October.

- Provided permit application assistance to 178 companies; and
- Processed 72 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 October reports are listed below:

Major Media Interactions	104
Press Releases	11
News Carousel	4

Major Media Topics:

- **Air Pollution and Health Effects:** A written response was provided to the USC reporter, closing a September inquiry regarding air pollution and health effects in South Los Angeles.
- **Landfills:** Written responses were provided to RMI regarding Landfill Best Practices.
- **Diesel Pollution:** Staff participated in an interview with Environmental Health News on diesel pollution inequality and satellite air monitoring.
- **Low-Cost Sensors:** The San Francisco Chronicle requested an interview regarding the use of PurpleAir sensors. Reporter to follow up.
- **Windblown Dust:** Staff participated in an interview with USC Annenberg on recent heavy winds and air quality impacts.
- **Ports Backlog:** Written responses were provided to The Takeaway regarding increased air pollution due to 24/7 operations. E&E News, Spectrum News, and KNX-AM Radio requested information regarding potential environmental and air quality impacts of ports remaining open 24/7.
- **AES Power Plant:** The Daily Breeze requested emissions data for the AES power plant in Redondo Beach. The reporter was referred to the FIND information system and provided a link to AES data.
- **Oil and Gas Wells:** The LA Times inquired about current air quality monitoring regulations for existing oil and gas wells. A written response was sent.
- **All American Asphalt:** Spectrum News requested information regarding the All American Asphalt site, complaint information and monitoring results. Written responses were provided.
- **Odors:** Staff participated in an interview with Associated Press on the challenges of reducing odors from industrial facilities, and how regulations approved in 2017 have affected odors in Vernon.
- **Flaring:** Red Canary Magazine requested information regarding flaring and monitoring techniques of refinery flare incidents. Staff is working on responses.
- **Inland Empire Air Quality:** The Center for Health Reporting inquired about air quality issues in San Bernardino and Riverside counties, especially regarding children's health.

- **Check Before You Burn (CBYB) Season Start:** Pitches were sent to local news outlets announcing the start of the Check Before You Burn season resulting in coverage in all local TV and radio outlets as well as online papers. Staff participated in interviews with KNX and KPCC's Morning Edition.
- **Windblown Dust Advisory:** Pitches were sent to local news outlets for the October 10, 2021 windblown dust advisory and the October 12, 2021 update to the advisory, resulting in coverage from television, radio and both online and print outlets.
- **Smoke Advisory:** Pitches were sent to local news outlets for the smoke advisory due to the Alisal Fire, resulting in coverage from television, radio and online and print outlets.

Special Topics:

Orange County Oil Spill

- The Media office staff has been integrated into the Joint Information Center (JIC) as part of the Unified Command which acts as the centralized media and public contact for the incident. Inquiries were received from Voice of OC, Associated Press and Spectrum News. Responses were provided and reporters were referred to the JIC for further response information. Associated Press submitted a public records request and the request is in progress.

Carson Odors

- Staff participated in a press conference regarding the odors in odors in Carson and neighboring areas. KPCC, KNX, the Daily Breeze, the LA Times, and Spectrum News participated. KPCC and City News Service submitted follow-up questions after the press conference, and written responses were sent. Staff participated in a Carson City Council meeting on October 25, 2021, and town hall meetings on October 22 and 27, 2021 regarding developments on the odor situation.
- A joint press release was issued from Unified Command with an update on the ongoing response:
<https://content.govdelivery.com/accounts/CALACOUNTY/bulletins/2f81902>.
- Staff participated in an interview with LA Times and Spectrum News on the Carson odors. Univision requested an interview with a Spanish speaker. Univision was referred to the Los Angeles Department of Public Health. KPCC, FOX 11 News, City News Service, LA Times, NBC, CBS, Spectrum News and Univision inquired about hydrogen sulfide and odors in Carson. Written responses were provided.
- KTLA requested an update regarding the Carson odor situation. Telemundo requested information on air monitoring operations relating to the Carson odors. Reporters were referred to the new Dominguez Channel web page on the South Coast AQMD website.

News Releases:

- **South Coast AQMD Issues Windblown Dust Advisory for Portions of the Eastern South Coast Air Basin and the Coachella Valley—October 10, 2021 (English and Spanish):** Informed residents about the windblown dust advisory.
- **South Coast AQMD Updates Windblown Dust Advisory for Portions of the South Coast Air Basin and the Coachella Valley—October 12, 2021 (English and Spanish):** Informed residents about the windblown dust advisory.
- **South Coast AQMD Issues Advisory Due to Smoke from Alisal Fire near Santa Barbara – October 13, 2021 (English and Spanish):** Informed residents of the smoke conditions due to the Alisal Fire.
- **Check Before You Burn to Improve Air Quality in the Cooler Months Ahead – October 29, 2021 (English and Spanish):** Informed residents of the upcoming Check Before You Burn season, starting November 1.

Social Media Notable posts:

- **AQ Forecast (10/2):** 8,326 Twitter Impressions
- **Carson Odor Update (10/7):** 19,102 Twitter Impressions
- **Dust Advisory (10/11):** 60,475 Twitter Impressions
- **Alisal Fire Advisory (10/13):** 22,498 Twitter Impressions
- **AQ Forecast (10/17):** 7,441 Twitter Impressions
- **EJ Conf: Schwarzenegger Intro (10/27):** 64,222 Twitter Impressions
- **EJ Conf: Schwarzenegger Quote (10/27):** 59,141 Twitter Impressions

News Carousel:

- **South Coast AQMD is a Proud Sponsor of California Clean Air Day on October 6 – October 5, 2021:** Provided a link to the California Clean Air Day webpage.
- **Receive up to \$9,500 to replace your older, high-polluting vehicle, or vouchers for car-sharing or public transit – October 20, 2021:** Provided a link to the Replace Your Ride program page.
- **VW money available statewide for Combustion Freight and Marine Projects – October 27, 2021:** Provided a link to the VW Mitigation Funds program page.
- **Keep up with the Latest News from South Coast AQMD – October 29, 2021:** Provided a link to the latest edition of the Advisor.

The October/November/December edition of the Advisor was published and distributed to subscribers on October 7.

Board Member newsletters for Board Members Rodriguez and Cacciotti were distributed October 14.

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

Outreach was conducted in-person and virtually in October utilizing web-based and other technologies to communicate with elected officials or staff from the following cities:

Alhambra	Glendora	Pomona
Arcadia	Hermosa Beach	Rancho Cucamonga
Avalon	Huntington Beach	Riverside
Azusa	Industry	Rosemead
Baldwin Park	Irvine	San Bernardino
Banning	Irwindale	San Dimas
Bradbury	La Cañada Flintridge	San Fernando
Burbank	La Puente	San Gabriel
Carson	La Quinta	San Marino
Claremont	La Verne	Santa Clarita
Colton	Long Beach	Sierra Madre
Covina	Los Angeles	South El Monte
Cudahy	Menifee	South Gate
Diamond Bar	Monrovia	South Pasadena
Duarte	Monterey Park	Temple City
El Monte	Moreno Valley	Walnut
Fontana	Ontario	West Covina
Glendale	Pasadena	

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

- U.S. Senator Alex Padilla
- Assembly Member Chris Holden
- Assembly Member Lisa Calderon
- Representative Adam Schiff
- Representative Grace Napolitano
- Representative Judy Chu
- Senator Bob Archuleta
- Senator Anthony Portantino
- Senator Susan Rubio
- Assembly Member Isaac Bryan
- Assembly Majority Leader Eloise Gomez Reyes

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

Black Chamber of Orange County
Burbank Chamber of Commerce
Burbank-Glendale-Pasadena Airport Authority
California Fuel Cell Partnership
California High Speed Rail
CARB

Costa Mesa Chamber of Commerce
Department of Toxic Substances Control
Federal Emergency Management Agency, Resilient Nation Partnership Network
Foothill Gold Line Construction Authority
Foothill Transit
Gateway Cities Council of Governments
Glendale Chamber of Commerce
Harbor Association of Industry and Commerce
Imperial Irrigation District
Industry Business Council, Los Angeles
Inland Action
Inland Valley Development Agency
Irwindale Chamber of Commerce
Las Virgenes-Malibu Council of Governments
Los Angeles County Board of Supervisors
League of California Cities, Los Angeles Division
Los Angeles County Fire Department
Los Angeles Regional Water Quality Control Board
March Joint Powers Authority
Metro
Metrolink
Metropolitan Water District of Southern California
Mountain Transit Board
National Park Service
Omnitrans
Orange County Business Council
Orange County Council of Governments
Regional Chamber of Commerce, San Gabriel Valley
Riverside Transit Agency
San Bernardino County Board of Supervisors
San Bernardino County Transportation Authority
San Bernardino International Airport Authority
San Fernando Valley Chamber of Commerce
San Fernando Valley Council of Governments
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy
San Gabriel Valley Council of Governments
San Gabriel Valley Economic Partnership
San Gabriel Valley Mosquito & Vector Control District
Santa Clarita Valley Chamber of Commerce
Southern California Association of Governments
Upper San Gabriel Valley Municipal Water District

Valley Industry and Commerce Association
Western Riverside Council of Governments

In October, 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 Islander Forward Movement
California State University, San Bernardino
Center for Asian Americans United for Self-Empowerment
Clean Air Coalition of North Whittier and Avocado Heights
Clean Healthy Air, Clean Healthy Altadena
Ground Truthing California, Whittier College
Habitat for Humanity
Hacienda Heights Improvement Association
Healthy Fontana
Historical Society of Long Beach
League of Women Voters
Move LA
Mujeres de la Tierra
Nature for All
North Whittier Neighborhood Watch Avocado Heights Association
Pacoima Community Initiative
Pasadena City College
Pasadena Forward
Pomona College
San Bernardino Valley College
San Gabriel Mountains Community Collaborative
San Gabriel Valley Conservation Corps
Sierra Club, Pasadena
Taking Responsibility and Control 91746, La Puente
The Energy Coalition
The Trust for Public Land

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BOARD MEETING DATE: December 3, 2021

AGENDA NO. 13

REPORT: Hearing Board Report

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

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Cynthia Verdugo-Peralta
Hearing Board Chair

ft

The following summaries are attached: **October 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 October 1 to October 31, 2021.

Report of October 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. Air Liquide Large Industries U.S., LP Case No. 5705-10 (No Appearance; Consent Calendar)	203(b) 2004(f)(1) 3002(c)(1)	Additional time is needed for installation of the replacement unit.	Not Opposed/Granted	MFCD/EXT granted commencing 10/19/21 and continuing through 2/15/22.	None
2. South Coast AQMD vs. HM Collision Center Inc. Case No. 6216-1 (J. Lee)	109(c)(1) 203(a)	Respondent is operating spray paint equipment without a valid permit to operate and failing to maintain paint usage records.	Not Stipulated/Issued	O/A issued commencing 10/27/21; the Hearing Board shall retain jurisdiction over this matter until 10/27/22.	N/A
3. South Coast AQMD vs. Chiquita Canyon Landfill, LLC Case No. 6177-1 (K. Roberts & M. Reichert)	402 H&S Code §41700	Respondent was issued two NOVs for nuisance violations, requiring the parties to appear for a Status Report/Mod. O/A, in accordance with the terms of the Order.	Stipulated/Issued	Mod. O/A issued commencing 10/5/21; the Hearing Board shall retain jurisdiction over this matter until 11/15/22.	N/A
4. South Coast AQMD vs. Mission Foods Case No. 5400-4 (K. Manwaring)	202(c) 203(b) 1147 1153.1	As a result of the South Coast AQMD's denial of an alternate testing protocol for its Rancho Cucamonga facility, Respondent needs additional time to evaluate its options and choose a path forward.	Stipulated/Issued	Mod. O/A issued commencing 10/21/21; the Hearing Board shall retain jurisdiction over this matter until 6/30/22.	N/A
5. South Coast AQMD vs. Ralphs Grocery Company Case No. 6166-1 (No Appearance; Consent Calendar)	2004(f)(1)	SCE granted Respondent final approval to operate its generator, thereby completing all requirements set forth in the existing Order.	Stipulated/No Action	No action required by the Board. The existing Order expired on 11/30/21.	N/A

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
6. The Termo Company Case No. 3014-19 (S. Pruitt)	203(b) 463(c) 1148.1(d)(8) 1173(d)(1)(B) 2004(f)(1) 3002(c)(1)	SoCalGas provided petitioner with only three-days' notice of maintenance work at Aliso Canyon, resulting in the vapor recovery system being out of service at petitioner's Aliso Canyon and Oat Mountain facilities.	Not Opposed/Granted	Ex Part EV granted commencing 10/5/21 and continuing through 10/12/21.	VOC: <1.0 lb/day
7. US Govt, Veterans Affairs Medical Center Case No. 4280-4 (Daphne Hsu)	203(b) 1146 3002(c)(1)	During slip/source testing, petitioner discovered that the ammonia system had unexpectedly failed, resulting in reduced ammonia flow, which is required to control NOx emissions for three critical boilers.	Not Opposed/Granted	EX Parte EV granted commencing 10/27/21 and continuing through 11/25/21, or until final compliance is achieved, whichever comes first.	NOx: 19.78 lbs/day

Acronyms

Ex Parte EV: Emergency Variance

H&S Code: Health and Safety Code

MFCD/EXT: Modification of a Final Compliance Date
and Extension of a Variance

Mod. O/A: Modification Order for Abatement

O/A: Order for Abatement

N/A: Not Applicable

NOV: Notice of Violation

NOx: Oxides of Nitrogen

SCE: Southern California Edison

VOC: Volatile Organic Compound

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
203(a)							1			1			2
203(b)	2	3	2	5	2	3	5	4	1	4			31
401(b)(1)								1					1
402								1		1			2
403(d)(1)(A)							1		1				2
403(d)(2)							1		1				2
403(d)(4)							1		1				2
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
1133(d)(2)							1						1
1133.1(d)(3)							1		1				2
1133.1(d)(4)							1		1				2
1133.1(e)(1)							1						1
1146										1			1
1146(c)(1)(I)			1										1

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
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
2004(f)(1)		3	2	2	2		4	2	1	3			19
3002(c)(1)	1	3	1	3	2		3	2	1	3			19
H&S Code 41700										1			1

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

REGULATION II – PERMITS

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

REGULATION IV – PROHIBITIONS

- Rule 401 Visible Emissions
- Rule 402 Nuisance
- Rule 403 Fugitive Dust
- 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 Schedule for 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

REGULATION XX – REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

- Rule 2004 Requirements

REGULATION XXX – TITLE V PERMITS

- Rule 3002 Requirements

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BOARD MEETING DATE: December 3, 2021

AGENDA NO. 14

REPORT: Civil Filings and Civil Penalties Report

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

COMMITTEE: Stationary Source, November 19, 2021, Reviewed

RECOMMENDED ACTION:
Receive and file.

Bayron T. Gilchrist
General Counsel

BTG:ew

<u>Civil Filings</u>	<u>Violations</u>
1. Ed Hassan Albadry; AID Builders, Inc. Los Angeles Superior Court – Pomona Courthouse Case No. 21PSCV00879; Filed 10.27.21 (EC) P65049 R. 1403 - Asbestos Emissions from Demolition/Renovation Activities	1
2. Jose De Jesus Chagoya dba USA Collision Center San Bernardino Superior Court – Small Claims Case No. SCVA2103233; Filed 10.29.21 (GV) P68258 and P68708 R. 203 - Permit to Operate R. 1151 - Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations	2
	3 Violations

Attachments

October 2021 Penalty Report

Index of South Coast AQMD Rules and Regulations

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

Settlement Penalty Report (10/01/2021 - 10/31/2021)

Total Penalties

Civil Settlement: \$121,043.80
Criminal Referral Settlement: \$19,477.69
MSPAP Settlement: \$4,589.00
Hearing Board Settlement: \$10,000.00

Total Cash Settlements: \$155,110.49

Fiscal Year through 10/31/2021 Cash Total: \$999,388.99

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
124789	ADAN GARCIA FURNITURE REFINISHING	109, 203(a)	10/12/2021	DH	P63773, P69659	\$3,500.00
188467	AMERICAN RETROFITTEES CORP.	1403	10/05/2021	WW	P66472	\$3,600.00
138568	CALIFORNIA DROP FORGE, INC	1430, 2004, 2012	10/13/2021	NS, SH	P65217, P66056, P66057	\$8,000.00
800003	HONEYWELL INTERNATIONAL INC	2004, 2012 Appen A, 3002(c)(1)	10/22/2021	NS	P66167, P68315	\$17,000.00
185343	JAMES K/CANDICE CHO (HYE JEONG KIM)	1401(d)(1)(A)	10/22/2021	GV	P63310	\$5,143.80
121727	PACIFIC PIPELINE SYSTEM LLC	3002(c)(1)	10/22/2021	WW	P62970	\$40,000.00
187036	PM ESTRADA ROOFING	1403	10/13/2021	BT	P66444, P67617	\$5,000.00
71160	U.S. BATTERY MANUFACTURING CO	201, 203, 1420.2	10/13/2021	JL	P67412, P72934	\$25,500.00
195046	VOLKSWAGEN GROUP OF AMERICA	1151, 1168	10/13/2021	BT	SRV2021-00026	\$7,500.00
17956	WESTERN METAL DECORATING CO	2004(f)(1)	10/13/2021	JL	P66861	\$600.00
144695	WESTLAKE WELLBEING PROPERTIES, LLC	1415, 1415.1	10/13/2021	JL	P66966	\$5,000.00
178432	YORBA CANYON CLEANERS, EUNKWAN PARK	203	10/20/2021	VT	P65187	\$200.00
Total Civil Settlements:						\$121,043.80

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Criminal Referral						
187541	F & M NETWORKING INC	1403	10/22/2021	TCF	P68804, P68805, P68806	\$19,477.69
Total Criminal Referral Settlements: \$19,477.69						
Hearing Board						
104234	SCAQMD v. Mission Foods	202, 203(b), 1153.1, 1303	10/27/2021	KCM	5400-4	\$10,000.00
Total Hearing Board Settlements: \$10,000.00						
MSPAP						
181026	ARCO AM/PM #42960	461	10/13/2021	GC	P66394	\$1,450.00
187562	ENZO COLLISION CUSTOMIZATION CENTER	1151(e)(1)	10/22/2021	GC	P66781	\$800.00
26614	GARDEN GROVE UNIFIED SCHOOL DISTRICT	203(b), 461, 1415	10/22/2021	GC	P63893	\$819.00
800367	IPS CORPORATION	3002(c)(1)	10/22/2021	GC	P69511	\$720.00
189507	MANUEL ZAMORA	1151(e)(1)	10/13/2021	TCF	P65073	\$800.00
Total MSPAP Settlements: \$4,589.00						

**SOUTH COAST AQMD RULES AND REGULATIONS INDEX
OCTOBER 2021 PENALTY REPORT**

REGULATION I - GENERAL PROVISIONS

Rule 109 Recordkeeping for Volatile Organic Compound Emissions

REGULATION II - PERMITS

Rule 201 Permit to Construct
Rule 202 Temporary Permit to Operate
Rule 203 Permit to Operate

REGULATION IV - PROHIBITIONS

Rule 461 Gasoline Transfer and Dispensing

REGULATION XI - SOURCE SPECIFIC STANDARDS

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 1168 Adhesive and Sealant Applications

REGULATION XIII - NEW SOURCE REVIEW

Rule 1303 Requirements

REGULATION XIV - TOXICS

Rule 1401 New Source Review of Toxic Air Contaminants
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
Rule 1420.2 Emission Standards for Lead from Metal Melting Facilities
Rule 1430 Control of Emissions from Metal Grinding Operations at Metal Forging Facilities

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
Appendix A Protocol for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions
Rule 2012

REGULATION XXX - TITLE V PERMITS

Rule 3002 Requirements for Title V Permits

[↑ Back to Agenda](#)

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 15

REPORT: Lead Agency Projects and Environmental Documents Received

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

COMMITTEE: Mobile Source, November 19, 2021, Reviewed

RECOMMENDED ACTION:
Receive and file.

Wayne Nastri
Executive Officer

SR:SN: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 October 1, 2021 to October 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 August and September reporting periods is included as Attachment B. A total of 67 CEQA documents were received during this reporting period and 15 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 October 1, 2021 to October 31, 2021, South Coast AQMD received 67 CEQA documents. Of the 84 documents listed in Attachments A and B:

- 15 comment letters were sent;
- 46 documents were reviewed, but no comments were made;
- 23 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 October 1, 2021 to October 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 October.

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
October 1, 2021 to October 31, 2021

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Warehouse & Distribution Centers RVC211001-03 Compass Danbe Centerpointe Project#	Staff provided comments on the Mitigated Negative Declaration for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/august/RVC210729-01.pdf . The project consists of construction of two warehouses totaling 389,603 square feet on 17.7 acres. The project is located on the southeast corner of Alessandro Boulevard and Frederick Street. Reference RVC210729-01 Comment Period: N/A Public Hearing: 10/19/2021	Response to Comments	City of Moreno Valley	Under review, may submit written comments
Warehouse & Distribution Centers RVC211005-07 Plot Plan No. 210130	The project consists of construction of a 239,208 square foot warehouse on 15.2 acres. The project is located on the northeast corner of Oleander Avenue and Decker Road in the community of Mead Valley. Comment Period: 9/27/2021 - 10/7/2021 Public Hearing: 10/7/2021	Site Plan	County of Riverside	Document reviewed - No comments sent for this document received
Warehouse & Distribution Centers RVC211007-02 MA21235	The project consists of construction of a 72,288 square foot warehouse on 3.8 acres. The project is located at 2780 Rubidoux Boulevard on the northeast corner of Rubidoux Boulevard and 28th Street. Comment Period: 10/7/2021 - 10/21/2021 Public Hearing: 10/21/2021	Site Plan	City of Jurupa Valley	Document reviewed - No comments sent for this document received
Warehouse & Distribution Centers RVC211012-02 Havana Investment Industrial Project	The project consists of construction of a 72,288 square foot warehouse on 3.8 acres. The project is located at 2780 Rubidoux Boulevard on the northeast corner of Rubidoux Boulevard and 28th Street. Reference RVC211007-02 Comment Period: 10/7/2021 - 10/21/2021 Public Hearing: 10/21/2021	Site Plan	City of Jurupa Valley	Document reviewed - No comments sent for this document received

*Sorted by Land Use Type (in order of land uses most commonly associated with air quality impacts), followed by County, then date 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
October 1, 2021 to October 31, 2021**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Industrial and Commercial</i> SBC211026-05 Angelus Block Co., Inc. Concrete Block Manufacturing Facility	The project consists of construction of a 189,547 square foot building on 29.37 acres. The project is located near the northeast corner of Fortuna Way and Industrial Drive. Comment Period: 10/25/2021 - 11/13/2021 Public Hearing: N/A	Mitigated Negative Declaration	City of Rialto	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> LAC211001-05 Quemetco, Inc.#	The project consists of appeals of temporary authorization for modifications to an existing hazardous waste facility permit to install a compression auger and a centrifuge to improve dewatering of battery wrecker material. The project is located at 720 South Seventh Avenue near the northeast corner of South Seventh Avenue and Salt Lake Avenue in the City of Industry. Reference LAC210907-04, LAC210907-03, LAC210427-09, LAC210223-04, LAC210114-07, LAC191115-02, and LAC180726-06 Comment Period: 9/17/2021 - 10/29/2021 Public Hearing: N/A	Temporary Authorization Appeal	Department of Toxic Substances Control	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> LAC211005-03 Garvey Avenue Grade Separation Drainage Improvement Project	The project consists of construction of stormwater catch basins, underground infiltration system, and a 30 inch pump stormwater discharge line to reduce flood risk. The project is located near the northwest corner of Interstate 10 and Garvey Avenue. Comment Period: 9/30/2021 - 11/29/2021 Public Hearing: N/A	Mitigated Negative Declaration	City of El Monte	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> LAC211008-01 Cal Water Well and Water Treatment Plan	The project consists of construction of a groundwater well 1,010 feet in depth with a capacity of 1,500 gallons per minute, 4,470 linear feet of water pipelines ranging from eight inches to 12 inches in diameter, a 230 kilowatt generator, a 1,000 gallon diesel tank, and a 7,700 square foot structure on 16,268 square feet. The project is located at 6157 Long Beach Boulevard near the southwest corner of North Long Beach Boulevard and West Barclay Street in the designated AB 617 Wilmington, Carson, West Long Beach community. Comment Period: 10/8/2021 - 11/8/2021 Public Hearing: N/A	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Long Beach	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
October 1, 2021 to October 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> LAC211019-07 Pacific Resource Recovery Services	The project consists of renewal of an existing hazardous waste facility permit to continue existing industrial waste management operations, construction of additional container storage space, and inclusion of additional waste codes on 20 acres. The project is located at 3150 East Pico Boulevard on the southwest corner of East Pico Boulevard and South Ezra Street in the City of Los Angeles within the designated AB 617 East Los Angeles, Boyle Heights, West Commerce community. Reference LAC190614-01, LAC180315-07, LAC150122-10, LAC140211-08, and LAC120529-02 Comment Period: N/A Public Hearing: 11/3/2021	Permit Modification	Department of Toxic Substances Control	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> LAC211019-13 Veolia ES Technical Solutions, LLC	The project consists of modifications to an existing hazardous waste facility permit to conduct containment coating and lining maintenance activities, and a request for temporary authorization to allow storage of additional hazardous waste materials and extension of storage period. The project is located at 1704 West First Street near the southwest corner of South Motor Avenue and West First Street in the City of Azusa. Reference LAC210914-04, LAC201124-10, and LAC191219-05 Comment Period: N/A Public Hearing: N/A	Permit Modification	Department of Toxic Substances Control	Under review, may submit written comments
<i>Waste and Water-related</i> LAC211026-07 SBD Real Estate Four, LLC	The project consists of development of cleanup actions to excavate, remove, and dispose top 24 inches of soil contaminated with volatile organic compounds, and installation of a soil vapor barrier on 0.28 acres. The project is located at 1341 West Gardena Boulevard near the northeast corner of West Gardena Boulevard and Normandie Avenue in the City of Gardena. Comment Period: 10/22/2021 - 11/24/2021 Public Hearing: N/A	Draft Removal Action Workplan	Department of Toxic Substances Control	Under review, may submit written comments
<i>Waste and Water-related</i> LAC211028-04 La Mirada High School Modernization	The project consists of development of cleanup actions to excavate, remove, and dispose 224 cubic yards of soil contaminated with arsenic on 8.3 acres. The project is located at 13520 Adelfa Drive on the southwest corner of Foster Road and Adelfa Drive in the City of La Mirada. Reference LAC200507-05 Comment Period: 11/1/2021 - 12/3/2021 Public Hearing: N/A	Draft Removal Action Workplan	Department of Toxic Substances Control	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
October 1, 2021 to October 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> RVC211001-08 Ion Exchange Treatment Plant 7991 Replacement Project	Staff provided comments on the Mitigated Negative Declaration for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/september/RVC210824-04.pdf . The project consists of construction of a groundwater treatment system with a capacity of 2,000 gallons per minute, an adsorption treatment system, sulfuric acid and caustic soda systems, pre-filters, and well pumps. The project is located near the northwest corner of Hammond Road and Johnson Street in the community of Mecca within Riverside County. The project is also located in the designated AB 617 Eastern Coachella Valley community. Reference RVC210824-04 Comment Period: N/A Public Hearing: N/A	Response to Comments	Coachella Valley Water District	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> RVC211005-04 Booster Station 5513W/5514 Improvements and Reservoir 5514-2 Construction Project	The project consists of construction of a water storage tank with a capacity of 500,000 gallons and 600 linear feet of pipelines eight inches in diameter on five acres. The project is located on the northwest corner of Thunderbird Road and Pecos Road in the City of Rancho Mirage. Comment Period: 9/29/2021 - 10/29/2021 Public Hearing: 12/7/2021	Notice of Intent to Adopt a Mitigated Negative Declaration	Coachella Valley Water District	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> RVC211005-05 Airport Boulevard Sewer Consolidation Project	The project consists of construction of a sewer lift station with a capacity of 150 gallons per minute and 17,700 linear feet of sewer pipelines ranging from six inches to 10 inches in diameter on 2.9 acres. The project is located on the southwest corner of Airport Boulevard and Pierce Street in the community of Thermal within Riverside County. The project is also located in the designated AB 617 Eastern Coachella Valley community. Comment Period: 9/29/2021 - 10/29/2021 Public Hearing: 12/7/2021	Notice of Intent to Adopt a Mitigated Negative Declaration	Coachella Valley Water District	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
October 1, 2021 to October 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> RVC211005-06 Reservoirs 4711-3 and 4711-4 Project	The project consists of demolition of two 100,000 gallon water storage tanks and construction of two 1,000,000 gallon water storage tanks on 3.67 acres. The project is located near the northwest corner of 30th Avenue and Sunny Rock Road in the community of Indio Hills within Riverside County. Comment Period: 9/29/2021 - 10/29/2021 Public Hearing: N/A	Notice of Intent to Adopt a Mitigated Negative Declaration	Coachella Valley Water District	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> RVC211005-13 Avenue 66 Trunk Sewer Project	The project consists of construction of a sewer lift station with a capacity of 84,400 gallons per day and 19,625 linear feet of sewer pipelines ranging from six inches to 10 inches in diameter on three acres. The project is located along Avenue 66 between Polk Street and Harrison Street in the community of Thermal within Riverside County. The project is also located in the designated AB 617 Eastern Coachella Valley community. Comment Period: 10/1/2021 - 10/20/2021 Public Hearing: 11/9/2021	Notice to Intent to Adopt a Mitigated Negative Declaration	Coachella Valley Water District	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> RVC211021-04 Etiwanda Intervalley Water Quality and Water Resiliency Project	The project consists of construction of 70,420 linear feet of water pipelines ranging from 20 inches to 36 inches in diameter, water wells, storage reservoirs, and hydroelectric generating facilities. The project is located on the southwest corner of Interstate 210 and Interstate 15 and traverses through cities of Jurupa Valley, Fontana, and Rancho Cucamonga. Comment Period: 10/22/2021 - 11/22/2021 Public Hearing: 12/13/2021	Notice of Intent to Adopt a Mitigated Negative Declaration	Jurupa Community Services District	Document reviewed - No comments sent for this document received
<i>Waste and Water-related</i> SBC211019-12 Aerojet Chino Hills	The project consists of development of cleanup actions to remediate soil and groundwater contaminated with residual munitions and explosives on 800 acres. The project is located at 3100 Woodview Road near the northeast corner of Woodview Road and Soquel Canyon Road in the City of Chino Hills. Reference SBC171121-01, SBC160518-02, and SBC160329-03 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/november/SBC211019-12.pdf Comment Period: 10/13/2021 - 11/12/2021 Public Hearing: N/A	Statement of Basis and CEQA Initial Study	Department of Toxic Substances Control	South Coast AQMD staff commented on 11/9/2021

- 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
October 1, 2021 to October 31, 2021

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Institutional (schools, government, etc.)</i> LAC211005-02 Rise Kohyang Middle School	The project consists of construction of a 69,200 square foot school facility with subterranean parking to accommodate 450 students on one acre. The project is located on the northwest corner of West Olympic Boulevard and South Beacon Avenue in the community of Westlake South within the City of Los Angeles. Comment Period: 9/30/2021 - 10/30/2021 Public Hearing: 10/12/2021	Notice of Intent to Adopt a Mitigated Negative Declaration	Los Angeles Unified School District	Document reviewed - No comments sent for this document received
<i>Institutional (schools, government, etc.)</i> LAC211019-05 Malibu Middle and High School Campus Specific Plan	The project consists of demolition of 154,904 square feet of existing buildings and construction of 395,930 square feet of school facilities on 9.9 acres. The project is located at 30215 Morning View Drive near the southeast corner of Via Cabrillo and Morning View Drive in the City of Malibu. Reference LAC200820-01 Comment Period: 10/15/2021 - 11/29/2021 Public Hearing: 11/2/2021	Notice of Availability of a Draft Environmental Impact Report	Santa Monica-Malibu Unified School District	Document reviewed - No comments sent for this document received
<i>Institutional (schools, government, etc.)</i> ORC211001-01 The Hub Fullerton Project	Staff provided comments on the Mitigated Negative Declaration for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/september/ORC210824-07.pdf . The project consists of demolition of 55,332 square feet of existing structures and construction of 420 student housing units totaling 640,667 square feet on 3.55 acres. The project is located on the northeast corner of North Commonwealth Avenue and East Chapman Avenue. Reference ORC210824-07 Comment Period: N/A Public Hearing: 11/2/2021	Response to Comments	City of Fullerton	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
October 1, 2021 to October 31, 2021**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>General Land Use (residential, etc.)</i> LAC211001-02 ENV-2018-3287: ParkPointe Encino Project	The project consists of demolition of 60,663 square feet of existing structures, and construction of an 80,225 square foot senior living facility with 90 rooms, a 55,416 square foot office building, and subterranean parking on 1.75 acres. The project is located near the northwest corner of West Ventura Boulevard and North Genesta Avenue in the community of Encino-Tarzana. Comment Period: 9/30/2021 - 10/20/2021 Public Hearing: N/A	Mitigated Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
<i>General Land Use (residential, etc.)</i> LAC211005-12 The Richman Group Lakeland Road Housing Development	The project consists of construction of 139 residential units on 4.68 acres. The project is located at 13231 Lakeland Road near the northwest corner of Lakeland Road and Laurel Avenue. Comment Period: 10/5/2021 - 11/4/2021 Public Hearing: N/A	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Santa Fe Springs	Document reviewed - No comments sent for this document received
<i>General Land Use (residential, etc.)</i> LAC211019-06 8555 Santa Monica Boulevard Mixed Use Project	The project consists of demolition of 27,338 square feet of buildings, and construction of a 51,519 square foot building with 111 residential units and subterranean parking on 1.4 acres. The project is located on the northwest corner of Santa Monica Boulevard and West Knoll Drive. Reference LAC181019-01, LAC170707-04, and LAC130416-08 Comment Period: 10/14/2021 - 11/29/2021 Public Hearing: 11/17/2021	Notice of Availability of a Recirculated Draft Environmental Impact Report	City of West Hollywood	Document reviewed - No comments sent for this document received
<i>General Land Use (residential, etc.)</i> LAC211026-08 444 North Fair Oaks Avenue and 425 North Raymond Avenue Planned Development	The project consists of construction of 206 residential units totaling 90,888 square feet with subterranean parking on 2.09 acres. The project is located near the northeast corner of North Fair Oaks Avenue and Maple Street. Comment Period: 10/22/2021 - 11/24/2021 Public Hearing: 11/17/2021	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Pasadena	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
October 1, 2021 to October 31, 2021**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>General Land Use (residential, etc.)</i> RVC211015-01 Menifee Valley Specific Plan Project	The project consists of construction of 1,711 residential units, 285 acres of business park uses, 23.2 acres of commercial uses, 16.8 acres of public facilities, 24.6 acres of roadway improvements, and 39.9 acres of open space on 590.3 acres. The project is located on the northeast corner of Matthews Road and Menifee Road. Reference RVC190821-04 and RVC180823-02 Comment Period: 10/14/2021 - 11/12/2021 Public Hearing: N/A	Site Plan	City of Menifee	Document reviewed - No comments sent for this document received
<i>General Land Use (residential, etc.)</i> SBC211001-04 Banyan 9 Residential Project	The project consists of construction of nine residential units on five acres. The project is located near the southwest corner of Banyan Street and Etiwanda Avenue. Comment Period: 9/14/2021 - 10/14/2021 Public Hearing: 10/27/2021	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Rancho Cucamonga	Document reviewed - No comments sent for this document received
<i>General Land Use (residential, etc.)</i> SBC211026-04 Ventana at Duncan Canyon Specific Plan Amendment	The project consists of construction of 1,671 residential units and 476,500 square feet of commercial uses on 102 acres. The project is located on the southwest corner of Interstate 15 and Citrus Avenue. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/november/SBC211026-04.pdf Comment Period: 10/20/2021 - 11/19/2021 Public Hearing: 10/27/2021	Notice of Preparation	City of Fontana	South Coast AQMD staff commented on 11/9/2021
<i>Plans and Regulations</i> LAC211005-09 City of Agoura Hills General Plan Housing, Land Use, Safety, and Circulation Elements Update	The project consists of updates to the City's General Plan to develop policies, goals, and guidelines with a planning horizon of 2035. The project encompasses 7.86 square miles and is bounded by unincorporated areas of Ventura County to the north, City of Calabasas to the east, unincorporated areas of Los Angeles County to the south, and City of Westlake Village to the west. Comment Period: 9/30/2021 - 11/1/2021 Public Hearing: 10/21/2021	Notice of Preparation	City of Agoura Hills	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
October 1, 2021 to October 31, 2021**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<p><i>Plans and Regulations</i></p> <p>LAC211012-04 General Plan Housing Element Update and Safety Element Update</p>	<p>The project consists of updates to the City's General Plan to develop policies, goals, and programs to comply with state, regional, and local housing and safety requirements with a planning horizon of 2029. The project encompasses 8.6 square miles and is bounded by Los Angeles National Forest to the north, City of Pasadena to the east, City of Glendale to the south, and unincorporated areas of Los Angeles County to the west. Reference LAC210204-05</p> <p align="center">Comment Period: 10/11/2021 - 11/9/2021 Public Hearing: 12/9/2021</p>	<p>Notice of Intent to Adopt a Mitigated Negative Declaration</p>	<p>City of La Canada Flintridge</p>	<p>Document reviewed - No comments sent for this document received</p>
<p><i>Plans and Regulations</i></p> <p>LAC211021-03 City of Rolling Hills Estates General Plan Update</p>	<p>The project consists of updates to the City's General Plan to develop land use policies, design guidelines, and implementation strategies with a planning horizon of 2040. The project encompasses 2,378 acres and is bounded by cities of Palos Verdes Estates and Torrance to the north, City of Lomita and unincorporated areas of Los Angeles County to the east, cities of Rancho Palos Verdes and Rolling Hills to the south, and City of Rancho Palos Verdes to the west. Reference LAC210520-01</p> <p align="center">Comment Period: 10/20/2021 - 11/22/2021 Public Hearing: 12/13/2021</p>	<p>Notice of Availability of a Draft Program Environmental Impact Report</p>	<p>City of Rolling Hills Estates</p>	<p>Document reviewed - No comments sent for this document received</p>
<p><i>Plans and Regulations</i></p> <p>ORC211005-11 Laguna Beach General Plan Housing Element Update</p>	<p>The project consists of updates to the City's General Plan to assess housing needs, densities, and development standards with a planning horizon of 2029. The project encompasses 9.86 square miles and is bounded by unincorporated areas of Orange County to the north, cities of Aliso Viejo and Laguna Niguel to the east, and the Pacific Ocean to the south and the west.</p> <p align="center">Comment Period: 10/1/2021 - 11/1/2021 Public Hearing: N/A</p>	<p>Notice of Intent to Adopt a Negative Declaration</p>	<p>City of Laguna Beach</p>	<p>Document reviewed - No comments sent for this document received</p>
<p><i>Plans and Regulations</i></p> <p>ORC211019-10 Los Alamitos Housing Element Update (2021-2029)</p>	<p>The project consists of updates to the City's General Plan to assess housing needs, densities, and development standards with a planning horizon of 2029. The project encompasses 4.3 square miles and is bounded by City of Cerritos to the north, cities of Cypress and Stanton to the east, and unincorporated areas of Orange County to the south and the west.</p> <p align="center">Comment Period: 10/11/2021 - 11/1/2021 Public Hearing: 10/27/2021</p>	<p>Notice of Intent to Adopt a Negative Declaration</p>	<p>City of Los Alamitos</p>	<p>Document reviewed - No comments sent for this document received</p>

- 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
October 1, 2021 to October 31, 2021

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Plans and Regulations</i> RVC211012-06 General Plan Amendment 21-05224, Specific Plan Amendment 21-05225, and Ordinance Amendment 21-05223	The project consists of modifications to designated truck routes. The project is located on the northwest corner of Placentia Avenue and Redlands Avenue and along Interstate 215. Comment Period: 10/13/2021 - 11/2/2021 Public Hearing: 11/17/2021	Notice of Intent to Adopt a Negative Declaration	City of Perris	Document reviewed - No comments sent for this document received
<i>Plans and Regulations</i> RVC211026-01 City of Menifee Sixth Cycle Housing Element Update Project	The project consists of updates to the City's General Plan to assess housing needs, densities, and development standards with a planning horizon of 2029. The project encompasses 46.62 square miles and is bounded by City of Perris to the north, unincorporated areas of Riverside County to the east, City of Murrieta to the south, and City of Wildomar to the west. Reference RVC210629-01 and RVC210204-01 Comment Period: N/A Public Hearing: 11/10/2021	Final Environmental Impact Report	City of Menifee	Document reviewed - No comments sent for this document received
<i>Plans and Regulations</i> RVC211028-05 La Quinta Housing and Safety Element Updates	The project consists of updates to the City's General Plan to develop policies, goals, and programs to comply with state, regional, and local housing and safety requirements with a planning horizon of 2029. The project encompasses 35.68 square miles and is bounded by unincorporated areas of Riverside County to the north, cities of Indio and Coachella to the east, and Santa Rosa and San Jacinto Mountains National Monument to the south and the west in the designated AB 617 Eastern Coachella Valley community. Comment Period: 10/28/2021 - 11/16/2021 Public Hearing: 12/14/2021	Notice of Intent to Adopt a Negative Declaration	City of La Quinta	Document reviewed - No comments sent for this document received
<i>Plans and Regulations</i> SBC211007-01 New Fontana Campus Master Plan	The project consists of development of policies, goals, and design standards to guide future construction of eight school facilities totaling 209,000 square feet on 14.3 acres. The project is located on the northeast corner of Sierra Avenue and Underwood Drive in the City of Fontana. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/november/SBC211007-01.pdf Comment Period: 10/7/2021 - 11/5/2021 Public Hearing: N/A	Notice of Preparation	Chaffey Community College District	South Coast AQMD staff commented on 11/2/2021

- 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 B*
ONGOING ACTIVE PROJECTS FOR WHICH SOUTH COAST AQMD HAS
OR IS CONTINUING TO CONDUCT A CEQA REVIEW

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Warehouse & Distribution Centers SBC210928-09 Bloomington Business Park Specific Plan Project#	The project consists of construction of two warehouses totaling 3,235,836 square feet on 213 acres. The project is located on the southeast corner of Santa Ana Avenue and Alder Avenue in the community of Bloomington. Reference SBC210105-05 Comment Period: 9/29/2021 - 12/15/2021 Public Hearing: N/A	Notice of Availability of a Draft Environmental Impact Report	County of San Bernardino	Under review, may submit written comments
Goods Movement LAC210916-02 Terminal Way Chassis Support Facility Project	The project consists of construction of a 2,900 square foot office and a chassis storage facility with a capacity of storing 5,240 chassis on 13.5 acres. The project is located at 740 Terminal Way on the northwest corner of Terminal Way and Ferry Street within the Port of Los Angeles in the designated AB 617 Wilmington, Carson, West Long Beach community. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/LAC210916-02.pdf Comment Period: 9/16/2021 - 10/15/2021 Public Hearing: N/A	Notice of Intent to Adopt a Negative Declaration	City of Los Angeles Harbor Department	South Coast AQMD staff commented on 10/14/2021
Warehouse & Distribution Centers LAC210819-12 Prologis Vermont and Redondo Project	The project consists of construction of a 340,298 square foot warehouse on 16 acres. The project is located on the northwest corner of Orchard Avenue and Redondo Beach Boulevard in the community of Harbor Gateway. Reference LAC200211-04 and LAC171201-01 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/LAC210819-12.pdf Comment Period: 8/19/2021 - 10/4/2021 Public Hearing: N/A	Notice of Availability of a Draft Environmental Impact Report	City of Los Angeles	South Coast AQMD staff commented on 10/1/2021
Warehouse & Distribution Centers RVC210921-13 Ethanac and Barnett Warehouse	The project consists of construction of a 253,050 square foot warehouse on 13.89 acres. The project is located on the southwest corner of Ethanac Road and Barnett Road. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/RVC210921-13.pdf Comment Period: 9/21/2021 - 10/14/2021 Public Hearing: N/A	Site Plan	City of Menifee	South Coast AQMD staff commented on 10/12/2021
Warehouse & Distribution Centers RVC210928-08 BRE Space Center Mira Loma Logistics Center Project#	The project consists of demolition of nine buildings totaling 1,597,500 square feet, and construction of two warehouses totaling 1,939,312 square feet on 105.58 acres. The project is located at 3401 Space Center Court on the northwest corner of Iberia Street and Space Center Court. Reference RVC201103-05 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/november/RVC210928-08%20.pdf Comment Period: 9/24/2021 - 11/8/2021 Public Hearing: N/A	Notice of Availability of a Draft Environmental Impact Report	City of Jurupa Valley	South Coast AQMD staff commented on 11/4/2021

*Sorted by Comment Status, followed by Land Use, then County, then date received.

- Project has potential environmental justice concerns due to the nature and/or location of the project.

**ATTACHMENT B
ONGOING ACTIVE PROJECTS FOR WHICH SOUTH COAST AQMD HAS
OR IS CONTINUING TO CONDUCT A CEQA REVIEW**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Industrial and Commercial RVC210921-09 Beaumont Summit Station#	The project consists of construction of 2,557,465 square feet of warehouse uses, a 100,000 square foot hotel with 220 rooms, 100,000 square feet of commercial uses, and 30.6 acres of open space on 188 acres. The project is located on the southeast corner of Interstate 10 and Cherry Valley Boulevard. Reference RVC210825-01 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/RVC210921-09.pdf Comment Period: 9/22/2021 - 10/22/2021 Public Hearing: 10/7/2021	Notice of Preparation	City of Beaumont	South Coast AQMD staff commented on 10/12/2021
Industrial and Commercial RVC210928-02 MA21249	The project consists of construction of six industrial buildings totaling 308,004 square feet on 7.1 acres. The project is located on the northwest corner of Riverside Drive and Wineville Road. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/RVC210928-02.pdf Comment Period: 7/22/2021 - 10/12/2021 Public Hearing: N/A	Site Plan	City of Jurupa Valley	South Coast AQMD staff commented on 10/12/2021
Waste and Water-related LAC210907-04 Quemetco, Inc.	The project consists of modifications to an existing hazardous waste facility permit to install a compression auger and a centrifuge to improve dewatering of battery wrecker material. The project is located at 720 South Seventh Avenue near the northeast corner of South Seventh Avenue and Salt Lake Avenue in the City of Industry. Reference LAC210907-03, LAC210427-09, LAC210223-04, LAC210114-07, LAC191115-02, and LAC180726-06 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/november/LAC210907-04.pdf Comment Period: 9/2/2021 - 11/2/2021 Public Hearing: 9/17/2021	Permit Modification	Department of Toxic Substances Control	South Coast AQMD staff commented on 11/2/2021
Waste and Water-related LAC210909-02 Pure Water Project Las Virgenes-Triunfo	The project consists of construction of a recycled water treatment facility with a capacity of six million gallons per day. The project includes two sites: 1) Agoura Road Site located at 30800 Agoura Road near the southeast corner of Agoura Road and Flintlock Lane in the City of Agoura Hills and 2) Las Virgenes Reservoir Site located at 32601 Torchwood Place near the northeast corner of Torchwood Place and Three Springs Drive in the City of Westlake Village. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/LAC210909-02.pdf Comment Period: 9/9/2021 - 10/11/2021 Public Hearing: 9/23/2021	Notice of Preparation	Las Virgenes-Triunfo Joint Powers Authority	South Coast AQMD staff commented on 10/5/2021
Waste and Water-related LAC210928-03 Big Tujunga Reservoir Restoration Project	The project consists of excavation of 4.4 million cubic yards of sediment to restore flood management and water conservation on 45 acres. The project is located near the northwest corner of Big Tujunga Canyon Road and State Route 2 in the Angeles National Forest. Reference LAC130509-02 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/LAC210928-03.pdf Comment Period: 9/24/2021 - 10/25/2021 Public Hearing: 10/14/2021	Recirculated Mitigated Negative Declaration	Los Angeles County Flood Control District	South Coast AQMD staff commented on 10/12/2021

- Project has potential environmental justice concerns due to the nature and/or location of the project.

ATTACHMENT B
ONGOING ACTIVE PROJECTS FOR WHICH SOUTH COAST AQMD HAS
OR IS CONTINUING TO CONDUCT A CEQA REVIEW

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Waste and Water-related</i> SBC210921-08 Inland Empire Utilities Agency Chino Basin Program	The project consists of construction of advanced water purification systems with a treatment capacity of 15,000 acre feet per year of recycled water. The project encompasses 235 square miles of service areas and includes cities of Upland, Montclair, Ontario, Fontana, Chino, Chino Hills, and Rancho Cucamonga and the unincorporated areas of San Bernardino County. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/SBC210921-08.pdf Comment Period: 9/15/2021 - 10/14/2021 Public Hearing: N/A	Notice of Preparation	Inland Empire Utilities Agency	South Coast AQMD staff commented on 10/12/2021
<i>Waste and Water-related</i> SBC210921-14 DAP-001-701	The project consists of construction of a bitumen emulsion manufacture facility and installation of 22 storage tanks with a capacity ranging from 6,500 gallons to 20,000 gallons. The project is located at 2110 Agua Mansa Road on the southeast corner of Agua Mansa Road and South Riverside Avenue. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/SBC210921-14.pdf Comment Period: 9/21/2021 - 10/12/2021 Public Hearing: 10/12/2021	Site Plan	City of Colton	South Coast AQMD staff commented on 10/12/2021
<i>Utilities</i> LAC210819-11 Grayson Repowering Project	This document includes environmental analyses for two alternatives to the project and additional cumulative environmental analyses for cultural and paleontological resources, energy, and wildfire for the project. The project consists of construction of a power generation facility with a capacity of 260 megawatts on 13.29 acres. The project is located at 800 Air Way on the southeast corner of Air Way and Flower Street. Reference LAC180313-06, LAC170919-02, and LAC161220-09 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/november/LAC210819-11.pdf Comment Period: 8/6/2021 - 11/15/2021 Public Hearing: N/A	Partially Recirculated Draft Environmental Impact Report	City of Glendale	South Coast AQMD staff commented on 11/12/2021
<i>Medical Facility</i> RVC210916-01 Kaiser Permanente Riverside Medical Center Expansion Project	The project consists of demolition of 738,000 square feet of existing structures and construction of two medical facilities totaling 296,000 square feet on 15.5 acres. The project is located at 10800 Magnolia Avenue on the southwest corner of Magnolia Avenue and Polk Street. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/RVC210916-01.pdf Comment Period: 9/15/2021 - 10/15/2021 Public Hearing: 9/27/2021	Notice of Preparation	City of Riverside	South Coast AQMD staff commented on 10/5/2021
<i>Plans and Regulations</i> LAC210921-04 Florence-Firestone Transit Oriented District Specific Plan	The project consists of development of policies, strategies, and design guidelines to guide future development in proximity to public transit stations with a planning horizon of 2035 on 3.48 square miles. The project is located along Graham Avenue between Slauson Avenue to the north and 103rd Street to the south in the community of Florence-Firestone and includes the designated AB 617 Southeast Los Angeles community. Reference LAC210311-04 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/LAC210921-04.pdf Comment Period: 9/21/2021 - 11/5/2021 Public Hearing: N/A	Notice of Availability of a Draft Environmental Impact Report	County of Los Angeles	South Coast AQMD staff commented on 10/12/2021

- Project has potential environmental justice concerns due to the nature and/or location of the project.

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

PROJECT DESCRIPTION	PROPONENT	TYPE OF DOCUMENT	STATUS	CONSULTANT
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/30days.	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
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.	Quemetco	Environmental Impact Report (EIR)	A Notice of Preparation/Initial Study (NOP/IS) was released for a 56-day public review and comment period from August 31, 2018 to October 25, 2018, and 30 comment letters were received. Two CEQA scoping meetings were held on September 13, 2018 and October 11, 2018 in the community and 153 oral comments were received. The Draft EIR was released on October 14, 2021 for a 61-day public review and comment period which ends at 5:00 p.m. on December 14, 2021 ¹ . 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.	Trinity Consultants
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.	Sunshine Canyon Landfill	Subsequent Environmental Impact Report (SEIR)	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.	SCS Engineers

¹ In November, per several requests, the public review and comment period was extended 60 more days until 5:00 p.m. on February 15, 2022.

 [Back to Agenda](#)

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 16

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.*

- * *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

Month	Title and Description	Type of Rulemaking
January		
461.1* 461 219	<p>Mobile Refueling Gasoline Transfer and Dispensing Gasoline Transfer and Dispensing Equipment Not Requiring a Written Permit Pursuant to Regulation II</p> <p>Proposed Rule 461.1 will establish requirements for retail and non-retail mobile refueling operations. Proposed Amended 461 will remove requirements for mobile refueling operations. Proposed Amended Rules 219 will modify permitting exemptions and registration requirements for mobile fueling operations, respectively.</p> <p><i>Susan Nakamura 909.396.3105; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
1135 429.2	<p>Emissions of Oxides of Nitrogen from Electricity Generating Facilities Startup and Shutdown Exemption Provisions from Electricity Generating Facilities for Oxides of Nitrogen</p> <p>Proposed Amended Rule 1135 will modify requirements for engines at Santa Catalina Island, modify references for requirements for Continuous Emissions Monitoring Systems, and remove ammonia slip limits that will be addressed during permitting. Proposed Rule 429.2 will address exemptions from NOx limits in Rule 1135 during startup and shutdown events.</p> <p><i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP/ AB 617 BARCT
February	Title and Description	Type of Rulemaking
1134	<p>Emissions of Oxides of Nitrogen from Stationary Gas Turbines</p> <p>Proposed Amended Rule 1134 will clarify NOx limits for recuperative gas turbines, revise startup and shutdown requirements, and update provisions for Continuous Emissions Monitoring Systems.</p> <p><i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP/ AB 617 BARCT
March	Title and Description	Type of Rulemaking
1115	<p>Motor Vehicle Assembly Line Coating Operations</p> <p>Proposed Rule 1115 will address U.S. EPA RACT requirements for motor vehicle assembly line coating operations.</p> <p><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
March (Continued)		
1147.2*+##	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.	AQMP/ AB 617 BARCT
1147*+##	NOx Reductions from Miscellaneous Sources Proposed Amended Rule 1147 will remove equipment that will be regulated under Proposed Rule 1147.2. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	
April		Type of Rulemaking
429	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>	Other
1147*+##	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. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i>	AQMP/ AB 617 BARCT

* Potentially significant hearing

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

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

2022 MASTER CALENDAR (Continued)

Month	Title and Description	Type of Rulemaking
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>Ian MacMillan 909.396.3244; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
403.2 403	<p>Fugitive Dust from Large Roadway Projects Fugitive Dust Proposed Rule 403.2 will establish requirements to minimize PM emissions and require additional public notification for large roadway construction projects. Amendments to Rule 403 may be needed to ensure requirements for fugitive dust sources are not duplicative and to update existing requirements. The associated handbook may also be revised. <i>Ian MacMillan 909.396.3244; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
June	Title and Description	Type of Rulemaking
218.2 218.3	<p>Enhanced Requirements for Continuous Emission Monitoring System 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>	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

* 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
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>Michael Morris 909.396.3282; 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	Title and Description	Type of Rulemaking
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
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

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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)		
Regulation XIII [#]	<p>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.</p> <p><i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP
December		
1146.2 [#]	<p>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.</p> <p><i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP/ AB 617 BARCT
1180.1	<p>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.</p> <p><i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
2304	<p>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.</p> <p><i>Ian MacMillan; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	AQMP

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2022 To-Be-Determined

Rule Number	Title and Description	Type of Rulemaking
102	<p>Definition of Terms</p> <p>Proposed amendments may be needed to update and add definitions, and potentially modify exemptions.</p> <p style="text-align: center;"><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
103	<p>Definition of Geographical Areas</p> <p>Proposed amendments are needed to update geographic areas to be consistent with state and federal references to those geographic areas.</p> <p style="text-align: center;"><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other
209	<p>Transfer and Voiding of Permits</p> <p>Proposed amendments may be needed to clarify requirements for change of ownership and permits and the assessment of associated fees.</p> <p style="text-align: center;"><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</p> <p>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.</p> <p style="text-align: center;"><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</p> <p>Proposed Amendments may be needed to require certain equipment that is currently not permitted to register the equipment to gather information and emissions data.</p> <p style="text-align: center;"><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</p> <p>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.</p> <p style="text-align: center;"><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</p> <p>Proposed amendments may be needed to modify CAA Section 185 fees for non-attainment.</p> <p style="text-align: center;"><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Shah Dabirian 909.396.3076</i></p>	Other

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

2022 To-Be-Determined (Continued)

2021	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 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
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

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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
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

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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

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2022 To-Be-Determined (Continued)

2021	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

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2022 To-Be-Determined (Continued)

2021	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)

2021	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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Part of the transition of RECLAIM to a command-and-control regulatory structure

2022 To-Be-Determined (Continued)

2021	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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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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2022 To-Be-Determined (Continued)

2021	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

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 17

REPORT: Annual Audited Financial Statements for FY Ended June 30, 2021

SYNOPSIS: This item transmits the annual audited financial statements of the South Coast AQMD. The South Coast AQMD has received an unmodified opinion (the highest obtainable) on its financial statements.

COMMITTEE: Administrative, November 12, 2021, Reviewed

RECOMMENDED ACTION:

Receive and file the South Coast AQMD's Comprehensive Annual Financial Report and Single Audit Reports for the FY ended June 30, 2021.

Wayne Natri
Executive Officer

SJ:gp

Background

The audit of the South Coast AQMD financial statements, along with the Single Audit Reports for the Fiscal Year ended June 30, 2021, have been completed by BCA Watson Rice, LLP. South Coast AQMD has received an unmodified opinion on its financial statements. An unmodified opinion is the highest obtainable, assuring interested parties that South Coast AQMD's financial statements fairly present the agency's financial position.

Attachments

- A. The Comprehensive Annual Financial Report, which includes the Independent Auditor's Report, was previously provided to Board Members and will be available at South Coast AQMD's library or website at <http://www.aqmd.gov/home/about/finance>.
- B. Single Audit Reports that include Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of the Financial Statements Performed in Accordance with Government Auditing Standards, Independent Auditor's Report on Compliance with Each Major Federal Program; Report on Internal Control over Compliance; and Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance.



South Coast Air Quality Management District
Diamond Bar, California



Comprehensive Annual Financial Report

Year Ended June 30, 2021



MISSION STATEMENT

South Coast AQMD's mission is to clean the air and protect the health of all residents in the South Coast Air District through practical and innovative strategies.

South Coast
Air Quality Management District

Diamond Bar, California

Comprehensive Annual Financial Report
Year Ended June 30, 2021

Prepared by:
Finance Office
Sujata Jain, Chief Financial Officer

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Comprehensive Annual Financial Report
Year Ended June 30, 2021

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

GOVERNING BOARD

June 30, 2021

BEN BENOIT

Chair

Cities of Riverside County Representative

VANESSA DELGADO

Vice-Chair

Senate Rules Committee Appointee

LISA BARTLETT

County of Orange Representative

JOE BUSCAINO

City of Los Angeles Representative

MICHAEL A. CACCIOTTI

Cities of Los Angeles County

Eastern Region Representative

GIDEON KRACOV

Governor's Appointee

SHEILA KUEHL

County of Los Angeles Representative

LARRY McCALLON

Cities of San Bernardino County Representative

VERONICA PADILLA-CAMPOS

Speaker of the Assembly Appointee

V. MANUEL PEREZ

County of Riverside Representative

REX RICHARDSON

Cities of Los Angeles County

Western Region Representative

CARLOS RODRIGUEZ

Cities of Orange County Representative

JANICE RUTHERFORD

County of San Bernardino Representative

WAYNE NASTRI

Executive Officer



South Coast Air Quality Management District

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

October 15, 2021

Chairman, Governing Board and Residents
Of the South Coast Air Quality Management District

State law requires that local governments publish within nine months of the close of each fiscal year a complete set of audited financial statements presented in conformity with generally accepted accounting principles (GAAP) and audited in accordance with generally accepted auditing standards by a firm of licensed certified public accountants. This report is published to fulfill that requirement for the fiscal year ended June 30, 2021.

This report consists of management's representations concerning the finances of the South Coast Air Quality Management District (South Coast AQMD), Diamond Bar, California. Management assumes full responsibility for the completeness and reliability of all of the information presented in this report, based upon a comprehensive framework of internal control that it has established for this purpose. Because the cost of internal control should not exceed anticipated benefits, the objective is to provide reasonable, rather than absolute, assurance that the financial statements are free of any material misstatements. As management, we assert that, to the best of our knowledge and belief, this financial report is complete and reliable in all material respects.

South Coast AQMD's financial statements have been audited by BCA Watson Rice LLP, Certified Public Accountants. The goal of the independent audit is to provide reasonable assurance that the financial statements of South Coast AQMD for the fiscal year ended June 30, 2021 are free of material misstatements. The independent auditors concluded, based upon the audit, that there was a reasonable basis for rendering an unmodified (clean) opinion that South Coast AQMD's financial statements for the fiscal year ended June 30, 2021 are fairly presented in conformity with accounting principles generally accepted in the United States. The independent auditor's report is located at the front of the financial section of this report.

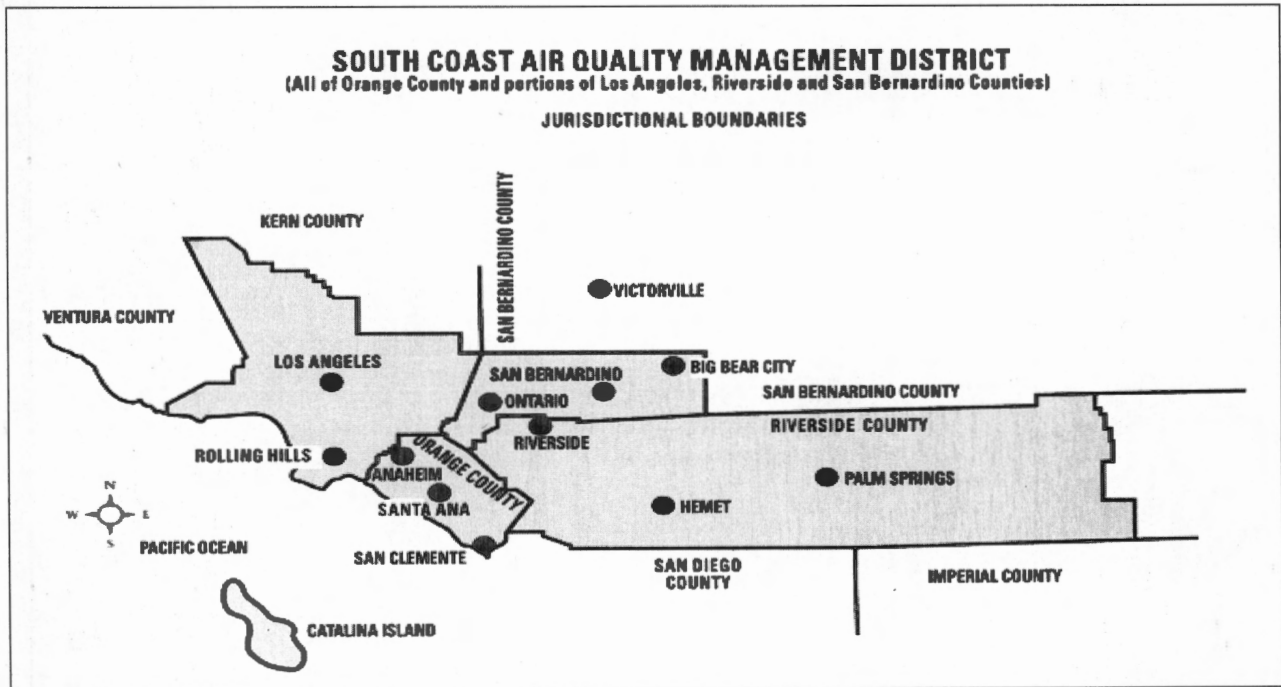
The independent audit of the financial statements of South Coast AQMD was part of a broader, federally mandated "Single Audit" designed to meet the special needs of Federal

grantor agencies. The standards governing Single Audit engagements require the independent auditor to report not only on the fair presentation of the financial statements, but also on the audited government's internal controls and compliance with special emphasis on internal controls and compliance with federal statutes, regulations, and terms and conditions involving the administration of Federal awards. These reports are available in South Coast AQMD's separately issued Single Audit Report.

Management's Discussion and Analysis (MD&A) immediately follows the independent auditor's report and provides a narrative introduction, overview, and analysis of the basic financial statements. MD&A complements this letter of transmittal and should be read in conjunction with it.

Profile of the South Coast Air Quality Management District

The South Coast Air Quality Management District began operation on February 1, 1977 as a regional governmental agency established by the California Legislature pursuant to the Lewis Air Quality Management Act. South Coast AQMD encompasses all of Orange County and parts of Los Angeles, San Bernardino and Riverside Counties, representing over 17 million residents. It succeeded the Southern California Air Pollution Control District and its predecessor four county air pollution control districts, of which the Los Angeles County Air Pollution Control District was the oldest in the nation, having been formed in 1947.



South Coast AQMD's Governing Board is composed of 13 members, including four members appointed by the Boards of Supervisors of the four counties in South Coast AQMD's jurisdiction, six members appointed by cities in South Coast AQMD's jurisdiction and three members appointed by the Governor, the Speaker of the State Assembly and the Rules Committee of the State Senate, respectively. The members appointed by the various Boards of Supervisors and cities consist of one member of the Board of Supervisors of Los Angeles, Orange, Riverside, and San Bernardino Counties, respectively, and a mayor or member of the city council of a city within Orange, Riverside and San Bernardino Counties. Los Angeles County cities have three representatives, one each from the western and eastern portions of the county and one member representing the City of Los Angeles. Each Board member serves a four year term. The Board appoints the agency's Executive Officer and General Counsel. The Executive Officer in turn appoints the heads of the various agency departments.

Southern California has the most serious air quality problem in the country. A combination of poor atmospheric ventilation, a capping temperature inversion, bordering mountains and sunny days act to enhance smog formation and effectively trap pollutants in the Basin. South Coast AQMD is responsible for monitoring air pollution within the Basin and for developing and administering programs to reduce air pollution levels below the health-based standards established by the state and federal governments.

South Coast AQMD provides a full range of air pollution control activities, including permitting, site inspection, air quality attainment planning, rule making, air quality monitoring and technology advancement. Government Accounting Standards Board Statement No. 61 requires that certain separate but related component units be included with South Coast AQMD for reporting purposes. This report includes the South Coast Air Quality Management District Building Corporation (Corporation) as a blended component unit. South Coast AQMD may impose its will on the component unit, including the ability to appoint, hire, reassign or dismiss management. There are also financial benefit/burden relationships between South Coast AQMD and the Corporation. For additional information, see Note 1 to the financial statements.

The annual budget serves as the foundation for South Coast AQMD's financial planning and control. The Governing Board is required to adopt an annual budget by July 1 of each fiscal year. South Coast AQMD's annual appropriated budgets are adopted for the General Fund. Budgets are adopted on a budgetary basis that includes encumbrances as expenditures. All annual appropriations lapse at fiscal year end to the extent they have not been expended or encumbered. Amendments to increase the budget must be approved by the Governing Board. Budgets for Special Revenue Funds are not adopted due to the narrow focus (advance technology demonstration projects/emission reduction projects) and limited life of many of these special revenues. Expenditures from the Special Revenue Funds require Governing Board approval and are primarily related to contractual obligations with vendors and grantees. Administrative expenditures related to managing

and accounting for Special Revenue Fund projects are appropriated within the General Fund budget.

South Coast AQMD maintains budgetary controls through both signature authority and automated budget checking. The objective of these controls is to ensure compliance with specific special revenue fund appropriations and the annual appropriated budget approved by the Governing Board. South Coast AQMD maintains an encumbrance accounting system of purchase orders and contracts at the fund level as a means of accomplishing budgetary control. Open encumbrances are reported as committed fund balance at the end of the fiscal year. Purchase orders and contracts are reviewed to ensure that funds are available and that requests are properly authorized prior to being released or executed.

The accounting principles applied in reporting budgetary expenditures differ in some respects from the generally accepted accounting principles applied in the reporting of the financial statements. Reconciliation of these differences is presented in the Required Supplementary Information section of this report.

As reflected in the statements and schedules included in the financial section of this report, South Coast AQMD continues to meet its responsibility for sound financial management.

Factors Affecting Financial Condition

South Coast AQMD is a fee-supported agency and does not receive sales or property tax support. Approximately 66% of its General Fund revenue is derived from permit evaluation fees, annual permit renewal fees, emission fees, Hearing Board fees, Area Sources, Toxic Hot Spots, penalties and settlements, interest earnings, and other revenues. The remaining 34% of its General Fund revenue is derived from federal grants, state grants, California Air Resources Board (CARB) subvention funds, and motor vehicle fees.

To meet its program commitments, despite new federal and state mandates, increased workload complexity, and ongoing cost containment efforts, South Coast AQMD continues to streamline many of its operations. Compared to the fiscal year 1991-92 General Fund budget, the fiscal year 2020-21 General Fund budget reflects funded staffing levels that are approximately 19% below the 1991-92 level. The budgeted General Fund expenditures, when adjusted for inflation, are approximately 13% less than the 1991-92 period.

Government-wide revenues during this fiscal year decreased by 1.8% as compared to the prior fiscal year, primarily due to decrease in revenue from Mobile Sources, penalties and settlements. General Fund revenues decreased by 4.5% as compared to the prior fiscal year, primarily due to decrease in permit fees, interest and unexpected large one-time

penalties and settlements paid by non-compliant entities. Future changes in government-wide revenue are highly dependent on the timing of receipts and continuation of state and federal grant funding, while General Fund revenues are expected to continue to remain generally stable or decline slightly through the following fiscal year due to the impact of COVID-19 on the economy.

Government-wide expenses increased when compared to the prior fiscal year by 11.9% primarily due to expenditures related to state grants such as incentive portion of CAPP funds. General Fund expenditures decreased by 1.2% as compared to the prior fiscal year, due to fewer purchases of supplies and capital outlays. Future changes in government-wide expenses are highly dependent on the timing of receipts and continuation of state and federal grant funding, while General Fund expenditures are expected to increase through the following fiscal year due to the continued increases in employee retirement plan contributions.

Long-term Financial Planning

In addressing long-term program costs, South Coast AQMD has pursued actions over the past several years including legislative changes to the employee retirement plan, labor negotiations, and the use of one-time revenues to lower its long-term retirement costs. As part of the annual budget process, South Coast AQMD prepares a five year financial plan that demonstrates the commitment to meet future financial challenges and uncertainties while continuing to protect the health of the residents within the South Coast AQMD boundaries and remaining sensitive to business. During the current fiscal year and beyond, South Coast AQMD continues to look for cost savings and operational efficiencies as a means of balancing revenues and expenditures to ensure long term financial sustainability.

Relevant Financial Policies

In recent years, South Coast AQMD's Governing Board has made several policy decisions to meet future financial challenges and uncertainties while continuing to protect the health of the residents within the South Coast AQMD boundaries and remaining sensitive to business. These policy decisions include reducing debt, negotiating reductions in the cost of pensions, and reviewing and revising fee policies. In fiscal year 2012-13, debt associated with the Headquarters building was eliminated. Starting fiscal year 2017-18 employer pick-up of employee retirement plan contributions was completely phased out and the entire employee contribution portion of the pension cost is picked up by employees. This was eliminated at the direction of the Governing Board and was part of a three-year labor agreement. Over the past decade and continuing, changes and reductions in pension benefits and costs have been successfully negotiated with the employees of South Coast AQMD as a means of curbing the cost of pensions and associated liabilities.

In fiscal year 2010-11, South Coast AQMD's Governing Board approved a rule which provides that certain fees be automatically adjusted effective July 1 of each year by the California Consumer Price Index for the preceding calendar year unless the Governing Board by rule decides not to implement such fee increase for a given year, either for all fees or for a specified fee or fees. Due to the economic downturn caused by COVID-19, the Governing Board decided to not implement any fee increases related to increase in CPI for Fiscal Year 2020-21. In fiscal year 2021-22 budget, the Governing Board approved the fees to be increased by an amount equal to CPI for both fiscal years 2020-21 and 2021-22 for a total of 4.5% increase

Additionally, the Governing Board adopted a fund balance policy for the General Fund so that an amount equal to at least 20% of General Fund revenues is maintained in the combination of Assigned and Unassigned General Fund Balance. The policy serves to mitigate current and future risks related to potential revenue shortfalls and/or unanticipated expenditures.

In March 2020, the World Health Organization declared the outbreak of a novel coronavirus (COVID-19) as a global pandemic, which continues to spread throughout the United States and around the world. As a governmental agency, South Coast AQMD is deemed to be an essential business. After more than one year since the onset of the pandemic, South Coast AQMD under the direction of the Executive Officer is operating under the Continuity of Operations Plan (COOP) and a large portion of the workforce is still teleworking from home. South Coast AQMD is aware of changes in its business as a result of COVID-19. The extent to which the COVID-19 may impact South Coast AQMD's operating results, cash flows, and financial position will depend on future developments. At the end of fiscal year 2021, South Coast AQMD's financial position did not suffer and adverse effect due to the COVID-19 pandemic. However, any future duration of business disruption and related financial impact cannot be reasonably estimated at this time.

Major Initiatives

The mission of South Coast AQMD is to protect public health from air pollution with sensitivity to the impacts of its actions on the community, public agencies and businesses. To carry out this mission, South Coast AQMD has developed the following goals:

- I. Achieve clean air standards.
- II. Enhance public education and equitable treatment for all communities.
- III. Operate efficiently and transparently.

During fiscal year 2020-21, South Coast AQMD advanced many projects which were particularly important to achieving our mission and goals, including: emissions

reductions as specified in the 2016 Air Quality Management Plan; conduct air monitoring and implementation of community emission reduction plans for three year 1 communities and development of such plans for two new communities; complete all Title V facilities inspections and support development of Cleaner Advanced Technology, development of enhanced emissions/ambient monitoring capabilities, increased communication between South Coast AQMD and all stakeholders, and internal business process improvement such as reducing the number of pending permit applications in the backlog.

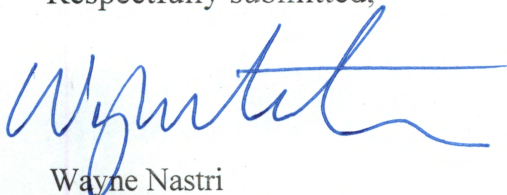
Awards and Acknowledgements

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the South Coast Air Quality Management District for its Comprehensive Annual Financial Report for the fiscal year ended June 30, 2020. The Certificate of Achievement is a prestigious national award recognizing conformance with the highest standards for preparation of state and local government financial reports. In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized Comprehensive Annual Financial Report, whose contents conform to program standards. The Comprehensive Annual Financial Report must satisfy both generally accepted accounting principles and applicable legal requirements. The Certificate of Achievement is valid for a period of one year only. We believe our current report continues to meet the Certificate of Achievement program requirements, and we are submitting it to GFOA to determine its eligibility for another certificate.

The preparation of our comprehensive annual financial report was made possible by the dedicated services of the accounting, financial services, and management staff of the Finance Office. These members have our sincere appreciation for the contribution made in the preparation of this report.

Recognition is also given to the Governing Board for their leadership and support and to all employees of South Coast AQMD who continue their work to accomplish South Coast AQMD's mission of protecting public health from air pollution with sensitivity to the impacts of its actions on the community and businesses.

Respectfully submitted,



Wayne Nastri
Executive Officer



Sujata Jain, CPA
Chief Financial Officer, Finance



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

**South Coast Air Quality Management District
California**

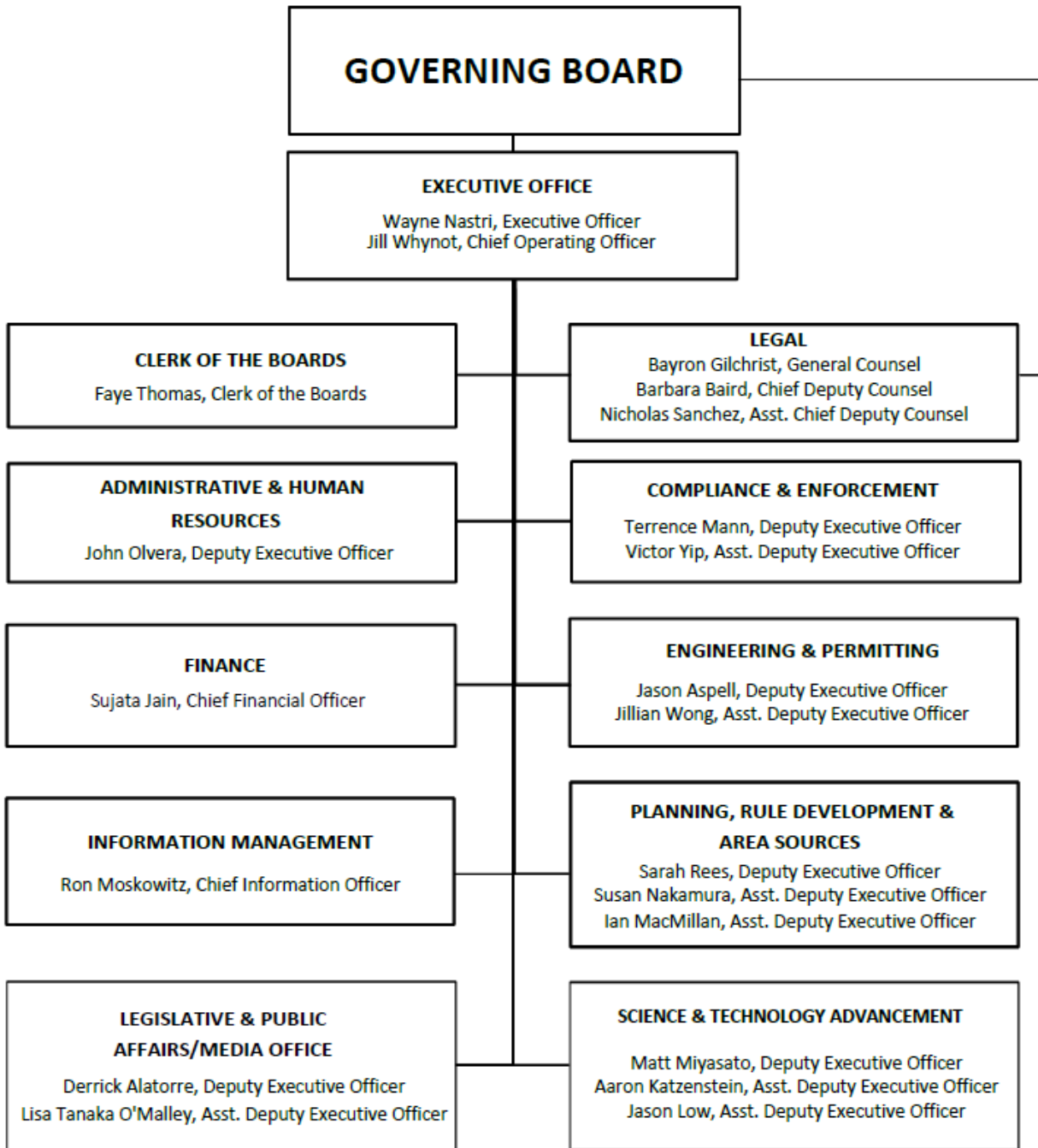
For its Comprehensive Annual
Financial Report
For the Fiscal Year Ended

June 30, 2020

Christopher P. Morill

Executive Director/CEO

**South Coast Air Quality Management District, California
Organizational Chart
June 30, 2021**





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INDEPENDENT AUDITOR'S REPORT

The Governing Board of
South Coast Air Quality Management District

Report on the Basic Financial Statements

We have audited the accompanying basic financial statements of the governmental activities, the blended component unit, each major fund, and the aggregate remaining fund information of the South Coast Air Quality Management District (South Coast AQMD), as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise the South Coast AQMD's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

South Coast AQMD's management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the basic financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the basic financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the basic financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the basic financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the blended component unit, each major fund, and the aggregate remaining fund information of the South Coast AQMD, as of June 30, 2021, and the respective changes in financial position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that Management's Discussion and Analysis and the required supplementary information on pages 4-20 and 65-71, respectively, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the South Coast AQMD's basic financial statements. The introductory section, combining and individual non-major fund financial statements, and statistical section are presented for the purposes of additional analysis and are not a required part of the basic financial statements.

The combining and individual non-major fund financial statements are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with the auditing standards generally accepted in the United States of America. In our opinion, the combining and individual non-major fund financial statements are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

The introductory and statistical sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

BCA Watson Rice, LLP

Torrance, California

October 15, 2021

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
June 30, 2021**

As management of the South Coast Air Quality Management District (South Coast AQMD), we offer readers of South Coast AQMD's financial statements this narrative overview and analysis of the financial activities of South Coast AQMD for fiscal year ended June 30, 2021. Please read it in conjunction with the accompanying transmittal letter, the basic financial statements, and the accompanying notes to those financial statements.

A. Financial Highlights

- Total assets and deferred outflows of resources of South Coast AQMD exceeded its total liabilities and deferred inflows of resources at the close of the most recent fiscal year by \$778.1 million (net position), an increase of \$15.6 million was the change in net position for the current year. The net position of \$778.1 million consisted of: \$37.3 million net investment in capital assets; \$892.4 million restricted for long-term emission-reduction projects; and a deficit of \$151.5 million unrestricted net position primarily due to a net pension liability of \$335.4 million.
- As of the close of the fiscal year, South Coast AQMD's governmental funds reported combined ending fund balances of \$982.1 million, an increase of \$47.1 million in comparison to the prior year. Of the \$982.1 million combined ending fund balances, \$89.7 million represents the fund balance of the General Fund.
- Out of the general fund balance of \$89.7 million at the end of the fiscal year, \$70,097 was nonspendable, \$11.1 million was committed, \$6.1 million was assigned and \$72.4 million was unassigned, which is 42.5% of the general fund expenditures.
- South Coast AQMD's capital assets decreased by \$1.3 million from the prior year.
- South Coast AQMD's long-term debt decreased by \$1.5 million or 4.8% of the long-term debt outstanding.
- South Coast AQMD's net pension liability increased by \$101.5 million or 43.4% from the prior year.

B. Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to South Coast AQMD's basic financial statements. South Coast AQMD's basic financial statements have three components: 1) Government-wide Financial Statements; 2) Fund Financial Statements; and 3) Notes to the Basic Financial Statements. This report also contains supplementary information in addition to the basic financial statements.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
June 30, 2021**

In general, the purpose of financial reporting is to provide the external parties that read financial statements with information that will help them make decisions or draw conclusions about an entity. In order to address the needs of as many parties as reasonably possible, South Coast AQMD, in accordance with required reporting standards, presents government-wide financial statements and fund financial statements.

Government-wide Financial Statements

The focus of government-wide financial statements is on the overall financial position and activities of South Coast AQMD. These financial statements are constructed around the concept of a primary government and its component unit.

The government-wide financial statements are designed to provide readers with a broad overview of South Coast AQMD's finances in a manner similar to a private sector business. These financial statements include the Statement of Net Position and the Statement of Activities.

The Statement of Net Position reports all assets and deferred outflows of resources held and liabilities and deferred inflows of resources owed by South Coast AQMD using the accrual basis of accounting which is similar to the accounting method used by most private sector companies. The difference between assets and liabilities is reported as net position. Over time increases or decreases in net position serve as a useful indicator of whether South Coast AQMD's financial position is improving or deteriorating.

The Statement of Activities presents information showing how South Coast AQMD's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods such as earned but unused vacation leave.

Fund Financial Statements

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. South Coast AQMD, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All of the funds of South Coast AQMD are under governmental funds category.

Governmental Funds

Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund financial statements focus on current sources and uses of spendable resources, as well as on balances of spendable resources available at the end of the fiscal year. Non-financial assets such as

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land and building and long-term liabilities such as pension obligation bonds payable or long term liabilities that will not be paid with current assets are excluded. Such information on available spendable resources may be useful in evaluating South Coast AQMD's near-term financing requirements. The Basic Governmental Fund Statements can be found under the Fund Financial Statements section of this report.

Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for governmental funds with similar information presented for governmental activities in the Government-wide Financial Statements. By doing so, readers may better understand the long-term impact of South Coast AQMD's near-term financing decisions. Information from the Governmental Funds Balance Sheet and the Governmental Funds Statement of Revenues, Expenditures and Changes in Fund Balances is used to facilitate the comparison between governmental funds and governmental activities. The reconciliation between the Governmental Funds Balance Sheet and the Government-wide Statement of Net Position can be found under the Fund Financial Statements section. The reconciliation of the total change in fund balances for all governmental funds to the change in net position can also be found under that same section.

South Coast AQMD maintains 49 individual special revenue funds, one debt service fund, one capital projects fund, and a blended component unit in addition to the General Fund. Five of the special revenue funds are considered major funds. The information for the major special revenue funds is presented separately in the Governmental Fund Balance Sheet and in the Governmental Fund Statement of Revenues, Expenditures and Changes in Fund balances. Data for the other 44 non-major special revenue funds, debt service fund, capital projects fund and blended component unit are combined into a single, aggregated presentation. Individual fund data for each of the 44 non-major governmental funds, debt service fund, capital projects fund, and blended component unit, is reported in the Other Supplementary Information section of this report.

South Coast AQMD adopts an annual appropriated budget for its General Fund. A budgetary comparison statement has been provided for the General Fund to demonstrate compliance with this budget. This is presented in the Required Supplementary Information (RSI) section of this report. Also, presented in RSI are South Coast AQMD's schedule of changes in net pension liability, schedule of changes in net OPEB liability, and schedules of contributions for pensions and OPEB.

Notes to the Basic Financial Statements

The Notes to the Basic Financial Statements provide additional information that is essential to the reader for a full understanding of the data provided in the Government-wide and fund financial statements.

Other Information

In addition to the basic financial statements and accompanying notes, this report also

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presents a RSI section concerning the General Fund's budgetary comparison schedule and budgetary reconciliation. Also included in RSI are South Coast AQMD's schedule of proportionate share of net pension liability, schedule of changes in net OPEB liability, and schedules of contributions for pensions and OPEB.

Individual fund data for each of the non-major governmental funds is included in the Other Supplementary Information section.

The Statistical section provides readers with information covering financial trends, revenue capacity, debt capacity, demographic and economic information, and operating information.

C. Government-wide Financial Analysis

Our analysis focuses on the net position and changes in net position of South Coast AQMD's governmental activity.

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The schedule below presents a condensed Statement of Net Position as of June 30, 2021 compared with the prior fiscal year.

**South Coast AQMD's Net Position
(Amounts expressed in thousands)**

	Governmental Activities	
	<u>FY 2020-21</u>	<u>FY 2019-20</u>
Current and other assets	\$ 1,064,125	\$ 1,024,871
Capital assets	37,259	38,515
Total assets	<u>1,101,384</u>	<u>1,063,386</u>
Deferred outflow of resources-pension	150,953	79,377
Deferred outflow of resources-OPEB	238	241
Total deferred outflow of resources	<u>151,191</u>	<u>79,618</u>
Other liabilities	83,476	92,119
Long-term liabilities	369,221	269,427
Total liabilities	<u>452,697</u>	<u>361,546</u>
Deferred inflow of resources-pension	20,113	17,978
Deferred inflow of resources-OPEB	416	486
Deferred inflow of resources-other	1,202	418
Total deferred inflow of resources	<u>21,731</u>	<u>18,882</u>
Net Position:		
Net investment in capital assets	37,259	38,515
Restricted for:		
Restricted for long-term emission-reduction projects	892,386	850,524
Unrestricted	(151,498)	(126,464)
Total net position	<u>\$ 778,147</u>	<u>\$ 762,575</u>

As noted earlier, net position may serve over time as a useful indicator of South Coast AQMD's financial position. At the close of the most recent fiscal year, South Coast AQMD's assets exceeded liabilities by \$778.1 million.

The largest portion of South Coast AQMD's net position, \$892.4 million, represents resources that are subject to external restrictions on how they may be used. The revenue in special revenue funds is restricted to expenditures for specific purposes. Approximately \$37.2 million of South Coast AQMD's net position reflects its investment in capital assets, net of accumulated depreciation (e.g., land, buildings, equipment, and vehicles). South Coast AQMD uses these capital assets in carrying out its mission of protecting public health while being sensitive to the economic needs of local businesses.

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Consequently, these assets are not available for future spending. It should be noted that the resources needed to pay the long-term debt such as Pension Obligation Bonds must be provided from other sources. The debt service installment schedules for the 1995 and 2004 Pension Obligation Bonds will be fully paid by fiscal years 2022 and 2024, respectively.

The remaining portion of South Coast AQMD's net position of governmental activities, a deficit of \$151.5 million, is unrestricted. The deficit is mainly due to the net pension liability. At the end of the current fiscal year, South Coast AQMD had a negative balance in the unrestricted categories of net position and positive fund balance in restricted and net investment in capital asset category.

The net position for governmental activities increased by \$15.6 million compared with the prior fiscal year. Most of the increase was due to revenues in long-term emission-reduction projects.

Program revenues slightly decreased by approximately \$607,354, 0.1% change from the prior year. These are largely due to an increase of approximately \$4.1 million in annual renewal fees and \$2.7 million increase in Mobile Source/Clean Fuel; and offsetted by \$3.0 million decrease in permit processing fees and \$3.2 million decrease in state grant. General revenue decreased by \$7.9 million, compared with the prior fiscal year, which is primarily attributed to an unexpected large one-time penalty and settlement received in fiscal year 2019-20. Total interest revenues received for general revenue and long-term emission reduction projects decreased by \$10.1 million due to ultra-low interest rates in fiscal year 2020-2021.

Expenses increased by \$46.2 million largely due to a higher amount paid for fiscal year 2020-21 long-term emission reduction projects as compared to fiscal year 2019-20.

A condensed Schedule of Changes in Net Position for the fiscal year ending June 30, 2021 compared with the prior fiscal year can be found on the following page.

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**South Coast AQMD's Changes in Net Position
(amount expressed in thousands)**

	<u>Governmental Activities</u>	
	<u>FY 2020-21</u>	<u>FY 2019-20</u>
Revenues:		
Program Revenues:		
Fees and charges – stationary sources	\$ 106,917	\$ 106,450
Fees and charges – mobile sources	26,995	29,215
Operating grants and subventions	304,767	303,621
General Revenues:		
Grants and subventions – not restricted to specific programs	2,885	2,880
Interest	597	1,791
One time non-program penalties and settlements	4,715	12,178
Other revenues	2,140	1,422
Total revenues	<u>449,016</u>	<u>457,557</u>
Expenses:		
Advance clean air technology	14,560	12,827
Ensure compliance with clean air rules	59,823	55,168
Customer service and business assistance	14,980	13,032
Develop programs to achieve clean air	15,522	12,472
Develop rules to achieve clean air	17,229	14,131
Monitoring air quality	36,114	31,911
Timely review of permits	38,833	35,512
Policy support	1,773	1,946
Interest on long-term debt	3,303	3,463
Long-term emission reduction projects	231,306	206,807
Total expenses	<u>433,443</u>	<u>387,269</u>
Increase/(Decrease) in net position	15,573	70,288
Net position beginning	762,574	692,286
Net position ending	<u>\$ 778,147</u>	<u>\$ 762,574</u>

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
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Governmental Activities

The objective of the statement of activities is to report the full cost of providing government services for that year. The format also permits the reader to ascertain the extent to which each function is either self-financing or draws from the general funds of the government.

The Statement of Activities presents information showing how South Coast AQMD's net position changed during fiscal year 2021. All changes in net position are reported as soon as the underlying event occurs regardless of the timing of the cash flows.

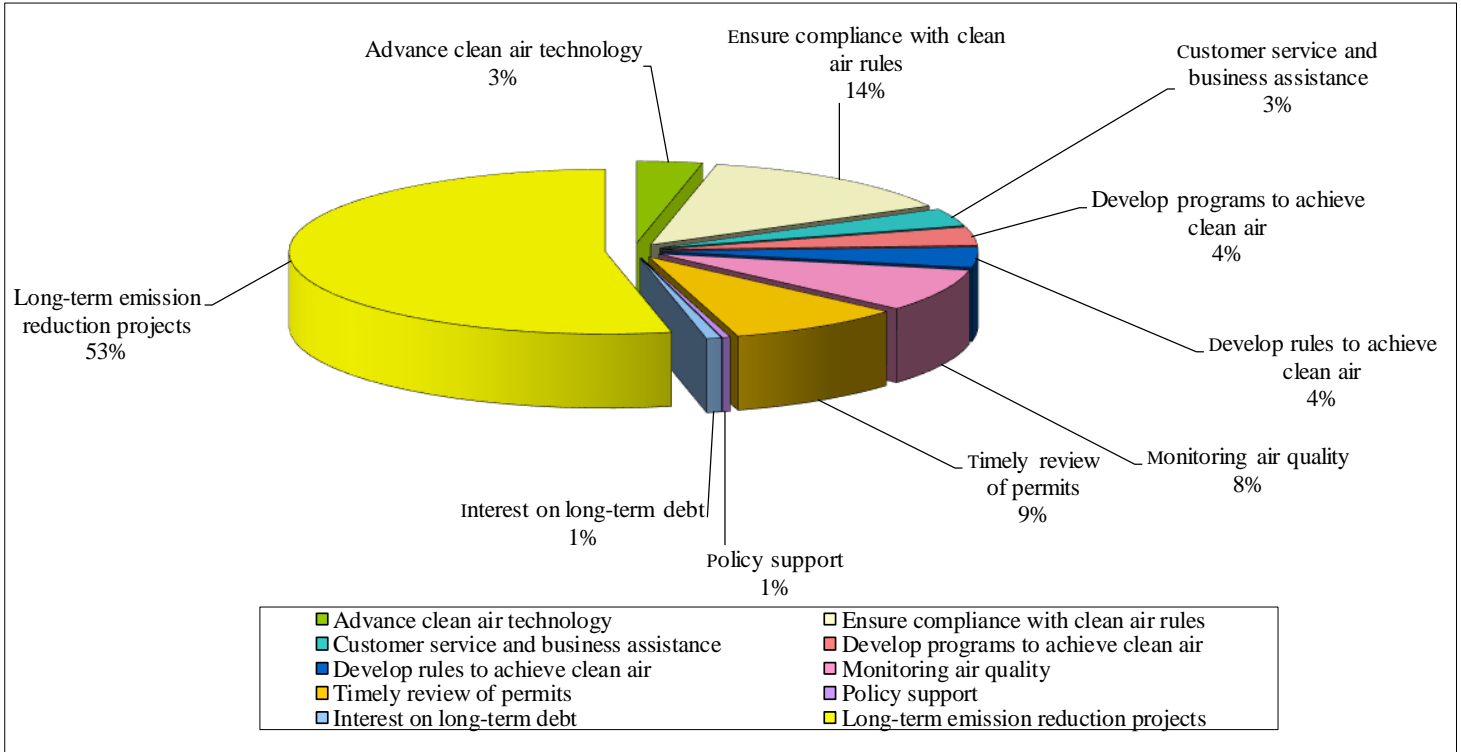
The Governmental activities of South Coast AQMD are predominantly supported by fees, grants, state subvention, penalties, and settlements. The penalties and settlements are one-time revenues which are over and above the regular revenues and not directly related to the programs. The governmental activities of South Coast AQMD are: Advance Clean Air Technology, Ensure Compliance with Clean Air Rules, Customer Service and Business Assistance, Develop Programs to Achieve Clean Air, Develop Rules to Achieve Clean Air, Monitoring Air Quality, Timely Review of Permits, Policy Support, Interest on Long-Term Debt, and Long-Term Emission Reduction Projects.

There was a slight decrease in program revenues in the long-term emission reduction projects. The program revenues in the long-term emission reduction projects category are made up of revenues from special revenue funds. Following are the explanations of the significant revenue variances from fiscal year 2019-20 to fiscal year 2020-21:

- **VW Mitigation Fund** - Established in fiscal year 2019 to administer and implement two project funding categories identify in CARB's Beneficiary Mitigation Plan for the VW Environmental Mitigation Trust. In fiscal year 2020-21, the state grant revenue increased by \$25.1 million due to larger allocation received. This fund recognized the first allocation of \$7.6 million in state grant revenue during fiscal year 2019-2020.
- **Air Quality Investment Fund** – This fund is to account for revenue primarily from South Coast AQMD Rules 1111, 1121, and 2202. In fiscal year 2020-21, the other revenues decreased by \$26.3 million due to less mitigation fees in Rule 1111. Mitigation fees can vary significantly from year to year.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
EXPENSES BY ACTIVITY**

Government Activities
FY 2020-21

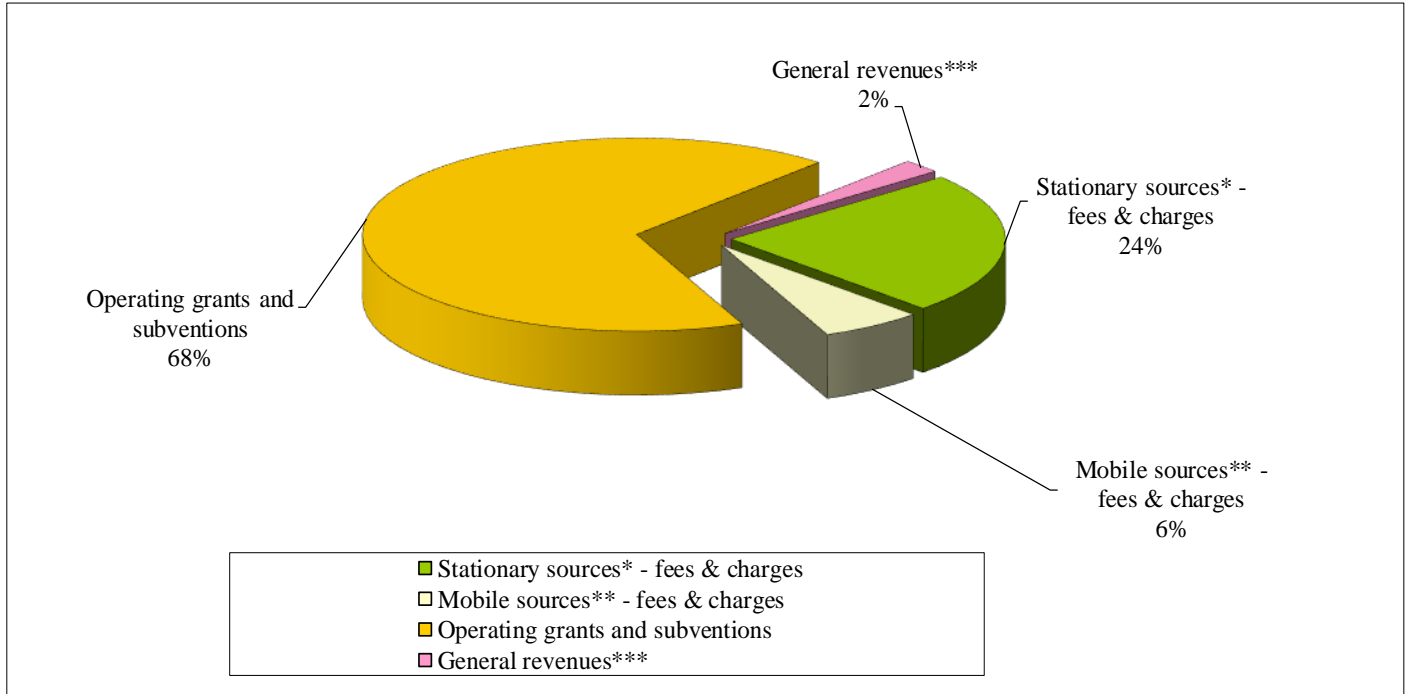


Activity	FY 20-21	FY 19-20	FY 18-19	FY 17-18	FY 16-17	FY 15-16
Advance clean air technology	\$ 14,560,468	\$ 12,827,393	\$ 11,520,547	\$ 9,271,026	\$ 7,825,599	\$ 7,119,417
Ensure compliance with clean air rules	59,823,114	55,167,960	52,353,479	50,528,522	49,316,129	45,622,680
Customer service and business assistance	14,979,824	13,032,003	11,637,664	9,743,294	9,260,504	8,337,319
Develop programs to achieve clean air	15,522,501	12,471,639	9,407,869	8,636,784	11,335,498	10,444,147
Develop rules to achieve clean air	17,228,755	14,131,578	14,275,590	10,013,098	7,604,041	7,566,089
Monitoring air quality	36,114,354	31,910,536	26,547,245	20,822,380	17,856,869	16,028,394
Timely review of permits	38,832,790	35,511,594	33,951,378	33,301,565	31,520,083	27,891,070
Policy support	1,773,352	1,945,852	1,028,495	667,046	885,773	511,705
Interest on long-term debt	3,302,637	3,463,254	3,605,251	3,731,589	3,906,955	3,884,990
Long-term emission reduction projects	231,305,871	206,806,917	163,187,839	101,304,229	101,008,426	87,079,799
Total	\$ 433,443,666	\$ 387,268,726	\$ 327,515,357	\$ 248,019,533	\$ 240,519,877	\$ 214,485,610

Source: FY 2020-2021 Comprehensive Annual Financial Report Statement of Activities

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
REVENUES BY MAJOR SOURCE**

Government Activities
FY 2020-21



Source	FY 20-21	FY 19-20	FY 18-19	FY 17-18	FY 16-17	FY 15-16
Stationary sources* - fees & charges	\$ 106,917,251	\$ 106,450,095	\$ 101,804,325	\$ 100,354,910	\$ 94,279,518	\$ 89,264,511
Mobile sources** - fees & charges	26,995,162	29,214,922	26,106,160	26,026,673	28,087,131	25,743,988
Operating grants and subventions	304,766,572	303,621,322	295,516,665	185,367,622	222,070,040	122,424,397
General revenues***	10,336,674	18,272,157	13,460,793	20,644,444	16,664,195	10,148,573
Total	\$ 449,015,659	\$ 457,558,496	\$ 436,887,943	\$ 332,393,649	\$ 361,100,884	\$ 247,581,469

* Stationary sources consist of refineries, power plants, manufacturing facilities and small businesses.

** Mobile sources are motorized vehicles that typically include automobiles, trucks, aircraft, ships, trains, and self-propelled construction equipment.

*** General Revenues include Penalties/Settlements, Interest, and dollars that are not restricted to specific stationary source programs.

Source: FY 2020-2021 Comprehensive Annual Financial Report Statement of Activities

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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The following schedule presents the cost of each South Coast AQMD program as well as each program’s net cost (total cost less revenues generated by the activities):

GOVERNMENTAL ACTIVITIES

**Net (Expense) Revenue
(amounts expressed in thousands)**

	<u>FY 2020-21</u>	
	<u>Total Cost of Program Activities</u>	<u>Net Cost of Program Activities</u>
Advance clean air technology	\$ 14,560	\$ (4,613)
Ensure compliance with clean air rule	59,823	(13,073)
Customer service and business assistance	14,980	(3,045)
Develop programs to achieve clean air	15,522	(2,299)
Develop rules to achieve clean air	17,229	(2,728)
Monitoring air quality	36,114	(4,318)
Timely review of permits	38,833	(5,654)
Policy support	1,773	(408)
Interest on long-term debt	3,303	(3,303)
Long-term emission reduction projects	231,306	44,676
Total	<u>\$ 433,443</u>	<u>\$ 5,235</u>

The program activities are described as follows:

- **Advance Clean Air Technology** – Identify technologies from anywhere in the world that may have application in reducing emissions from mobile and stationary sources in South Coast AQMD’s jurisdiction. Promote development and assess the use of clean fuels and low-emitting technologies. Implement and administer state- and federal-funded programs for retrofitting, re-powering, or replacing diesel engines with newer and cleaner engines and projects to reduce air pollution associated with freight movement along California’s trade corridors.
- **Ensure Compliance with Clean Air Rules** – Perform inspections, source tests, sample collection, the certification of Continuous Emission Monitoring Systems (CEMS), emissions audits, and respond to and resolve public complaints to ensure compliance with South Coast AQMD rules for existing major and small stationary sources of all pollutants.
- **Customer Service and Business Assistance** – Provide local government, business, and the public with access and input into the regulatory and policy processes of South Coast AQMD. Assist cities and others with AB 2766 projects. Interact with local, state and federal agencies and others to share air quality information, resolve jurisdictional questions, and implement joint programs. Implement comprehensive public information, legislative and customer service programs.

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- **Develop Programs to Achieve Clean Air** – Develop a regional Air Quality Management Plan (AQMP) to achieve federal and state ambient air quality standards and to meet all other requirements of the federal and California Clean Air Acts. Analyze air quality data and provide an estimate of pollutant emissions by source category. Develop pollutant control strategies and project future air quality using computer models and statistical analysis of alternative control scenarios.
- **Develop Rules to Achieve Clean Air** – Develop emission reduction regulations for sulfur dioxide, nitrogen dioxide, organic gases, particulate matter, toxics, and other pollutants to implement the regional AQMP, Tanner Air Toxics Process (AB 1807), National Emission Standards for Hazardous Air Pollutants (NESHAPS), and Prevention of Significant Deterioration (PSD) requirements.
- **Monitoring Air Quality** – Operate and maintain within South Coast AQMD's jurisdiction a network of air quality monitoring sites for ozone, nitrogen oxides, sulfur oxides, particulate matter, carbon monoxide and other pollutants to obtain data regarding public exposure to air contaminants. Analyze, summarize, and report air quality information generated from the monitoring sites. Prepare meteorological forecasts and models.
- **Timely Review of Permits** – Ensure timely processing of permits for new sources based on compliance with New Source Review and other applicable local, state and federal air quality rules and regulations.
- **Policy Support** – Provide support staff to the Governing Board, Board committees, and various advisory and other groups as well as ad hoc committees and Rule working groups. Monitor potential changes to state and federal legislation and budgets that may affect South Coast AQMD.
- **Interest on Long-Term Debt** – Identify the cost of borrowing on Pension Obligation Bonds to partially retire the Unfunded Actuarial Accrued Liability (UAAL) due to San Bernardino County Employees' Retirement Association (SBCERA).
- **Long-term Emission Reduction Projects** – Generate funding for long-term projects that reduce emissions in the South Coast Air Basin. Funding for special funds activities are recognized when received and projects carried out may extend over multiple fiscal years.

D. Financial Analysis of South Coast AQMD's Funds

As noted earlier, South Coast AQMD uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

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Governmental Funds

The focus of South Coast AQMD's governmental funds is to provide information on near-term inflows, outflows, and balances of spendable resources. Such information is useful in assessing South Coast AQMD's financing requirements. In particular, unassigned fund balance may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

As of the end of the fiscal year, South Coast AQMD's governmental funds reported combined ending fund balances of \$982.1 million, an increase of \$47.1 million in comparison with the prior year. Approximately 90.9% of these fund balances (\$892.5 million) constitutes the portion pertaining to special revenue funds. Expenditures under these funds are restricted for specific purposes. The long-term contractual commitments related to these special fund programs, such as replacement of diesel-fueled trucks, involve multiple-year spending.

- **The General Fund** is the operating fund of South Coast AQMD. At the end of the fiscal year, the total fund balance of the General Fund was \$89.7 million. The unassigned fund balance was \$72.5 million or 80.7% of the total fund balance; assigned was \$6.1 million or 6.9% of the total fund balance. The assigned amount represents South Coast AQMD's intended use of the financial resources in future periods. One measure of the General Fund's liquidity is the comparison of both assigned and unassigned fund balance to total expenditures. The assigned and unassigned fund balance represent 46.1% of total General Fund expenditures, while total fund balance represents 52.6% of the total General Fund expenditures. In the General Fund, the assigned and unassigned fund balance may serve as a useful measure of South Coast AQMD's net resources available for spending at the end of the fiscal year.

General Fund's revenues decreased in fiscal year 2020-21 by \$8.2 million. This decrease is primarily due to an unexpected large one-time penalty and settlement received in fiscal year 2019-20.

Overall, General Fund's expenditures decreased in fiscal year 2020-21 by \$2.2 million primarily due to uncertainties of financial impacts caused by COVID-19. Capital outlay spending was on hold which resulted in the decrease of \$3.5 million as compared with prior fiscal year.

Fund balance changes in other major governmental funds are noted below:

- **Mobile Sources Air Pollution Reduction Fund** – This fund is used to account for 30% of the revenue received by South Coast AQMD from the motor vehicle registration fees. The fund balance increased by \$3.4 million in fiscal year 2020-21 due to revenues exceeding expenditures. This fund recognized \$16.8 million in mobile sources/clean fuels revenues. The revenues are used to provide grants to

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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fund multi-year projects for the purpose of reducing air pollution from motor vehicles.

- **Air Quality Investment Fund** – The fund balance slightly increased by \$1.3 million due to revenues exceeding expenditures in fiscal year 2020-21. The revenue increased by \$7.5 million for Rule 1111 mitigation fees, which was offset by \$6.1 million in contract and special services expenditures. Many of the contracts executed in the special revenue fund are multi-year and expenditures can vary significantly from year to year.
- **GHG Reduction Projects Special Revenue Fund** –The fund balance decreased in fiscal year 2020-21 by \$2.7 million due to expenditures exceeding revenues. This fund recognized \$16.7 million in state grants that was offset by contract and special service expenditures. Many of the contracts executed in this special revenue fund are multi-year and expenditures can vary significantly from year to year.
- **Community Air Protection AB 134 Fund** – This fund was established to account for AB 617 Community Air Protection incentive funds. The fund balance decreased by \$5.7 million due to expenditures exceeding revenues in fiscal year 2020-21. This fund recognized \$82.6 million in state grant revenue during the fiscal year 2020-21, and multi-year projects that are identified in approved AB 617 Community Emissions Reduction Plans were executed in this funding.
- **Carl Moyer Program (CMP) AB 923 Fund** – The fund balance increased by \$11.3 million due to revenues exceeding expenditures in fiscal year 2020-21. Many of the contracts executed in this special revenue fund are multi-year and expenditures can vary significantly from year to year.

E. General Fund Budgetary Highlights

Overall, the fiscal year 2020-21 adopted budget represented a \$2.1 million (1.2%) increase in expenditures over the fiscal year 2019-20 adopted budget. The fiscal year 2020-21 adopted budget increased due to adding seven positions, cost increases associated with the three-year labor agreement and an increase in retirement contribution rates. On a budgetary basis, actual fiscal year 2020-21 General Fund revenues/transfers in exceeded expenditures/transfers out by \$6.0 million.

South Coast AQMD adopts an annual operating budget for the General Fund. During budget preparation, South Coast AQMD estimates its revenues using realistic but conservative methods so as to budget its expenditure appropriations and activities in a prudent manner. As a result, South Coast AQMD adopts budget amendments during the fiscal year to reflect availability of additional revenues for expansion of existing programs and any budget transfers between major accounts.

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The fiscal year 2020-21 amended budget compared to the adopted budget reflected an increase in appropriations of \$8.8 million. The changes to the budget were the result of Governing Board actions that allocated additional funding after the budget was adopted. Also, changes can be attributed to Governing Board approved use of unassigned fund balance for program needs that were unknown at the time the budget was developed.

Additional funding was appropriated during fiscal year 2020-21 from the following:

CARB - \$1,050,000 of AB 617 funding to develop an air monitoring plan for the state and then select the highest priority locations for community air monitoring systems.

EPA - \$2,746,000 for the following programs: PM 2.5 Monitoring, Photochemical Assessment Monitoring Stations (PAMS), Science to Achieve Results (STAR) research grant for low-cost air monitoring sensors, the National Air Toxics Monitoring Program, Enhanced Particulate Monitoring Programs, Community Scale Air Toxics Mobile Monitoring, and NASA Citizen Science Program to deploy low-cost PM sensors

Volkswagen (VW) Environmental Mitigation Trust - \$222,000 administrative expenses to implement the VW Mitigation Program

Rule 1180 Special Revenue Fund - \$1,181,000 for the installation and operation of community air monitoring stations near refineries.

Prop 1B Goods Movement Special Revenue Fund - \$75,000 administrative funds for the development of the Proposition 1B Goods Movement Emission Reduction Program.

Carl Moyer Program AB 923 Special Revenue Fund - \$60,000 administrative funds for the development of the Lower Emission School Bus Program.

BP ARCO - \$1,000,000 appropriations from BP Arco fund to Why Healthy Air Matters (WHAM) program to extend implementation until September 30, 2023. WHAM program will provide air quality education to students each year in 300 high school classrooms and 100 middle schools classrooms.

Unassigned Fund Balance – A total of \$2,426,000 for the following services and programs: Why Healthy Air Matters (WHAM), specialized legal services, Clean Air Program for Elementary Students (C.A.P.E.S.) and a transfer out to the Health Effects Research Fund.

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For fiscal year 2020-21, actual revenues were below the final budget by \$0.6 million or (0.4%) and expenditure savings were \$9.8 million or 5.5%.

Actual revenue was below the final budget primarily due to permit processing fee revenue and mobile source/clean fuel revenue being lower than anticipated. The amounts estimated for clean fuels/mobile sources reimbursements were lower due to less time spent working on the projects than projected. Permit processing fee revenue was below budget because the level of new permit applications was lower than previous years.

The expenditure savings can be primarily attributed to salary savings which was a result of vacant positions being 5% higher than the 13% that was budgeted. Additional significant savings were achieved through prudent purchase decisions and postponing contract work and capital asset purchases.

F. Capital Assets and Debt Administration

Capital Assets

South Coast AQMD's investment in capital assets is mostly for its governmental activities. The book value was \$37.3 million (net of accumulated depreciation of \$104.7 million) as of June 30, 2021. This investment in capital assets includes land, buildings, laboratory equipment, air monitoring stations, intangible assets (internally generated software) and South Coast AQMD fleet vehicles. Depreciation on capital assets is recognized in the Government-wide financial statements.

Additional information on the capital assets can be found in Note V under the Notes to the Basic Financial Statements section.

Long-Term Debt

At the end of the current fiscal year, South Coast AQMD had total long-term debt outstanding of \$30.4 million, including the current portion of \$5.8 million. Out of the \$30.4 million long-term debt, \$11.8 million represents the Pension Obligation Bonds. The 1995 series issued in December 1995 (outstanding balance of \$441,881 million) and the 2004 series issued in June 2004 (outstanding balance of \$11.4 million) retired the Unfunded Actuarial Accrued Liability due to San Bernardino County Employees' Retirement Association as of June 30, 2004. Other long-term debt includes general liability claims and workers' compensation claims payable of \$1.1 million and compensated absences of \$17.5 million.

Additional information on South Coast AQMD's long-term debt can be found in Note VII under the Notes to the Basic Financial Statements section of this report.

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G. Economic Factors and Next Year's Budget and Rates

The fiscal year 2021-22 expenditure budget decreased by 1% compared to the fiscal year 2020-21 amended budget. The budget reflects a decrease of \$1.9 million in expenditures from the fiscal year 2020-21 amended budget and a \$6.9 million increase from the fiscal year 2020-21 adopted budget. The increase in expenditures from the fiscal year 2020-21 adopted budget can be attributed to increase in salary and employee benefits due to the addition of eight funded positions and increases to our retirement rates. In addition, the FY 2021-22 adopted budget reflect increases in expenditures for grant funded programs in the major objects of services/supplies and capital outlays.

In fiscal year 2021-22 revenues are projected to increase by approximately \$6.9 million from the fiscal year 2020-21 adopted budget. The increase in revenue can be mainly attributed to recognizing more revenue due to increased activity in the AB 617 Community Air Protection Program. Nevertheless, in recent years, South Coast AQMD's revenues have not kept pace with program costs mainly due to increases in retirement rates as the result of market losses to the retirement system's investments.

Moreover, since fiscal year 1991-92, the South Coast AQMD has reduced staffing and program costs despite increased program requirements. The fiscal year 2021-22 expenditure budget is \$179.8 million and includes 957 authorized positions. Compared to fiscal year 1991-92, this reflects a reduction of 18% in authorized positions. Program costs, however, will exceed the fiscal year 1991-92 budget by \$66.8 million (approximately 59%). Using inflation-adjusted dollars, however, this year's budget request is 9% less than the budget approved in fiscal year 1991-92.

H. Requests for Information

This financial report is designed to provide a general overview of South Coast AQMD's finances for readers of the financial statements. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Finance Office, South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, CA 91765-4182.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
STATEMENT OF NET POSITION
June 30, 2021

	Governmental Activities
ASSETS	
Current Assets:	
Cash and pooled cash	\$ 1,034,437,014
Interest receivable	1,517,918
Due from other governmental agencies	24,082,249
Accounts receivable, net	4,018,147
Inventories	70,097
Total current assets	1,064,125,425
Noncurrent Assets:	
Capital assets not being depreciated:	
Land	8,829,792
Capital assets, net of accumulated depreciation:	
Buildings and improvements	6,467,963
Intangibles (software)	8,457,152
Equipment, vehicles and furniture	13,504,018
Total noncurrent assets	37,258,925
TOTAL ASSETS	1,101,384,350
DEFERRED OUTFLOWS OF RESOURCES	
Deferred outflow of resources-pension	150,953,028
Deferred outflow of resources-OPEB	237,584
TOTAL DEFERRED OUTFLOWS OF RESOURCES	151,190,612
LIABILITIES	
Current Liabilities:	
Accounts payable and accrued liabilities	61,564,534
Interest payable	2,676,632
Salaries and benefits payable	8,698,495
Unearned revenue	10,535,860
Long term debt - due within one year	5,808,129
Total current liabilities	89,283,650
Noncurrent liabilities - due in more than one year:	
Long term debt	24,569,373
Net pension liability	335,429,877
Net OPEB liability	3,414,000
Total noncurrent liabilities	363,413,250
TOTAL LIABILITIES	452,696,900
DEFERRED INFLOWS OF RESOURCES	
Deferred inflow of resources-pension	20,113,218
Deferred inflow of resources-OPEB	416,000
Deferred inflow of resources-other	1,201,651
TOTAL DEFERRED INFLOWS OF RESOURCES	21,730,869
NET POSITION	
Net investment in capital assets	37,258,925
Restricted for:	
Long-term emission-reduction projects	892,386,082
Unrestricted	(151,497,814)
TOTAL NET POSITION	\$ 778,147,193

See accompanying notes to the basic financial statements.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
BALANCE SHEET – GOVERNMENTAL FUNDS
June 30, 2021

<u>Assets</u>	General	Mobile Sources Air Pollution	Air Quality Investment	GHG Reduction Projects Special	Community Air Protection AB 134	CMP AB 923	Other Governmental	Total
	Fund	Reduction Fund	Fund	Revenue Fund	Revenue Fund	Fund	Funds	
Cash and cash equivalents	\$ 102,855,562	\$ 105,882,477	\$ 99,724,739	\$ 21,357,221	\$ 159,115,591	\$ 133,378,121	\$ 412,123,303	\$ 1,034,437,014
Interest receivable	158,789	146,575	163,306	12,964	180,036	209,227	647,021	1,517,918
Due from other governmental agencies	7,870,509	2,843,514	-	-	610,000	4,739,190	8,019,036	24,082,249
Due from other funds	2,457,532	-	9,506,694	-	-	-	12,578,495	24,542,721
Accounts receivable, net	2,296,861	-	5,647	-	-	-	1,715,639	4,018,147
Inventories	70,097	-	-	-	-	-	-	70,097
Total assets	<u>115,709,350</u>	<u>108,872,566</u>	<u>109,400,386</u>	<u>21,370,185</u>	<u>159,905,627</u>	<u>138,326,538</u>	<u>435,083,494</u>	<u>1,088,668,146</u>
<u>Deferred Outflow of Resources:</u>								
Deferred outflow of resources	-	-	-	-	-	-	-	-
Combined assets and deferred outflow of resources	<u>\$ 115,709,350</u>	<u>\$ 108,872,566</u>	<u>\$ 109,400,386</u>	<u>\$ 21,370,185</u>	<u>\$ 159,905,627</u>	<u>\$ 138,326,538</u>	<u>\$ 435,083,494</u>	<u>\$ 1,088,668,146</u>
<u>Liabilities, Deferred Inflow of Resources and Fund Balances</u>								
Liabilities:								
Accounts payable and accrued liabilities	\$ 6,736,193	\$ 2,061,209	\$ 452,090	\$ 8,031,382	\$ 13,690,644	\$ 2,425,658	\$ 28,167,359	\$ 61,564,535
Salaries and benefits payable	8,698,495	-	-	-	-	-	-	8,698,495
Due to other funds	-	-	112,843	8,409,491	3,859,696	-	12,160,691	24,542,721
Unearned revenue	10,535,860	-	-	-	-	-	-	10,535,860
Total liabilities	<u>25,970,548</u>	<u>2,061,209</u>	<u>564,933</u>	<u>16,440,873</u>	<u>17,550,340</u>	<u>2,425,658</u>	<u>40,328,050</u>	<u>105,341,611</u>
<u>Deferred Inflow of Resources:</u>								
Deferred inflow of resources	-	-	-	-	610,000	-	591,651	1,201,651
Fund Balances:								
Nonspendable	70,097	-	-	-	-	-	-	70,097
Restricted	-	106,811,357	-	4,929,312	141,745,287	135,900,880	227,118,599	616,505,435
Committed	11,068,442	-	10,529,358	-	-	-	53,006,044	74,603,844
Assigned	6,149,673	-	98,306,095	-	-	-	114,039,150	218,494,918
Unassigned	72,450,590	-	-	-	-	-	-	72,450,590
Total fund balances	<u>89,738,802</u>	<u>106,811,357</u>	<u>108,835,453</u>	<u>4,929,312</u>	<u>141,745,287</u>	<u>135,900,880</u>	<u>394,163,793</u>	<u>982,124,884</u>
Combined liabilities, deferred inflow of resources and fund balances	<u>\$ 115,709,350</u>	<u>\$ 108,872,566</u>	<u>\$ 109,400,386</u>	<u>\$ 21,370,185</u>	<u>\$ 159,905,627</u>	<u>\$ 138,326,538</u>	<u>\$ 435,083,494</u>	<u>\$ 1,088,668,146</u>

See accompanying notes to the basic financial statements.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
RECONCILIATION OF THE GOVERNMENTAL FUNDS BALANCE SHEET
TO THE GOVERNMENT-WIDE STATEMENT OF NET POSITION
June 30, 2021**

Total fund balances – total governmental funds \$ 982,124,884

Amounts reported for governmental activities in the Statement of Net Position are different because:

Capital assets used in governmental activities are not current financial resources and therefore are not reported in the Governmental Funds Balance Sheet. These capital assets net of accumulated depreciation are reported in the Statement of Net Position as capital assets of South Coast AQMD as a whole. 37,258,925

Deferred outflows of resources are not current financial resources and therefore are not reported in the Governmental Fund Balance Sheet. 151,190,612

Interest payable on long-term debt does not require current financial resources. Therefore, interest payable is not reported as a liability in Governmental Funds Balance Sheet. (2,676,631)

Long-term liabilities and deferred inflows are not due and payable in the current period and accordingly are not reported as fund liabilities and deferred inflows. All liabilities and deferred inflows of resources, both current and long-term, are reported in the Statement of Net Position.

Net pension liability	(335,429,877)
Net OPEB liability	(3,414,000)
General liability	(175,900)
Workers' compensation	(881,074)
Compensated absences	(17,523,647)
Pension obligation bonds	(11,796,881)
Deferred inflows of resources related to pension and OPEB	(20,529,218)

Net position of governmental activities	\$ 778,147,193
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See accompanying notes to the basic financial statements.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCES
GOVERNMENTAL FUNDS
For the Year Ended June 30, 2021

	General Fund	Mobile Sources Air Pollution Reduction Fund	Air Quality Investment Fund	GHG Reduction Projects Special Revenue Fund	Community Air Protection AB 134 Revenue Fund	CMP AB 923 Fund	Other Governmental Funds	Total
Revenues:								
Emission fees	\$ 20,215,773	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,215,773
Annual renewal fees	64,570,338	-	-	-	-	-	-	64,570,338
Area Sources	2,369,926	-	-	-	-	-	-	2,369,926
Permit processing fees	16,675,965	-	-	-	-	-	-	16,675,965
Mobile sources/clean fuels	26,200,886	16,765,585	-	-	-	27,942,643	11,023,851	81,932,965
Air Toxics "Hot Spots"	2,545,038	-	-	-	-	-	182,406	2,727,444
Transportation programs	704,936	-	-	-	-	-	-	704,936
State subvention	3,944,728	-	-	-	-	-	-	3,944,728
Federal grant	7,742,660	-	-	-	-	-	2,097,599	9,840,259
State grant	20,071,867	-	-	16,666,910	82,565,676	-	91,111,506	210,415,959
Interest revenue	596,953	570,003	581,332	6,135	687,046	696,366	2,164,811	5,302,646
Lease revenue	124,285	-	-	-	-	-	-	124,285
Source test/analysis fees	265,860	-	-	-	-	-	-	265,860
Hearing Board fees	274,352	-	-	-	-	-	-	274,352
Penalties and settlements	4,714,520	-	-	-	-	-	7,238,550	11,953,070
Other revenues	2,015,743	-	7,521,511	-	-	-	8,159,901	17,697,155
Total revenues	173,033,830	17,335,588	8,102,843	16,673,045	83,252,722	28,639,009	121,978,624	449,015,661
Expenditures:								
Current:								
Salaries and employee benefits	135,197,844	-	-	-	-	-	-	135,197,844
Insurance	1,203,093	-	-	-	-	-	-	1,203,093
Rent	797,754	-	-	-	-	-	-	797,754
Supplies	2,737,608	-	-	-	-	-	-	2,737,608
Contract and special services	11,653,791	13,119,959	6,079,295	24,657,402	88,985,080	17,370,535	79,928,790	241,794,852
Maintenance	1,938,322	-	-	-	-	-	-	1,938,322
Travel and auto	459,515	-	-	-	-	-	-	459,515
Utilities	1,542,238	-	-	-	-	-	-	1,542,238
Communications	1,001,554	-	-	-	-	-	-	1,001,554
Uncollectible accounts	691,419	-	-	-	-	-	-	691,419
Other expenditures	912,567	863,156	-	-	-	-	301,654	2,077,377
Capital outlay	5,316,656	-	-	-	-	-	-	5,316,656
Debt service:								
Principal	3,840,443	-	-	-	-	-	-	3,840,443
Interest	3,353,106	-	-	-	-	-	-	3,353,106
Total expenditures	170,645,910	13,983,115	6,079,295	24,657,402	88,985,080	17,370,535	80,230,444	401,951,781
Excess (deficiency) of revenues over (under) expenditures before transfers	2,387,920	3,352,473	2,023,548	(7,984,357)	(5,732,358)	11,268,474	41,748,180	47,063,880
Other Financing Sources (uses):								
Transfers in	4,895,645	-	-	5,605,704	-	-	6,461,989	16,963,338
Transfers out	(2,081,989)	-	(746,424)	(276,053)	-	-	(13,858,872)	(16,963,338)
Total other financing sources (uses)	2,813,656	-	(746,424)	5,329,651	-	-	(7,396,883)	-
Net change in fund balance	5,201,576	3,352,473	1,277,124	(2,654,706)	(5,732,358)	11,268,474	34,351,297	47,063,880
Fund balances, July 1, 2020	84,537,226	103,458,884	107,558,329	7,584,018	147,477,645	124,632,406	359,812,496	935,061,004
Fund balances, June 30, 2021	\$ 89,738,802	\$ 106,811,357	\$ 108,835,453	\$ 4,929,312	\$ 141,745,287	\$ 135,900,880	\$ 394,163,793	\$ 982,124,884

See accompanying notes to the basic financial statements.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
RECONCILIATION OF THE GOVERNMENTAL FUNDS STATEMENT OF
REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCES TO THE
GOVERNMENT-WIDE STATEMENT OF ACTIVITIES**

For the Year Ended June 30, 2021

Net change in fund balances – total governmental funds	\$ 47,063,880
Amounts reported for governmental activities in the Statement of Activities are different because:	
Governmental funds report capital outlays as expenditures. However, in the Government-wide Statement of Activities and Changes in Net Position, the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense. This is the amount of capital outlays recorded in the current period.	5,316,656
Depreciation and miscellaneous expenses on capital assets is reported in the Government-wide Statement of Activities and Changes in Net Position, but they do not require the use of current financial resources. Therefore, depreciation expense is not reported as expenditures in governmental funds.	(6,572,752)
Pension expense is reported in the Government-wide Statement of Activities and Changes in Net Position, but they do not require the use of current financial resources.	(65,700,279)
Pension contribution made by employer in current fiscal year reduce the net pension liability and do not require current resources.	33,603,205
OPEB expense is reported in the Government-wide Statement of Activities and Changes in Net Position, but they do not require the use of current financial resources.	42,015
OPEB contribution made by employer in current fiscal year reduce the net OPEB liability and do not require current resources.	237,584
Repayment of bond principal is an expenditure in the governmental funds. For South Coast AQMD as a whole, principal payments reduce the liabilities in the Government-wide Statement of Net Position and do not result in an expense in the Statement of Activities and Changes in Net Position.	3,840,443
Accrued interest expense on long-term debt is reported in the Government-wide Statement of Activities and Changes in Net Position, but it does not require the use of current financial resources. Therefore, accrued interest expense is not reported as an expenditure in governmental funds. The amount represents the change in accrued interest from the prior year.	50,477
Long-term compensated absences and general liability/workers' compensation claims are reported in the Government-wide Statement of Activities and Changes in Net Position, but they do not require the use of current financial resources. Therefore, they are not reported as expenditures in governmental funds. The following amounts represent the change from the prior year:	
Compensated absences	(2,190,425)
General and auto liability/workers' compensation claims	(118,811)
Change in net position of governmental activities	\$ 15,571,993

See accompanying notes to the basic financial statements.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021

I. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. The Financial Reporting Entity

The South Coast Air Quality Management District (South Coast AQMD) was established pursuant to the Lewis Air Quality Management Act on February 1, 1977, commencing at Section 40400 of the Health and Safety Code of the State of California. South Coast AQMD encompasses all of Orange County and parts of Los Angeles, San Bernardino, and Riverside Counties. South Coast AQMD operates a network of air monitoring stations, analyzes air quality data and establishes maximum emission levels for stationary, commercial, and industrial facilities that are enforced through South Coast AQMD's permit system.

As defined by generally accepted accounting principles (GAAP) in the United States of America that are established by the Governmental Accounting Standards Board (GASB), the financial reporting entity consists of the primary government and its component units, which are legally separate organizations. The financial statements of South Coast AQMD are prepared in accordance with GAAP.

The accompanying financial statements present the financial activities of South Coast AQMD (primary government) and its blended component unit, South Coast Air Quality Management District Building Corporation (Corporation), an entity for which South Coast AQMD is considered to be financially accountable. Legally separate from South Coast AQMD and as a tax-exempt entity, the Corporation is reported as a governmental fund.

The Corporation was incorporated as a nonprofit corporation under the laws of the State of California on September 21, 1978. The purpose of the Corporation is to finance the acquisition and improvement of a building complex/headquarters of South Coast AQMD. South Coast AQMD Governing Board approves the appointment of the Corporation's Board of Directors. South Coast AQMD has had significant transactions with the Corporation for the construction and improvement of South Coast AQMD's headquarters facility. It is legally separate from South Coast AQMD and a tax-exempt entity under Section 501(c)(4) of the Internal Revenue Code.

Separate financial statements for the Corporation may be obtained from South Coast AQMD's Finance Office located at 21865 Copley Drive, Diamond Bar, California 91765.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021

B. Measurement Focus, Basis of Accounting, and Financial Statement Presentation

The basic financial statements of South Coast AQMD are composed of the following:

- Government-wide financial statements
- Governmental fund financial statements
- Notes to the basic financial statements

Government-wide Financial Statements

The government-wide financial statements (Statement of Net Position and Statement of Activities) present summaries of governmental activities of South Coast AQMD as a whole. These statements are presented using the economic resources measurement focus and the accrual basis of accounting. Accordingly, all of South Coast AQMD's assets and liabilities including capital assets and long-term liabilities are included in the accompanying Statement of Net Position. Revenues are recognized in the period in which they are earned while expenses are recognized in the period in which the liability is incurred, regardless of the timing of related cash flows.

Amounts paid to acquire capital assets are capitalized as assets in the government-wide financial statements rather than reporting them as expenditures. Proceeds of long-term debt are also recorded in the government-wide financial statements as a liability, rather than as another financing source. Amounts paid to reduce long-term indebtedness of the reporting government are reported as a reduction of the related liability, rather than as an expenditure.

The Statement of Activities demonstrates the degree to which the direct expenses of a given functional activity are offset by program revenues directly related to the functional activity. Direct expenses are those that are clearly identifiable with a specific functional activity.

The types of transactions reported as program revenues are reported in three categories: 1) fees and charges including stationary source fees from permitted facilities and mobile source fees from motor vehicle registrations; 2) operating grants and subventions that are in support of air pollution program activities; and 3) long-term emission reduction projects which include capital grants and contributions which are mostly restricted. Program expenses are subtracted from program revenues to present the net cost of each functional activity. Interest income and other miscellaneous items not properly included among program revenues are reported as general revenues.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021

South Coast AQMD's functional activities are broken down into the following ten categories:

- Advance clean air technology
- Ensure compliance with clean air rules
- Customer service and business assistance
- Develop programs to achieve clean air
- Develop rules to achieve clean air
- Monitoring air quality
- Timely review of permits
- Policy support
- Interest on long-term debt, and
- Long-term emission reduction projects

When both restricted and unrestricted resources are available for use, it is South Coast AQMD's policy to use restricted resources first within the restricted activities, then use the unrestricted resources as they are needed.

Fund financial statements for the primary government's governmental funds are presented after the government-wide financial statements.

Governmental Fund Financial Statements

Governmental fund financial statements include a Balance Sheet and a Statement of Revenues, Expenditures, and Changes in Fund Balances for all major governmental funds and non-major funds aggregated. The funds designated as major funds are determined by a mathematical calculation consistent with GASB Statement No. 34.

South Coast AQMD has presented all major funds that met those qualifications. These major funds are Mobile Sources Air Pollution Reduction Fund, Air Quality Investment Fund, GHG Reduction Projects Special Revenue Fund, Community Air Protection AB 134 Fund, and Carl Moyer Program (CMP) AB 923 Special Revenue Fund, in addition to the General Fund.

A reconciliation of the Fund Financial Statements to the Government-wide Financial Statements is provided to explain the differences as a result of the integrated approach of GASB Statement No. 34 reporting.

All governmental funds are accounted for on a spending or current financial resources measurement focus and the modified accrual basis of accounting. Accordingly, only current assets and current liabilities are generally included in the Balance Sheets. The

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021

Statement of Revenues, Expenditures, and Changes in Fund Balances presents increases (revenues and other financing sources) and decreases (expenditures and other financing uses) in net current assets. Revenues are recognized in the accounting period in which they become measurable and available to finance expenditures of the current period. They are considered to be available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, South Coast AQMD considers revenues to be available if they are collected generally within 90 days after year-end to be available to finance the expenditures accrued for the reporting period. The primary revenue sources which have been treated as susceptible to accrual by South Coast AQMD are as follows: emissions flat fees, permit fees, air toxics “Hot Spots” fees, and source test/analysis fees from stationary sources; clean fuels revenues from stationary sources; federal and state grants under grants and subventions and interest under general revenues. All other revenue items are recorded when received in cash. Expenditures are recognized in the accounting period in which the related fund liability is incurred, if measurable, except for debt service expenditures, as well as expenditures related to compensated absences, which are recognized when payment is due.

Amounts expended to acquire capital assets are recorded as capital outlay expenditures in the year that resources were expended rather than recording them as fund assets. The proceeds of long-term debt are recorded as other financing sources rather than as fund liability. Amounts paid to reduce long-term indebtedness are reported as debt service expenditures.

C. Fund Types and Major Funds

As noted earlier, the funds designated as major funds are determined in accordance with GASB Statement No. 34.

South Coast AQMD reports the following major governmental funds:

General Fund – This is the primary operating fund of South Coast AQMD and is used to record transactions relating to its general business operations. It is also used to account for all revenues and expenditures that are not required to be accounted for in another fund.

Special Revenue Funds – These funds are used to record transactions applicable to specific revenue sources that are legally restricted to expenditures for specific purposes. The following are South Coast AQMD’s major special revenue funds:

- Mobile Sources Air Pollution Reduction Fund – Used to account for 30% of the revenue received by South Coast AQMD from the motor vehicle registration fees under the provisions of Sections 44243 and 44244 of the California Health and Safety Code. This money is used to provide grants to fund projects for the purpose of reducing air

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021

pollution from motor vehicles within the justification of the South Coast AQMD. Total projects to date amount to over \$502 million and over 15,500 tons of emissions reduced. This special fund was established in fiscal year 1992.

- Air Quality Investment Fund – To account for revenue from employers with 250 or more employees at a worksite who are subject to Rule 2202. This revenue is used to purchase emissions reductions credits to meet the required target. To date, \$47.9 million in projects have been awarded to purchase over 34,071 tons of emission reductions. Starting April 2017, this fund was used to process rebates for South Coast AQMD’s Residential Electric Lawn Mower Rebate Program. As of June 2021, a total of 2,160 lawn mowers were exchanged, providing emissions reductions in the South Coast Air Basin of approximately 1.2 tons/year VOSs, 0.08 tons/year NOx and 0.05 tons/year PM10. A total of \$457,954 in funding has been spent.
 - RECLAIM AQIP – Established in fiscal year 2001 to separately account for the generation of NOx (Oxides of Nitrogen) credits at stationary and mobile sources for use by certain small or new RECLAIM (Regional Clean Air Incentives Market) participants. AQIP stands for Air Quality Investment Program.
 - RECLAIM and Executive Order Mitigation – Established in fiscal year 2001 to account for mitigation fee payments made by power generators in lieu of emission offsets. Proceeds are used to generate RECLAIM Trading Credits (RTCs) to offset excess emissions.
 - Rule 1121 Mitigation Fee Program – Established in fiscal year 2004 to issue program announcements for projects under the Rule 1121 Mitigation Fee Program. Under Rule 1121 - Control of Nitrogen Oxides (NOx) from Residential Type, Natural Gas Fired Water Heaters, emission mitigation fees are collected from water heater manufacturers to fund stationary and mobile source emission reduction projects targeted at offsetting NOx emission.
 - Rule 1111 Mitigation Fee Program – Established in fiscal year 2010 to account for mitigation fee payments made by manufacturers for fan-type central furnaces. Rule 1111 requires manufacturers to certify that each furnace model offered for sale complies with the emission limit. In lieu of meeting the lower emission limit, Rule 1111 has provided manufacturers an alternate compliance option of paying a per-unit mitigation fee for up to 4 to 4.5 years past the applicable compliance date, depending on the furnace type, which includes non-condensing, condensing, weatherized, and mobile home furnaces.
- Green House Gas (GHG) Reduction Projects Special Revenue Fund – Established in fiscal year 2016 to account for the projects funded by CARB’s Low Carbon Transportation Green House Gas Reduction Fund Investments.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021

- Community Air Protection AB 134 Fund – Established in fiscal year 2018 to recognize the first allocation of AB 617 Community Air Protection incentive funds (AB 134 revenue) from CARB. This fund is used to recognize additional Community Air Protection incentive funds awarded and received by CARB. These funds are intended to implement projects that are identified in approved AB 617 Community Emissions Reduction Plans and in other communities that are disproportionately impacted by air pollution. Requirements for expenditure of these funds will be specified in the grant agreements provided by CARB.
- Carl Moyer Program (CMP) AB 923 Fund - Established in fiscal year 2008 to provide additional funding for the Carl Moyer Program from an adjustment to the tire fee and authorizes local air districts to increase motor vehicle registration fees by up to \$2 for programs to reduce air pollution. AB 923 has expanded the Carl Moyer incentive program to include agricultural sources of air pollution as well as buses, cars and on and off-road equipment. The program targets reductions in nitrogen oxide, hydrocarbon, and particulate matter emissions. About \$4 million per year in AB 923 funds are used to fund projects as match requirement to the Carl Moyer Program.

D. Assets, Liabilities, and Deferred Outflows/Inflows of Resources, and Net Position/Fund Balance

1. Cash, Pooled Cash, and Investments

Cash includes amounts to conduct daily operations of South Coast AQMD in demand deposits with the Los Angeles County Treasurer and various financial institutions. South Coast AQMD deposits virtually all of its cash with the Treasurer of the County of Los Angeles. South Coast AQMD's deposits, along with funds from other local agencies such as the county government, other school districts, and special districts, make up a pool, which the County Treasurer manages for investment purposes. Earnings from the pooled investments are allocated to participating funds based on average investments in the pool during the allocation period.

All South Coast AQMD directed investments are to diversify South Coast AQMD's investments and are in compliance with South Coast AQMD's investment policy and Los Angeles County Treasury investment guidelines. The guidelines limit specific investments to United States Agency securities. The South Coast AQMD securities portfolio is held by the County Treasurer. Interest earned on investments is recorded as revenue of the fund from which the investment was made. All South Coast AQMD investments are stated at fair value based on quoted market prices.

2. Capital Assets and Depreciation

Under GASB Statement No. 34, all capital assets, whether owned by governmental activities or business-type activities are recorded and depreciated in the

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government- wide financial statements. No long-term capital assets or depreciation are shown in the governmental funds financial statements.

Capital assets, which include land, equipment, vehicles, furniture, buildings and improvements, software and other intangible assets are reported at cost unless obtained by donation in which case the assets are recorded at the acquisition value at the date of receipt. Capital asset purchases with values of at least \$5,000 and with an expected useful life of three years or more are capitalized.

The costs of normal maintenance and repairs that do not add to the value of the capital asset or materially extend capital assets lives are not capitalized. Major improvements are capitalized and depreciated over the remaining useful lives of the related capital assets. Assets disposed of or no longer required for its existing use are removed from the records at actual or estimated cost.

Depreciation is charged as an expense against operations, and accumulated depreciation is reported on the respective balance sheet. Property, plant, equipment, vehicles and furniture of South Coast AQMD are depreciated using the straight-line method over the following useful lives:

<u>Assets</u>	<u>Years</u>
Buildings and Improvements	15-30
Equipment, vehicles and furniture	5-7
Software and Systems	3-5

3. Inventories

Inventories as determined by annual physical counts are valued at cost using the first- in/first-out (FIFO) method. They consist principally of office, computer, cleaning and laboratory supplies. The cost is recorded as an expense as inventory items are consumed.

4. Compensated Absences

Regular full-time employees accumulate earned but unused vacation time, sick leave, compensatory time, and other leave time. Certain restrictions apply with respect to the accumulation of leave time and its payment at termination. All vacation, sick leave, compensatory time, and other leave time are accrued when incurred in the government-wide financial statements. A liability for these amounts is reported in governmental funds only if they have matured, for example, as a result of employee resignation and retirement.

5. Self-Insurance

South Coast AQMD is self-insured for general, automobile, and workers' compensation liabilities (See note VIII).

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6. Long-term Obligations

In the government-wide financial statements, long-term debt and other long-term obligations are reported as liabilities in the statement of net position. Bond premiums and discounts are deferred and amortized over the life of the bonds using the straight-line method. Bonds payable are reported net of applicable bond premium or discount.

In the fund financial statements, governmental fund types recognize bond premiums and discounts, as well as bond issuance costs, during the current period. The face amount of debt issued is reported as other financing sources. Premiums received on debt issuances are reported as other financing uses. Issuance costs, whether or not withheld from the actual debt proceeds received, are reported as debt service expenditures.

7. Deferred Outflows/Inflows of Resources

In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then.

In addition to liabilities, the statement of net position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time.

8. Pensions

For purposes of measuring the net pension liability, deferred outflows of resources, deferred inflows of resources, and pension expense related to pensions, information about the fiduciary net position of the San Bernardino County Employees' Retirement Association (SBCERA) and Los Angeles County Employees' Retirement Association (LACERA) and additions to/deductions from SBCERA's fiduciary net position have been determined on the same basis as they are reported by SBCERA and LACERA. For this purpose, employer and employee contributions are recognized in the period the related salaries are earned and become measurable pursuant to formal commitments, statutory or contractual requirements, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms, and investments are reported at fair value.

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9. Other Postemployment Benefits (OPEB)

For purposes of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the LACERA's plan (OPEB Plan) and additions to/deductions from the OPEB Plan's fiduciary net position have been determined on the same basis. For this purpose, benefit payments are recognized when currently due and payable in accordance with the benefit terms. Investments are reported at fair value, which are derived from quoted market prices.

10. Net Position and Fund Balance Classifications

Net position represents the difference between assets and deferred outflow of resources, and liabilities and deferred inflow of resources on the government-wide financial statements. Net position is classified in the following categories:

Net Investment in Capital Assets

This category groups all capital assets, including infrastructure and intangibles, into one component of net position. Accumulated depreciation and the outstanding balances of debt that are attributable to the acquisition, construction or improvement of these assets reduce this category.

Restricted Net Position

This category presents external restrictions imposed by creditors, grantors, contributors or laws or regulations of other governments and restrictions imposed by law through constitutional provisions enabling legislation.

Unrestricted Net Position

This category represents the residual net position of South Coast AQMD in excess of what can properly be classified in one of the other two categories mentioned above.

Fund Balance Classifications

The governmental fund financial statements present fund balances based on classifications that comprise hierarchy that is based primarily on the extent to which South Coast AQMD is bound to honor constraints on the specific purposes for which amounts can be spent.

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The fund balance classifications used in the governmental fund financial statements are as follows:

Nonspendable – amounts that cannot be spent either because they are not in spendable form or because they are legally or contractually required to be maintained intact.

Restricted – amounts that can be spent only for specific purposes because of constitutional provisions or enabling legislation or because of constraints that are externally imposed by creditors, grantors, contributors, or the laws or regulations of other governments.

Committed – amounts that can be spent only for specific purposes determined by a formal action of the government’s highest level of decision-making authority. The Governing Board, as the highest level of decision-making authority, has the ability to commit fund balances through the adoption of a resolution. These committed amounts cannot be used for any other purpose unless the Governing Board removes or modifies the use through the adoption of a subsequent resolution.

Assigned – amounts that do not meet the criteria to be classified as restricted or committed but that are intended to be used for specific purposes. South Coast AQMD’s adopted policy requires the Board to assign amounts to specific purposes.

Unassigned – this classification includes the residual fund balance for the General Fund. It also includes the negative residual fund balance of any other governmental fund that cannot be eliminated by offsetting assigned fund balance amounts.

When both restricted and unrestricted resources are available for use, it is South Coast AQMD’s policy to use restricted resources first and then unrestricted resources as they are needed. When using unrestricted fund balance amounts, South Coast AQMD’s Governing Board approved policy is to use committed amounts first, followed by assigned and then unassigned.

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The following schedule shows the details of the fund balances as of June 30, 2021:

Major Governmental Funds

	<u>General Fund</u>	<u>Mobile Sources Air Pollution Reduction Fund</u>	<u>Air Quality Investment Fund</u>	<u>GHG Reduction Projects Special Revenue Fund</u>	<u>Community Air Protection AB134 Revenue Fund</u>	<u>CMP AB923 Fund</u>	<u>Other Governmental Funds</u>	<u>Total</u>
Fund Balance								
Nonspendable:								
Inventory	\$ 70,097	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,097
Total nonspendable	<u>70,097</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>70,097</u>
Restricted:								
Long term emission reduction projects	-	106,811,357	-	4,929,312	141,745,287	135,900,880	227,118,599	616,505,435
Total restricted	<u>-</u>	<u>106,811,357</u>	<u>-</u>	<u>4,929,312</u>	<u>141,745,287</u>	<u>135,900,880</u>	<u>227,118,599</u>	<u>616,505,435</u>
Committed:								
Advance clean air technology	570,151	-	-	-	-	-	-	570,151
Ensure compliance with clean air rules	714,258	-	-	-	-	-	-	714,258
Customer service and business assistance	2,638,129	-	-	-	-	-	-	2,638,129
Develop programs to achieve clean air	647,816	-	-	-	-	-	-	647,816
Develop rules to achieve clean air	378,068	-	-	-	-	-	-	378,068
Monitoring air quality	4,693,024	-	-	-	-	-	-	4,693,024
Timely review of permits	429,736	-	-	-	-	-	-	429,736
Policy support	997,260	-	-	-	-	-	-	997,260
Long term emission reduction projects	-	-	10,529,358	-	-	-	53,006,044	63,535,402
Total committed	<u>11,068,442</u>	<u>-</u>	<u>10,529,358</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>53,006,044</u>	<u>74,603,844</u>
Assigned:								
Long term emission reduction projects	-	-	98,306,095	-	-	-	114,039,150	212,345,245
For self insurance	2,000,000	-	-	-	-	-	-	2,000,000
For unemployment claims	80,000	-	-	-	-	-	-	80,000
For permit streamlining	234,159	-	-	-	-	-	-	234,159
For enhanced compliance activity	883,018	-	-	-	-	-	-	883,018
For OPEB obligations	2,952,496	-	-	-	-	-	-	2,952,496
Total assigned	<u>6,149,673</u>	<u>-</u>	<u>98,306,095</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>114,039,150</u>	<u>218,494,918</u>
Unassigned:								
General Purpose	72,450,590	-	-	-	-	-	-	72,450,590
Long term emission reduction projects	-	-	-	-	-	-	-	-
Total unassigned	<u>72,450,590</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>72,450,590</u>
Total fund balances	<u>\$ 89,738,802</u>	<u>\$ 106,811,357</u>	<u>\$ 108,835,453</u>	<u>\$ 4,929,312</u>	<u>\$ 141,745,287</u>	<u>\$ 135,900,880</u>	<u>\$ 394,163,793</u>	<u>\$ 982,124,884</u>

See accompanying notes to the basic financial statements.

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E. Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the revenues and expenses during the reporting period. Actual results could differ from those estimates.

F. Adoption of New GASB Pronouncements

GASB Statement No. 84, *Fiduciary Activities*

This Statement establishes criteria for identifying fiduciary activities for accounting and financial reporting purposes. The focus of the criteria is generally on (1) whether a government is controlling the assets of the fiduciary activity and (2) the beneficiaries with whom a fiduciary relationship exists. Separate criteria are included to identify fiduciary component units and postemployment benefit arrangements that are fiduciary activities. This Statement is effective for reporting periods beginning after December 15, 2019. South Coast AQMD adopted this statement and recategorized the activities in the governmental fund.

GASB Statement No. 90, *Majority Equity Interests—an amendment of GASB Statements No. 14 and No. 61*

This Statement improves the consistency and comparability of reporting a government’s majority equity interest in a legally separate organization and to improves the relevance of financial statement information for certain component units. It defines a majority equity interest and specifics that a majority equity interest in a legally separate organization should be reported as an investment if a government’s holding of the equity interest meets the definition of an investment. This Statement is effective for reporting periods beginning after December 15, 2019. This Statement did not have any impact on South Coast AQMD’s financial statement.

II. CASH, POOLED CASH AND INVESTMENT

The following is a summary of the cash, pooled cash, and investments for the primary government at June 30, 2021:

Cash on hand	\$	1,168,626
Cash in bank		278,124
Pooled cash		<u>1,032,990,264</u>
Cash, pooled cash, and investments	\$	<u><u>1,034,437,014</u></u>

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CASH

At June 30, 2021, the carrying amount of South Coast AQMD's bank deposits was \$278,124 and the bank balance was \$287,462. The amount covered and insured by Federal Deposit Insurance Corporation (FDIC) was up to \$250,000. The bank deposits and the bank balance exceed FDIC by \$28,124 and \$37,462, respectively. Management believes that South Coast AQMD is not exposed to any significant credit risk related to cash in bank. Cash on hand consists of cash and checks not deposited as of June 30, 2021.

POOLED CASH

South Coast AQMD's pooled cash and investments are held in the Los Angeles County Pooled Surplus Investment Fund Portfolio (PSI), the Los Angeles County Specific Purpose Investment Portfolio (SPI), and the State of California Local Agency Investment Fund (LAIF). Pooled cash and investments are held in accordance with California Government Code, South Coast AQMD Investment Policy, Los Angeles County Treasurer Investment Policy and LAIF Policies, Goals, and Objectives.

Los Angeles County Pooled Surplus Investment Fund Portfolio (PSI)

South Coast AQMD is a voluntary participant in the Los Angeles County Pooled Surplus Investment Fund Portfolio (PSI), an external investment pool managed by the Los Angeles County Treasurer who reports on a monthly basis to its Board of Supervisors. Its Treasury Oversight Committee reviews and monitors its investment policy. The investment policy is governed by applicable California Government Code. Investments held are stated at fair value. The fair value of pooled cash is determined monthly and is based on current market prices.

State of California Local Agency Investment Fund (LAIF)

South Coast AQMD is a voluntary participant in the State of California Local Agency Investment Fund (LAIF), an external investment pool that is regulated by California Government Code Section 16429 under the oversight of the Treasurer of the State of California.

LAIF is part of the Pooled Money Investment Account (PMIA) and has oversight provided by the Pooled Money Investment Board (PMIB) and an in-house Investment Committee. The PMIB Board members are the State Treasurer, Director of Finance and the State Controller. Additionally, LAIF has oversight by the Local Investment Advisory Board, which consists of five members, as designated by statute. The Chairman is the State Treasurer, who appoints the other four members to two-year terms.

The fair value of South Coast AQMD's investment in this pool is reported in the accompanying financial statements at amounts based upon South Coast AQMD's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records of LAIF, which are recorded on an amortized cost basis.

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The following table summarizes South Coast AQMD's cash and pooled cash and maturities at June 30, 2021:

	Investment Maturities			
	Fair Value	<1 Year	1-2 Years	2-3 Years
Cash:				
On hand	\$ 1,168,626	\$ -	\$ -	\$ -
In bank	278,124	-	-	-
Total cash	<u>1,446,750</u>	<u>-</u>	<u>-</u>	<u>-</u>
Pooled cash:				
Los Angeles County				
Pooled Surplus Investment (PSI)	996,013,254	630,874,795	365,138,459	-
Local Agency				
Investment Fund (LAIF)	<u>36,977,010</u>	<u>36,977,010</u>	<u>-</u>	<u>-</u>
Total pooled cash	<u>1,032,990,264</u>	<u>667,851,805</u>	<u>365,138,459</u>	<u>-</u>
Total cash and pooled cash investments	\$ <u>1,034,437,014</u>	\$ <u>667,851,805</u>	\$ <u>365,138,459</u>	\$ <u>-</u>

INVESTMENTS

South Coast AQMD categorized its fair value measurement within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the assets. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 is significant unobservable inputs.

Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment is, the greater the sensitivity of its fair value to changes in interest rates. As a means of limiting its exposure to declines in fair value, the South Coast AQMD Investment Policy limits its investment portfolio of SPI with the County of Los Angeles to maturities of less than five years at time of purchase and the weighted average maturity of the SPI portfolio may not exceed three years.

Credit Risk

Credit risk is the risk of default or the inability of an issuer of an investment to fulfill its obligation to the holder of the investment. South Coast AQMD mitigates its credit risk in the SPI portfolio generally by following its three primary investment objectives, in order of safety, liquidity, and yield. South Coast AQMD's Investment Policy further requires only permitted investments with specific credit quality requirements.

The Los Angeles County PSI and the State of California LAIF are both unrated as to credit quality.

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Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a investments in a single issuer. South Coast AQMD's Investment Policy mitigates concentration of credit risk through diversification requirements so that no one type of issuer or issue will have a disproportionate impact on the portfolio.

Custodial Credit Risk

Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, South Coast AQMD will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. Custodial credit risk for investments is the risk that South Coast AQMD will not be able to recover the value of its investment securities that are in the possession of an outside party. South Coast AQMD's deposits are fully insured by the FDIC, pooled cash with the Los Angeles County PSI and the State of California LAIF are not subject to custodial credit risk.

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III. DUE FROM OTHER GOVERNMENT AGENCIES AND ACCOUNTS RECEIVABLE

Due from other government agencies at June 30, 2021 consists of the following:

California Energy Commission (CEC)	\$ 1,255,617
Department of Energy	88,874
Department of Homeland Security (DHS)	331,873
Department of Motor Vehicles	
AB 2766, SB 1928, AB 923	16,574,259
Environmental Protection Agency (EPA)	
DERA Bus Administration	727,980
National Air Toxics Trend Station (NATTS)	25,703
Section 103 Community Scale Air Toxics Grant	268,801
Section 103 PM 2.5 Grant	302,676
Section 105 Air Grant	3,975,514
STAR Grant	156,062
Targeted Air Shed Grant Administration	<u>374,890</u>
Total	<u>\$ 24,082,249</u>

Accounts Receivable consists of the following at June 30, 2021:

Air Toxics "Hot Spots", Emission Fees, Permits, Annuals and Source Testing	\$ 4,742,320
Miscellaneous Receivables	
	<u>1,044,172</u>
Subtotal	5,786,492
Less: Allowance for Doubtful Accounts	<u>(1,768,345)</u>
Total	<u>\$ 4,018,147</u>

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IV. INTERFUND RECEIVABLES, PAYABLES, AND TRANSFERS

Due to/from other funds:

<u>Receivable Fund</u>	<u>Amount</u>	<u>Payable Fund</u>	<u>Amount</u>
General Fund	\$ 2,457,532	Air Toxics Fund	\$ 235,511
		Advanced Technology, Outreach & Education Fund	19,385
		Air Quality Investment Fund	112,843
		Clean Fuels Program Fund	319,521
		Carl Moyer Fund (old CM, Prop 40, SB1107)	218,957
		CARB ERC Bank Fund	27,089
		State BUG Program Fund	124
		Rule 1118 Mitigation Fund	101,996
		HEROS II Special Revenue Fund	26,887
		AB 1318 Mitigation Fees Fund	5,273
		GHG Reduction Projects Special Revenue Fund	60,844
		Community Air Protection AB 134 Fund	854,339
		VW Mitigation Special Revenue Fund	158,227
		Prop 1B Funding – Goods Movement	268,450
		Clean Shipping Tech Demo Fund	32,580
		Aliso Canyon Air Filtration Special Revenue Fund	15,506
	<u>\$ 2,457,532</u>		<u>\$ 2,457,532</u>
Air Quality Investment Fund	<u>\$ 9,506,694</u>	Clean Shipping Tech Demo Fund	<u>\$ 9,506,694</u>
	<u>\$ 9,506,694</u>		<u>\$ 9,506,694</u>
Clean Fuels Program Fund	\$ 9,573,137	Advanced Technology, Outreach & Educational Fund	\$ 500,000
		Advanced Technology Goods Movement Fund	724,490
		GHG Reduction Projects Special Revenue Fund	8,348,647
	<u>\$ 9,573,137</u>		<u>\$ 9,573,137</u>
Prop 1B Funding-Goods Movement	<u>\$ 3,005,358</u>	Community Air Protection AB 134 Fund	<u>\$ 3,005,358</u>
	<u>\$ 3,005,358</u>		<u>\$ 3,005,358</u>
Total Receivables	<u>\$ 24,542,721</u>	Total Payables	<u>\$ 24,542,721</u>

The outstanding balances between funds result mainly from the time lag between the date that: (1) interfund reimbursable expenditures occur, (2) transactions are recorded in the accounting system, and (3) payments between funds are made.

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<u>Fund Transferred From</u>	<u>Fund Transferred to</u>			<u>Total</u>
	<u>General Fund</u>	<u>GHG Reduction Projects Fund</u>	<u>Other Governmental Funds</u>	
General Fund	\$ -	\$ -	\$ 2,081,989	\$ 2,081,989
Air Quality Investment Fund	96,424	-	650,000	746,424
GHG Reduction Projects SR Fund	276,053	-	-	276,053
Other Governmental Fund	<u>4,523,168</u>	<u>5,605,704</u>	<u>3,730,000</u>	<u>13,858,872</u>
	<u>\$ 4,895,645</u>	<u>\$ 5,605,704</u>	<u>\$ 6,461,989</u>	<u>\$ 16,963,338</u>

South Coast AQMD's Governing Board approved the following:

- Transfer \$1,276,989 from the General Fund to Health Effects Research Fund to fund a number of research projects.
- Transfer \$2,205,000 from the Clean Fuels Program Fund for South Coast AQMD's project cost-share to the Advanced Technology, Outreach and Education Fund.
- Transfer \$25,000 from the Clean Fuels Program Fund into the Natural Gas Vehicle Partnership Fund for South Coast AQMD's two-year membership.
- Transfer \$5,605,704 from the Clean Fuels Program Fund into the GHG Reduction Projects Special Revenue Fund for South Coast AQMD's project cost-share.
- Return \$500,000 from Advanced Technology Goods Movement Fund to the Clean Fuel Program Fund due to additional co-funding for the project that was received.
- Transfer \$861,000 from the Rule 1180 Special Revenue Fund to General Fund for Services & Supplies and Capital Outlays appropriations.
- Transfer \$350,000 from Air Quality Investment Fund Rule 1111 into Advanced Technology, Outreach and Education fund to provide additional funding for the Plus-Up discount on eligible lawn and garden equipment.
- Transfer \$300,000 from Air Quality Investment Fund Rule 1111 for South Coast AQMD's project cost-share into the Clean Shipping Technology Demonstration Special Revenue fund to retrofit an ocean-going vessel.
- Transfer \$1,000,000 from the SoCalGas Settlement Special Revenue Fund to the Aliso Fund Porter Ranch SEP Special Revenue Fund to develop a real-time air monitoring network and symptom and incident reporting system in Porter Ranch and in the communities surrounding the SoCalGas Aliso Canyon natural gas storage facility.
- Return \$805,000 unspent funds from the General Fund to Rule 1180 Special Revenue Fund when funds were initially appropriated for Services & Supplies and Capital Outlays.
- Transfer of \$1,000,000 from BP ARCO Settlement Projects Fund to the General Fund for Why Healthy Air Matters (WHAM) education program.

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V. CAPITAL ASSETS

In compliance with GASB Statement No. 34 reporting, South Coast AQMD has reported all capital assets in the Government-wide Statement of Net Position. Capital asset activities for the year ended June 30, 2021 were as follows:

	Balance June 30, 2020	Increase	Decrease	Balance June 30, 2021
Governmental Activities:				
Capital assets not being depreciated:				
Land	\$ 8,829,792	\$ -	\$ -	\$ 8,829,792
Total capital assets not being depreciated	<u>8,829,792</u>	<u>-</u>	<u>-</u>	<u>8,829,792</u>
Capital Assets being depreciated:				
Buildings and improvements	79,635,837	534,626	-	80,170,463
Intangibles (software)	11,295,283	1,440,020	-	12,735,303
Equipment, vehicles and furniture	38,257,053	3,342,010	(1,342,942)	40,256,121
Total capital assets being depreciated	<u>129,188,173</u>	<u>5,316,656</u>	<u>(1,342,942)</u>	<u>133,161,887</u>
Governmental Activities:				
Less Accumulated Depreciation for:				
Buildings and improvements	(71,014,012)	(2,688,488)	-	(73,702,500)
Intangibles (software)	(3,353,036)	(925,115)	-	(4,278,151)
Equipment, vehicles and furniture	(25,135,896)	(2,947,763)	1,331,556	(26,752,103)
Total accumulated depreciation	<u>(99,502,944)</u>	<u>(6,561,366)</u>	<u>1,331,556</u>	<u>(104,732,754)</u>
Net capital assets being depreciated	<u>29,685,229</u>	<u>(1,244,710)</u>	<u>(11,386)</u>	<u>28,429,133</u>
Net capital assets, governmental activities	<u>\$ 38,515,021</u>	<u>\$ (1,244,710)</u>	<u>\$ (11,386)</u>	<u>\$ 37,258,925</u>

For the year ended June 30, 2021, the depreciation expense of \$6,561,366 was charged to South Coast AQMD's functions/programs in the governmental activities as follows:

Advance clean air technology	\$ 296,562
Ensure compliance with clean air rules	1,750,876
Customer service and business assistance	406,888
Develop programs to achieve clean air	447,716
Develop rules to achieve clean air	340,551
Monitoring air quality	2,505,262
Timely review of permits	743,805
Policy support	<u>69,706</u>
Total depreciation expense	<u>\$ 6,561,366</u>

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June 30, 2021

VI. DEFERRED OUTFLOWS/DEFERRED INFLOWS OF RESOURCES, PENSION, AND OPEB

The following is a summary of deferred outflows of resources and deferred inflows of resources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Deferred outflows of resources – Pension (SBCERA) (see note IX for details)	\$ 150,953,028	\$ -
Deferred inflows of resources – Pension (SBCERA) (see note IX for details)	-	20,113,218
Deferred outflows of resources – OPEB (LACERA) (see note X for details)	237,584	-
Deferred inflows of resources – OPEB (LACERA) (see note X for details)	-	416,000
Total	<u>\$ 151,190,612</u>	<u>\$ 20,529,218</u>

The following is a summary of pension and OPEB Balances:

	<u>SBCERA</u>	<u>LACERA</u>	<u>Total</u>
Pension:			
Net Pension liability	\$ 335,429,877	\$ -	\$ 335,429,877
Pension expense	65,700,279	-	65,700,279
Pension contributions made in fiscal year 2020-21	33,603,205	-	33,603,205
OPEB:			
Net OPEB liability	-	3,414,000	3,414,000
OPEB expense	-	240,984	240,984
OPEB contributions made in fiscal year 2020-21	-	237,584	237,584

VII. LONG-TERM DEBT

The following is a summary of long-term obligation transactions of the South Coast AQMD for the year ended June 30, 2021:

	<u>Balance July 1, 2020</u>	<u>Addition</u>	<u>Reduction</u>	<u>Balance June 30, 2021</u>	<u>Amounts Due Within One Year</u>	<u>Amounts Due in More Than One Year</u>
Governmental Activities:						
Claims payable:						
General liability	\$ 73,000	\$ 402,757	\$ 299,857	\$ 175,900	\$ 6,103	\$ 169,797
Workers' compensation	865,163	2,003,644	1,987,733	881,074	319,335	561,739
Compensated absences	15,333,222	3,531,352	1,340,927	17,523,647	1,475,810	16,047,837
Pension Obligation Bonds	<u>15,637,324</u>	<u>-</u>	<u>3,840,443</u>	<u>11,796,881</u>	<u>4,006,881</u>	<u>7,790,000</u>
Total	<u>\$ 31,908,709</u>	<u>\$ 5,937,753</u>	<u>\$ 7,468,960</u>	<u>\$ 30,377,502</u>	<u>\$ 5,808,129</u>	<u>\$ 24,569,373</u>

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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In prior years, claims payable and compensated absences have been liquidated primarily by the General Fund.

1995 Pension Obligation Bonds

On December 1, 1995, South Coast AQMD, jointly with the County of San Bernardino, issued bonds to retire the Unfunded Actuarial Accrued Liability (UAAL) due to San Bernardino County Employees' Retirement Association (SBCERA). South Coast AQMD issued a \$34,261,896 aggregate principal amount to refund its portion of the obligation to SBCERA. The interest rates range from 5.68% to 7.72% with maturity date of August 1, 2021. The purpose of this refunding was to lower the cost to South Coast AQMD through the issuance of bonds at rates that are lower than those assessed by SBCERA and to restructure its debt service from an ascending to a level-debt-service schedule. At the time of refunding these changes were expected to result in estimated total gross debt service savings of \$20,151,420 through June 30, 2022. During the fiscal year ended June 30, 2021, \$475,443 in principal and \$2,589,557 in interest were paid on the bonds. The principal balance outstanding at June 30, 2021 amounted to \$441,881.

The annual payment requirements under the 1995 pension bond obligation are as follows:

Year Ending	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
<u>June 30</u>			
2022	<u>441,881</u>	\$ <u>2,623,119</u>	<u>3,065,000</u>
Total	<u>441,881</u>	\$ <u>2,623,119</u>	<u>3,065,000</u>

Series 2004 Pension Obligation Bonds

On June 29, 2004, South Coast AQMD issued and sold taxable pension obligation bonds to retire the Unfunded Actuarial Accrued Liability (UAAL) due to the SBCERA. At the time of issuance, it was estimated that the issuance and sale of \$47,030,000 was expected to result in estimated total gross debt service savings of \$22.4 million through August 1, 2023.

The Series 2004 Pension Obligation Bonds are payable on a parity with the 1995 Pension Obligation Bonds. South Coast AQMD may, from time to time, enter into supplemental indentures without the consent of the Bond Owners of the 1995 Bonds or Series 2004 Bonds for the purpose of providing for the issuance of additional series of Pension Obligation Bonds or to refund any other evidences of indebtedness of South Coast AQMD arising pursuant to the Retirement Law. The interest rates range from 4.75% to 5.93% with maturity date of August 1, 2023. During the fiscal year ended June 30, 2021, \$3,365,000 in principal and \$763,549 in interest were paid on the bonds. The principal balance outstanding at June 30, 2021 amounted to \$11,355,000.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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The annual payment requirements under pension bond obligations, Series 2004, are as follows:

Year Ending				
<u>June 30</u>		<u>Principal</u>		<u>Interest</u>
				<u>Total</u>
2022	\$	3,565,000	\$	563,242
2023		3,780,000		348,736
2024		<u>4,010,000</u>		<u>118,897</u>
Total	\$	<u>11,355,000</u>	\$	<u>1,030,875</u>

Allocation of Interest Expenses

Total interest expenses on long-term debt for the year ended June 30, 2021 amounted to \$3,353,106. These interest expenses on long-term debt are not meaningfully associated with individual functional activities. Hence, this is considered an indirect expense and should be reported in the Statement of Activities as a separate line.

VIII. RISK MANAGEMENT

South Coast AQMD’s risk management program is responsible for purchasing insurance when prudent and cost-effective, self-insuring other exposures to loss when feasible.

South Coast AQMD carries \$200 million of all-risk property insurance, with limits of \$100 million on business interruption and \$25 million on earthquake and flood coverage. The limits of liability for general claims is \$10 million. This coverage is supplemented by excess liability policies for boilers & machinery to a limit of \$100 million, and bodily injury/property damage/public officials’ errors and emissions/employment practices liability/personal injury to \$15 million. Self-insured retention levels for excess liability is \$250,000. South Coast AQMD maintains \$25 million excess workers’ compensation insurance for losses over \$750,000. South Coast AQMD also maintains policies to protect against some criminal conduct and cyber-attacks.

As of June 30, 2021, \$175,900 and \$881,074, respectively, had been reserved for general liability claims and workers’ compensation.

An appropriate amount has been recorded in the General Fund’s financial statements to the extent that South Coast AQMD anticipates that these amounts will be paid from current resources. While the ultimate amount of losses incurred through June 30, 2021 is dependent on future development based upon information from the independent claims’ administrator and others involved with the administration of the programs, South Coast AQMD management believes that the aggregate accrual is adequate to cover such losses.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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No significant reduction in insurance coverage occurred during the last three fiscal years. Also, during this period, no claim settlement exceeded insurance coverage.

The following represents changes in the aggregate liabilities for claims of South Coast AQMD's general liability and workers' compensation for the years ended June 30, 2020 and 2021:

	General Liability	Workers' Compensation	Totals
Claims payable, July 1, 2019	\$ 42,500	\$ 1,362,509	\$ 1,405,009
Current year claims and changes in estimates	81,914	2,147,306	2,229,220
Claims payments	(51,414)	(2,644,652)	(2,696,066)
Claims payable, June 30, 2020	<u>\$ 73,000</u>	<u>\$ 865,163</u>	<u>\$ 938,163</u>
Claims payable, July 1, 2020	\$ 73,000	\$ 865,163	\$ 938,163
Current year claims and changes in estimates	402,757	2,003,644	2,406,401
Claims payments	(299,857)	(1,987,733)	(2,287,590)
Claims payable, June 30, 2021	<u>\$ 175,900</u>	<u>\$ 881,074</u>	<u>\$ 1,056,974</u>

IX. DEFINED BENEFIT PENSION PLANS

San Bernardino County Employees' Retirement Association

Plan description

South Coast AQMD participates in the San Bernardino County Employees' Retirement Association (SBCERA) pension plan - a cost-sharing multiple-employer defined benefit pension plan (the Plan). SBCERA administers the Plan which provides benefits for two membership classifications, General and Safety, and those benefits are tiered based upon date of SBCERA membership. South Coast AQMD only has general membership. Generally, those who become members prior to January 1, 2013 are Tier 1 members. All other members are Tier 2. An employee who is appointed to a regular position, whose service is greater than fifty percent of the full standard of hours required are members of SBCERA on the first day of employment, and are provided with pension benefits pursuant to Plan requirements.

The Plan operates under the provisions of the California County Employees' Retirement Law of 1937 (CERL), the California Public Employees' Pension Reform Act of 2013 (PEPRA), and the regulations, procedures and policies adopted SBCERA's Board of Retirement (Board). The Plan's authority to establish and amend the benefit terms are set by the CERL and PEPRA, and may be amended by the California state legislature and in some cases require approval by the County of San Bernardino Board of Supervisors and/or the SBCERA Board. SBCERA is a tax qualified plan under Section 401(a) of the Internal Revenue Code.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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SBCERA is a legally separate entity from South Coast AQMD, not a component unit, and there is no financial interdependency with the County of San Bernardino. For these reasons, the South Coast AQMD’s comprehensive annual financial report excludes the SBCERA pension plan as of June 30, 2021. SBCERA publishes its own comprehensive annual financial report that includes its financial statements and required supplementary information, that can be obtained by writing SBCERA at, 348 W. Hospitality Lane, Third Floor, San Bernardino, CA 92415-0014 or visiting the website at: www.SBCERA.org.

Benefits Provided

SBCERA provides retirement, disability, death and survivor benefits. The CERL and PEPRA establish benefit terms. Retirement benefits are calculated on the basis of age, average final compensation and service credit as follows:

	General – Tier 1	General – Tier 2
Final Average Compensation	Highest 12 months	Highest 36 months
Normal Retirement Age	Age 55	Age 55
Early Retirement: Years of service required and/or age eligible for	Age 70 any years	Age 70 any years
	10 years age 50	5 years age 52
	30 years any age	N/A
Benefit percent per year of service for normal retirement age	At normal retirement age, 2% per year of final average compensation for every year of service credit	At age 67, 2.5% per year of final average compensation for every year of service credit
Benefit adjustments	Reduced before age 55, increased after 55 up to age 65	Reduced before age 67
Final Average Compensation Limitation	Internal Revenue Code section 401(a)(17)	Government Code section 7522.10

An automatic cost of living adjustment is provided to benefit recipients based on changes in the local region Consumer Price Index (CPI) up to a maximum of 2% per year. Any increase greater than 2% is banked and may be used in years where the CPI is less than 2%. There is a one-time 7% increase at retirement for members hired before August 19, 1975. The Plan also provides disability and death benefits to eligible members and their beneficiaries, respectively. For retired members, the death benefit is determined by the retirement benefit option chosen. For all other members, the beneficiary is entitled to benefits based on the members years of service or if the death was caused by employment. General members are also eligible for survivor benefits which are payable upon a member’s death.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
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Contributions

Participating employers and active members are required by statute to contribute a percentage of covered salary to the Plan. This requirement is pursuant to Government Code sections 31453.5 and 31454 for participating employers, and Government Code sections 31621.6, 31639.25 and 7522.30 for active members. The contribution requirements are established and may be amended by the SBCERA Board pursuant to Article 1 of the CERL, which is consistent with the Plan’s actuarial funding policy. The contribution rates are adopted yearly, based on an annual actuarial valuation, conducted by an independent actuary, that considers mortality, service (including age at entry into the Plan, if applicable, and tier), and compensation experience of the members and beneficiaries, and also includes an evaluation of the Plan’s assets and liabilities. Participating employers may pay a portion of the active members’ contributions and active members may pay a portion of the participating employer contributions, through negotiations and bargaining agreements.

Employee contribution rates for the fiscal year ended June 30, 2021 ranged between 9.15% and 15.55% for Tier 1 General members, 30 year General member are not required to pay any employee contribution. For Tier 2 General members, the contribution is 8.16%.

Employer contribution rates for the year ended June 30, 2021 are as follows:

	Employer Contribution Rates	
	Tier 1 Members	Tier 2 Members
Actuarially Determined Required Contribution Percentages	Total	Total
South Coast AQMD members	44.22%	39.36%

The required employer contributions and the amount paid to SBCERA by the South Coast AQMD for the year ended June 30, 2021 were \$33,603,205. The South Coast AQMD’s employer contributions were equal to the required employer contributions for the year ended June 30, 2021.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021**

Pension Liability

At June 30, 2021, South Coast AQMD reported a net pension liability of \$335,429,877 for its proportionate share of the SBCERA's net pension liability. The net pension liability was measured as of June 30, 2020, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2020. The SBCERA's publicly available financial report provides details on the change in the net pension liability.

The South Coast AQMD's proportion of the net pension liability was based on the South Coast AQMD's contributions received by SBCERA during the measurement period for employer payroll paid dates from July 1, 2019 through June 30, 2020, relative to the total employer contributions received from all of SBCERA's participating employers. At June 30, 2021, the South Coast AQMD's proportion was 8.368%, which was a decrease of 0.257% from its proportion measured as of June 30, 2019.

Pension Expense and Deferred Outflows/Inflows of Resources

For the fiscal year ended June 30, 2021, the South Coast AQMD recognized pension expense of \$65,700,279 for its proportionate share of SBCERA's pension expense. At June 30, 2021, the South Coast AQMD reported its proportionate share of deferred outflows of resources and deferred inflows of resources related to pensions, from the following sources:

	Deferred Outflows of Resources*	Deferred Inflows of Resources*
Changes in proportion and differences between South Coast AQMD contributions and proportionate share of contributions	\$ 3,161,209	\$ 16,930,687
Changes in actuarial assumptions	39,293,972	-
Net difference between projected and actual earnings on pension plan investments	70,781,116	-
Differences between expected and actual experience	4,113,526	3,182,531
South Coast AQMD contributions paid to SBCERA subsequent to the measurement date	33,603,205	-
Total	\$ 150,953,028	\$ 20,113,218

*See note VI for summary

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
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The \$33,603,205 reported as deferred outflows of resources related to pensions resulting from South Coast AQMD’s contributions made to SBCERA subsequent to the measurement date but before the reporting period ended June 30, 2021. The contribution will be recognized as a reduction of the net pension liability in the subsequent fiscal year ended June 30, 2021. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to SBCERA pensions will be recognized in pension expense as follows:

Year ended June 30:	
2022	\$ 20,795,910
2023	29,343,363
2024	25,539,750
2025	19,409,721
2026	2,147,861
Thereafter	-

Actuarial Assumptions and Methods

The significant actuarial assumptions and methods used to measure the total pension liability are as follows:

Actuarial valuation date	June 30, 2020
Actuarial experience study	3-year period ending June 30, 2019
Actuarial cost method	Entry age actuarial cost method
Actuarial assumptions:	
Investment rate of return ⁽¹⁾	7.25%
Inflation	2.75%
Projected Salary increases ⁽²⁾	General: 4.55% to 12.75%
Cost of living adjustments	Contingent upon consumer price index with a 2.00% maximum
Administrative Expenses	0.85% of payroll

⁽¹⁾ Net of pension investment expense, including inflation.

⁽²⁾ Includes inflation at 2.75% plus real across-the-board salary increase of 0.50% and merit and promotional increases.

The actuarial assumptions used in the June 30, 2020 valuation were based on the results of an actuarial experience study for the three year period of July 1, 2016 – June 30, 2019. Same assumptions are used in the June 30, 2020 actuarial valuation.

For General employees, mortality rates are based on the Pub-2010 Amount-Weighted Above-Median Mortality Table projected generationally with the two-dimensional MP-2019 projection scale.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
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Long-term Expected Rate of Return

The long-term expected rate of return on pension plan investments is 7.25%. SBCERA's actuary prepares an analysis of the long-term expected rate of return on a triennial basis using a building-block method in which expected future real rates of return (expected returns, net of inflation) are developed for each major asset class. These returns are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage, adding expected inflation and subtracting expected investment expenses and a risk margin. The target allocations (approved by the SBCERA Board) and projected arithmetic real rates of return for each major asset class, after deducting inflation, but before deducting investment expenses, used in the derivation of the long-term expected investment rate of return assumptions are summarized in the following table:

SBCERA's Long-Term Expected Real Rate of Return

		<u>As of June 30, 2020 Valuation Date</u>	
<u>Asset Class</u>	<u>Investment Classification</u>	<u>Target Allocation(1)</u>	<u>Long-Term Expected Real Rate of Return (Arithmetic)</u>
Large Cap U.S. Equity	Domestic Common and Preferred Stock	11.00%	5.42%
Small Cap U.S. Equity	Domestic Common and Preferred Stock	2.00%	6.21%
Developed International Equity	Foreign Common and Preferred Stock	9.00%	6.50%
Emerging Market Equity	Foreign Common and Preferred Stock	6.00%	8.80%
U.S. Core Fixed Income	U.S. Government and Municipals/Domestic Bonds	2.00%	1.13%
High Yield/Credit Strategies	Domestic Bonds/Foreign Bonds	13.00%	3.40%
International Core Fixed Income	Foreign Bonds	1.00%	(0.04%)
Emerging Market Debt	Emerging Market Debt	8.00%	3.44%
Real Estate	Real Estate	3.50%	4.57%
Value Added Real Estate	Real Estate	3.50%	6.53%
International Credit	Foreign Alternatives	11.00%	5.89%
Absolute Return	Domestic Alternatives/Foreign Alternatives	7.00%	3.69%
Real Assets	Domestic Alternatives/Foreign Alternatives	5.00%	10.64%
Private Equity	Domestic Alternatives/Foreign Alternative	16.00%	10.70%
Cash & Equivalents	Short-Term Cash Investment Funds	2.00%	(0.03%)
Total		<u>100.00%</u>	

(1) For actuarial purposes, target allocations only change once every three years based on the triennial actuarial experience study.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
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Discount Rate

The discount rate used to measure the total pension liability was 7.25%. The projection of cash flows used to determine the discount rate assumed that employee and employer contributions will be made based on the actuarially determined rates based on the SBCERA Board’s funding policy, which establishes the contractually required rate based on statute. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity Analysis

The following table presents the South Coast AQMD’s proportionate share of the net pension liability calculated using the discount rate of 7.25%, as well as what the South Coast AQMD’s proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.25%) or 1-percentage-point higher (8.25%) than the current rate.

**Sensitivity of Net Pension Liability to Changes in the Discount Rate
As of June 30, 2021**

	1% Decrease (6.25%)	Current Discount Rate(7.25%)	1% Increase (8.25%)
South Coast AQMD’s proportionate share of the net pension liability	\$473,454,758	\$335,429,877	\$222,410,329

Pension Plan Fiduciary Net Position

Detailed information about the SBCERA's fiduciary net position is available in a separately issued SBCERA comprehensive annual financial report. That report may be obtained on the Internet at www.SBCERA.org; by writing to SBCERA at 348 W. Hospitality Lane, Third Floor, San Bernardino, CA 92415; or by calling (909) 885-7980 or (877) 722-3721.

Payables to the Pension Plan

The amount payable to SBCERA at June 30, 2021 for the legally required contribution is \$3,577,076.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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Los Angeles County Employees' Retirement Association

Plan Description

South Coast AQMD participates in the Los Angeles County Employees Retirement Association Pension Plan (the plan). (LACERA operates as a cost-sharing multiple-employer defined benefit plan.) As of June 30, 2021, South Coast AQMD had no active members in this plan. For South Coast AQMD, LACERA is a closed plan which means no new members will be added to the plan. The Los Angeles County Employees' Retirement Association (LACERA) was established on January 1, 1938. It is governed by the California Constitution; the County Employees Retirement Law of 1937 (CERL); and the regulations, procedures, and policies adopted by LACERA's Board of Retirement and Board of Investments. The Los Angeles County (County) Board of Supervisors may also adopt resolutions, as permitted by CERL, which may affect the benefits of LACERA members.

Benefits Provided

Vesting occurs when a member accumulates five years' creditable service under contributory plans or accumulates 10 years of creditable service under the general service non-contributory plan. Benefits are based upon 12 or 36 months' average compensation, depending on the plan, as well as age at retirement and length of service as of the retirement date, according to applicable statutory formula. Vested members who terminate employment before retirement age are considered terminated vested (deferred) members. Service-connected disability benefits may be granted regardless of length of service consideration. Five years of service are required for nonservice-connected disability eligibility according to applicable statutory formula. Members of the non-contributory plan, who are covered under separate long-term disability provisions not administered by LACERA, are not eligible for disability benefits provided by LACERA.

Contributions

Members and employers contribute to LACERA based on rates recommended by an independent consulting actuary and adopted by the Board of Investments and the Los Angeles County Board of Supervisors. Contributory plan members are required to contribute between approximately 5 percent and 13 percent of their annual covered salary. Member and employer contributions received from the outside districts are considered part of LACERA's pension plan as a whole.

Participating employers are required to contribute the remaining amounts necessary to finance the coverage of their employees (members) through monthly or annual prefunded contributions at actuarially determined rates. Rates for the contributory plan tiers for members who entered the Plan prior to January 1, 2013 are based upon age at entry to the Plan and plan type enrollment.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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Pension Liability, Pension Expense, and Deferred Outflows/Inflows of Resources

South Coast AQMD has no balances for the proportionate share of net pension liability, pension expense, and deferred outflows of resources and deferred inflows of resources related to pensions.

Pension Plan Fiduciary Net Position

Detailed information about the LACERA's fiduciary net position is available in a separately issued LACERA comprehensive annual financial report. That report may be obtained on the Internet at www.LACERA.com; by writing to LACERA at 300 N. Lake Avenue, Suite 650, Pasadena, CA 91101; or by calling (626) 564-6000.

X. OTHER POST EMPLOYMENT BENEFITS(OPEB)

Plan Description

SBCERA does not provide any post-employment benefits to South Coast AQMD retirees. LACERA, however, in addition to providing pension benefits, essentially provides a comprehensive health care benefits program to its retirees that include several medical, dental, vision, and death benefits. LACERA administers the defined benefit Other Post-Employment Benefits (OPEB) on behalf of Los Angeles County and its participating agencies. South Coast AQMD is one of the participating agencies. Prior to fiscal year 2019-20, the OPEB was under a cost sharing multiple-employer structure. Starting in fiscal year 2019-20, the OPEB was changed to an agent plan structure. This is the second year of the GASB 75 disclosure report under an agent plan structure.

South Coast AQMD is subject under the April 20, 1982 agreement between the Los Angeles County and LACERA (County Agreement). In April 1982, the Los Angeles County adopted an ordinance pursuant to the County Employees Retirement Law of 1937 (CERL) that provided for a retiree health insurance program and death/burial benefits for retired employees and their eligible dependents. In 1982, the Los Angeles County and LACERA entered into an agreement whereby LACERA would administer the program subject to the terms and conditions of the agreement. In 1994, the Los Angeles County amended the agreement to continue to support LACERA's retiree insurance benefits program, regardless of the status of the active member insurance. In 2018, this agreement was further updated to specify the sharing of expenses between South Coast AQMD and LA County for South Coast AQMD retirees who also had LA County service credit.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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LACERA is a closed plan to employees who were hired after December 31, 1979. Currently, there are 47 retirees covered by the benefit terms under the OPEB.

LACERA is a legally separate entity from South Coast AQMD, not a component unit, and there is no financial interdependency with the Los Angeles County. For these reasons, the South Coast AQMD's comprehensive annual financial report excludes the LACERA OPEB as of June 30, 2021. LACERA publishes its own comprehensive annual financial report that includes its financial statements and required supplementary information, which can be obtained by writing LACERA at 300 N. Lake, Pasadena, CA 91101 or visiting the website at: www.LACERA.com.

Benefits Provided

LACERA OPEB program offers members choice of medical plan as well as dental/vision plans. Medical and dental/vision are provided through third-party insurance carriers with the participant's cost for medical and dental/vision insurance varying according to the years of retirement service credit, the plan selected, and the number of persons covered. There is a one-time lump-sum \$5,000 death/burial benefit payable to the designated beneficiary upon the death of a retiree.

Contributions

South Coast AQMD and/or Los Angeles County and each retired employee participating in the OPEB contributes a portion of the total cost per month of the premium for the plan in which the retiree is enrolled according to the terms of the Retiree Health Care Program under the County Agreement. The portion of the premium to be paid by South Coast AQMD and/or the Los Angeles County is calculated based on the years of retirement service credit under the terms of the County Agreement, as they may change from time to time. LACERA subsidizes the retiree's cost starting at 10 years of service credit and up to a maximum of 100% for a member with 25 years of service credit with the County. LACERA, at its own discretion, may increase the premium to cover additional expenses.

Net OPEB Liability

The net OPEB liability was measured at \$3,414,000 as of June 30, 2021. South Coast AQMD's total OPEB liability was determined by an actuarial valuation as of the valuation date, calculated based on the discount rate and actuarial assumptions and was projected forward to the measurement date. The total OPEB liability is the same as the net OPEB liability since the fiduciary net position is zero.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
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OPEB Expense and Deferred Outflows/Inflows of Resources

For the fiscal year ended June 30, 2021, the South Coast AQMD recognized OPEB expense of \$240,984. As of June 30, 2021, South Coast AQMD's reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources*	Deferred Inflows of Resources*
Differences between projected and actual plan investment earnings	\$ -	\$ 7,000
Differences between expected and actual economic experience	-	118,000
Changes of assumptions	-	291,000
South Coast AQMD contributions paid to LACERA subsequent to the measurement date	237,584	-
Total	\$ 237,584	\$ 416,000

* See note VI for summary

The \$237,584 reported as deferred outflows of resources related to OPEB resulting from South Coast AQMD's contributions made to LACERA subsequent to the measurement date but before the reporting period ended June 30, 2021. The contribution will be recognized as a reduction of the net OPEB liability in the subsequent fiscal year ended June 30, 2022. Other amounts reported as deferred inflows of resources related to OPEB will be recognized in the OPEB expense as follows:

Year ended June 30:	
2021	\$ (75,000)
2022	(76,000)
2023	(72,000)
2024	(72,000)
2025	(72,000)
Thereafter	(49,000)

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021**

Actuarial Assumptions and Methods

The significant actuarial assumptions and methods used to measure the total OPEB's liability are as follows:

Actuarial Valuation Date	June 30, 2019
Measurement Date	June 30, 2020
Actuarial Cost Method	Entry age normal, level percent of pay
Inflation	2.75%
Salary Increases	3.25%
Investment Rate of Return	2.21%

Mortality rates were based on the Pub-2010 Healthy and Disabled mortality tables and including projection for expected future mortality improvement using the MP-2014 Ultimate Projection Scale.

Healthcare Cost Trend Rates:

	FY 2020 to FY 2021
	<hr/>
LACERA Medical Under 65	5.00%
LACERA Medical Over 65	3.60%
Part B Premiums	9.50%
Dental Under and Over 65	-1.00%

The actuarial assumptions used in the June 30, 2019 valuation were based on the results of a 2019 actuarial retirement experience study and a 2018 actuarial OPEB experience study.

Discount Rate

The discount rate used to measure the net OPEB liability under the agent structure was 2.21%. The discount rate was determined from the 20-year tax-exempt municipal bond yield.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021**

Sensitivity of the South Coast AQMD’s Net OPEB Liability to Changes in the Discount Rate

The following presents the South Coast AQMD’s net OPEB liability as well as what the South Coast AQMD’s net OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower (1.21%) or 1-percentage-point higher (3.21%) than the current rate:

	1% Decrease (1.21%)	Current Discount Rate (2.21%)	1% Increase (3.21%)
Net OPEB liability	\$3,828,000	\$3,414,000	\$3,071,000

Sensitivity of the South Coast AQMD’s Net OPEB Liability to Changes in Healthcare Cost Trend Rates

The following presents the South Coast AQMD’s net OPEB liability, calculated using the healthcare cost trend rates as reported on the July 1, 2019 OPEB Actuarial Valuation Health Cost Trend Assumptions, as well as what the net OPEB liability would be if it were calculated using the healthcare cost trend rates that are 1-percentage-point lower or 1-percentage-point higher than the current rates:

	1% Decrease	Current Healthcare Cost Trend Rates	1% Increase
Net OPEB liability	\$3,067,000	\$3,414,000	\$3,823,000

OPEB Plan Fiduciary Net Position

Detail information about the LACERA’s fiduciary net position is available in a separately issued LACERA comprehensive annual financial report. That report may be obtained on the internet at www.LACERA.com; by writing to LACERA at 300 N. Lake, Pasadena, CA 91101; or by calling (626) 564-6000.

Payable to the OPEB Plan

At June 30, 2021, the amount payable to LACERA for the legally required contribution is \$18,695.

XI. DEFERRED COMPENSATION PLAN

South Coast AQMD offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The plan permits them to defer a portion of their salary until future years. These funds are not available to employees until termination, retirement, death or unforeseen emergency.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021

The deferred compensation plan monies are invested in various investment funds as selected by the participating employees. All amounts of compensation deferred under the plan and all income attributed to those amounts are held in trust for the exclusive benefit of plan participants and their beneficiaries.

Effective January 1, 1999, federal legislation requires the Section 457 plan assets to be placed in trust for the exclusive use of the plan participants and their beneficiaries. South Coast AQMD's deferred compensation administrator, Hartford Life Insurance Co., qualifies as the plan trustee to meet the federal requirements. In accordance with GASB Statement No. 32, South Coast AQMD no longer reports the plan assets and liabilities in its financial statements. As of June 30, 2021, investments with a fair value of \$224,140,171 are held in a trust.

XII. HEALTH REIMBURSEMENT ARRANGEMENT PLAN

On December 4, 2009, South Coast AQMD's Governing Board approved the establishment of a Health Reimbursement Arrangement (HRA) plan for South Coast AQMD employees. This allows active employees to save on a tax-free basis for their future post-retirement health care costs. The Hartford serves as South Coast AQMD's HRA service provider. Currently, both South Coast AQMD and the SBCERA do not offer a health reimbursement program nor post-retirement health care to help the employees afford health care in retirement.

Initially, the program was made available to non-represented employees with the understanding that it could be expanded to cover represented employees, based on their approval. In compliance with the rules establishing the HRA, each defined group covered by the plan is required to establish its own criteria on what earnings would be contributed. As of June 30, 2021, Executive Officer, General Counsel and Designated Deputies were the eligible employee classifications that were set up and approved by South Coast AQMD. Contributions are 100% vacation and sick leave payouts at termination and/or compensation payout at termination per existing leave payment policy. Eligibility shall commence upon termination of employment on account of retirement (whether through disability or service).

XIII. COMMITMENTS

Guaranteed Loans

The Air Quality Assistance Fund (AQAF) was originally established to comply with state legislation which required South Coast AQMD to allocate a portion of the funds it receives as penalties and settlements from violators of air pollution regulations and to provide financing assistance to small businesses that require financing in order to comply with South Coast AQMD requirements. This legislation was repealed on January 1, 1999. In June 2000, the Governing Board authorized staff to continue to use the funds to assist small businesses with an improved program for greater participation. Financing assistance includes guaranteeing or otherwise reducing the financial risks of lenders in providing financial assistance to small businesses. The funds are not used for direct loans to small businesses.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021

In June 2001, South Coast AQMD entered into an agreement with the California Pollution Control Financing Authority (CPCFA) to be an “independent contributor” to the California Capital Access Program (CalCAP). South Coast AQMD transferred \$100,000 to the CPCFA to cover borrower fees on any qualified small business CalCAP loans for air quality-related equipment or processes.

In October 2007, the Governing Board authorized the transfer of \$1 million to the Dry Cleaners Financial Incentives Grant Program to supplement the existing incentive grant programs. This incentive program assists dry cleaners in making early transitions from perchloroethylene (perc) to alternative cleaning technologies. AQAF’s fund balance amounted to \$1,686,531 at fiscal year ended June 30, 2021.

Operating Leases

Rental expense for non-cancelable operating leases was \$507,295 for the year ended June 30, 2021. Future minimum lease payments under non-cancelable operating leases of South Coast AQMD total as follows:

Year Ending	
<u>June 30</u>	<u>Amount</u>
2022	\$ 540,625
2023	541,329
2024	541,765
2025	551,843
2026	538,632
Thereafter	<u>316,656</u>
Total	<u>\$3,030,850</u>

The lease for the office equipment expires in June 2026 while the lease of the Sacramento and South Bay satellite office expires in December 2022 and April 2027, respectively.

XIV. PENDING LITIGATION

A number of other lawsuits and claims are pending against South Coast AQMD for alleged damages to persons and property and for other alleged liabilities arising out of its normal operations. South Coast AQMD’s management believes that any liability that may arise from the ultimate resolution of such legal actions will not have a material adverse impact on the financial position as of June 30, 2021.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
June 30, 2021

XV. UNCERTAINTIES

In March 2020, the World Health Organization declared the outbreak of a novel coronavirus (COVID-19) as a global pandemic, which continues to spread throughout the United States and around the world. As a governmental agency, South Coast AQMD is deemed to be an essential business. Executive Officer has activated the Continuity of Operations Plan (COOP) and a large portion of the workforce are teleworking from home. South Coast AQMD is aware of changes in its business as a result of COVID-19. The extent to which the COVID-19 may impact South Coast AQMD's operating results, cash flows, and financial position will depend on future developments. The duration of any business disruption and related financial impact cannot be reasonably estimated at this time.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
GENERAL FUND - BUDGET AND ACTUAL
(NON-GAAP BUDGETARY BASIS) SCHEDULE
For the Year Ended June 30, 2021**

	Budgeted Amounts		Actual Amounts Budgetary Basis	Variance with Final Budget
	Original	Final		Positive (Negative)
Revenues:				
Emission fees	\$ 20,300,062	\$ 20,300,062	\$ 20,215,773	\$ (84,289)
Annual renewal fees	61,881,370	61,881,370	64,570,338	2,688,968
Area Sources	2,000,000	2,000,000	2,369,926	369,926
Permit processing fees	19,744,260	19,744,260	16,622,452	(3,121,808)
Mobile sources/clean fuels	29,489,697	29,542,497	26,200,886	(3,341,611)
Air toxics "Hot Spots"	2,891,580	2,891,580	2,545,038	(346,542)
Transportation programs	950,500	950,500	704,936	(245,564)
State subvention	3,939,220	3,939,220	3,944,728	5,508
Federal grant	6,081,930	8,828,489	7,742,660	(1,085,829)
Interest revenue	871,330	871,330	596,953	(274,377)
Lease revenue	169,480	169,480	124,285	(45,195)
Source test/analysis fees	730,000	730,000	265,860	(464,140)
Hearing Board fees	210,000	210,000	274,352	64,352
Penalties and settlements	4,750,000	4,750,000	4,714,520	(35,480)
Other revenues	15,802,152	16,852,182	22,141,123	5,288,941
Total revenues	<u>169,811,581</u>	<u>173,660,970</u>	<u>173,033,830</u>	<u>(627,140)</u>
Expenditures:				
Current:				
Salaries and employee benefits	140,750,642	140,763,607	135,197,844	5,565,763
Insurance	1,449,140	1,410,140	1,203,093	207,047
Rent	805,123	1,142,142	847,773	294,369
Supplies	3,265,442	4,073,112	3,081,717	991,395
Contract and special services	10,656,863	14,756,963	13,314,095	1,442,868
Maintenance	1,813,343	2,350,703	1,910,427	440,276
Travel and auto	945,323	972,402	459,515	512,887
Utilities	1,989,620	1,624,630	1,542,238	82,392
Communications	907,800	1,186,347	1,064,270	122,077
Uncollectible accounts	-	-	691,419	(691,419)
Other expenditures	1,444,783	1,547,134	975,710	571,424
Capital outlay	926,000	2,647,788	2,382,488	265,300
Debt service:				
Principal	3,840,443	3,840,443	3,840,443	-
Interest	3,353,106	3,353,106	3,353,106	-
Total expenditures	<u>172,147,628</u>	<u>179,668,517</u>	<u>169,864,138</u>	<u>9,804,379</u>
Excess (deficiency) of revenues over (under) expenditures	<u>(2,336,047)</u>	<u>(6,007,547)</u>	<u>3,169,692</u>	<u>9,177,239</u>
Other Financing Sources (Uses)				
Transfers in	3,177,400	5,663,900	4,895,645	(768,255)
Transfers out	841,353	2,081,989	2,081,989	-
Total other financing sources	<u>2,336,047</u>	<u>3,581,911</u>	<u>2,813,656</u>	<u>(768,255)</u>
Net change in budgetary fund balances	<u>\$ -</u>	<u>\$ (2,425,636)</u>	<u>\$ 5,983,348</u>	<u>\$ 8,408,984</u>

See accompanying notes to required supplementary information and independent auditor's report.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Schedule of South Coast AQMD's Proportionate Share of the Net Pension Liability Last 10 Fiscal Years*

<u>SBCERA Pension Plan</u>	Measurement Date**								
	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017	June 30, 2016	June 30, 2015	June 30, 2014	June 30, 2013	
South Coast AQMD's proportion of the net pension liability	8.368%	8.625%	8.613%	8.123%	8.09%	7.79%	6.45%	7.88%	
South Coast AQMD's proportionate share of the net pension liability	\$ 335,429,877	\$ 233,891,403	\$ 218,228,092	\$ 214,076,570	\$ 199,589,723	\$ 151,441,343	\$ 109,655,281	\$ 156,371,863	
South Coast AQMD's covered payroll	\$ 80,454,708	\$ 77,342,109	\$ 73,329,109	\$ 71,657,793	\$ 71,247,083	\$ 68,088,547	\$ 75,623,191	\$ 77,748,408	
South Coast AQMD's proportionate share of the net pension liability as a percentage of its covered payroll	416.92%	302.41%	297.60%	298.75%	280.14%	222.42%	145.00%	201.13%	
SBCERA's fiduciary net position as a percentage of the total pension liability	66.99%	75.24%	75.85%	74.94%	74.10%	79.33%	83.74%	76.28%	

<u>LACERA Pension Plan</u>	Measurement Date**								
	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017	June 30, 2016	June 30, 2015	June 30, 2014	June 30, 2013	
South Coast AQMD's proportion of the net pension liability	0%	0%	0%	0%	0%	0%	0%	0%	
South Coast AQMD's proportionate share of the net pension liability	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
South Coast AQMD's covered payroll	\$ -	\$ -	\$ 48,839	\$ 60,610	\$ 59,557	\$ 59,193	\$ 57,884	\$ 58,597	
South Coast AQMD's proportionate share of the net pension liability as a percentage of its covered payroll	0%	0%	0%	0%	0%	0%	0%	0%	
LACERA's fiduciary net position as a percentage of the total pension liability	0%	0%	0%	0%	0%	0%	0%	0%	

* Data for FY's ended June 30, 2011 through 2012 is not available in comparable format.

** GASB Statement No. 68 requires this information to be presented as of the measurement date of the net pension liability, which is not the current fiscal year end.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Schedule of South Coast AQMD's Contributions - Pensions Last 10 Fiscal Years*

	Reporting Date**							
	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017	June 30, 2016	June 30, 2015	June 30, 2014
<u>SBCERA Pension Plan</u>								
Contractually required contribution	\$ 33,603,205	\$ 33,202,615	\$ 30,295,487	\$ 25,332,734	\$ 23,319,256	\$ 21,089,956	\$ 19,384,858	\$ 18,060,910
Contributions in relation to the contractually required contributions	<u>33,603,205</u>	<u>33,202,615</u>	<u>30,295,487</u>	<u>25,332,734</u>	<u>23,319,256</u>	<u>21,089,956</u>	<u>19,384,858</u>	<u>18,060,910</u>
Contributions deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
South Coast AQMD's covered payroll***	\$ 80,294,484	\$ 80,454,708	\$ 77,342,109	\$ 73,329,109	\$ 71,657,793	\$ 71,247,083	\$ 68,088,547	\$ 75,623,191
Contributions as a percentage of covered payroll	41.85%	41.27%	39.17%	34.55%	32.54%	29.60%	28.47%	23.89%

	Reporting Date**							
	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017	June 30, 2016	June 30, 2015	June 30, 2014
<u>LACERA Pension Plan</u>								
Contractually required contribution	\$ -	\$ -	\$ -	\$ 8,300	\$ 11,000	\$ 13,000	\$ 14,000	\$ 14,000
Contributions in relation to the contractually required contributions	<u>-</u>	<u>-</u>	<u>-</u>	<u>8,300</u>	<u>11,000</u>	<u>13,000</u>	<u>14,000</u>	<u>14,000</u>
Contributions deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
South Coast AQMD's covered payroll***	\$ -	\$ -	\$ -	\$ 48,839	\$ 60,610	\$ 59,557	\$ 59,193	\$ 57,844
Contributions as a percentage of covered payroll	0.00%	0.00%	0.00%	16.99%	18.15%	21.83%	23.65%	24.20%

* Data for FY's ended June 30, 2012 through 2013 is not available in comparable format.

** GASB Statement No. 68 requires this information to be presented as of the most recent fiscal year end.

*** Covered payroll is different from that shown in previously issued reports due to updated information.

See accompanying notes to required supplementary information and independent auditor's report.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Schedule of Changes in the South Coast AQMD's Net OPEB Liability and Related Ratios Last 10 Fiscal Years*

<u>LACERA OPEB Plan***</u>	Measurement Date**	
	June 30, 2020	June 30, 2019
Net OPEB Liability:		
Interest	\$ 123,000	\$ 135,000
Effects of assumptions, changes or inputs	292,000	136,000
Effects of economic/demographic (gains) or losses	(386,000)	-
Benefit payments	(242,000)	(267,000)
Net change in net OPEB liability	(213,000)	4,000
Net OPEB liability, beginning	3,627,000	3,623,000
Net OPEB liability, ending (a)	\$ 3,414,000	\$ 3,627,000
South Coast AQMD's covered-employee payroll	\$ -	\$ -
Net OPEB liability as (a) % of covered-employee payroll	N/A	N/A

* Historical information is required only for measurement periods for which GASB 75 is applicable. Future year's information will be displayed up to 10 years as information becomes available.

** GASB Statement No. 75 requires this information to be presented as of the measurement date of the net OPEB liability, which is not the current fiscal year end.

*** OPEB liability for fiscal year 2019 and prior was reported based on a cost sharing structure. Starting from fiscal year 2020 (measurement date at June 30, 2019), the plan has changed and reported from a cost sharing structure to an agent structure. The following is the historical information under the cost sharing structure:

Schedule of South Coast AQMD's Proportionate Share of the Net OPEB Liability

<u>LACERA OPEB Plan</u>	Measurement Date		
	June 30, 2018	June 30, 2017	June 30, 2016
South Coast AQMD's proportion of the collective net OPEB liability	0.01286%	0.01335%	0.01396%
South Coast AQMD's proportionate share of the collective net OPEB liability	\$ 3,180,000	\$ 3,534,000	\$ 3,721,000
South Coast AQMD's covered-employee payroll	\$ 48,839	\$ 60,610	\$ 59,557
South Coast AQMD's proportionate share of the collective net OPEB liability as a percentage of its covered-employee payroll	6511.19%	5830.72%	6247.80%
LACERA's fiduciary net position as a percentage of the total OPEB liability	0%	0%	0%

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Schedule of South Coast AQMD's Contributions - OPEB Last 10 Fiscal Years*

<u>LACERA OPEB Plan</u>	Reporting Date**				
	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017
Contractually required contribution	\$ 237,584	\$ 240,984	\$ 232,780	\$ 232,715	\$ 234,967
Contributions in relation to the contractually required contributions	(237,584)	(240,984)	(232,780)	(232,715)	(234,967)
Contributions deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -
South Coast AQMD's covered-employee payroll	\$ -	\$ -	\$ -	\$ 48,839	\$ 60,610
Contributions as a percentage of covered-employee payroll	0.00%	0.00%	0.00%	476.49%	387.67%

* Historical information is required only for measurement periods for which GASB 75 is applicable. Future year's information will be displayed up to 10 years as information becomes available.

** GASB Statement No. 75 requires this information to be presented as of the most recent fiscal year-end.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION
June 30, 2021**

NOTE 1 – BUDGETS AND BUDGETARY ACCOUNTING

South Coast AQMD has a comprehensive annual budget process which establishes goals and objectives and monitors expenditures associated with meeting those goals and objectives.

Up to and including the budget adoption hearing by South Coast AQMD's Governing Board, the public and the business community have several opportunities to participate in the budget process. These opportunities include: Budget Advisory Committee meetings made up of business and environmental representatives, a public consultation, a Governing Board workshop and a public hearing.

Following input from the public, Budget Advisory Committee, and Governing Board, the draft budget for fiscal year 2020-21 was prepared and subsequently adopted at the May 2020 meeting of the Governing Board. The fiscal year 2020-21 Adopted Budget and the final fee schedules became effective on July 1, 2020.

South Coast AQMD's annual budget is adopted for the General Fund at the Major Object levels of Salaries and Employee Benefits, Services and Supplies, Capital Outlays, and Building Remodeling. The Governing Board has delegated expenditure authority to the Executive Officer for all budgeted expenditures of \$100,000 or less within a major object. All appropriations to the budget and transfers between major objects must be approved by the Governing Board. Transfers within a major object are delegated to the Executive Officer. Monthly expenditure reports are issued to each Office. The Governing Board receives a General Fund Budget status report on a quarterly basis.

South Coast AQMD presents a comparison of annual budget to actual results for the General Fund. The budgeted expenditure amounts represent the adopted budget adjusted for Governing Board approved supplemental appropriations. The budgeted revenue amounts represent the adopted budget modified for Governing Board approved adjustments which were based upon new or additional revenue sources. Supplemental expenditure appropriations of \$8,761,525 and revenue adjustments of \$6,335,889 were approved by the Governing Board in fiscal year 2020-21.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION
June 30, 2021**

NOTE 2 – GENERAL FUND BUDGETARY BASIS RECONCILIATION

The General Fund Budgetary Basis under Required Supplementary Information presents comparisons of the legally adopted budget with actual data on a budgetary basis. Accounting principles applied for purposes of developing expenditures data on a budgetary basis differ from those used to present financial statements in conformity with Generally Accepted Accounting Principles (GAAP). The basis of budgeting that differs from GAAP is modified accrual basis plus encumbrances. The following is a reconciliation of differences for the fiscal year ended June 30, 2021:

Expenditures and encumbrances (budgetary basis) June 30, 2021	\$169,864,138
Add: payments on encumbrances open at July 1, 2020	7,342,665
Less: encumbrances open at June 30, 2021	<u>(6,560,893)</u>
Expenditures (GAAP basis), June 30, 2021	<u>\$170,645,910</u>

A reconciliation of revenue is not presented since budgetary practices and GAAP do not differ with respect to revenue.

NOTE 3 – USE OF BUDGETARY FUND BALANCE

When the fiscal year 2020-21 budget was adopted the Governing Board approved a budget that was balanced. Mid-year adjustments appropriated \$2,425,636 from Unassigned Fund Balance.

NOTE 4 – FACTORS AFFECTING PENSION TRENDS SOUTH COAST AQMD’S PROPORTION

As of the June 30, 2020 measurement date, South Coast AQMD’s proportionate share of SBCERA’s net pension liability changed from 8.63% to 8.37%. There were no changes in the benefit terms. The inflation rate decreased 0.25% from 3.00% to 2.75%. The actuarial experience study changed in June 30, 2020 valuation report, and it was based on the results of an experience study for the period from July 1, 2016 through June 30, 2019.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
OTHER SUPPLEMENTARY INFORMATION
June 30, 2021

Non-major Governmental Funds

Special Revenue Funds:

- Air Toxics Fund – Used to account for fees received from industrial toxic air emitters. These funds are spent on planning and performing health risk evaluations for the purpose of developing a toxic emissions inventory for the South Coast Air Basin.
- Advanced Technology, Outreach and Education Fund – Used to account for monies contributed by companies in lieu of paying fines for violating South Coast AQMD rules. Contributed amounts must be used to pay costs associated with South Coast AQMD-sponsored research and development in cleaner burning fuels and other advanced technologies and public outreach and education related to advanced technology and air pollution and its impacts.
- Air Quality Assistance Fund – Used to account for funds set aside for the purpose of underwriting, guaranteeing, or otherwise participating in the provision of financial assistance to small businesses as required by Section 40448.7 of the California Health and Safety Code. (This legislation was repealed by its own terms January 1, 1999). In June 2000, the Governing Board authorized staff to revise the program to increase participation of small businesses. Certain revisions, including participation in the California Capital Access Program (CalCAP) to assist small businesses, were implemented in June 2001.
- Air Quality Improvement Fund – Used to account for 40% of the revenue received by the South Coast AQMD from motor vehicle registration fees under the provisions of Sections 44243 and 44244 of the California Health and Safety Code. This money is distributed on a quarterly basis to cities and counties within the South Coast Air Basin to implement programs to reduce air pollution from motor vehicles.
- Clean Fuels Program Fund – Established as a special revenue fund in fiscal year 2000 to account for contract activities and revenues of the Clean Fuels Program. These are activities associated with implementing Clean Fuels stationary source and mobile source research, development, demonstration and deployment projects approved by the Governing Board. Since 1988, the Clean Fuels Program has provided funds for 1,458 projects totaling \$238.9 million.
- Carl Moyer Program Fund – Established in fiscal year 1999 to account for activities related to the administration of state funds set aside for the replacement of diesel-powered vehicles with cleaner-technology vehicles. It has funded over 8,700 vehicles totaling over \$650 million. It provides incentive funds for the replacement or repower of older diesel engines in on- and off-road vehicles such as refuse haulers, heavy duty trucks, transit and school buses, construction equipment, and marine vessels.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
OTHER SUPPLEMENTARY INFORMATION
June 30, 2021

- Lower-Emission School Bus Fund – Established in fiscal year 2001 to administer state funds set aside in the South Coast Air Basin for the replacement and retrofit of high-emitting diesel-fueled school buses. Since 2001, \$325 million of Lower Emissions School Bus funds has been provided for the replacement of school buses, and the retrofit of newer diesel buses with PM traps. In total, nearly 1800 highly polluting school buses have been replaced with new near zero or zero emission school buses and nearly 3,400 newer diesel school buses were retrofitted with PM traps.
- Zero Emission Vehicle Incentive Program – Established in fiscal year 2001 to administer the State funds set aside for the implementation of the Zero Emission Vehicle (ZEV) Incentive Program.
- AES Settlement Projects Fund – Established in fiscal year 2001 for the purpose of accounting for the one-time penalty settlement with AES Corporation for air pollution violations.
- Rule 1309.1 Priority Reserve Fund – Established in fiscal year 2001 to account for mitigation fees paid for Particulate Matter ≤ 10 microns (PM₁₀) credits. Due to the state energy crisis in 2001, Rule 1309.1 was amended to allow new electric generating facilities temporary access to South Coast AQMD's Priority Reserve Account to offset their PM₁₀ emission increases provided that they meet specific criteria and pay appropriate mitigation fees.
- CARB ERC Bank Fund – Established in fiscal year 2001 to account for the proceeds from the issuance of the Emission Reduction Credits (ERCs) to natural gas turbine power plant peaker units. CARB established the ERC Bank for peaker power plants that need emission offsets to add new or expanded capacity. Proceeds from the issuance of these ERCs will fund emission reduction programs where the new or expanded facility is located.
- LADWP Settlement Fund – Established in fiscal year 2001 for the purpose of accounting for the monies received from the Los Angeles Department of Water and Power as part of the settlement agreement.
- State-Emissions Mitigation Fund – Established during fiscal year 2002 to account for the funds received from California Air Resources Board (CARB) to fund CARB selected projects on emission reductions within the South Coast Air Basin. This is in response to the Governor's statewide program to mitigate excess emissions from peaker power generation units to alleviate the power crisis in California.
- Natural Gas Vehicle Partnership Fund – Established during fiscal year 2002 for creation of the Natural Gas Vehicle Partnership to facilitate the advancement of natural gas vehicle technology and deployment. The contributions received from participating

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members are accounted for in this fund as well as the expenditures for activities and projects selected by the Partnership.

- State Backup Generators (BUG) Program Fund – Established in fiscal year 2003 to account for the funds received from CARB’s Diesel-Fueled Electrical Backup Generator Emissions Mitigation Program. This program funds emission related projects as part of an ongoing effort to expeditiously reduce public exposure to air toxics and other pollutants.
- Dry Cleaners Financial Incentives Grant Program – Established in fiscal year 2003 to provide financial incentives to dry cleaners to purchase non-toxic alternative dry cleaning equipment.
- Rule 1173 Mitigation Fee Fund – Established in fiscal year 2004 to account for Rule 1173 mitigation fee payments to be used in funding air quality projects which directly benefit the community surrounding the facility. Amendments in December 2002 to Rule 1173 for Refineries and Chemical Plants established a mitigation fee payment provision relating to the release of Volatile Organic Compound (VOC) from an atmospheric Pressure Relief Device (PRD).
- Communities for Better Environment (CBE)/Our Children’s Earth (OCE) Settlement Agreement Fund – Established in FY 2004 as part of the settlement agreement to fund PM₁₀ (Particulate Matter ≤ 10 microns) and/or NO_x (Oxides of Nitrogen) reduction projects in disproportionately impacted areas.
- BP ARCO Settlement Projects Fund – Established in fiscal year 2005 to account for the \$25 million civil penalties received in 2005 as part of the settlement with BP ARCO for air pollution violations.
- Health Effects Research Fund – The Health Effects Research Fund was established in fiscal year 2008 to receive 20% of all penalty/settlement monies in excess of \$4 million recognized annually in South Coast AQMD’s General Fund beginning in fiscal year 2009, subject to annual Board approval.
- CEQA Green House Gas Mitigation Fund – This fund was established in fiscal year 2009 under Rule 2702 for Green House Gas (GHG) emission reductions. It received \$1.5 million from Chevron Products Company to offset Green House Gas emission as part of its Product Reliability and Optimization (PRO+) Project Mitigation Monitoring Plan.
- TraPac School Air Filtration Fund – This fund was established in fiscal year 2011 and received \$6,000,000 from City of Los Angeles towards installation and maintenance

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of air filtration systems for schools in the Wilmington area that were impacted by the expansion of the TraPac Container Terminal Project.

- Emission Reduction and Outreach Fund – This fund was established in fiscal year 2010 due to a \$1,000,000 Supplemental Environmental Project Settlement. These funds are used to enhance compliance of emission reduction policies by providing source education and consumer education.
- Rule 1118 Mitigation Fund – Established in fiscal year 2010 to account for mitigation fees from petroleum refineries that exceed sulfur dioxide emission thresholds from flares and future Rule 1118 mitigation fees and to track the projects funded through these fees.
- HEROS II Fund – Established in fiscal year 2011, this fund is used to track funds received and expenditures for South Coast AQMD’s vehicle scrap and replacement program. This voluntary program reduces emissions from high-emitting light and medium-duty vehicles in South Coast AQMD.
- EL Monte Park Project Settlement Fund – Established in fiscal year 2011 for the purpose of accounting for the monies received from Gregg Industries bankruptcy estate as part of a settlement agreement to finance the construction of park improvements in the City of El Monte.
- AB 1318 Mitigation Fees Fund – Created in fiscal year 2011 to account for revenue of \$53.3 million from a mitigation fee payment for the transfer of emission credits under AB 1318.
- Voucher Incentive Program (VIP) Fund – Established in fiscal year 2012 due to transfer of funds from the Carl Moyer Multidistrict funds originally recorded in Carl Moyer Program Fund, to separately administer the On-Road Heavy-Duty Vehicle Voucher Incentive Program.
- Advanced Technology Goods Movement Fund – Established in fiscal year 2012 to administer funds received through an agreement with Port of Los Angeles and Port of Long Beach to fund projects consistent with the development and demonstration of zero emissions goods movement technologies, including the demonstration of Linear Synchronous Motor (LSM) technology to move cargo containers and the development of two discrete hybrid electric drive systems for heavy-duty vehicles.
- Rule 1470 Risk Reduction Fund – Established in fiscal year 2012 to help fund control equipment costs for public agencies, such as cities, counties, and schools, required to install control equipment on new emergency standby engines in order to comply with Rule 1470.

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- Hydrogen Fueling Infrastructure Network Fund – Established in fiscal year 2014 to receive state and federal grant revenue earmarked for hydrogen infrastructure upgrades to support the expected role out of fuel cell cars in the next few years. In fiscal year 2014, the South Coast AQMD received an award for \$6.69 million from the California Energy Commission (CEC) to upgrade and refurbish existing hydrogen stations in the South Coast Air Basin. Three stations in Burbank, LAX and Torrance were funded for upgrade through this grant. As of 2021, work on these stations and all CEC requirements have been completed.
- Rule 1420.1 Special Revenue Fund – Established in fiscal year 2014 to account for monies received from Exide Technologies and Quemetco to finance the Multi-Metals continuous emission monitoring system (CEMS) and continuous Multi-Metals Ambient Air Monitoring Demonstration Programs.
- BP/South Coast AQMD Public Benefits Oversight Fund – Established to receive remaining unspent \$177,802 from the 2005 BP Settlement Agreement public benefits payments. Funds will continue to be expended through the approval of the BP/South Coast AQMD Public Benefits Oversight Committee.
- Rule 1304.1 Special Revenue Fund – Established in fiscal year 2016 to track the deposit of fees paid and the withdrawal of funds for approved projects, pursuant to Rule 1304.1 – Electrical Generating Facility Fee for Use of Offset Exemption.
- ExxonMobil Settlement Projects Special Revenue Fund – Established in fiscal year 2016 for the purpose of accounting for the monies received pursuant to a settlement agreement with ExxonMobil for Supplemental Environmental Project (SEP).
- LADWP Variance Special Revenue Fund – Established in fiscal year 2017 to receive environmental fees from the Los Angeles Department of Water and Power as part of a South Coast AQMD Hearing Board variance. The variance allowed LADWP to burn diesel to 1) recommission and test the turbines, and 2) subsequently to operate them on diesel fuel, only if the natural gas supply to LADWP was curtailed by SoCal Gas.
- Air Filtration Special Revenue Fund – Established in fiscal year 2017, a Supplemental Environmental Project (SEP) agreement was executed between CARB and the Burlington Northern Santa Fe Railway Company (BANSF) to install air filtration systems at schools in an Environmental Justice community in the South Coast region.
- SoCal Gas Settlement Special Revenue Fund – Established in fiscal year 2017 to execute a contract with KORE Infrastructure Inc in an amount not to exceed \$1 million from the SoCal Gas Settlement Special Revenue Fund to cost-share the commercial field test project.

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- Rule 1180 Special Revenue Fund – Established in fiscal year 2018 to account for the Rule 1180 initial and final payments for implementation of the community air monitoring stations near petroleum refineries.
- VW Mitigation Special Revenue Fund – Established in fiscal year 2019 to recognize revenue of up to \$150 million into the fund, to administer and implement two project funding categories identified in CARB’s Beneficiary Mitigation Plan for the VW Environmental Mitigation Trust. The funded projects are intended to mitigate the excess NOx emissions caused by the VW vehicles.
- Prop 1B Goods Movement Fund – Established in fiscal year 2008 to account for voter approved transportation bond dollars. A portion of these were allocated to CARB and passed through to South Coast AQMD to implement programs that reduce emissions from movement of freight or “goods” along California’s trade corridors. Over \$500 million in goods movement projects have been and are being implemented within the South Coast AQMD.
- Clean Shipping Technology Demonstration Special Revenue Fund – Established in FY 2020 for the purpose of implementing clean shipping projects.
- Aliso Canyon Air Filtration Special Revenue Fund – Established in fiscal year 2021 to recognize \$7.1 million from the Aliso Supplemental Environmental Project (SEP) Fund and facilitate program tracking and auditing. This funded project is to install air filtration systems at schools in Environmental Justice communities in Los Angeles County.
- Aliso Fund Porter Ranch SEP Special Revenue Fund – Established in fiscal year 2021 to implement a Supplemental Environmental Project (SEP) to develop a real-time air monitoring network and symptom and incident reporting system in Porter Ranch and the communities surrounding the SoCalGas Aliso Canyon natural gas storage facility.

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Capital Projects Fund

- Infrastructure Improvement Fund – Established in fiscal year 2013 to separately account for large-scale and/or multi-year infrastructure improvement projects.

Deb Service Fund – Established in 2009 to replace the terminated Guaranteed Investment Contract with the Municipal Bond Insurance Association (MBIA, Inc.) due to changes in financial markets. This is used for the defeasance of a portion of South Coast AQMD's debt service on Pension Obligation Bonds.

Component Unit – South Coast AQMD Building Corporation – Established in fiscal year 1978 for the acquisition and improvement of South Coast AQMD headquarters. The South Coast AQMD Building Corporation is a legally separate entity, but for financial statement purposes, it is shown as a blended component unit in the governmental funds.

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<u>Assets</u>	<u>Special Revenue</u>				
	<u>Air Toxics Fund</u>	<u>Advanced Tech Outreach & Education Fund</u>	<u>Air Quality Assistance Fund</u>	<u>Air Quality Improvement Fund</u>	<u>Clean Fuels Program Fund</u>
Cash and cash equivalents	\$ 2,113,134	\$ 4,038,846	\$ 1,685,171	\$ 2,002,132	\$ 66,517,478
Interest receivable	3,883	6,263	1,360	6,373	87,916
Due from other governmental agencies	-	1,069,560	-	3,791,352	3,052,373
Due from other funds	-	-	-	-	9,573,137
Accounts receivable, net	988,514	312,500	-	-	99,643
Total assets	\$ 3,105,531	\$ 5,427,169	\$ 1,686,531	\$ 5,799,857	\$ 79,330,547
 <u>Liabilities and Fund Balances</u>					
Liabilities:					
Accounts payable and accrued liabilities	\$ 404,348	\$ 1,316,749	\$ -	\$ 5,753,158	\$ 2,418,172
Due to other funds	235,511	519,385	-	-	319,521
Total liabilities	639,859	1,836,134	-	5,753,158	2,737,693
 <u>Deferred Inflow of Resources:</u>					
Deferred inflow of resources	-	-	-	-	591,651
 Fund Balances:					
Nonspendable	-	-	-	-	-
Restricted	-	-	-	-	-
Committed	-	3,591,035	-	46,699	21,321,500
Assigned	2,465,672	-	1,686,531	-	54,679,703
Unassigned	-	-	-	-	-
Total fund balances	2,465,672	3,591,035	1,686,531	46,699	76,001,203
Total liabilities, deferred inflow of resources and fund balances	\$ 3,105,531	\$ 5,427,169	\$ 1,686,531	\$ 5,799,857	\$ 79,330,547

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<u>Assets</u>	<u>Special Revenue</u>				
	Carl Moyer Program Fund	Lower-Emission School Bus Fund	Zero Emission Vehicle Incentive Fund	AES Settlement Projects Fund	Rule 1309.1 Priority Reserve Fund
Cash and cash equivalents	\$ 84,627,663	\$ 9,061,884	\$ 708,578	\$ 899,042	\$ 5,199,342
Interest receivable	145,282	14,388	1,125	1,435	8,290
Due from other governmental agencies	-	-	-	-	-
Due from other funds	-	-	-	-	-
Accounts receivable, net	6,487	-	-	-	-
Total assets	\$ 84,779,432	\$ 9,076,272	\$ 709,703	\$ 900,477	\$ 5,207,632
 <u>Liabilities and Fund Balances</u>					
Liabilities:					
Accounts payable and accrued liabilities	\$ 7,487,342	\$ -	\$ -	\$ -	\$ -
Due to other funds	218,957	-	-	-	-
Total liabilities	7,706,299	-	-	-	-
 <u>Deferred Inflow of Resources:</u>					
Deferred inflow of resources	-	-	-	-	-
 Fund Balances:					
Nonspendable	-	-	-	-	-
Restricted	77,073,133	9,076,272	709,703	-	-
Committed	-	-	-	1,200	458,122
Assigned	-	-	-	899,277	4,749,510
Unassigned	-	-	-	-	-
Total fund balances	77,073,133	9,076,272	709,703	900,477	5,207,632
Total liabilities, deferred inflow of resources and fund balances	\$ 84,779,432	\$ 9,076,272	\$ 709,703	\$ 900,477	\$ 5,207,632

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<u>Assets</u>	Special Revenue				
	CARB ERC	LADWP	State-Emissions	Natural Gas	State BUG
	Bank Fund	Settlement Fund	Mitigation Fund	Vehicle Partner Fund	Program Fund
Cash and cash equivalents	\$ 623,224	\$ 22,318	\$ 109,195	\$ 351,980	\$ 275,586
Interest receivable	990	54	173	679	471
Due from other governmental agencies	-	-	-	-	-
Due from other funds	-	-	-	-	-
Accounts receivable, net	-	-	-	25,000	-
Total assets	\$ 624,214	\$ 22,372	\$ 109,368	\$ 377,659	\$ 276,057
 <u>Liabilities and Fund Balances</u>					
Liabilities:					
Accounts payable and accrued liabilities	\$ -	\$ -	\$ -	\$ 42,575	\$ -
Due to other funds	27,089	-	-	-	124
Total liabilities	27,089	-	-	42,575	124
 <u>Deferred Inflow of Resources:</u>					
Deferred inflow of resources	-	-	-	-	-
 Fund Balances:					
Nonspendable	-	-	-	-	-
Restricted	-	-	109,368	-	275,933
Committed	561,074	-	-	139,700	-
Assigned	36,051	22,372	-	195,384	-
Unassigned	-	-	-	-	-
Total fund balances	597,125	22,372	109,368	335,084	275,933
Total liabilities, deferred inflow of resources and fund balances	\$ 624,214	\$ 22,372	\$ 109,368	\$ 377,659	\$ 276,057

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<u>Assets</u>	<u>Special Revenue</u>				
	Dry Cleaners Financial Incentives Grant Program Fund	Rule 1173 Mitigation Fee Fund	CBE / OCE Settlement Agreement Fund	BP ARCO Settlements Project Fund	Health Effects Research Fund
Cash and cash equivalents	\$ 355,481	\$ 2,927,886	\$ 223,320	\$ 8,639,092	\$ 3,193,439
Interest receivable	584	4,649	-	15,524	4,923
Due from other governmental agencies	-	-	-	-	-
Due from other funds	-	-	-	-	-
Accounts receivable, net	-	-	-	-	-
Total assets	\$ 356,065	\$ 2,932,535	\$ 223,320	\$ 8,654,616	\$ 3,198,362
 <u>Liabilities and Fund Balances</u>					
Liabilities:					
Accounts payable and accrued liabilities	\$ -	\$ -	\$ -	\$ 1,354,500	\$ -
Due to other funds	-	-	-	-	-
Total liabilities	-	-	-	1,354,500	-
 <u>Deferred Inflow of Resources:</u>					
Deferred inflow of resources	-	-	-	-	-
 Fund Balances:					
Nonspendable	-	-	-	-	-
Restricted	-	-	-	-	-
Committed	-	-	-	243,833	-
Assigned	356,065	2,932,535	223,320	7,056,283	3,198,362
Unassigned	-	-	-	-	-
Total fund balances	356,065	2,932,535	223,320	7,300,116	3,198,362
Total liabilities, deferred inflow of resources and fund balances	\$ 356,065	\$ 2,932,535	\$ 223,320	\$ 8,654,616	\$ 3,198,362

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COMBINING BALANCE SHEET
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<u>Assets</u>	<u>Special Revenue</u>				
	<u>CEQA Green House Gas Mitigation Fund</u>	<u>TraPac School Air Filtration Fund</u>	<u>Emission Reduction and Outreach Fund</u>	<u>Rule 1118 Mitigation Fund</u>	<u>HEROS II Fund</u>
Cash and cash equivalents	\$ 132,506	\$ 5,293	\$ 956	\$ 22,231,830	\$ 3,959,139
Interest receivable	210	-	2	34,477	9,513
Due from other governmental agencies	-	-	-	-	-
Due from other funds	-	-	-	-	-
Accounts receivable, net	-	-	-	-	-
Total assets	\$ 132,716	\$ 5,293	\$ 958	\$ 22,266,307	\$ 3,968,652
 <u>Liabilities and Fund Balances</u>					
Liabilities:					
Accounts payable and accrued liabilities	\$ -	\$ 5,293	\$ -	\$ 44,000	\$ 12,194
Due to other funds	-	-	-	101,996	26,887
Total liabilities	-	5,293	-	145,996	39,081
 <u>Deferred Inflow of Resources:</u>					
Deferred inflow of resources	-	-	-	-	-
 Fund Balances:					
Nonspendable	-	-	-	-	-
Restricted	-	-	-	-	-
Committed	-	-	-	6,713,780	3,929,571
Assigned	132,716	-	958	15,406,531	-
Unassigned	-	-	-	-	-
Total fund balances	132,716	-	958	22,120,311	3,929,571
Total liabilities, deferred inflow of resources and fund balances	\$ 132,716	\$ 5,293	\$ 958	\$ 22,266,307	\$ 3,968,652

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<u>Assets</u>	<u>Special Revenue</u>				
	El Monte Park Project Settlement Fund	AB 1318 Mitigation Fees Fund	Voucher Incentive Program (VIP) Fund	Advanced Technology Goods Movement Fund	Rule 1470 Risk Reduction Fund
Cash and cash equivalents	\$ 922,569	\$ 14,487,067	\$ 5,116,832	\$ 3,040,018	\$ 2,543,298
Interest receivable	1,465	28,094	8,319	4,676	4,038
Due from other governmental agencies	-	-	-	88,874	-
Due from other funds	-	-	-	-	-
Accounts receivable, net	-	-	-	283,495	-
Total assets	\$ 924,034	\$ 14,515,161	\$ 5,125,151	\$ 3,417,063	\$ 2,547,336
 <u>Liabilities and Fund Balances</u>					
Liabilities:					
Accounts payable and accrued liabilities	\$ 918,512	\$ -	\$ 110,000	\$ 88,874	\$ -
Due to other funds	-	5,273	-	724,490	-
Total liabilities	918,512	5,273	110,000	813,364	-
 <u>Deferred Inflow of Resources:</u>					
Deferred inflow of resources	-	-	-	-	-
 Fund Balances:					
Nonspendable	-	-	-	-	-
Restricted	-	-	5,015,151	-	-
Committed	-	12,163,248	-	857,086	-
Assigned	5,522	2,346,640	-	1,746,613	2,547,336
Unassigned	-	-	-	-	-
Total fund balances	5,522	14,509,888	5,015,151	2,603,699	2,547,336
Total liabilities, deferred inflow of resources and fund balances	\$ 924,034	\$ 14,515,161	\$ 5,125,151	\$ 3,417,063	\$ 2,547,336

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<u>Assets</u>	<u>Special Revenue</u>				
	Hydrogen Fueling Infrastructure Fund	Rule 1420.1 Special Revenue Fund	BP/SCAQMD Public Benefits Oversight Fund	Rule 1304.1 Special Revenue Fund	ExxonMobil Settlement Projects Special Revenue Fund
Cash and cash equivalents	\$ -	\$ 95,384	\$ 152,979	\$ 11,548,800	\$ 952,803
Interest receivable	-	151	243	18,086	2,044
Due from other governmental agencies	-	-	-	-	-
Due from other funds	-	-	-	-	-
Accounts receivable, net	-	-	-	-	-
Total assets	\$ -	\$ 95,535	\$ 153,222	\$ 11,566,886	\$ 954,847
 <u>Liabilities and Fund Balances</u>					
Liabilities:					
Accounts payable and accrued liabilities	\$ -	\$ -	\$ -	\$ -	\$ 86,116
Due to other funds	-	-	-	-	-
Total liabilities	-	-	-	-	86,116
 <u>Deferred Inflow of Resources:</u>					
Deferred inflow of resources	-	-	-	-	-
 Fund Balances:					
Nonspendable	-	-	-	-	-
Restricted	-	95,535	153,222	11,566,886	-
Committed	-	-	-	-	687,978
Assigned	-	-	-	-	180,753
Unassigned	-	-	-	-	-
Total fund balances	-	95,535	153,222	11,566,886	868,731
Total liabilities, deferred inflow of resources and fund balances	\$ -	\$ 95,535	\$ 153,222	\$ 11,566,886	\$ 954,847

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<u>Assets</u>	<u>Special Revenue</u>				
	LADWP Variance Special Revenue Fund	Air Filtration Fund	SoCal Gas Settlement Special Revenue Fund	Rule 1180 Special Revenue Fund	VW Mitigation Special Revenue Fund
Cash and cash equivalents	\$ 1,360,603	\$ 1,694,519	\$ 243,752	\$ 1,507,616	\$ 41,008,036
Interest receivable	2,172	3,000	1,198	3,282	48,204
Due from other governmental agencies	-	-	-	-	-
Due from other funds	-	-	-	-	-
Accounts receivable, net	-	-	-	-	-
Total assets	\$ 1,362,775	\$ 1,697,519	\$ 244,950	\$ 1,510,898	\$ 41,056,240
 <u>Liabilities and Fund Balances</u>					
Liabilities:					
Accounts payable and accrued liabilities	\$ 25,326	\$ -	\$ -	\$ -	\$ -
Due to other funds	-	-	-	-	158,227
Total liabilities	25,326	-	-	-	158,227
 <u>Deferred Inflow of Resources:</u>					
Deferred inflow of resources	-	-	-	-	-
 Fund Balances:					
Nonspendable	-	-	-	-	-
Restricted	-	-	-	1,510,898	40,898,013
Committed	830,439	1,282,809	175,000	-	-
Assigned	507,010	414,710	69,950	-	-
Unassigned	-	-	-	-	-
Total fund balances	1,337,449	1,697,519	244,950	1,510,898	40,898,013
Total liabilities, deferred inflow of resources and fund balances	\$ 1,362,775	\$ 1,697,519	\$ 244,950	\$ 1,510,898	\$ 41,056,240

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<u>Assets</u>	<u>Special Revenue</u>			
	Prop 1B Goods Movement Fund	Clean Shipping Tech Demos Special Revenue Fund	Aliso Canyon Air Filtration Special Revenue Fund	Aliso Fund Porter Ranch Special Revenue Fund
Cash and cash equivalents	\$ 85,688,796	\$ 11,540,899	\$ 7,102,720	\$ 1,000,005
Interest receivable	148,196	12,691	8,435	777
Due from other governmental agencies	-	16,877	-	-
Due from other funds	3,005,358	-	-	-
Accounts receivable, net	-	-	-	-
Total assets	\$ 88,842,350	\$ 11,570,467	\$ 7,111,155	\$ 1,000,782
 <u>Liabilities and Fund Balances</u>				
Liabilities:				
Accounts payable and accrued liabilities	\$ 8,100,000	\$ -	\$ -	\$ -
Due to other funds	268,450	9,539,275	15,506	-
Total liabilities	8,368,450	9,539,275	15,506	-
 <u>Deferred Inflow of Resources:</u>				
Deferred inflow of resources	-	-	-	-
 Fund Balances:				
Nonspendable	-	-	-	-
Restricted	80,473,900	-	-	-
Committed	-	-	-	-
Assigned	-	2,031,192	7,095,649	1,000,782
Unassigned	-	-	-	-
Total fund balances	80,473,900	2,031,192	7,095,649	1,000,782
Total liabilities, deferred inflow of resources and fund balances	\$ 88,842,350	\$ 11,570,467	\$ 7,111,155	\$ 1,000,782

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**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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<u>Assets</u>	<u>Capital Project</u>		Component Unit	<u>Total</u>
	<u>Infrastructure Improvement Fund</u>	<u>Debt Service Fund</u>	<u>SCAQMD Building Corporation</u>	
Cash and cash equivalents	\$ 1,873,818	\$ 160,330	\$ 177,944	\$ 412,123,303
Interest receivable	3,131	255	-	647,021
Due from other governmental agencies	-	-	-	8,019,036
Due from other funds	-	-	-	12,578,495
Accounts receivable, net	-	-	-	1,715,639
Total assets	\$ 1,876,949	\$ 160,585	\$ 177,944	\$ 435,083,494
 <u>Liabilities and Fund Balances</u>				
Liabilities:				
Accounts payable and accrued liabilities	\$ -	\$ -	\$ 200	\$ 28,167,359
Due to other funds	-	-	-	12,160,691
Total liabilities	-	-	200	40,328,050
 <u>Deferred Inflow of Resources:</u>				
Deferred inflow of resources	-	-	-	591,651
 Fund Balances:				
Nonspendable	-	-	-	-
Restricted	-	160,585	-	227,118,599
Committed	2,970	-	-	53,006,044
Assigned	1,873,979	-	177,744	114,039,150
Unassigned	-	-	-	-
Total fund balances	1,876,949	160,585	177,744	394,163,793
Total liabilities, deferred inflow of resources and fund balances	\$ 1,876,949	\$ 160,585	\$ 177,944	\$ 435,083,494

Continued

See independent auditor's report.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
COMBINING STATEMENT OF REVENUES, EXPENDITURES, AND
CHANGES IN FUND BALANCE
NON-MAJOR GOVERNMENTAL FUNDS
For the Year Ended June 30, 2021**

	Special Revenue				
	Air Toxics	Advanced Tech	Air Quality	Air Quality	Clean Fuels
	Fund	Outreach & Education Fund	Assistance Fund	Improvement Fund	Program Fund
Revenues:					
Emission fees	\$ -	\$ -	\$ -	\$ -	\$ -
Mobile sources/clean fuels	-	-	-	-	10,677,899
Air Toxics "Hot Spots"	182,406	-	-	-	-
Federal grant	-	1,853,249	-	-	112,235
State grant	-	-	-	-	3,892,707
Interest revenue	13,298	17,193	9,555	24,287	408,969
Penalties and settlements	-	-	-	-	-
Other revenues	7,337	312,500	-	-	305,000
Total revenues	203,041	2,182,942	9,555	24,287	15,396,810
Expenditures:					
Salaries and employee benefits	-	-	-	-	-
Insurance	-	-	-	-	-
Rent	-	-	-	-	-
Supplies	-	-	-	-	-
Contract and special services	7,076	2,381,767	-	-	5,464,725
Maintenance	-	-	-	-	-
Travel and auto	-	-	-	-	-
Utilities	-	-	-	-	-
Communications	-	-	-	-	-
Uncollectible accounts	-	-	-	-	-
Other expenditures	-	-	-	-	-
Capital outlay	-	-	-	-	-
Debt Service					
Principal	-	-	-	-	-
Interest	-	-	-	-	-
Total expenditures	7,076	2,381,767	-	-	5,464,725
Excess (deficiency) of revenues over (under) expenditures before transfers	195,965	(198,825)	9,555	24,287	9,932,085
Other financing sources (uses)					
Transfers in	-	2,555,000	-	-	500,000
Transfers out	-	-	-	-	(7,835,704)
Total other financing sources (uses)	-	2,555,000	-	-	(7,335,704)
Net change in fund balances	195,965	2,356,175	9,555	24,287	2,596,381
Fund balances, July 1, 2020	\$ 2,269,707	\$ 1,234,860	\$ 1,676,976	\$ 22,412	\$ 73,404,822
Fund balances, June 30, 2021	\$ 2,465,672	\$ 3,591,035	\$ 1,686,531	\$ 46,699	\$ 76,001,203

See accompanying notes to the basic financial statements.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE
NON-MAJOR GOVERNMENTAL FUNDS
For the Year Ended June 30, 2021**

	Special Revenue				
	Carl Moyer Program Fund	Lower-Emission School Bus Fund	Zero Emission Vehicle Incentive Fund	AES Settlement Projects Fund	Rule 1309.1 Priority Reserve Fund
Revenues:					
Emission fees	\$ -	\$ -	\$ -	\$ -	\$ -
Mobile sources/clean fuels	-	-	-	-	-
Air Toxics "Hot Spots"	-	-	-	-	-
Federal grant	-	-	-	-	-
State grant	34,992,906	-	-	-	-
Interest revenue	460,317	48,717	3,809	4,883	28,121
Penalties and settlements	-	-	-	-	-
Other revenues	-	-	-	-	9,349
Total revenues	35,453,223	48,717	3,809	4,883	37,470
Expenditures:					
Salaries and employee benefits	-	-	-	-	-
Insurance	-	-	-	-	-
Rent	-	-	-	-	-
Supplies	-	-	-	-	-
Contract and special services	29,966,972	-	-	15,000	37,400
Maintenance	-	-	-	-	-
Travel and auto	-	-	-	-	-
Utilities	-	-	-	-	-
Communications	-	-	-	-	-
Uncollectible accounts	-	-	-	-	-
Other expenditures	89,341	-	-	-	-
Capital outlay	-	-	-	-	-
Debt Service					
Principal	-	-	-	-	-
Interest	-	-	-	-	-
Total expenditures	30,056,313	-	-	15,000	37,400
Excess (deficiency) of revenues over (under) expenditures before transfers	5,396,910	48,717	3,809	(10,117)	70
Other financing sources (uses)					
Transfers in	-	-	-	-	-
Transfers out	-	-	-	-	-
Total other financing sources (uses)	-	-	-	-	-
Net change in fund balances	5,396,910	48,717	3,809	(10,117)	70
Fund balances, July 1, 2020	\$ 71,676,223	\$ 9,027,555	\$ 705,894	\$ 910,594	\$ 5,207,562
Fund balances, June 30, 2021	\$ 77,073,133	\$ 9,076,272	\$ 709,703	\$ 900,477	\$ 5,207,632

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See independent auditor's report.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE
NON-MAJOR GOVERNMENTAL FUNDS
For the Year Ended June 30, 2021**

	Special Revenue				
	CARB ERC	LADWP	State-Emissions	Natural Gas	State BUG
	Bank Fund	Settlement Fund	Mitigation Fund	Vehicle Partner Fund	Program Fund
Revenues:					
Emission fees	\$ -	\$ -	\$ -	\$ -	\$ -
Mobile sources/clean fuels	-	-	-	-	-
Air Toxics "Hot Spots"	-	-	-	-	-
Federal grant	-	-	-	-	-
State grant	-	-	-	-	-
Interest revenue	3,350	602	587	2,157	1,703
Penalties and settlements	-	-	-	-	-
Other revenues	-	-	-	112,500	-
Total revenues	3,350	602	587	114,657	1,703
Expenditures:					
Salaries and employee benefits	-	-	-	-	-
Insurance	-	-	-	-	-
Rent	-	-	-	-	-
Supplies	-	-	-	-	-
Contract and special services	-	-	-	155,723	51,000
Maintenance	-	-	-	-	-
Travel and auto	-	-	-	-	-
Utilities	-	-	-	-	-
Communications	-	-	-	-	-
Uncollectible accounts	-	-	-	-	-
Other expenditures	-	-	-	-	-
Capital outlay	-	-	-	-	-
Debt Service					
Principal	-	-	-	-	-
Interest	-	-	-	-	-
Total expenditures	-	-	-	155,723	51,000
Excess (deficiency) of revenues over (under) expenditures before transfers	3,350	602	587	(41,066)	(49,297)
Other financing sources (uses)					
Transfers in	-	-	-	25,000	-
Transfers out	(27,089)	-	-	-	(124)
Total other financing sources (uses)	(27,089)	-	-	25,000	(124)
Net change in fund balances	(23,739)	602	587	(16,066)	(49,421)
Fund balances, July 1, 2020	\$ 620,864	\$ 21,770	\$ 108,781	\$ 351,150	\$ 325,354
Fund balances, June 30, 2021	\$ 597,125	\$ 22,372	\$ 109,368	\$ 335,084	\$ 275,933

See independent auditor's report.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE
NON-MAJOR GOVERNMENTAL FUNDS
For the Year Ended June 30, 2021**

	Special Revenue				
	Dry Cleaners Financial Incentives Grant Program Fund	Rule 1173 Mitigation Fee Fund	CBE/OCE Settlement Agreement Fund	BP ARCO Settlements Project Fund	Health Effects Research Fund
Revenues:					
Emission fees	\$ -	\$ -	\$ -	\$ -	\$ -
Mobile sources/clean fuels	-	-	-	-	-
Air Toxics "Hot Spots"	-	-	-	-	-
Federal grant	-	-	-	-	-
State grant	-	-	-	-	-
Interest revenue	2,019	15,741	-	53,086	15,438
Penalties and settlements	-	-	-	-	-
Other revenues	-	-	-	6,315	-
Total revenues	2,019	15,741	-	59,401	15,438
Expenditures:					
Salaries and employee benefits	-	-	-	-	-
Insurance	-	-	-	-	-
Rent	-	-	-	-	-
Supplies	-	-	-	-	-
Contract and special services	35,000	-	-	1,756,150	-
Maintenance	-	-	-	-	-
Travel and auto	-	-	-	-	-
Utilities	-	-	-	-	-
Communications	-	-	-	-	-
Uncollectible accounts	-	-	-	-	-
Other expenditures	-	-	-	-	-
Capital outlay	-	-	-	-	-
Debt Service					
Principal	-	-	-	-	-
Interest	-	-	-	-	-
Total expenditures	35,000	-	-	1,756,150	-
Excess (deficiency) of revenues over (under) expenditures before transfers	(32,981)	15,741	-	(1,696,749)	15,438
Other financing sources (uses)					
Transfers in	-	-	-	-	1,276,989
Transfers out	-	-	-	(1,000,000)	-
Total other financing sources (uses)	-	-	-	(1,000,000)	1,276,989
Net change in fund balances	(32,981)	15,741	-	(2,696,749)	1,292,427
Fund balances, July 1, 2020	\$ 389,046	\$ 2,916,794	\$ 223,320	\$ 9,996,865	\$ 1,905,935
Fund balances, June 30, 2021	\$ 356,065	\$ 2,932,535	\$ 223,320	\$ 7,300,116	\$ 3,198,362

Continued

See independent auditor's report.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE
NON-MAJOR GOVERNMENTAL FUNDS
For the Year Ended June 30, 2021**

	Special Revenue				
	CEQA Green House Gas Mitigation Fund	TraPac School Air Filtration Fund	Emission Reduction and Outreach Fund	Rule 1118 Mitigation Fund	HEROS II Fund
Revenues:					
Emission fees	\$ -	\$ -	\$ -	\$ -	\$ -
Mobile sources/clean fuels	-	-	-	-	-
Air Toxics "Hot Spots"	-	-	-	-	-
Federal grant	-	-	-	-	-
State grant	-	-	-	-	15,220,000
Interest revenue	712	196	5	116,858	27,594
Penalties and settlements	-	-	-	-	-
Other revenues	-	-	-	1,737,111	81,900
Total revenues	712	196	5	1,853,969	15,329,494
Expenditures:					
Salaries and employee benefits	-	-	-	-	-
Insurance	-	-	-	-	-
Rent	-	-	-	-	-
Supplies	-	-	-	-	-
Contract and special services	-	-	-	524,000	13,363,245
Maintenance	-	-	-	-	-
Travel and auto	-	-	-	-	-
Utilities	-	-	-	-	-
Communications	-	-	-	-	-
Uncollectible accounts	-	-	-	-	-
Other expenditures	-	4,910	-	-	-
Capital outlay	-	-	-	-	-
Debt Service					
Principal	-	-	-	-	-
Interest	-	-	-	-	-
Total expenditures	-	4,910	-	524,000	13,363,245
Excess (deficiency) of revenues over (under) expenditures before transfers	712	(4,714)	5	1,329,969	1,966,249
Other financing sources (uses)					
Transfers in	-	-	-	-	-
Transfers out	-	-	-	(101,996)	(973,567)
Total other financing sources (uses)	-	-	-	(101,996)	(973,567)
Net change in fund balances	712	(4,714)	5	1,227,973	992,682
Fund balances, July 1, 2020	\$ 132,004	\$ 4,714	\$ 953	\$ 20,892,338	\$ 2,936,889
Fund balances, June 30, 2021	\$ 132,716	\$ -	\$ 958	\$ 22,120,311	\$ 3,929,571

See independent auditor's report.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE
NON-MAJOR GOVERNMENTAL FUNDS
For the Year Ended June 30, 2021**

	Special Revenue				
	El Monte Park Project Settlement Fund	AB 1318 Mitigation Fees Fund	Voucher Incentive Program (VIP) Fund	Advanced Technology Goods Movement Fund	Rule 1470 Risk Reduction Fund
Revenues:					
Emission fees	\$ -	\$ -	\$ -	\$ -	\$ -
Mobile sources/clean fuels	-	-	-	-	-
Air Toxics "Hot Spots"	-	-	-	-	-
Federal grant	-	-	-	132,115	-
State grant	-	-	4,275,655	-	-
Interest revenue	4,960	95,909	24,887	17,286	13,673
Penalties and settlements	-	-	-	-	-
Other revenues	-	9,504	-	1,499,485	-
Total revenues	4,960	105,413	4,300,542	1,648,886	13,673
Expenditures:					
Salaries and employee benefits	-	-	-	-	-
Insurance	-	-	-	-	-
Rent	-	-	-	-	-
Supplies	-	-	-	-	-
Contract and special services	918,512	3,429,740	2,545,000	728,564	-
Maintenance	-	-	-	-	-
Travel and auto	-	-	-	-	-
Utilities	-	-	-	-	-
Communications	-	-	-	-	-
Uncollectible accounts	-	-	-	-	-
Other expenditures	-	-	-	-	-
Capital outlay	-	-	-	-	-
Debt Service					
Principal	-	-	-	-	-
Interest	-	-	-	-	-
Total expenditures	918,512	3,429,740	2,545,000	728,564	-
Excess (deficiency) of revenues over (under) expenditures before transfers	(913,552)	(3,324,327)	1,755,542	920,322	13,673
Other financing sources (uses)					
Transfers in	-	-	-	-	-
Transfers out	-	(5,273)	-	(500,000)	-
Total other financing sources (uses)	-	(5,273)	-	(500,000)	-
Net change in fund balances	(913,552)	(3,329,600)	1,755,542	420,322	13,673
Fund balances, July 1, 2020	\$ 919,074	\$ 17,839,488	\$ 3,259,609	\$ 2,183,377	\$ 2,533,663
Fund balances, June 30, 2021	\$ 5,522	\$ 14,509,888	\$ 5,015,151	\$ 2,603,699	\$ 2,547,336

Continued

See independent auditor's report.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE
NON-MAJOR GOVERNMENTAL FUNDS
For the Year Ended June 30, 2021**

	Special Revenue				
	Hydrogen Fueling Infrastructure Fund	Rule 1420.1 Special Revenue Fund	BP/SCAQMD Public Benefits Oversight Fund	Rule 1304.1 Special Revenue Fund	ExxonMobil Settlement Projects Special Revenue Fund
Revenues:					
Emission fees	\$ -	\$ -	\$ -	\$ -	\$ -
Mobile sources/clean fuels	-	-	-	-	-
Air Toxics "Hot Spots"	-	-	-	-	-
Federal grant	-	-	-	-	-
State grant	-	-	-	-	-
Interest revenue	-	512	823	55,630	8,814
Penalties and settlements	-	-	-	-	-
Other revenues	-	-	-	3,663,900	-
Total revenues	-	512	823	3,719,530	8,814
Expenditures:					
Salaries and employee benefits	-	-	-	-	-
Insurance	-	-	-	-	-
Rent	-	-	-	-	-
Supplies	-	-	-	-	-
Contract and special services	104,941	-	-	-	1,119,068
Maintenance	-	-	-	-	-
Travel and auto	-	-	-	-	-
Utilities	-	-	-	-	-
Communications	-	-	-	-	-
Uncollectible accounts	-	-	-	-	-
Other expenditures	202,913	-	-	-	-
Capital outlay	-	-	-	-	-
Debt Service					
Principal	-	-	-	-	-
Interest	-	-	-	-	-
Total expenditures	307,854	-	-	-	1,119,068
Excess (deficiency) of revenues over (under) expenditures before transfers	<u>(307,854)</u>	<u>512</u>	<u>823</u>	<u>3,719,530</u>	<u>(1,110,254)</u>
Other financing sources (uses)					
Transfers in	-	-	-	-	-
Transfers out	-	-	-	-	-
Total other financing sources (uses)	-	-	-	-	-
Net change in fund balances	(307,854)	512	823	3,719,530	(1,110,254)
Fund balances, July 1, 2020	\$ 307,854	\$ 95,023	\$ 152,399	\$ 7,847,356	\$ 1,978,985
Fund balances, June 30, 2021	<u>\$ -</u>	<u>\$ 95,535</u>	<u>\$ 153,222</u>	<u>\$ 11,566,886</u>	<u>\$ 868,731</u>

See independent auditor's report.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE
NON-MAJOR GOVERNMENTAL FUNDS
For the Year Ended June 30, 2021**

	Special Revenue				
	LADWP	Air	SoCal Gas	Rule 1180	VW Mitigation
	Variance Special Revenue Fund	Filtration Fund	Settlement Special Revenue Fund	Special Revenue Fund	Special Revenue Fund
Revenues:					
Emission fees	\$ -	\$ -	\$ -	\$ -	\$ -
Mobile sources/clean fuels	-	-	-	-	345,952
Air Toxics "Hot Spots"	-	-	-	-	-
Federal grant	-	-	-	-	-
State grant	-	-	-	-	32,730,238
Interest revenue	7,616	10,776	5,905	14,157	85,091
Penalties and settlements	-	138,550	-	-	-
Other revenues	-	-	-	-	-
Total revenues	7,616	149,326	5,905	14,157	33,161,281
Expenditures:					
Salaries and employee benefits	-	-	-	-	-
Insurance	-	-	-	-	-
Rent	-	-	-	-	-
Supplies	-	-	-	-	-
Contract and special services	25,326	436,093	-	-	-
Maintenance	-	-	-	-	-
Travel and auto	-	-	-	-	-
Utilities	-	-	-	-	-
Communications	-	-	-	-	-
Uncollectible accounts	-	-	-	-	-
Other expenditures	-	-	-	-	-
Capital outlay	-	-	-	-	-
Debt Service					
Principal	-	-	-	-	-
Interest	-	-	-	-	-
Total expenditures	25,326	436,093	-	-	-
Excess (deficiency) of revenues over (under) expenditures before transfers	(17,710)	(286,767)	5,905	14,157	33,161,281
Other financing sources (uses)					
Transfers in	-	-	-	805,000	-
Transfers out	-	(1,975)	(1,000,000)	(861,000)	-
Total other financing sources (uses)	-	(1,975)	(1,000,000)	(56,000)	-
Net change in fund balances	(17,710)	(288,742)	(994,095)	(41,843)	33,161,281
Fund balances, July 1, 2020	\$ 1,355,159	\$ 1,986,261	\$ 1,239,045	\$ 1,552,741	\$ 7,736,732
Fund balances, June 30, 2021	\$ 1,337,449	\$ 1,697,519	\$ 244,950	\$ 1,510,898	\$ 40,898,013

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See independent auditor's report.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE
NON-MAJOR GOVERNMENTAL FUNDS
For the Year Ended June 30, 2021**

	Special Revenue			
	Prop 1B Goods Movement Fund	Clean Shipping Tech Demos Special Revenue Fund	Aliso Canyon Air Filtration Special Revenue Fund	Aliso Fund Porter Ranch Special Revenue Fund
Revenues:				
Emission fees	\$ -	\$ -	\$ -	\$ -
Mobile sources/clean fuels	-	-	-	-
Air Toxics "Hot Spots"	-	-	-	-
Federal grant	-	-	-	-
State grant	-	-	-	-
Interest revenue	519,210	15,317	11,155	782
Penalties and settlements	-	-	7,100,000	-
Other revenues	15,000	400,000	-	-
Total revenues	534,210	415,317	7,111,155	782
Expenditures:				
Salaries and employee benefits	-	-	-	-
Insurance	-	-	-	-
Rent	-	-	-	-
Supplies	-	-	-	-
Contract and special services	15,500,000	700,000	-	-
Maintenance	-	-	-	-
Travel and auto	-	-	-	-
Utilities	-	-	-	-
Communications	-	-	-	-
Uncollectible accounts	-	-	-	-
Other expenditures	-	-	-	-
Capital outlay	-	-	-	-
Debt Service				
Principal	-	-	-	-
Interest	-	-	-	-
Total expenditures	15,500,000	700,000	-	-
Excess (deficiency) of revenues over (under) expenditures before transfers	(14,965,790)	(284,683)	7,111,155	782
Other financing sources (uses)				
Transfers in	-	300,000	-	1,000,000
Transfers out	(1,536,638)	-	(15,506)	-
Total other financing sources (uses)	(1,536,638)	300,000	(15,506)	1,000,000
Net change in fund balances	(16,502,428)	15,317	7,095,649	1,000,782
Fund balances, July 1, 2020	\$ 96,976,328	\$ 2,015,875	\$ -	\$ -
Fund balances, June 30, 2021	\$ 80,473,900	\$ 2,031,192	\$ 7,095,649	\$ 1,000,782

See independent auditor's report.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE
NON-MAJOR GOVERNMENTAL FUNDS
For the Year Ended June 30, 2021**

	<u>Capital Project</u>		Component Unit	
	Infrastructure Improvement Fund	Debt Service Fund	SCAQMD Building Corporation	Total
Revenues:				
Emission fees	\$ -	\$ -	\$ -	\$ -
Mobile sources/clean fuels	-	-	-	11,023,851
Air Toxics "Hot Spots"	-	-	-	182,406
Federal grant	-	-	-	2,097,599
State grant	-	-	-	91,111,506
Interest revenue	12,238	862	11	2,164,811
Penalties and settlements	-	-	-	7,238,550
Other revenues	-	-	-	8,159,901
Total revenues	<u>12,238</u>	<u>862</u>	<u>11</u>	<u>121,978,624</u>
Expenditures:				
Salaries and employee benefits	-	-	-	-
Insurance	-	-	-	-
Rent	-	-	-	-
Supplies	-	-	-	-
Contract and special services	663,488	-	-	79,928,790
Maintenance	-	-	-	-
Travel and auto	-	-	-	-
Utilities	-	-	-	-
Communications	-	-	-	-
Uncollectible accounts	-	-	-	-
Other expenditures	-	-	4,490	301,654
Capital outlay	-	-	-	-
Debt Service				
Principal	-	-	-	-
Interest	-	-	-	-
Total expenditures	<u>663,488</u>	<u>-</u>	<u>4,490</u>	<u>80,230,444</u>
Excess (deficiency) of revenues over (under) expenditures before transfers	<u>(651,250)</u>	<u>862</u>	<u>(4,479)</u>	<u>41,748,180</u>
Other financing sources (uses)				
Transfers in	-	-	-	6,461,989
Transfers out	-	-	-	(13,858,872)
Total other financing sources (uses)	<u>-</u>	<u>-</u>	<u>-</u>	<u>(7,396,883)</u>
Net change in fund balances	<u>(651,250)</u>	<u>862</u>	<u>(4,479)</u>	<u>34,351,297</u>
Fund balances, July 1, 2020	\$ 2,528,199	\$ 159,723	\$ 182,223	\$ 359,812,496
Fund balances, June 30, 2021	<u>\$ 1,876,949</u>	<u>\$ 160,585</u>	<u>\$ 177,744</u>	<u>\$ 394,163,793</u>

See independent auditor's report.

STATISTICAL SECTION

This part of South Coast AQMD's comprehensive annual financial report represents detailed information as a context for understanding what the information in the financial statements, note disclosure, and required supplementary information says about South Coast AQMD's overall financial health.

Contents

Financial Trends

Four schedules contain information to help the reader understand how the government's financial performance and well-being have changed over time.

Revenue Capacity

These schedules contain information to help the reader understand the concentration of South Coast AQMD's largest emission-based fee payers.

Debt Capacity

This schedule presents information to help the reader assess the affordability of South Coast AQMD's current levels of outstanding debt. Please see footnote under Schedule 7.

Demographic and Economic Information

These schedules offer demographic and economic indicators to help the reader understand the environment within which South Coast AQMD's financial activities take place.

Operating Information

These schedules contain data to help the reader understand how the information in South Coast AQMD's financial report relates to the services South Coast AQMD provides and the activities it performs.

Source: Unless otherwise noted, the information in these schedules was derived from South Coast AQMD's comprehensive annual financial reports for the relevant year.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Schedule 1
Net Position by Component
Last Ten Fiscal Years
(accrual basis of accounting)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Governmental Activities:										
Net investment in capital assets	\$ 25,696,728	\$ 39,667,137	\$ 38,509,847	\$ 36,957,165	\$ 36,178,389	\$ 36,127,300	\$ 35,756,464	\$ 35,501,602	\$ 38,515,021	\$ 37,258,925
Restricted for pension assets	1,361,315	3,031,890	4,437,818	-	-	-	-	-	-	-
Restricted for long-term emission-reduction projects	527,549,463	530,540,932	536,617,440	468,946,402	498,119,549	607,438,908	676,857,257	785,722,419	850,523,778	892,386,082
Unrestricted	29,529,812	21,554,913	29,264,960	(157,555,673)	(152,854,184)	(141,541,447)	(129,700,877)	(128,938,591)	(126,463,599)	(151,497,814)
Total governmental activities net position	<u>\$ 584,137,318</u>	<u>\$ 594,794,872</u>	<u>\$ 608,830,065</u>	<u>\$ 348,347,894</u>	<u>\$ 381,443,754</u>	<u>\$ 502,024,761</u>	<u>\$ 582,912,844</u>	<u>\$ 692,285,430</u>	<u>\$ 762,575,200</u>	<u>\$ 778,147,193</u>
Business-type Activities:*										
Unrestricted	\$ 525,078	\$ 746,994	\$ 875,849	\$ 1,123,954	\$ 1,235,284	\$ 1,253,178	\$ -	\$ -	\$ -	\$ -
Total business-type activities net position	<u>\$ 525,078</u>	<u>\$ 746,994</u>	<u>\$ 875,849</u>	<u>\$ 1,123,954</u>	<u>\$ 1,235,284</u>	<u>\$ 1,253,178</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Primary Government:										
Net investment in capital assets	\$ 25,696,728	\$ 39,667,137	\$ 38,509,847	\$ 36,957,165	\$ 36,178,389	\$ 36,127,300	\$ 35,756,464	\$ 35,501,602	\$ 38,515,021	\$ 37,258,925
Restricted for pension asset	1,361,315	3,031,890	4,437,818	-	-	-	-	-	-	-
Restricted for long-term emission-reduction projects	527,549,463	530,540,932	536,617,440	468,946,402	498,119,549	607,438,908	676,857,257	785,722,419	850,523,778	892,386,082
Unrestricted	30,054,890	22,301,907	30,140,809	(156,431,719)	(151,618,900)	(140,288,269)	(129,700,877)	(128,938,591)	(126,463,599)	(151,497,814)
Total primary government net position	<u>\$ 584,662,396</u>	<u>\$ 595,541,866</u>	<u>\$ 609,705,914</u>	<u>\$ 349,471,848</u>	<u>\$ 382,679,038</u>	<u>\$ 503,277,939</u>	<u>\$ 582,912,844</u>	<u>\$ 692,285,430</u>	<u>\$ 762,575,200</u>	<u>\$ 778,147,193</u>

*The Business-type Activates section reports transactions relating to the CNG fueling station. The CNG fueling station was closed in fiscal year 2017-2018.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Schedule 2
Changes in Net Position – Last Ten Fiscal Years
(accrual basis of accounting)

	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Expenses										
Governmental Activities:										
Advance clean air technology	\$ 6,672,977	\$ 6,857,959	\$ 6,212,087	\$ 5,539,607	\$ 7,119,417	\$ 7,825,599	\$ 9,271,026	\$ 11,520,547	\$ 12,827,393	\$ 14,560,468
Ensure compliance with clean air rules	47,026,449	47,417,956	48,813,991	43,252,162	45,622,680	49,316,129	50,528,522	52,353,479	55,167,960	59,823,114
Customer service and business assistance	7,729,015	8,169,587	8,332,770	6,124,811	8,337,319	9,260,504	9,743,294	11,637,664	13,032,003	14,979,824
Develop programs to achieve clean air	12,130,832	12,317,470	11,147,303	9,727,624	10,444,147	11,335,498	8,636,784	9,407,869	12,471,639	15,522,501
Develop rules to achieve clean air	7,286,149	7,269,414	7,514,210	7,161,179	7,566,089	7,604,041	10,013,098	14,275,590	14,131,578	17,228,755
Monitoring air quality	15,930,225	14,265,601	14,969,083	13,197,801	16,028,394	17,856,869	20,822,380	26,547,245	31,910,536	36,114,354
Timely review of permits	27,241,449	28,621,527	27,821,032	24,431,059	27,891,070	31,520,083	33,301,565	33,951,378	35,511,594	38,832,790
Policy support	1,483,613	1,306,054	1,204,588	331,652	511,705	885,773	667,046	1,028,495	1,945,852	1,773,352
Interest on long-term debt	4,691,658	4,605,963	4,102,888	4,031,178	3,884,990	3,906,955	3,731,589	3,605,251	3,463,254	3,302,637
Long-term emission reduction projects	<u>137,800,260</u>	<u>155,998,253</u>	<u>154,939,035</u>	<u>210,229,182</u>	<u>87,079,799</u>	<u>101,008,426</u>	<u>101,304,229</u>	<u>163,187,839</u>	<u>206,806,917</u>	<u>231,305,871</u>
Total govern't activities expenses	<u>\$ 267,992,627</u>	<u>\$ 286,829,784</u>	<u>\$ 285,056,987</u>	<u>\$ 324,026,255</u>	<u>\$ 214,485,609</u>	<u>\$ 240,519,877</u>	<u>\$ 248,019,533</u>	<u>\$ 327,515,357</u>	<u>\$ 387,268,726</u>	<u>\$ 433,443,666</u>
Business-type Activities:*										
CNG fueling station	\$ 135,805	\$ 189,518	\$ 264,221	\$ 168,769	\$ 117,675	\$ 128	\$ 31	\$ -	\$ -	\$ -
Total business-type activities expenses	<u>135,805</u>	<u>189,518</u>	<u>264,221</u>	<u>168,769</u>	<u>117,675</u>	<u>128</u>	<u>31</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total primary government expenses	<u>\$ 268,128,432</u>	<u>\$ 287,019,302</u>	<u>\$ 285,321,208</u>	<u>\$ 324,195,024</u>	<u>\$ 214,603,284</u>	<u>\$ 240,520,005</u>	<u>\$ 248,019,564</u>	<u>\$ 327,515,357</u>	<u>\$ 387,268,726</u>	<u>\$ 433,443,666</u>
Program Revenues										
Governmental Activities:										
Fees and Charges										
Stationary sources	\$ 82,624,489	\$ 85,439,616	\$ 87,160,484	\$ 88,120,829	\$ 89,264,511	\$ 94,279,518	\$ 100,354,910	\$ 101,804,325	\$ 106,450,095	\$ 106,917,251
Mobile sources	23,384,894	23,535,070	24,307,527	24,526,008	25,743,988	28,087,131	26,026,673	26,106,160	29,214,922	26,995,162
Operating grants and subventions	<u>213,332,401</u>	<u>173,309,732</u>	<u>164,053,936</u>	<u>149,766,034</u>	<u>122,424,397</u>	<u>222,070,040</u>	<u>185,367,622</u>	<u>295,516,665</u>	<u>303,621,322</u>	<u>304,766,572</u>
Total governmental activities prog. revenues	<u>\$ 319,341,784</u>	<u>\$ 282,284,418</u>	<u>\$ 275,521,947</u>	<u>\$ 262,412,871</u>	<u>\$ 237,432,896</u>	<u>\$ 344,436,689</u>	<u>\$ 311,749,205</u>	<u>\$ 423,427,150</u>	<u>\$ 439,286,339</u>	<u>\$ 438,678,985</u>

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Schedule 2

**Changes in Net Position – Last Ten Fiscal Years
(accrual basis of accounting) (continued)**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Business-type Activities:*										
CNG fueling station	\$ 290,796	\$ 411,434	\$ 393,076	\$ 416,874	\$ 229,005	\$ 18,022	\$ -	\$ -	\$ -	\$ -
Total business-type activities prog. revenues	<u>290,796</u>	<u>411,434</u>	<u>393,076</u>	<u>416,874</u>	<u>229,005</u>	<u>18,022</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total primary government prog. revenues	<u>\$ 319,632,580</u>	<u>\$ 282,695,852</u>	<u>\$ 275,915,023</u>	<u>\$ 262,829,745</u>	<u>\$ 237,661,901</u>	<u>\$ 344,454,711</u>	<u>\$ 311,749,205</u>	<u>\$ 423,427,150</u>	<u>\$ 439,286,339</u>	<u>\$ 438,678,985</u>
Net (Expense) Revenue										
Governmental activities	\$ 51,349,157	\$ (4,545,366)	\$ (9,535,040)	\$ (61,613,384)	\$ 22,947,287	\$ 103,916,812	\$ 63,729,672	\$ 95,911,793	\$ 52,017,613	\$ 5,235,319
Business-type activities	<u>154,991</u>	<u>221,916</u>	<u>128,855</u>	<u>248,105</u>	<u>111,330</u>	<u>17,894</u>	<u>(31)</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total primary govnt net (expenses) revenue	<u>\$ 51,504,148</u>	<u>\$ (4,323,450)</u>	<u>\$ (9,406,185)</u>	<u>\$ (61,365,279)</u>	<u>\$ 23,058,617</u>	<u>\$ 103,934,706</u>	<u>\$ 63,729,641</u>	<u>\$ 95,911,793</u>	<u>\$ 52,017,613</u>	<u>\$ 5,235,319</u>
General Revenues and Other Changes in Net Position										
Governmental Activities:										
Grants and subventions not restricted to specific stationary source programs	\$ 2,890,117	\$ 2,889,099	\$ 2,889,884	\$ 2,887,831	\$ 2,885,047	\$ 2,885,535	\$ 2,879,520	\$ 2,864,992	\$ 2,879,664	\$ 2,885,173
Interest	529,031	343,206	461,444	339,005	435,773	644,574	1,041,333	1,976,414	1,791,178	596,953
One time non-program penalties/settlements	4,906,391	11,562,529	17,959,410	8,733,773	5,704,685	11,511,570	14,316,145	7,196,194	12,178,184	4,714,520
Subscriptions	6,095	1,630	3,498	2,136	2,842	1,097	436	970	972	-
Other	1,352,418	406,456	2,255,997	2,080,950	1,120,226	1,621,419	1,153,863	1,422,223	1,422,159	2,140,028
Transfers	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,253,147</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total governmental activities	<u>\$ 9,684,052</u>	<u>\$ 15,202,920</u>	<u>\$ 23,570,233</u>	<u>\$ 14,043,695</u>	<u>\$ 10,148,573</u>	<u>\$ 16,664,195</u>	<u>\$ 20,644,444</u>	<u>\$ 13,460,793</u>	<u>\$ 18,272,157</u>	<u>\$ 10,336,674</u>
Total primary government revenue	<u>\$ 9,684,052</u>	<u>\$ 15,202,920</u>	<u>\$ 23,570,233</u>	<u>\$ 14,043,695</u>	<u>\$ 10,148,573</u>	<u>\$ 16,664,195</u>	<u>\$ 20,644,444</u>	<u>\$ 13,460,793</u>	<u>\$ 18,272,157</u>	<u>\$ 10,336,674</u>
Change in Net Position										
Governmental activities	\$ 61,033,209	\$ 10,657,554	\$ 14,035,193	\$ (47,569,689)	\$ 33,095,860	\$ 120,581,007	\$ 84,374,116	\$ 109,372,586	\$ 70,289,770	\$ 15,571,993
Business-type activities*	<u>154,991</u>	<u>221,916</u>	<u>128,855</u>	<u>248,105</u>	<u>111,330</u>	<u>17,894</u>	<u>(1,253,178)</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total primary government	<u>\$ 61,188,200</u>	<u>\$ 10,879,470</u>	<u>\$ 14,164,048</u>	<u>\$ (47,321,584)</u>	<u>\$ 33,207,190</u>	<u>\$ 120,598,901</u>	<u>\$ 83,120,938</u>	<u>\$ 109,372,586</u>	<u>\$ 70,289,770</u>	<u>\$ 15,571,993</u>

*The Business-type Activates section reports transactions relating to the CNG fueling station. The CNG fueling station was closed in fiscal year 2017-2018.

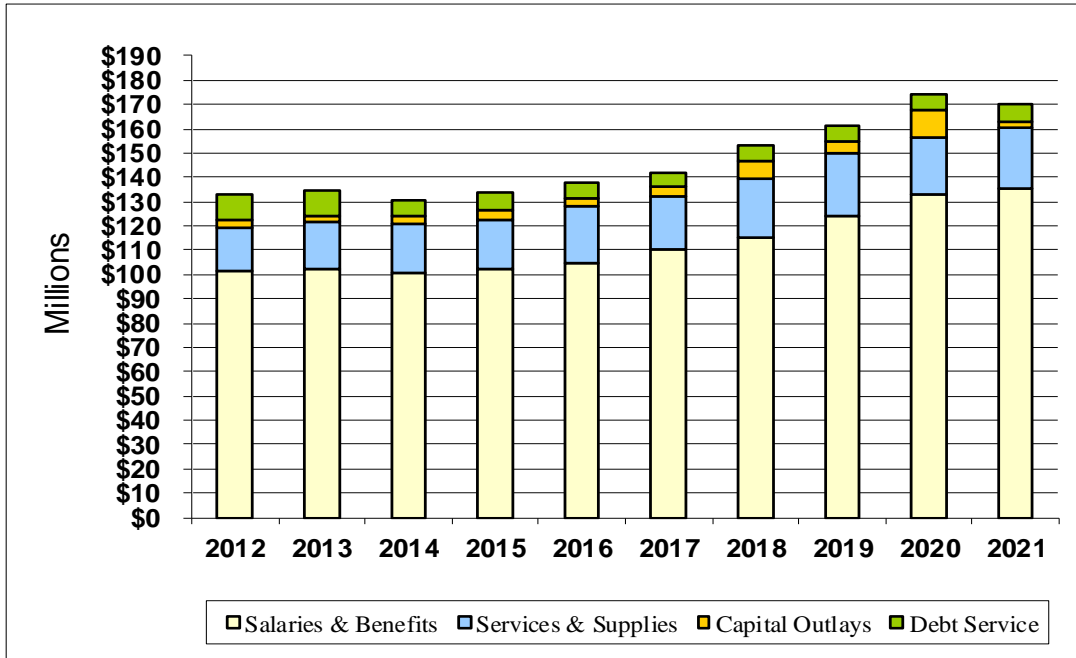
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 Schedule 3
 Fund Balances of Governmental Funds
 Last Ten Fiscal Years
 (modified accrual basis of accounting)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
General Fund										
Nonspendable	\$ 73,043	\$ 71,968	\$ 66,703	\$ 73,463	\$ 65,731	\$ 63,688	\$ 56,684	\$ 64,226	\$ 65,321	\$ 70,097
Committed	6,594,167	6,552,287	5,845,485	6,533,505	6,917,075	7,382,453	11,237,530	12,295,440	12,365,231	11,068,442
Assigned	15,390,753	12,194,651	12,194,650	6,803,899	6,203,899	6,303,899	7,228,892	6,149,673	6,149,673	6,149,673
Unassigned	24,689,814	19,774,006	27,672,310	34,353,647	31,006,208	38,741,459	47,532,700	52,514,979	65,957,001	72,450,590
Total general fund	\$ 46,747,777	\$ 38,592,912	\$ 45,779,148	\$ 47,764,514	\$ 44,192,913	\$ 52,491,499	\$ 66,055,806	\$ 71,024,318	\$ 84,537,226	\$ 89,738,802
All Other Governmental Funds										
Restricted	\$ 191,730,455	\$ 331,962,118	\$ 335,633,672	\$ 283,454,187	\$ 311,026,727	\$ 412,358,550	\$ 464,158,310	\$ 532,966,299	\$ 587,283,400	\$ 616,505,435
Committed	127,200,107	29,141,240	65,757,643	59,667,932	63,076,528	54,549,958	51,447,457	67,570,416	52,652,530	63,535,402
Assigned	210,588,937	169,437,574	135,253,835	126,111,461	125,654,185	142,085,357	161,309,146	185,578,704	210,587,848	212,345,245
Unassigned	(1,970,036)	-	(27,710)	(287,178)	(3,518,332)	(1,554,957)	(57,656)	-	-	-
Total all other governmental funds	\$ 527,549,463	\$ 530,540,932	\$ 536,617,440	\$ 468,946,402	\$ 496,239,108	\$ 607,438,908	\$ 676,857,257	\$ 786,115,419	\$ 850,523,778	\$ 892,386,082

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Schedule 4
Changes in Fund Balances of Governmental Funds
Last Ten Fiscal Years
(modified accrual basis of accounting)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Revenues:										
Emission fees	\$ 19,714,882	\$ 20,540,391	\$ 20,472,379	\$ 19,838,979	\$ 18,984,919	\$ 18,964,371	\$ 22,786,661	\$ 19,542,168	\$ 20,781,427	\$ 20,215,773
Annual renewal fees	42,189,557	43,056,220	44,260,635	45,759,738	47,592,793	48,930,776	52,182,769	57,028,631	60,450,564	64,570,338
Area Sources	2,808,927	2,132,263	2,819,001	2,573,959	2,226,172	2,090,207	2,293,947	2,257,755	1,859,185	2,369,926
Permit processing fees	15,658,916	17,210,640	16,945,777	16,668,485	17,239,759	20,729,207	19,538,295	20,030,307	19,666,601	16,675,965
Mobile sources / Clean fuels	69,689,913	67,441,546	69,688,940	70,953,981	73,011,225	75,104,035	74,450,510	76,071,690	76,113,061	81,932,965
Air Toxics "Hot Spots"	1,833,488	1,917,252	1,954,650	2,039,612	2,373,579	2,645,644	2,538,246	2,184,519	2,933,672	2,727,444
Transportation program	848,829	927,824	877,816	845,236	891,991	840,322	845,718	977,223	1,069,607	704,936
State subvention	3,949,672	3,948,646	3,949,439	3,947,386	3,944,602	3,945,090	3,939,075	3,924,547	3,939,219	3,944,728
Federal grant	27,508,859	19,468,654	23,713,303	32,939,310	11,521,785	15,399,372	11,887,333	11,588,113	13,491,576	9,840,259
State grant	128,099,308	101,432,241	80,762,239	60,717,715	38,050,172	125,988,646	83,101,876	176,582,411	188,315,029	210,415,959
Interest revenue	4,962,021	3,677,620	3,824,484	3,766,327	4,100,302	6,296,761	10,739,589	18,059,326	15,364,892	5,302,646
Lease revenue	281,284	140,739	133,916	141,878	141,195	156,204	147,660	162,879	150,164	124,285
Source test/analysis fees	759,784	790,824	697,133	746,399	683,328	734,258	663,011	574,007	427,852	265,860
Hearing Board fees	221,709	277,544	342,508	531,879	163,960	187,733	351,979	187,308	357,937	274,352
Penalties and settlements	6,006,391	11,642,529	17,959,410	8,733,773	8,475,935	11,511,570	15,801,455	8,266,671	13,939,501	11,953,070
Subscriptions	6,095	1,630	3,498	2,136	2,842	1,097	436	970	972	-
Other revenues	4,486,199	2,880,775	10,687,052	6,249,773	18,176,910	27,575,590	29,871,943	39,449,420	38,697,237	17,697,155
Total revenues	\$ 329,025,834	\$ 297,487,338	\$ 299,092,180	\$ 276,456,566	\$ 247,581,469	\$ 361,100,883	\$ 331,140,503	\$ 436,887,945	\$ 457,558,496	\$ 449,015,661
Expenditures:										
Salaries and employee benefits	\$ 101,364,885	\$ 102,289,888	\$ 101,023,768	\$ 102,127,845	\$ 104,908,690	\$ 110,040,224	\$ 115,342,430	124,376,220	133,296,239	135,197,844
Insurance	882,871	1,078,546	1,258,577	1,202,650	1,148,390	1,131,980	1,503,440	1,733,653	1,059,265	1,203,093
Rent	532,089	620,723	527,991	556,323	509,395	540,386	550,641	606,592	676,950	797,754
Supplies	2,371,901	2,894,275	2,647,163	2,588,866	2,519,673	3,035,619	3,375,314	3,779,066	4,186,926	2,737,608
Contract and special services	145,316,505	162,672,155	159,679,349	219,251,382	95,288,291	108,413,444	109,427,946	172,084,662	215,238,478	241,794,852
Maintenance	1,183,238	1,425,557	1,445,271	1,270,417	1,712,754	1,287,341	1,787,868	2,109,924	1,784,818	1,938,322
Travel and auto	791,042	753,860	739,784	783,720	703,392	877,137	1,107,393	1,141,882	877,886	459,515
Utilities	1,342,945	1,405,249	1,637,327	1,809,594	1,717,980	1,411,075	1,520,114	1,427,124	1,429,880	1,542,238
Communications	587,930	580,569	629,542	635,977	679,666	577,753	614,018	647,865	821,324	1,001,554
Uncollectible accounts	953,792	454,094	1,116,103	7,982	444,485	400,929	412,184	479,519	590,803	691,419
Other expenditures	2,544,090	2,179,367	4,578,992	1,665,715	3,004,689	2,023,075	1,996,218	2,110,673	3,611,532	2,077,377
Capital outlay	2,051,740	3,261,458	3,351,887	3,050,388	4,032,806	4,669,042	4,583,914	4,973,661	8,872,504	5,316,656
Debt service:										
Principal	10,250,000	18,177,007	3,099,025	3,159,384	3,235,598	3,331,010	3,432,798	3,553,110	3,686,641	3,840,443
Interest	2,945,639	4,857,985	4,094,658	4,031,995	3,954,555	3,863,482	3,756,716	3,637,290	3,503,983	3,353,106
Total expenditures	\$ 273,118,666	\$ 302,650,733	\$ 285,829,437	\$ 342,142,238	\$ 223,860,364	\$ 241,602,497	\$ 249,410,994	\$ 322,661,271	\$ 379,637,229	\$ 401,951,781
Excess (deficiency) of revenues over (under) expenditures	55,907,168	(5,163,395)	13,262,743	(65,685,672)	23,721,105	119,498,386	81,729,509	114,226,674	77,921,267	47,063,880
Other financing sources (uses):										
Transfer in	8,670,107	38,364,134	19,653,981	9,768,512	10,777,488	8,540,141	10,713,791	31,523,520	21,866,157	16,963,338
Transfer out	(8,670,107)	(38,364,134)	(19,653,981)	(9,768,512)	(10,777,488)	(8,540,141)	(9,460,644)	(31,523,520)	(21,866,157)	(16,963,338)
Total other financing sources (uses)	-	-	-	-	-	-	1,253,147	-	-	-
Net change in fund balances	\$ 55,907,168	\$ (5,163,395)	\$ 13,262,743	\$ (65,685,672)	\$ 23,721,105	\$ 119,498,386	\$ 82,982,656	\$ 114,226,674	\$ 77,921,267	\$ 47,063,880
Debt service as a percentage of noncapital expenditures	4.9%	7.7%	2.5%	2.1%	3.3%	3.0%	2.9%	2.3%	1.9%	1.8%

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 Schedule 5
 Expenditures by Major Object
 General Fund (Budgetary Basis)
 Last Ten Fiscal Years



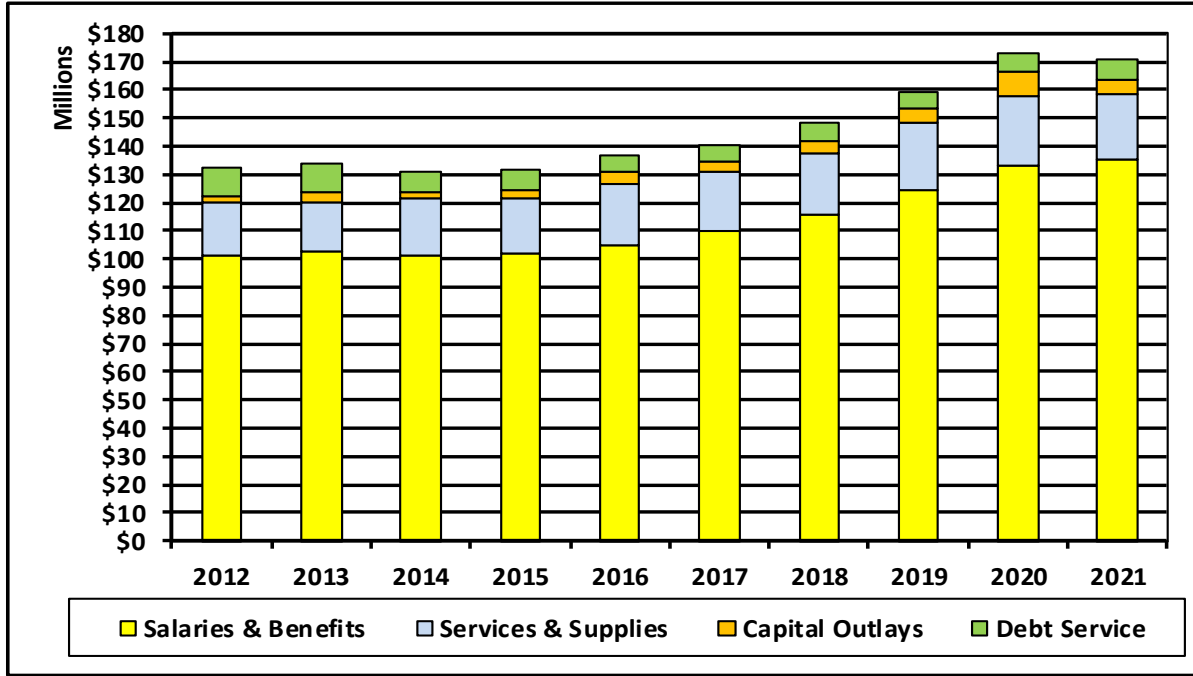
Year	Salaries & Benefits	Services & Supplies	Capital Outlays	Debt Service	Total Expenditures
2012	\$ 101,364,885	\$ 17,799,716	\$ 3,261,876	\$ 10,195,639	\$ 132,622,116
2013	102,289,888	19,052,813	3,053,754	10,219,978	134,616,433
2014	101,023,768	19,989,096	2,695,286	7,193,683	130,901,833
2015	102,127,842	20,074,713	4,031,026	7,191,379	133,424,960
2016	104,908,689	23,338,580	3,074,374	6,190,153	137,511,796
2017	110,077,989	21,757,613	4,037,890	6,194,492	142,067,984
2018	115,425,019	23,951,490	7,301,002	6,189,514	152,867,025
2019	124,376,218	25,949,611	4,669,722	6,190,400	161,185,951
2020	133,296,238	23,474,861	11,172,630	6,190,624	174,134,353
2021	135,197,844	25,090,257	2,382,488	7,193,549	169,864,138

See Notes Associated with Financial Charts page 110

Source:

South Coast Air Quality Management District Audited Financial Statements

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 Schedule 6
 Expenditures by Major Object
 General Fund (GAAP Basis)
 Last Ten Fiscal Years



Year	Salaries & Benefits	Services & Supplies	Capital Outlays	Debt Service	Total Expenditures
2012	\$ 101,364,885	\$ 18,706,143	\$ 2,051,740	\$ 10,195,639	\$ 132,318,407
2013	102,289,888	18,066,145	3,261,458	10,219,978	133,837,469
2014	101,023,768	20,469,780	2,203,171	7,193,683	130,890,402
2015	102,127,845	19,683,561	2,910,271	7,191,379	131,913,056
2016	104,908,690	22,007,495	3,674,227	6,190,153	136,780,565
2017	110,040,224	20,903,669	3,455,686	6,194,492	140,594,071
2018	115,342,430	21,995,126	4,579,695	6,189,514	148,106,765
2019	124,376,220	23,933,151	4,973,661	6,190,400	159,473,432
2020	133,296,239	24,470,945	8,872,504	6,190,624	172,830,312
2021	135,197,844	22,937,861	5,316,656	7,193,549	170,645,910

See Notes Associated with Financial Charts page 110

Source: South Coast Air Quality Management District Audited Financial Statements

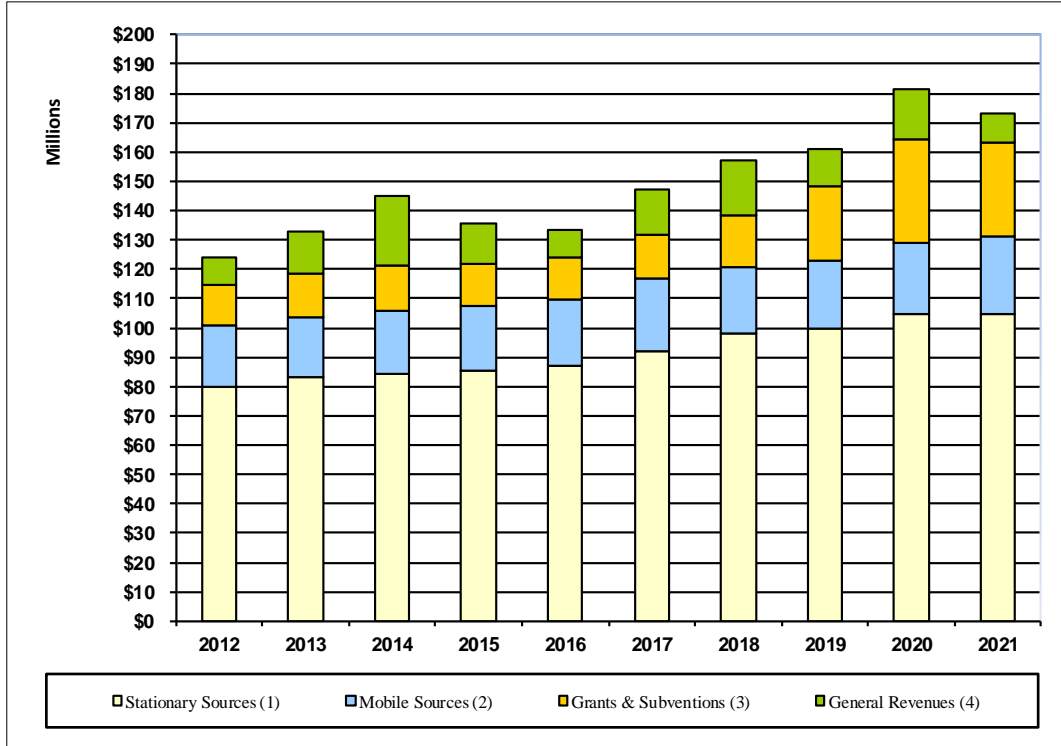
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Schedule 7
Debt Capacity
Ratios of Outstanding Debt by Type
Last Ten Fiscal Years
(amounts expressed in thousands)

Fiscal Year	Governmental Activities		Total Primary Government	Percentage of Total Revenues (*)	Number of Customers	Per Customer
	Installment Sale Revenue Bonds	Pension Obligation Bonds				
2012	\$ 15,130	\$ 42,182	\$ 57,312	46.15%	28	2
2013	-	39,135	39,135	29.48%	28	1
2014	-	36,036	36,036	24.89%	27	1
2015	-	32,876	32,876	24.26%	27	1
2016	-	29,641	29,641	22.23%	27	1
2017	-	26,310	26,310	17.86%	26	1
2018	-	22,877	22,877	14.58%	27	1
2019	-	19,324	19,324	12.04%	27	1
2020	-	15,637	15,637	8.63%	26	1
2021	-	11,797	11,797	6.82%	25	1

The South Coast Air Quality Management District is a regional government and is not authorized to issue long-term debt (General Obligation Bonds). The Pension Obligation Bonds are refunding bonds of outstanding debt owed the San Bernardino County Employees' Retirement Association. The South Coast Air Quality Management District has no long-term debt limits.

(*) These percentages are calculated using Total Revenues, Schedule 8.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Schedule 8
Revenues by Major Source
General Fund
Last Ten Fiscal Years



Year	Stationary Sources (1)	Mobile Sources (2)	Grants & Subventions (3)	General Revenues (4)	Total Revenues
2012	\$ 79,815,562	\$ 21,149,810	\$ 13,611,764	\$ 9,602,853	\$ 124,179,989
2013	83,307,359	20,324,940	14,853,666	14,446,084	132,932,049
2014	84,341,483	21,654,072	15,285,284	23,499,350	144,780,189
2015	85,546,869	21,833,199	14,399,753	13,729,825	135,509,646
2016	87,038,338	22,859,620	13,934,946	9,489,698	133,322,602
2017	92,189,311	24,574,498	14,768,699	15,810,131	147,342,639
2018	98,060,961	22,861,428	17,207,484	18,805,726	156,935,599
2019	99,546,576	23,198,491	25,350,511	12,853,554	160,949,132
2020	104,590,911	24,587,585	34,848,083	17,251,668	181,278,247
2021	104,547,326	26,905,822	31,759,255	9,821,427	173,033,830

(1) Includes Emissions, Annual Operating, Permit, Air Toxics "Hot Spots," Source Test/Analysis, and Hearing Board fees

(2) Includes AB2766 Mobile Source, Clean Fuels, and Transportation Programs revenues

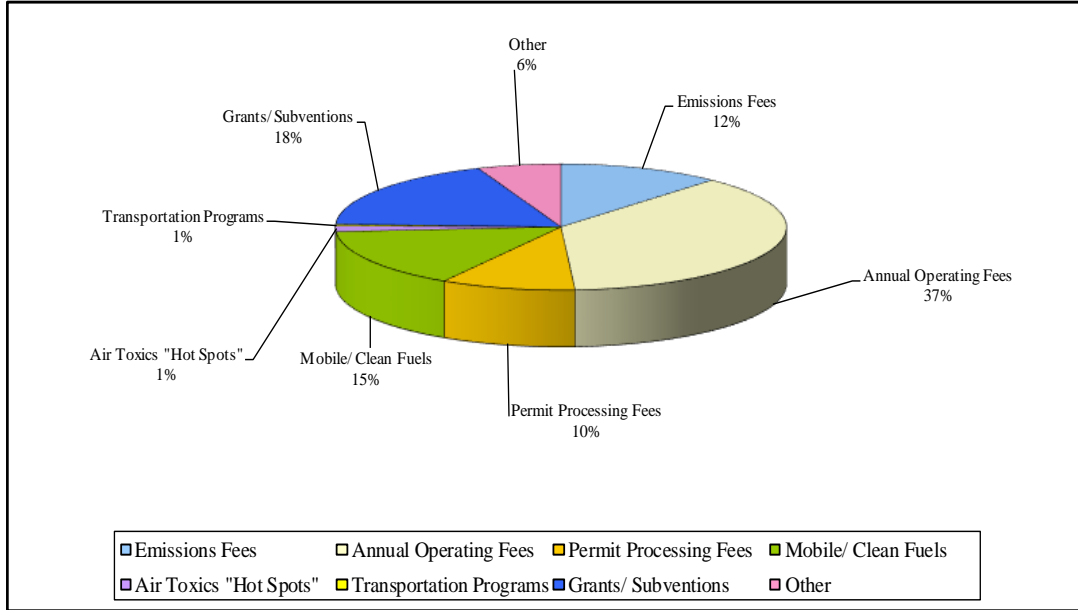
(3) Includes State Subventions, State Grants and Federal Grants

(4) Includes Area Sources, Penalties & Settlements, Interest, Lease Revenue, Other Revenue and Subscriptions

See Notes Associated with Financial Charts page 111

Source: South Coast Air Quality Management District Audited Financial Statements

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Schedule 9
Revenues by Fee Source
General Fund
Last Ten Fiscal Years



Fee Source Revenue									
Year	Emissions Fees	Annual Operating Fees	Permit Processing Fees	Mobile/Clean Fuels	Air Toxics "Hot Spots"	Transportation Programs	Grants/Subventions	Other	Total
2012	\$ 19,714,882	\$ 42,189,557	\$ 15,658,916	\$ 20,300,981	\$ 1,270,714	\$ 848,829	\$ 13,611,764	\$ 10,584,346	\$ 124,179,989
2013	20,540,391	43,056,220	17,210,640	19,397,116	1,431,740	927,824	14,853,666	15,514,452	132,932,049
2014	20,472,379	44,260,635	16,945,777	20,776,256	1,623,051	877,816	15,285,284	24,538,991	144,780,189
2015	19,838,979	45,759,738	16,668,485	20,987,963	2,001,389	845,236	14,399,753	15,008,103	135,509,646
2016	18,984,919	47,592,793	17,239,759	21,967,629	2,373,579	891,991	13,934,946	10,336,986	133,322,602
2017	18,964,371	48,930,776	20,729,207	23,734,176	2,642,966	840,322	14,768,699	16,732,122	147,342,639
2018	22,786,661	52,182,769	19,538,295	22,015,710	2,538,246	845,718	17,207,484	19,820,716	156,935,599
2019	19,542,168	57,028,631	20,030,307	22,221,268	2,184,155	977,223	25,350,511	13,614,869	160,949,132
2020	20,781,427	60,450,564	19,666,601	23,517,978	2,906,530	1,069,607	34,848,083	18,037,457	181,278,247
2021	20,215,773	64,570,338	16,675,965	26,200,886	2,545,038	704,936	31,759,255	10,361,639	173,033,830

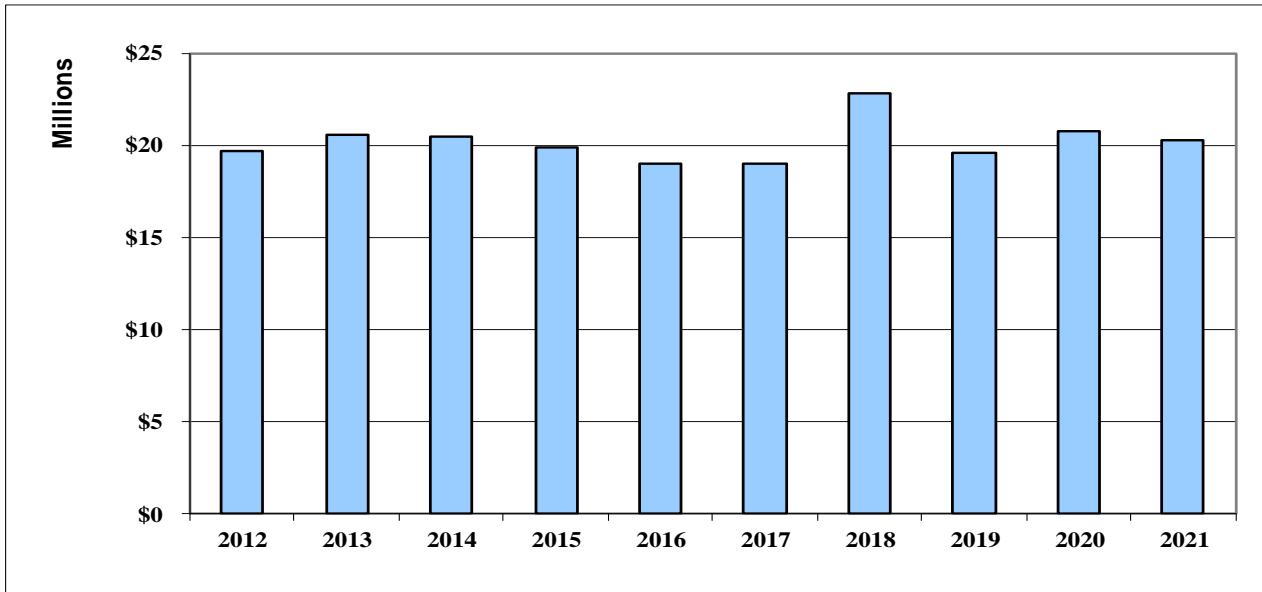
* Other includes Area Sources, Penalties and Settlements, Interest, Source Test/Analysis Fees, Lease Revenue, Hearing Board, Other Revenue and Subscriptions.

See Notes Associated with Financial Charts page 111

Source:

South Coast Air Quality Management District Audited Financial Statements

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 Schedule 10
 Emission Fee Revenues
 Last Ten Fiscal Years



Year	Emission Fees
2012	\$ 19,714,882
2013	20,540,391
2014	20,472,379
2015	19,838,979
2016	18,984,919
2017	18,964,371
2018	22,786,661
2019	19,542,168
2020	20,781,427
2021	20,215,773

See Notes Associated with Financial Charts page 112

Source: South Coast Air Quality Management District Audited Financial Statements

Notes Associated with Financial Charts

Schedule 5 - Expenditures by Major Object (General Fund Budgetary Basis)

- The decrease in 2021 Capital Outlays expenditures is due to large purchases of monitoring and analysis equipment in 2020 for AB617 and Rule 1180 programs.
- The increase in both Salaries and Benefits and Capital Outlays from FY 2018-19 is due to the third year of a three-year labor agreement, and the continued implementation of revenue-offset programs such as AB617, Rule 1180, and VW Mitigation Settlement.
- The increase is due to adding 47 positions for the Community Air Protection Program (CAPP) and the costs associated with the three year labor agreement that went into effect in the third quarter of FY 2017-18. There is also an increase in Retirement Expenditure based on the contribution rates provided from the San Bernardino County Retirement Association (SBCERA).
- The increase in 2018 expenditures from 2017 is mainly due to the adding positions for the AB 617 and AB 134 programs and the costs associated with the three year labor agreement and with State Disability Insurance, employer share of unemployment insurance, Social Security and Medicare.
- The increase in 2017 expenditures from 2016 is mainly due to the hiring of some grant funded positions and the contribution rates provided from the San Bernardino County Retirement Association (SBCERA).
- The increase in 2016 expenditures from 2015 includes the costs associated with the three year labor agreement. The rents and leases for equipment also increased. In addition, the professional and special services increased due to new or additional projects for outside building consultants, community outreach, and planning and rule development activities.
- In 2015 the increase in Capital Outlays of approximately \$1.3M is mainly due to large purchases of vehicles and replacements of operational systems.
- The decrease in 2014 expenditures from 2013 is mainly due to a significant reduction in debt. As of June 2013, the 2002 Series Installment Sale Bonds were legally defeased.
- The increase in 2013 expenditures from 2012 is mainly due to the rising retirement and medical insurance costs.
- The decrease in 2012 expenditures is due to a significant reduction in Services and Supplies.

Schedule 6 - Expenditures by Major Object (General Fund GAAP Basis)

- The decrease in 2021 Capital Outlays expenditures is due to large purchases of monitoring and analysis equipment in 2020 for AB617 and Rule 1180 programs.
- The increase in both Salaries and Benefits and Capital Outlays from FY 2018-19 is due to the third year of a three-year labor agreement, and the continued implementation of revenue-offset programs such as AB617, Rule 1180, and VW Mitigation Settlement.
- The increase is due to adding 47 positions for the CAPP and the costs associated with the three year labor agreement that went into effect in the third quarter of FY 2017-18. There is also an increase in Retirement expenditure based on the contribution rates provided from the San Bernardino County Retirement Association (SBCERA).
- The increase in 2018 expenditures from 2017 is mainly due to the adding positions for the AB 617 and AB 134 programs and the costs associated with the three year labor agreement and with State Disability Insurance, employer share of unemployment insurance, Social Security and Medicare. Also, the increase in Capital Outlays reflects anticipated needs.
- The increase in 2017 expenditures from 2016 is mainly due to the hiring of some grant funded positions and the contribution rates provided from the San Bernardino County Retirement Association (SBCERA).
- The increase in 2016 expenditures from 2015 includes the costs associated with the three year labor agreement. The rents and leases for equipment also increased. In addition, the professional and special

services increased due to new or additional projects for outside building consultants, community outreach, and planning and rule development activities.

- The small increase in 2015 expenditures from 2014 is mainly due to the rise in the contribution cost for retirement and purchases of vehicles.
- The decrease in 2014 expenditures from 2013 is mainly due to a significant reduction in debt. As of June 2013, the 2002 Series Installment Sale Bonds were legally defeased.
- The increase in 2013 expenditures from 2012 is mainly due to the rising retirement and medical insurance costs. In addition, Capital Outlays expenditures increased due to the large purchase of CNG vehicles and the replacement of some boilers and associated equipment.
- The decrease in 2012 expenditures is due to a significant reduction in Services and Supplies.

Schedule 8 - Revenues by Major Source (General Fund)

- The decrease in 2021 revenue is mainly due to large one-time penalties/settlements was received in 2020 under the General Revenue category. No large penalties/settlements were received in 2021.
- The increase in 2020 revenue reflects annual renewal fee increases under Stationary Sources and state grant increases under Grants & Subventions. South Coast AQMD received new funding from the operation portion of CAPP.
- The increase in 2019 revenue is mainly due to the increase in State Grants related to the new funding for the implementation portion of CAPP.
- The increase in 2018 revenue reflects emission fees increase under the stationary sources and large penalties/settlements from facilities that were found not to be in compliance with South Coast AQMD rules and regulations under the General Revenue category.
- The large increase in 2017 revenue reflects large penalties/settlements from facilities that were found not to be in compliance with South Coast AQMD rules and regulations, which increased the General Revenue category.
- The decrease in 2016 revenue from 2015 is mainly due to the decrease in Penalties & Settlements in the General Revenues category.
- The large decrease in 2015 revenues is mainly due to the decrease in Penalties & Settlements for violations of permit conditions, South Coast AQMD Rules, or state law.
- Revenues increased significantly in 2014 because the South Coast AQMD received several large penalties/settlements from facilities that were found to be not in compliance with South Coast AQMD rules and regulations.
- Revenues increased significantly in 2013 because the South Coast AQMD received several large penalties/settlements from facilities that were found to be not in compliance with South Coast AQMD rules and regulations.
- The decrease in 2012 revenue is due to the decrease in Penalties & Settlements in General Revenues, and the reduction in Grants & Subventions.

Schedule 9 - Revenues by Fee Source (General Fund)

- The decrease in 2021 revenue is mainly due to large one-time penalties/settlements was received in 2020. No large penalties/settlements were received in 2021.
- The increase in 2020 revenue is mainly due to the 3.5% CPI increase. Also included was 10.66% increase for Title V permits.
- The increase in 2019 revenue is mainly due to the 3.4% CPI increase. Also included was 4% increase on non-Title V annual operating permit renewal fees and 10.66% increase for Title V permits.
- The increase in 2018 revenue from 2017 is mainly due to the increase of emission fees. Other revenues increased because the South Coast AQMD received large penalties/settlements from

facilities that were found not to be in compliance with South Coast AQMD rules and regulations, which increased the General Revenue category.

- Other revenues increased significantly in 2017 because the South Coast AQMD received large penalties/settlements from facilities that were found not to be in compliance with South Coast AQMD rules and regulations, which increased the General Revenue category.
- The decrease in 2016 revenue from 2015 is mainly due to the decrease in Penalties & Settlements in the Other Revenues category.
- The large decrease in 2015 revenues is mainly due to the decrease in Penalties & Settlements for violations of permit conditions, South Coast AQMD Rules, or state law.
- Revenues increased significantly in 2014 because the South Coast AQMD received several large penalties/settlements from facilities that were found to be not in compliance with South Coast AQMD rules and regulations.
- Other revenues increased significantly in 2013 because the South Coast AQMD received several large penalties/settlements from facilities that were found to be not in compliance with South Coast AQMD rules and regulations.
- The decrease in 2012 revenue is due to the decrease in Penalties & Settlements in General Revenues, and the reduction in Grants & Subventions.

Schedule 10 – Emission Fee Revenues

- There was a slight decrease in emission fees revenue in 2021 due to decreasing emissions.
- The increase in 2020 emission fee revenue is mainly due to the 3.5% CPI increase.
- 2019 emission fees revenue was lower than 2018 because of an emissions audit conducted and additional emission fees were collected in 2018.
- There was an increase in emission fees revenue in 2018 related to fee increase.
- There was a small decrease in emission fees revenue in 2017 due to gradually decreasing emissions.
- There was a small decrease in emission fees revenue in 2016 due to gradually decreasing emissions.
- There was a small decrease in emission fees revenue in 2015. Emission fees vary with the non-RECLAIM and RECLAIM emissions, and the flat emission fees of active facilities.
- The small increase in 2013 is due to a fee increase that was effective July 1, 2012.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Schedule 11
Revenue Capacity
Largest Payers of Emission-Based Fees at a Single Location
Current Year and Ten Years Ago

	Current Year			Ten Years Ago		
	Payment	Rank	% of Total Emission Fee	Payment	Rank	% of Total Emission Fee
Tesoro Refining and Marketing *	\$2,141,176	1	10.6%	-	-	-
Torrance Refinery Co LLC (Formerly Exxon Mobil Corporation)	1,997,110	2		\$2,024,320	1	10.5%
Chevron Products	1,737,029	3	8.6%	1,617,711	3	8.4%
Tesoro Refining and Marketing (Formerly Equilon)	1,073,379	4	5.3%	1,233,582	4	6.4%
Phillips 66 Company (Formerly Conoco and formerly Tosco Refining Co)*	948,257	5	4.7%	845,692	5	4.4%
Ultramar Incorporated	767,799	6	3.8%	507,048	7	2.6%
Phillips 66 Company (Formerly Conoco and formerly Tosco Refining Co)*	505,652	7	2.5%	563,323	6	2.9%
City of Long Beach, SERRF Project	410,043	8	2.0%	244,633	10	1.3%
Tesoro Refining and Marketing (formerly BP ARCO West Coast Products)*	329,945	9	1.6%	-	-	-
Cal Portland Cement Company	269,994	10	1.3%	-	-	-
Dart Container Corp of California	201,781	11	1.0%	150,748	16	0.8%
Desert View Power	179,997	12	0.9%	-	-	-
Metal Container Corp	143,157	13	0.7%	-	-	-
Equilon Enterprises, LLC, Shell Oil Products US (formerly Texaco Refining)	141,157	14	0.7%	-	-	-
Beta Off Shore	123,686	15	0.6%	-	-	-
AES Alamos, LLC	119,660	16	0.6%	-	-	-
Southern California Edison	119,489	17	0.6%	-	-	-
Smithfield Packaged Meats Corp.	125,700	18	0.6%	-	-	-
City of Los Angeles DWP	98,348	19	0.5%	-	-	-
U.S. Govt. Dept of Navy	96,676	20	0.5%	-	-	-
BP West Coast Products (Formerly ARCO Products)*	-	-	-	1,834,352	2	9.5%
Rhodia Incorporated	-	-	-	321,719	8	1.7%
BP West Coast Products LLC	-	-	-	318,550	9	1.7%
Anheuser-Busch Incorporated	-	-	-	206,877	11	1.1%
Mountainview Generating Station	-	-	-	194,975	12	1.0%
LA County Sanitation District	-	-	-	172,433	13	0.9%
Southern California Gas Company	-	-	-	165,732	14	0.9%
Colmac Energy	-	-	-	162,331	15	0.8%
Paramount Petroleum Company	-	-	-	140,528	17	0.7%
TIN Inc., Temple-Inland DBA	-	-	-	128,592	18	0.7%
Inland Empire Energy Center, LLC	-	-	-	124,948	19	0.6%
Pacific Energy Resources, Ltd.	-	-	-	119,698	20	0.6%
Total Paid by Largest Payers at a Single Location	\$ 11,530,035		61.4%	\$ 11,077,792		57.6%
Total Emissions Based Fees Paid by All Emitters	\$ 20,215,773			\$ 19,246,061		

*Located at separate sites.

KEY AIR QUALITY AND DEMOGRAPHIC INFORMATION REGARDING THE REGION INCLUDED IN THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

The South Coast Air Quality Management District includes all of Orange County and parts of Los Angeles, Riverside and San Bernardino Counties. The section below provides a brief description of each county.

Measuring 4,084 square miles, *Los Angeles County* is one of the nation's largest counties. It is the most populated county in the state of California and contains the most populated city in the state, the City of Los Angeles. Before World War II, Los Angeles County was one of the nation's foremost agricultural producers. As agricultural production declined, the economy has evolved into diverse areas that include trade, transportation, and utilities, government, educational and health services, professional and business services, and manufacturing. Tourism and entertainment as well as international trade also play a vital role in the county's economy. The county is home to the twin seaports of Los Angeles and Long Beach, together the nation's largest, as well as the single largest fixed source of air pollution in the region. The two ports are responsible for more smog-forming nitrogen oxide emissions than 6 million passenger cars.

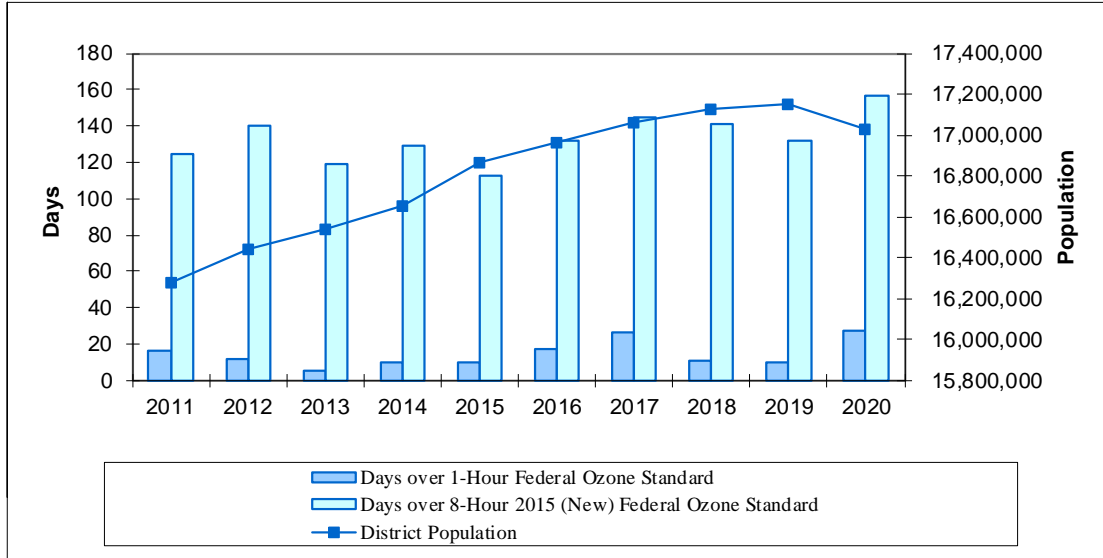
Orange County is the third most populated county in the state and lies south of Los Angeles County. When created in 1889, Orange County was named for its abundance of orange groves and thriving agricultural industry. Today, the largest industry employers are trade, transportation, and utilities, professional and business services, and manufacturing.

The varied topography of *Riverside County* is characterized by fertile river valleys to rolling plains and foothills to deserts below sea level and mountain peaks above 10,000 feet. Recent years have brought dramatic population growth to Riverside County. The population is expected to increase by 0.86 percent in 2020. Annual growth in the 2021 - 2026 period is expected to average 1.14 percent. The county's early years were linked to the agriculture industry, but commerce, construction, manufacturing, transportation, and tourism have contributed to the county's substantial growth. The County is also a major distribution center for Southern California and the Pacific Rim.

Roughly 90 percent of *San Bernardino County* is desert and the remaining portion consists of the San Bernardino Valley and San Bernardino Mountains. San Bernardino County and Riverside County are collectively known as the Inland Empire. San Bernardino ranks as the fifth-highest populated county in California from 2021 to 2026, population growth is expected to average 0.81 percent per year. The economy is led by services, government, retail trade, and manufacturing industries. Additionally, the county consistently ranks in the top fifteen agricultural-producing counties in the state.

All four counties within the South Coast Air Quality Management District's jurisdiction have experienced population growth in the last few years. The following charts illustrate air pollution, demographic, employment, and motor vehicle information relating to the South Coast Air Quality Management District region.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Schedule 12
South Coast Air Basin Smog Trend
Last Ten Calendar Years



Year	Days over 1-Hour Federal Ozone Standard	Days over 8-Hour 2015 (New) Federal Ozone Standard	District Population
2011	16	125	16,274,797
2012	12	140	16,444,162
2013	5	119	16,538,490
2014	10	129	16,652,810
2015	10	113	16,866,350
2016	17	132	16,962,478
2017	26	145	17,063,249
2018	11	141	17,127,040
2019	10	132	17,150,993
2020	27	157	17,031,233

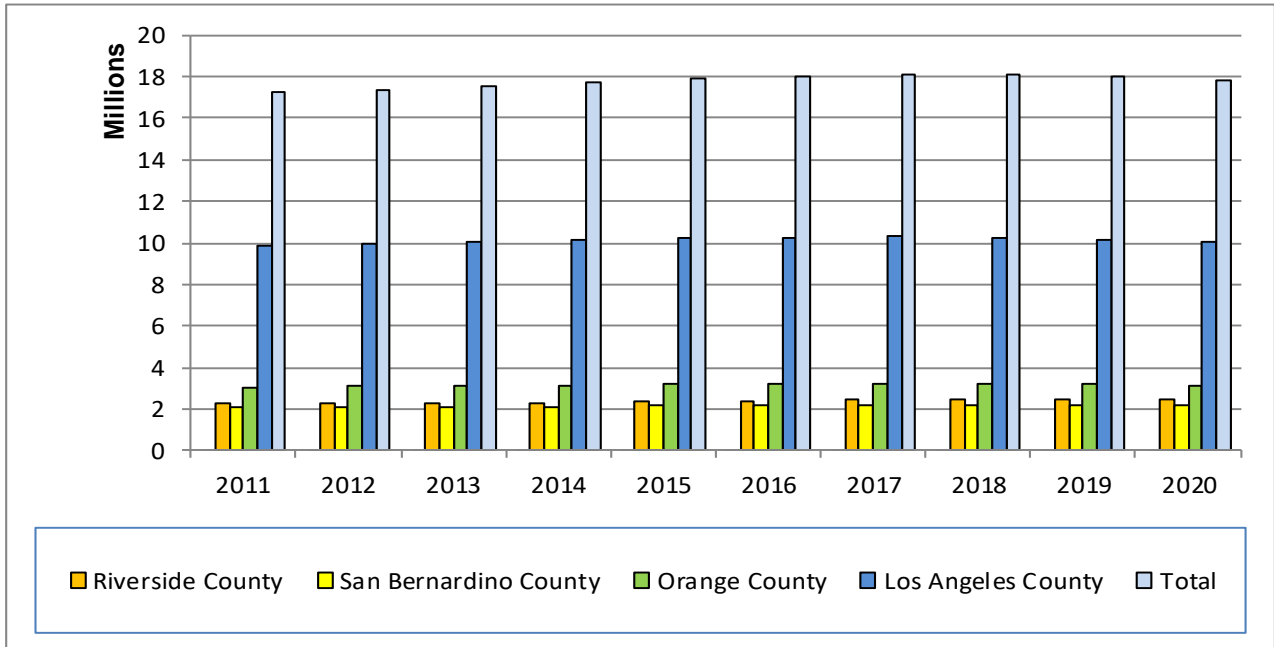
Notes:

- The average number of days exceeding the federal ozone standard in the Basin decreased by 54% between the three-year period of 1976-78 and 2011-13.
- Favorable weather conditions and continued implementation of the air pollution control strategy contributed to the significant decrease in Days over the 1-Hour Ozone Standard in the recent decades.
- In 1997, the federal government implemented the 8-hour ozone National Ambient Air Quality Standard. The standard was revised in 2015 from 75 ppb to 70 ppb.

Source:

South Coast Air Quality Management District (www.aqmd.gov); State Subvention Guidance.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 Schedule 13
 Four-County Area Population
 Last Ten Calendar Years



Year	Riverside County	San Bernardino County	Orange County	Los Angeles County	Total	% Increase
2011	2,227,577	2,063,919	3,055,792	9,884,632	17,231,920	0.42%
2012	2,255,059	2,076,274	3,081,804	9,958,091	17,371,228	0.81%
2013	2,279,967	2,085,669	3,113,991	10,041,797	17,521,424	0.86%
2014	2,308,441	2,104,291	3,147,655	10,136,559	17,696,946	1.00%
2015	2,347,828	2,139,570	3,183,011	10,241,335	17,911,744	1.21%
2016	2,384,783	2,160,256	3,194,024	10,241,278	17,980,341	0.38%
2017	2,415,955	2,174,938	3,221,103	10,283,729	18,095,725	0.64%
2018	2,440,124	2,192,203	3,222,498	10,253,716	18,108,541	0.07%
2019	2,442,304	2,180,537	3,194,332	10,172,951	17,990,124	-0.65%
2020	2,454,453	2,175,909	3,153,764	10,044,458	17,828,584	-0.90%

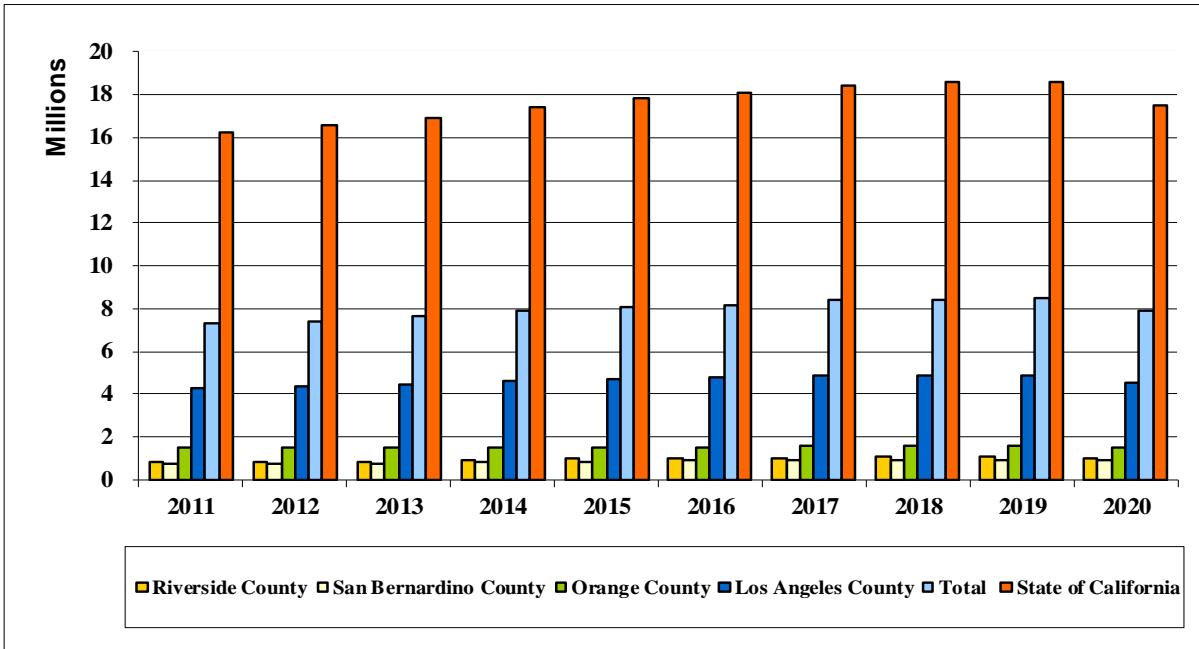
South Coast AQMD encompasses all of Orange County and parts of the Los Angeles, Riverside, and San Bernardino Counties, representing over 18 million residents.

Source:

California Department of Finance - Demographic Research Unit

www.dof.ca.gov/budgeting/documents

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Schedule 14
Los Angeles, Orange, Riverside, San Bernardino
Counties, and State of California Civilian Employment
Last Ten Calendar Years



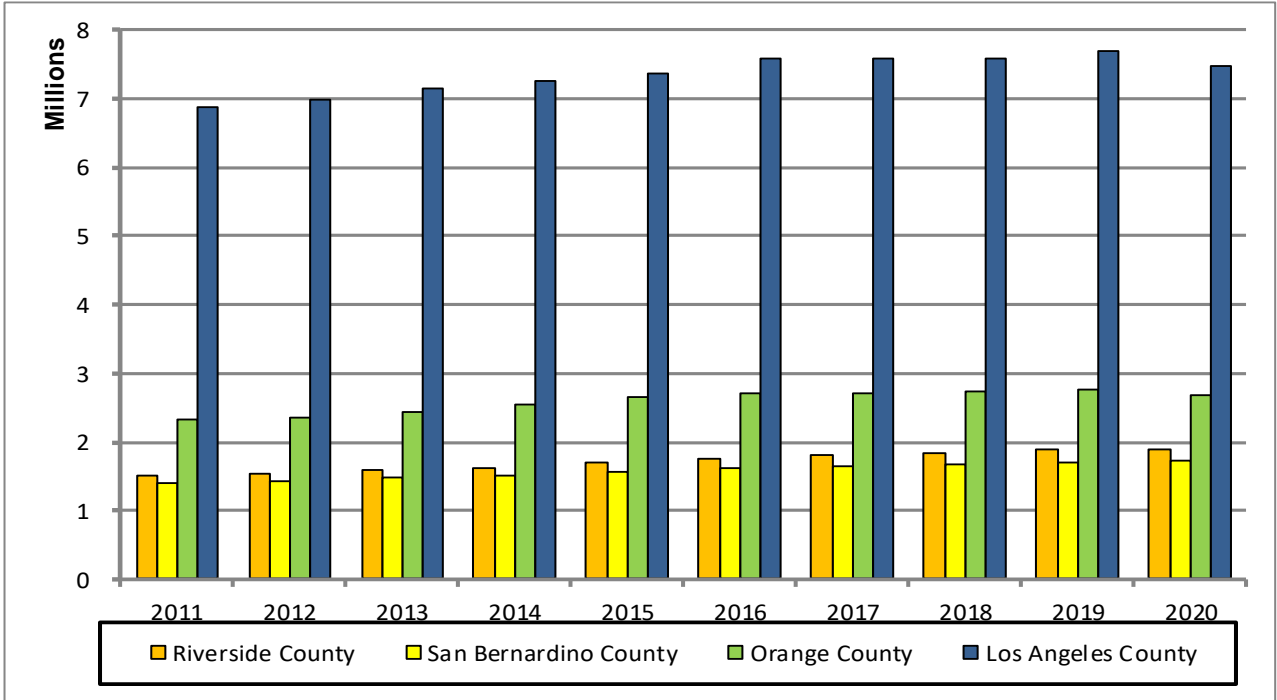
Year	Riverside County	San Bernardino County	Orange County	Los Angeles County	Total	State of California
2011	810,600	747,100	1,464,400	4,318,900	7,341,000	16,226,600
2012	828,800	758,000	1,496,000	4,345,700	7,428,500	16,560,300
2013	855,300	778,100	1,510,600	4,470,700	7,614,700	16,933,300
2014	927,300	836,000	1,489,200	4,610,800	7,863,300	17,397,100
2015	965,500	866,800	1,525,600	4,674,800	8,032,700	17,798,600
2016	988,000	882,200	1,538,000	4,778,800	8,187,000	18,065,000
2017	1,016,200	904,200	1,562,600	4,883,600	8,366,600	18,393,100
2018	1,044,600	922,300	1,577,900	4,896,500	8,441,300	18,582,800
2019	1,057,900	930,700	1,578,300	4,894,300	8,461,200	18,627,400
2020	1,026,000	898,300	1,464,000	4,547,800	7,936,100	17,481,000

Source:

State of California: Employment Development Department

www.labormarketinfo.edd.ca.gov/cgi/dataanalysis

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Schedule 15
Vehicle Registrations (Automobiles & Trucks)
For Four County Area
Last Ten Calendar Years



Year	Riverside County	San Bernardino County	Orange County	Los Angeles County	Total District
2011	1,502,571	1,412,652	2,336,315	6,892,687	12,144,225
2012	1,532,040	1,428,725	2,367,745	6,984,730	12,313,240
2013	1,587,494	1,470,974	2,440,330	7,159,182	12,657,980
2014	1,630,405	1,507,903	2,536,833	7,263,982	12,939,123
2015	1,689,523	1,557,196	2,649,420	7,368,979	13,265,118
2016	1,765,545	1,618,573	2,716,672	7,585,269	13,686,059
2017	1,799,962	1,642,888	2,713,892	7,599,579	13,756,321
2018	1,831,189	1,666,102	2,744,304	7,586,587	13,828,182
2019	1,891,381	1,713,142	2,770,175	7,704,244	14,078,942
2020	1,902,358	1,721,067	2,671,539	7,479,059	13,774,023

South Coast AQMD encompasses all of Orange County, and parts of Los Angeles, Riverside, and San Bernardino County.

Source:

California Department of Motor Vehicles - Estimated Vehicles Registered by County

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Schedule 16
Full-time Equivalent South Coast AQMD Employees by Function/Program
Last Ten Fiscal Years

	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
FUNCTION:										
Executive Office	10	9	10	8	9	6	5	5	5	7
Clerk of the Boards	6	6	6	6	6	6	5	6	5	4
Legal *	-	-	-	-	-	27	28	29	25	25
District Counsel	11	11	12	12	10	-	-	-	-	-
District Prosecutor	21	18	19	20	19	-	-	-	-	-
Finance	42	41	44	41	40	42	44	43	40	44
Administrative & Human Resources	32	32	31	32	30	33	36	34	34	33
Information Management	48	47	47	46	47	45	47	48	52	52
Planning, Rule Development & Area										
Area Sources	96	88	85	85	85	94	111	117	125	127
Legislative, Public Affairs & Media	39	40	38	38	41	44	41	43	48	51
Science & Technology Advancement	143	144	144	150	148	145	159	160	188	187
Engineering & Compliance **	286	273	261	259	-	-	-	-	-	-
Engineering & Permitting	-	-	-	-	136	133	133	122	132	129
Compliance & Enforcement	-	-	-	-	110	127	119	129	129	120
Total	<u>734</u>	<u>709</u>	<u>697</u>	<u>697</u>	<u>681</u>	<u>702</u>	<u>728</u>	<u>736</u>	<u>783</u>	<u>779</u>

* In fiscal year 2013, District Counsel and District Prosecutor merged to become the Legal department.

** In fiscal year 2016, Engineering & Compliance split into two divisions: Engineering & Permitting and Compliance & Enforcement.

Source: Administrative and Human Resources (vacancy and item control reports).

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 Schedule 17
 Operating Indicators by Function
 Last Ten Fiscal Years

<u>Program Category</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Advance Clean Air Technology										
Contracts awarded	556	938	523	1,047	421	403	357	564	349	385
Total Funding awarded	\$ 82,536,619	\$ 207,181,573	\$ 216,085,526	\$ 123,181,473	\$ 153,900,867	\$ 137,406,323	\$ 170,391,084	\$213,005,034	\$127,879,802	\$202,126,095
Ensure Compliance with Clean Air Rules										
Inspections	34,191	32,535	29,501	22,871	24,037	21,419	24,692	24,289	27,595	25,658
Notices of Violations	1,211	965	956	811	499	632	1,626	2,724	2,076	838
Hearing Board Orders for Abatement	93	51	46	41	23	27	24	29	26	13
Hearing Board Appeals	7	3	7	-	3	3	1	2	3	2
Customer Service										
Public Information Requests	3,543	3,460	4,505	4,012	4,958	5,282	4,676	4,830	3,416	241
Community/Public Meetings attended	274	294	264	217	239	210	156	193	144	241
Small Business Assistance Contacts	2,574	2,266	1,850	1,711	1,865	2,834	4,073	3,043	3,357	3,840
Develop Programs to Achieve Clean Air										
Transportation Plans processed	1,392	1,371	1,333	1,329	1,337	1,348	1,356	1,357	1,335	1,319
Emission Inventory Updates	530	408	460	336	356	244	343	294	269	336
Develop Rules to Achieve Clean Air										
Rules Developed	8	20	24	24	16	15	28	44	14	19
Monitoring Air Quality										
Samples Analyzed by the Laboratory	29,520	32,520	29,340	30,824	32,400	38,541	36,342	33,258	30,225	25,501
Source Testing Analyses/Evaluations/Reviews	952	1,035	968	996	936	952	714	632	562	498
Timely Review of Permits										
Applications Processed	12,225	14,153	13,217	9,495	9,482	11,780	10,913	9,463	8,345	6,727
Applications Received-Small Business	732	615	514	629	594	535	605	541	485	438
Applications Received-All Others	11,682	11,709	11,156	9,961	9,894	8,376	9,172	8,131	8,070	6,767
Policy Support										
News Releases	57	61	62	76	89	86	120	99	126	179
Media Calls	520	1,131	774	532	1,450	1,201	-	-	-	-
Media Inquiries Completed	520	1,131	774	532	1,450	1,201	-	-	-	-
News Media Interactions*	-	-	-	-	-	-	1,235	633	672	2,204

*Tracking of News Media Interactions began in 2018. This will replace the tracking of media calls and media inquiries completed.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 Schedule 18
 Capital Assets Statistics by Function/Program
 Last Ten Fiscal Years

	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
<u>Function/Program</u>										
Ensure Compliance with Clean Air Rules										
Number of vehicles assigned to field inspection	121	121	112	108	100	98	100	97	105	98
Monitoring Air Quality										
Number of air monitoring stations	42	40	42	42	42	43	41	41	43	42
Number of air monitoring instruments installed in the air monitoring stations to measure air quality	249	292	260	208	223	222	224	224	260	256

Source: South Coast AQMD Human Resources and Science and Technology Advancement's records

South Coast Air Quality Management District

Demographic and Miscellaneous Statistics

<u>Established:</u>	February 1, 1977
<u>Area Covered:</u>	10,743 Square Miles
<u>Counties Included in District:</u>	All of Orange County and parts of Los Angeles, Riverside, and San Bernardino Counties
<u>Population:</u>	17,031,233 (In 2020)
<u>Average Unemployment Rate:</u>	Los Angeles County (10.5%), Orange (6.4%), Riverside (7.9%), and San Bernardino (8.0%) counties (In 2020)
<u>Transportation:</u>	Two transcontinental railroads – Burlington Northern Santa Fe and the Union Pacific Six Commercial Airports – Los Angeles International, Burbank, Long Beach, Ontario International, Orange County, and Palm Springs Freeways – Three major interstate freeways including four bypass routes, U.S. 101, and nine State freeway routes Two major adjoining ports – Port of Long Beach and Port of Los Angeles
<u>Visitor Destinations:</u>	Disneyland, Knott’s Berry Farm, Magic Mountain, Motion Picture and Television Studios and the Rose Bowl
<u>Number of Registered Vehicles Within South Coast AQMD Jurisdiction:</u>	13,774,023 (In 2020)
<u>Average Daily Miles Traveled Per Vehicle:</u>	27 (CY 2020 data)
<u>Examples of Stationary Sources of Air Pollution Regulated:</u>	Oil Refineries, power plants, paint spray booths, incinerators, manufacturing facilities, dry cleaners, and service stations.
<u>Number of Sources:</u>	25,004 operating locations with 66,652 permits.
<u>Number of Air Monitoring Stations:</u>	42
<u>Full-time Authorized Positions:</u>	957
<u>Adopted FY 2021-22 Budget:</u>	\$179,883,403
<u>Key Federal, State, and Local Air Agencies:</u>	EPA Region IX (Environmental Protection Agency), CARB (California Air Resources Board), CAPCOA (California Air Pollution Control Officer’s Association), NACAA (National Association of Clean Air Agencies), ALAPCO (Association of Local Air Pollution Control Officials). There are 35 local air pollution control districts in California.

Air Quality Historical Timeline



Photo courtesy of Los Angeles Times Collection, Department of Special Collections, UCLA Library

First recognized episodes of smog occur in Los Angeles in summer 1943

1943

1950

Orange County APCD established



1966



California adopts first automobile tailpipe emission standards in the nation

1970

Federal Clean Air Act enacted, establishing the basic U.S. program for controlling air pollution



1975

Catalytic converters required for most gasoline-powered vehicles

1978

Vapor recovery "boots" required on gas station nozzles



1947

Los Angeles County Air Pollution Control District (APCD) established—the first of its kind in the nation



1957

San Bernardino and Riverside County APCDs formed



1968

California Air Resources Board (CARB) holds its first meeting with Dr. Arie J. Haagen-Smit as its first chairman

1971

U.S. EPA adopts first national air quality standards



1977

California legislature merges air pollution control districts of LA, Orange, Riverside and San Bernardino counties forming the South Coast Air Quality Management District

1986

South Coast AQMD launches first Multiple Air Toxics Exposure Study (MATES) to understand air toxics health impacts. Additional MATES studies conducted in 1999, 2006, 2013 and 2018

MATES

1989

South Coast AQMD adopts first Air Quality Management Plan to show attainment of clean air standards



1998

Carl Moyer Program established to reduce mobile source emissions



2011

Federal agencies and the State of California establish single time frame for corporate average fuel economy (CAFE) and greenhouse gas standards for the next generation of cars and light-duty trucks

2017

AB 617 enacted to develop community plans and implement new technologies addressing the disproportionate impacts of air pollution sources in Environmental Justice communities

Created a program to assess and reduce health risks from air toxic emissions under the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588)

1987



Federal Clean Air Act Amendments of 1990 enacted establishing new programs to reduce ozone, toxic emissions and vehicle emissions

1990



2006

California Global Warming Solutions Act of 2006 (AB 32) enacted to reduce greenhouse gases



2013

Attained the 1997 24 hour and annual National Ambient Air Quality Standards for fine particulate matter two years ahead of schedule



South Coast
AQMD

South Coast
Air Quality Management District

21865 Copley Drive
Diamond Bar, CA 91765-4178

www.aqmd.gov

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

SINGLE AUDIT

**FOR THE YEAR ENDED JUNE 30, 2021
(With Independent Auditor's Reports Thereon)**



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**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SINGLE AUDIT REPORT ON FEDERAL AWARDS**

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**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN
ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

To the Governing Board of
South Coast Air Quality Management District
Diamond Bar, California

We have audited in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the governmental activities, the blended component unit, each major fund, and the aggregate remaining fund information of the South Coast Air Quality Management District (South Coast AQMD) as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise South Coast AQMD's basic financials statements, and have issued our report thereon dated October 15, 2021.

Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered South Coast AQMD's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of South Coast AQMD's internal control. Accordingly, we do not express an opinion on the effectiveness of South Coast AQMD's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. *A material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. *A significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit, we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether South Coast AQMD's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering South Coast AQMD's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

BCA Watson Rice, LLP

Torrance, California
October 15, 2021

**INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR EACH MAJOR
FEDERAL PROGRAM; REPORT ON INTERNAL CONTROL OVER COMPLIANCE;
AND REPORT ON SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
REQUIRED BY THE UNIFORM GUIDANCE**

To the Governing Board of
South Coast Air Quality Management District
Diamond Bar, California

Report on Compliance for Each Major Federal Program

We have audited the South Coast Air Quality Management District's (South Coast AQMD) compliance with the types of compliance requirements described in the U.S. *Office of Management and Budget (OMB) Compliance Supplement* that could have a direct and material effect on each of South Coast AQMD's major federal programs for the year ended June 30, 2021. South Coast AQMD's major federal programs are identified in the summary of auditor's results section of the accompanying Schedule of Findings and Questioned Costs.

Management's Responsibility

Management is responsible for compliance with the federal statutes, regulations, and the terms and conditions of its federal award applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of South Coast AQMD's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about South Coast AQMD's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination on South Coast AQMD's compliance.

Opinion on Each Major Federal Program

In our opinion, South Coast AQMD's complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2021.

Report on Internal Control over Compliance

Management of South Coast AQMD is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered South Coast AQMD's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program as a basis for designing auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of South Coast AQMD's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or combination of deficiencies in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

We have audited the financial statements of the governmental activities, the blended component unit, each major fund, the aggregate remaining fund information of South Coast AQMD as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise South Coast AQMD's basic financial statements. We issued our report thereon dated October 15, 2021, which contained unmodified opinions on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the

underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the Schedule of Expenditure of Federal Awards is fairly stated in all material respects in relation to the basic financial statements as a whole.

BCA Watson Rice, LLP

Torrance, CA
October 15, 2021

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
For the Year Ended June 30, 2021**

Federal Grantor / Pass-Through Grantor / Program Title	CFDA Number	Grant Number	Passed Through to Subrecipients	Total Expenditures
<u>U.S. Environmental Protection Agency</u>				
<i>Air Pollution Control Program Support:</i>				
EPA Section 105 Air Grant	66.001*	A00909420-3	\$ -	\$ 4,485,053
EPA Section 105 Air Grant	66.001*	A00909416-5	33,635	33,635
EPA Section 105 Air Grant	66.001*	A00909418-6	-	382,137
			<u>33,635</u>	<u>4,900,825</u>
<i>Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act:</i>				
PM 2.5 Monitoring	66.034*	PM-98T04001-2	-	638,223
National Air Toxics Trend Stations	66.034*	XA-99T27601-7	-	202,662
Community Scale Air Toxics Monitoring	66.034*	XA-99T33501-3	-	5,209
Community Scale Air Toxics Monitoring-Mobile	66.034*	XA-98T17501-1	-	263,593
			<u>-</u>	<u>1,109,687</u>
<i>National Clean Diesel Emissions Reduction Program:</i>				
DERA-Locomotive Replacement Project (FY 16)	66.039	DE-99T45901-3	-	391,118
DERA-Switcher Locomotive Replacement (FY 18)	66.039	DE-99T82301-1	-	719,500
DERA-Drayage Truck Replacement (FY 18)	66.039	DE-99T82401-1	-	31,775
DERA-HD Truck Replacement (FY 19)	66.039	DE-99T89501-0	-	1,491
			<u>-</u>	<u>1,143,884</u>
<i>Congressionally Mandated Projects:</i>				
Targeted Air Shed - Lawn/Garden Equipment Exchange	66.202	EM-99T48301-0	-	744,059
Targeted Air Shed - Yard Tractor Replacement	66.202	EM-99T48501-1	-	6,176
Targeted Air Shed - School Bus Replacement	66.202	EM-99T71401-1	-	78,600
			<u>-</u>	<u>828,835</u>
<i>Science To Achieve Results (STAR) Research Program:</i>				
STAR Engage, Educate, and Empower	66.509	RD-83618401-6	64,183	206,395
<i>Targeted Air Shed Grant Program:</i>				
Targeted Air Shed - Volvo BE Excavator/Wheel Loader Program	66.956	TA-99T92501-0	-	4,219
Targeted Air Shed - Daimler ZE Electric Delivery Truck	66.956	TA-99T92401-0	-	53,171
Targeted Air Shed - Volvo Switch-on Electric Freight Truck	66.956	TA-98T14801-0	-	5,660
Targeted Air Shed - Ocean Going Vessels/Buses	66.956	TA-98T17401-1	-	32,580
			<u>-</u>	<u>95,630</u>
Total U.S. Environmental Protection Agency			<u>97,818</u>	<u>8,285,256</u>
<u>U.S. Department of Energy</u>				
<i>Conservation Research and Development:</i>				
San Pedro Bay Ports FCEV and HEV Demo	81.086	DE-EE0006874-10	132,115	132,115
Total Department of Energy			<u>132,115</u>	<u>132,115</u>
<u>U.S. Department of Homeland Security</u>				
<i>Homeland Security Biowatch Program:</i>				
Biowatch Program	97.091	06OHBIO00011-15-03	-	1,093,016
Biowatch Program	97.091	06OHBIO00011-16-00	-	224,954
Total Department of Homeland Security			<u>-</u>	<u>1,317,970</u>
<u>National Aeronautics and Space Administration</u>				
Passed through RTI International				
<i>Science:</i>				
2016 Citizen Science for Earth Systems Prog II	43.001	1-340-0216485-65403L	-	104,918
Total Federal Expenditures			<u>\$ 229,933</u>	<u>\$ 9,840,259</u>

* Major Programs

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
For the Year Ended June 30, 2021**

NOTE 1 – BASIS OF PRESENTATION

The accompanying schedule of expenditures of federal awards (the Schedule) includes the federal award activity of the South Coast Air Quality Management District (South Coast AQMD) under programs of the federal government for the year ended June 30, 2021. The information in this Schedule is presented in accordance with the audit requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of South Coast AQMD, it is not intended to and does not present the financial position, changes in net position or cash flows of the South Coast AQMD.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Expenditures reported in the Schedule are reported on the modified accrual basis of accounting. Such expenditures are recognized following, as applicable, either the cost principles in *OMB Circular A-87, Cost Principles for State, Local, and Indian Tribal Governments*, or the cost principles contained in the *Uniform Guidance*, wherein certain types of expenditures are not allowable or are limited as to reimbursement.

NOTE 3 – INDIRECT COST RATE

The South Coast AQMD has elected not to use the 10% de minimis indirect cost rate allowed under the Uniform Guidance.

NOTE 4 – SUBRECIPIENTS

The South Coast AQMD has federal awards with subrecipients for the year ended June 30, 2021. The subrecipient expenditures from these federal awards were as follows:

Subrecipients	CFDA No.	Amount
Rail Propulsion Systems	66.001	\$ 33,635
University of California Los Angeles	66.509	64,183
Center for Transportation and the Environment	81.086	132,115
Total		<u>\$ 229,933</u>

NOTE 5 – RELATIONSHIP TO COMPREHENIVE ANNUAL FINANCIAL REPORT

Amounts reported in the accompanying Schedule agree to amounts reported within the South Coast AQMD's Comprehensive Annual Financial Report.

NOTE 6 – CONTINGENCIES

Under the terms of federal and state grants, additional audits may be requested by the grantor agencies and certain costs may be questioned as not being appropriate expenditures under the terms of the grants. Such audits could lead to a request for reimbursement to the grantor agencies.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
For the Year Ended June 30, 2021**

SECTION I – SUMMARY OF AUDITOR’S RESULTS

A - Financial Statements

- | | |
|---|---------------|
| 1) Type of auditor’s report issued: | Unmodified |
| 2) Internal control over financial reporting: | |
| a) Material weakness(es) identified? | No |
| b) Significant deficiency(ies) identified not considered to be material weaknesses? | None reported |
| 3) Noncompliance material to financial statements noted? | No |

B - Federal Awards

- | | |
|---|---------------|
| 1) Type of auditor’s report issued on compliance for major programs: | Unmodified |
| 2) Internal control over major programs: | |
| a) Material weakness(es) identified? | No |
| b) Significant deficiency(ies) identified not considered material weakness(es)? | None reported |
| 3) Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)? | No |
| 4) Identification of major programs: | |

<u>CFDA No.</u>	<u>Name of Federal Program</u>
66.001	Air Pollution Control Program Support
66.034	Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act

- | | |
|---|-----------|
| 5) Dollar threshold used to distinguish between Type A and Type B programs: | \$750,000 |
| 6) Auditee qualified as low-risk auditee? | Yes |

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
For the Year Ended June 30, 2021**

SECTION II – FINANCIAL STATEMENT FINDINGS

None reported.

SECTION III – FEDERAL AWARD FINDINGS AND QUESTIONED COSTS

None reported.

SECTION IV – STATUS OF PRIOR YEAR FINDINGS AND QUESTIONED COSTS

None reported.

[↑ Back to Agenda](#)

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 18

PROPOSAL: Receive and File Annual Report on South Coast AQMD's Deferred Compensation Plans

SYNOPSIS: South Coast AQMD sponsors IRS-approved 457(b), 401(a) and OBRA Deferred Compensation Plans for its employees. The Annual Report for Plan Year Ending June 2021 addresses the Board's responsibility for monitoring the activities of the Deferred Compensation Plan Committee and ensuring the Committee carries out its fiduciary duties and responsibilities under the Committee Charter. This action is to receive and file the Annual Report.

COMMITTEE: Administrative, November 12, 2021; Recommended for Approval

RECOMMENDED ACTION:

Receive and file Deferred Compensation Plan Annual Report for Plan Year Ending June 2021.

Wayne Nastri
Executive Officer

AJO:mm

Background

South Coast AQMD sponsors and administers 457(b), 401(a) and Omnibus Budget Reconciliation Act of 1990 (OBRA) Deferred Compensation Plans for its employees. The Deferred Compensation Plans, which include the 457(b), 401(a) and OBRA plans, are administered by Empower Retirement, LLC (Empower), one of the largest workplace retirement savings plan providers in the United States. State law governs the fiduciary requirements for the operation and investment of 457 plans sponsored by governmental entities. South Coast AQMD's Governing Board serves a fiduciary role, subject to the duties and obligations under Article XVI, Section 17 of the California Constitution.

To meet its fiduciary responsibilities, the Board has established a Deferred Compensation Plan Committee (“Committee”) to oversee the administration of the Plans. On May 2, 2008, the Board approved the Deferred Compensation Plan Committee Charter, formalizing the fiduciary duties and responsibilities of the Committee. The four members of the Deferred Compensation Plan Committee are the Chief Financial Officer, the Deputy Executive Officer/Administrative and Human Resources, the Human Resources Manager over employee benefits, and the General Counsel.

In October 2021, as the result of an RFP process, the Board approved a 5-year contract with Empower for record-keeping and administrative services, beginning January 1, 2022. In addition to the retirement plan administrator, South Coast AQMD utilizes the services of an independent, third-party consulting firm, Benefit Financial Services Group (BFSG), to provide services to the Plans as a fiduciary under a Registered Investment Advisor agreement.

Summary of Report

The Committee meets on a quarterly basis to review the Plan design, investment options, asset allocation, and demographics, and to make changes as necessary. During the 2020-21 fiscal year period, the Committee placed two funds on the Watch List due to short-term underperformance, removed a fund from the Watch List based on improved performance, updated the Target Date Models, accepted a reduction of the recordkeeping fees from 0.06% to 0.04%, and conducted a Request for Proposal process for Plan administrator and recordkeeping services.

As of June 30, 2021, the Plans have:

- 1,034 participants (employees and retirees)
- Approximately \$224 million in assets
- Outperformed the 3-, 5- and 10-year performance benchmarks

The Annual Report provides detailed information regarding Plan Assets/Demographics, Committee Actions, and Plan Performance.

Proposal

Staff recommends the Board receive and file the Deferred Compensation Plan Annual Report to the Board for Plan Year Ending June 2021.

Attachment

Deferred Compensation Plan Annual Report for Plan Year Ending June 2021

Report To The Board

Plan Year Ending: June 2021

Prepared for: South Coast Air
Quality Management District 457
Deferred Compensation & 401(a)
Defined Contribution Plans



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Section 2

Committee Meeting Summary and Plan Updates

Section 3

Plan Assets / Demographics

Section 4

Plan Performance / Cost Benchmarking

Section 5

Appendix



Plan Background

Section 1

South Coast Air Quality Management District Plan

South Coast Air Quality Management District Plan Overview

Plan Name	South Coast Air Quality Management District 457 Deferred Compensation & 401(a) Defined Contribution Plans
Inception Date (457 Plan)	January 1, 1987
Inception Date (401 Plan)	January 1, 2017

Plan Features (457 Plan)

Plan Year End	June 30 th
Entry Date	Immediate
Employee Deferrals	Pre-tax & Roth
Catch-up	Age 50 & Special 457 Catch-up Contributions
Employer Contributions	Yes - determined in accordance with the terms of the employment contract

Default Investment Alternative

Default Fund	T. Rowe Price Retirement Series
--------------	---------------------------------

Service Providers

Recordkeeper	Empower
Directed Trustee	Reliance Trust Company
Plan Advisor	Benefit Financial Services Group (“BFSG”) since 2007

Committee Oversight

Membership	John Olvera (Chair), Bayron Gilchrist, Sujata Jain, and Raquel Arciniega
Duties	Settlor and Fiduciary
California Government Code 53213.5 Compliance	The Committee intends for the Plan to comply with the provisions of California Government Code 53213.5 providing Plan fiduciaries with relief from liability for the investment decisions made by participants.



Committee Meeting Summary & Plan Updates

Section 2

CALENDAR						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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Fiduciary Updates

Between July 1, 2020, and June 30, 2021, the Committee met six (6) times to review the funds offered in the Plans in accordance with the criteria set forth in the Investment Policy Statement and to discuss other Plan-related topics. Items addressed and adopted by the Committee during the 2020 Plan Year are as follows:

Item	Update
Watch List	Agreed to place Hartford Healthcare on Watch due to short-term underperformance and structural changes in the fund's strategy.
	Agreed to place Goldman Sachs Small Cap Gr Insights on Watch due to short-term underperformance.
	Agreed to remove Vanguard Selected Value from Watch due to improved performance.
Target Date Model Allocation Update	BFSG updated the Target Date Models. The changes were effective October 2020.
Recordkeeping Fee Reduction	Accepted a proposed reduction of the recordkeeping fees for the 457 Plan from 0.06% on Plan assets to 0.04%. This change was effective December 1, 2020.
Fund Changes	<p>Agreed to move to the Institutional share class of the T. Rowe Price Retirement Funds and to add the 2065 vintage.</p> <p>Agreed to replace Hartford Mid Cap with Carillon Eagle Mid Cap Growth and Goldman Sachs Small Cap Growth Insights with Fidelity Advisor Small Cap Growth.</p> <p>These changes were effective February 21, 2021.</p>
Request for Proposal	Agreed to conduct a Request for Proposal ('RFP') to benchmark fees and services of the current service provider, Empower. The RFP was released in February 2021 and responses were due March 2021. After reviewing and discussing the RFP responses, the Committee agreed to recommend to the Executive Officer and/or the Governing Board of South Coast AQMD to award the contract to the current service provider, Empower.

Settlor (Administrative) Updates

Item	Update
Annual Report	Received and filed a copy of the Annual Report for the 2019 Plan Year.



Plan Assets / Demographics

Section 3

Range of Investments

Lower risk/lower potential reward

Higher risk/higher potential reward

FIXED INCOME		BALANCED	EQUITY		
CAPITAL PRESERVATION	INCOME	HYBRID	VALUE	BLEND	GROWTH
DOMESTIC					
STABLE VALUE	INTERMEDIATE CORE BOND		LARGE VALUE	LARGE BLEND	LARGE GROWTH
Guaranteed Interest Account (457 Plan)	Vanguard Total Bond Market Index Adm		DFA US Large Cap Value I Hartford Dividend and Growth R5	American Funds Fundamental Invs R6 Vanguard FTSE Social Index Admiral Vanguard Institutional Index I	T. Rowe Price Blue Chip Growth I
	INTERMEDIATE CORE-PLUS BOND	ALLOCATION--50% TO 70% EQUITY	MID VALUE	MID BLEND	MID GROWTH
	Metropolitan West Total Return Bd I	American Funds American Balanced R6	Vanguard Selected Value Inv	Vanguard Mid Cap Index Admiral	Carillon Eagle Mid Cap Growth A
			SMALL VALUE	SMALL BLEND	SMALL GROWTH
			American Beacon Small Cap Value R6 Vanguard Small Cap Value Index Admiral	Vanguard Small Cap Index Adm	Fidelity Advisor® Small Cap Growth Z
FOREIGN					
				FOREIGN LARGE EQUITY	
				Hartford International Opportunities R5 Vanguard Developed Markets Index Admiral	
				FOREIGN SMALL/MID EQUITY	
				MFS International New Discovery A	
				DIVERSIFIED EMERGING MKTS	
				Vanguard Emerging Mkts Stock Idx Adm	
SPECIALTY					
			UTILITIES	REAL ESTATE	HEALTH
			Vanguard Utilities Index Adm	Vanguard Real Estate Index Admiral	Hartford Healthcare R5
ALLOCATION					
		TARGET DATE SERIES			
		T. Rowe Price Retirement Series			

Funds listed in **Red** are scheduled to be removed.
 Funds listed in **Green** are scheduled to be added.
 Funds listed in **Blue** are frozen to contributions.
 Funds listed in **Purple** represent Default Fund.

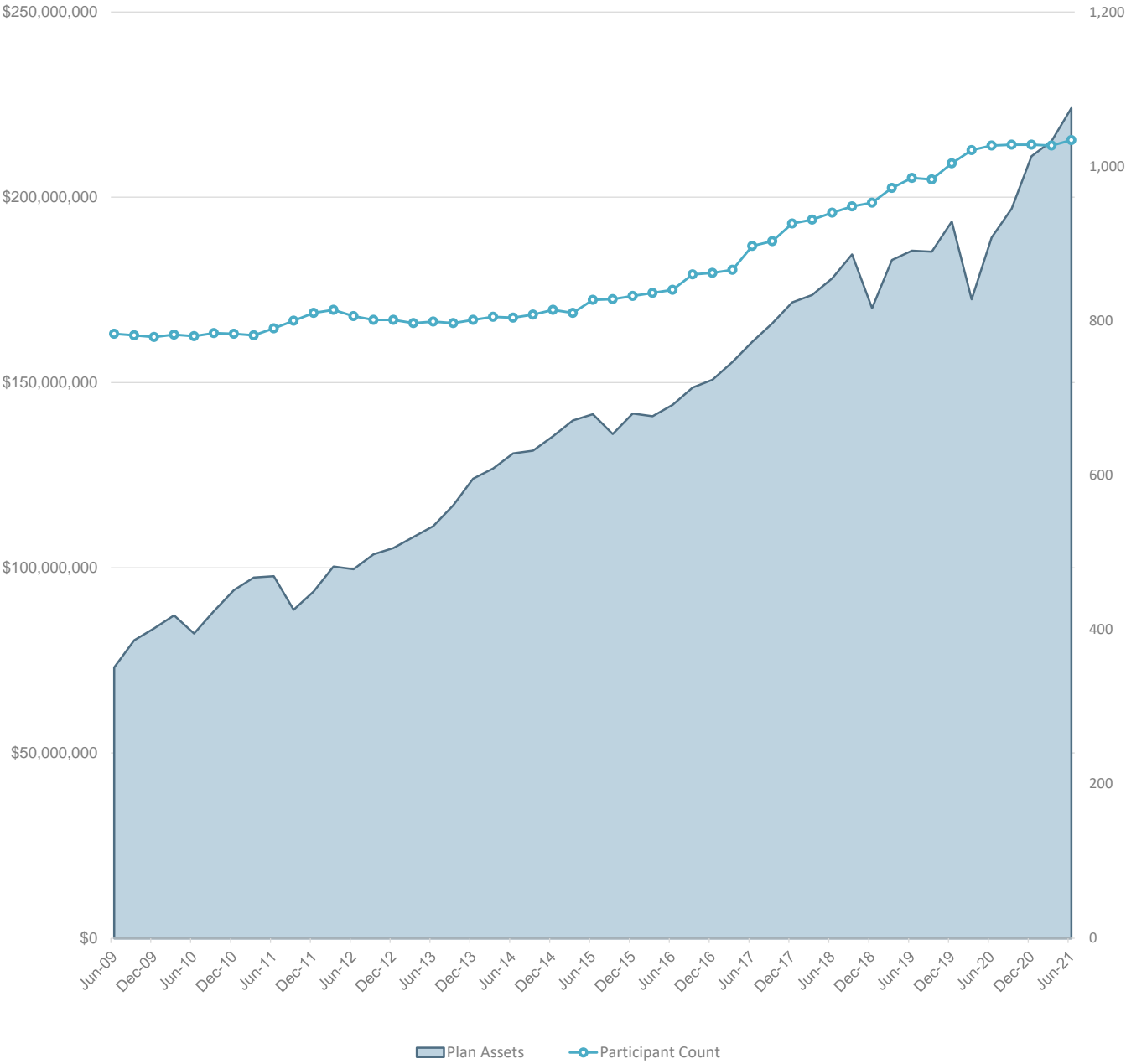
Asset Allocation by Fund

Investment Option	2Q 2021	% of Assets	# of Balances
Guaranteed Interest Account	\$89,667,152	40.13%	653
T. Rowe Price Blue Chip Growth I	\$30,681,934	13.73%	485
American Funds Fundamental Invs R6	\$16,468,693	7.37%	277
Vanguard Institutional Index I	\$12,586,355	5.63%	270
Hartford Dividend and Growth R5	\$8,296,623	3.71%	377
Carillon Eagle Mid Cap Growth A	\$8,295,285	3.71%	363
Hartford International Opportunities R5	\$5,650,898	2.53%	386
T. Rowe Price Retirement 2045	\$4,958,434	2.22%	84
Metropolitan West Total Return Bd I	\$4,686,209	2.10%	268
American Funds American Balanced R6	\$4,558,143	2.04%	121
Hartford Healthcare R5	\$3,614,503	1.62%	103
T. Rowe Price Retirement 2035	\$3,491,783	1.56%	41
Fidelity Advisor® Small Cap Growth Z	\$3,374,181	1.51%	305
Vanguard Mid Cap Index Admiral	\$3,367,383	1.51%	196
Vanguard Total Bond Market Index Adm	\$3,189,138	1.43%	208
Vanguard Selected Value Inv	\$3,182,206	1.42%	310
Vanguard Small Cap Index Adm	\$2,078,840	0.93%	182
American Beacon Small Cap Value R6	\$2,067,348	0.93%	289
MFS International New Discovery A	\$1,992,407	0.89%	158
Vanguard FTSE Social Index Admiral	\$1,551,198	0.69%	68
Vanguard Developed Markets Index Admiral	\$1,408,468	0.63%	139
Vanguard Small Cap Value Index Admiral	\$1,376,639	0.62%	37
Vanguard Utilities Index Adm	\$1,083,093	0.48%	81
T. Rowe Price Retirement 2040	\$886,538	0.40%	13
Vanguard Real Estate Index Admiral	\$817,186	0.37%	59
Vanguard Emerging Mkts Stock Idx Adm	\$696,603	0.31%	92
T. Rowe Price Retirement 2060	\$673,101	0.30%	39
T. Rowe Price Retirement 2025	\$662,498	0.30%	16
T. Rowe Price Retirement 2055	\$612,745	0.27%	22
DFA US Large Cap Value I	\$551,226	0.25%	100
T. Rowe Price Retirement 2050	\$495,234	0.22%	25
T. Rowe Price Retirement 2030	\$209,985	0.09%	7
T. Rowe Price Retirement 2020	\$160,831	0.07%	6
T. Rowe Price Retirement 2015	\$19,037	0.01%	3
T. Rowe Price Retirement 2010	\$10,362	0.00%	3
T. Rowe Price Retirement 2005	\$5,531	0.00%	2
T. Rowe Price Retirement 2065	\$0	0.00%	3
Hartford MidCap Y	\$0	0.00%	0
Goldman Sachs Small Cap Gr Insights Inv	\$0	0.00%	0
Subtotal	\$223,427,787	100.00%	1,034
Self-Directed Brokerage Account	\$631,543		
Total	\$224,059,331		
Total # of Participants	1,034		
Average Account Balance	\$216,692		

Note: Funds listed in **Bold** are included in the Target Date Models.

Note: Personal Choice Retirement Account had 7 balances as of quarter end.

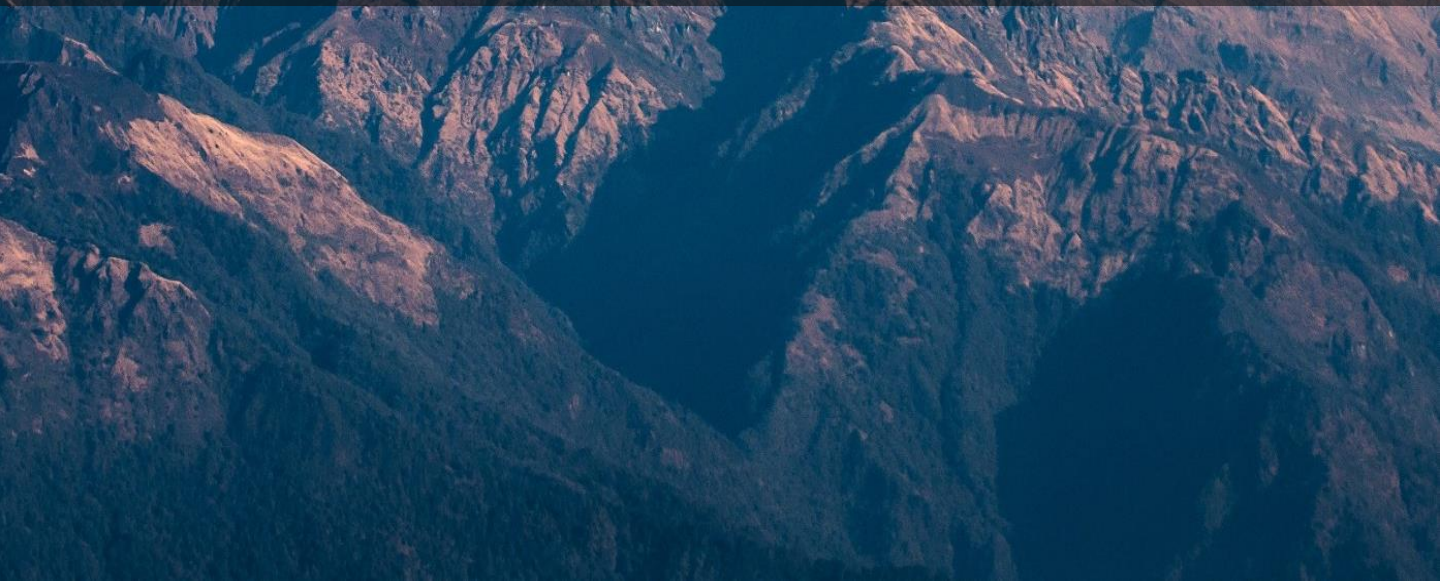
Growth of Plan Assets





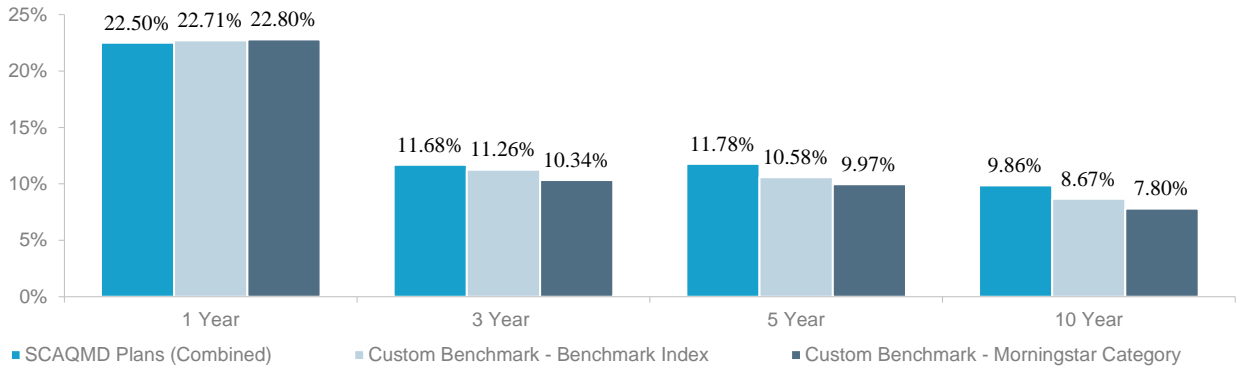
Plan Performance / Cost

Section 4

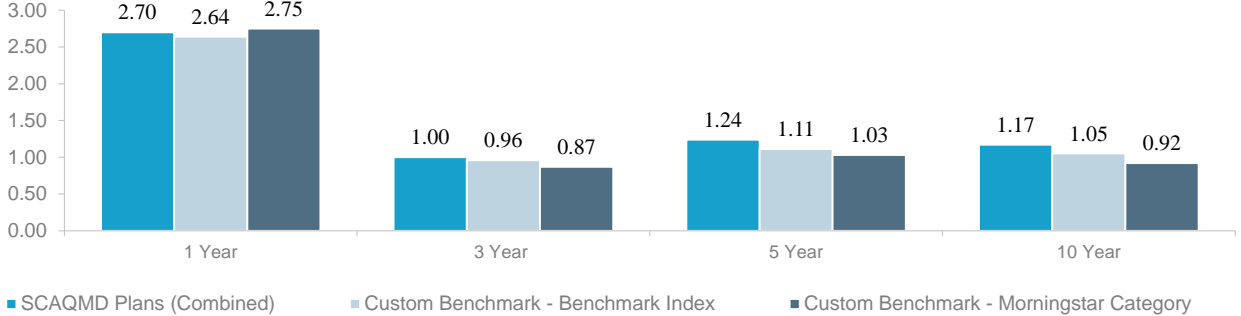


Portfolio Return vs. Custom Benchmark

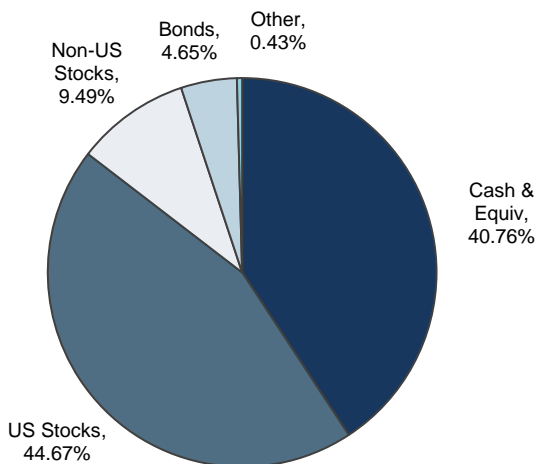
Annualized Returns



Sharpe Ratio



Current Quarter



Benchmark Weightings

Passive Benchmark	Active BM	Weight
BFSG Custom Stable Value	Stable Value	40.13%
BBgBarc US Agg Float Adj TR USD	Intermediate Core Bond	1.43%
BBgBarc US Agg Bond TR USD	Intermediate Core-Plus Bond	2.10%
40% BC Agg - 60% S&P 500	Allocation--50% to 70% Equity	2.04%
Russell 1000 Value TR USD	Large Value	0.25%
Russell 1000 Value TR USD	Large Value	3.71%
S&P 500 TR USD	Large Blend	7.37%
S&P 500 TR USD	Large Blend	0.69%
S&P 500 TR USD	Large Blend	5.63%
Russell 1000 Growth TR USD	Large Growth	13.73%
Russell Mid Cap Value TR USD	Mid Value	1.42%
CRSP US Mid Cap TR USD	Mid Blend	1.51%
Russell Mid Cap Growth TR USD	Mid Growth	3.71%
Russell 2000 Value TR USD	Small Value	0.93%
CRSP US Small Cap Value TR USD	Small Value	0.62%
CRSP US Small Cap TR USD	Small Blend	0.93%
Russell 2000 Growth TR USD	Small Growth	1.51%
MSCI ACWI Ex USA NR USD	Foreign Large Equity	2.53%
FTSE Dvlp ex US All Cap(US RIC)NR USD	Foreign Large Equity	0.63%
MSCI ACWI Ex USA Small NR USD	Foreign Small/Mid Equity	0.89%
FTSE EMs AC China A Incl (US RIC) NR USD	Diversified Emerging Mkts	0.31%
S&P 500 Sec/Health Care TR USD	Health	1.62%
Real Estate Spliced Index*	Real Estate	0.37%
MSCI US IMI/Utilities 25-50 GR USD	Utilities	0.48%
S&P Target Date Series	Target Date Series	5.45%

Evaluation Methodology

Per Investment Policy Statement

Returns (40%)

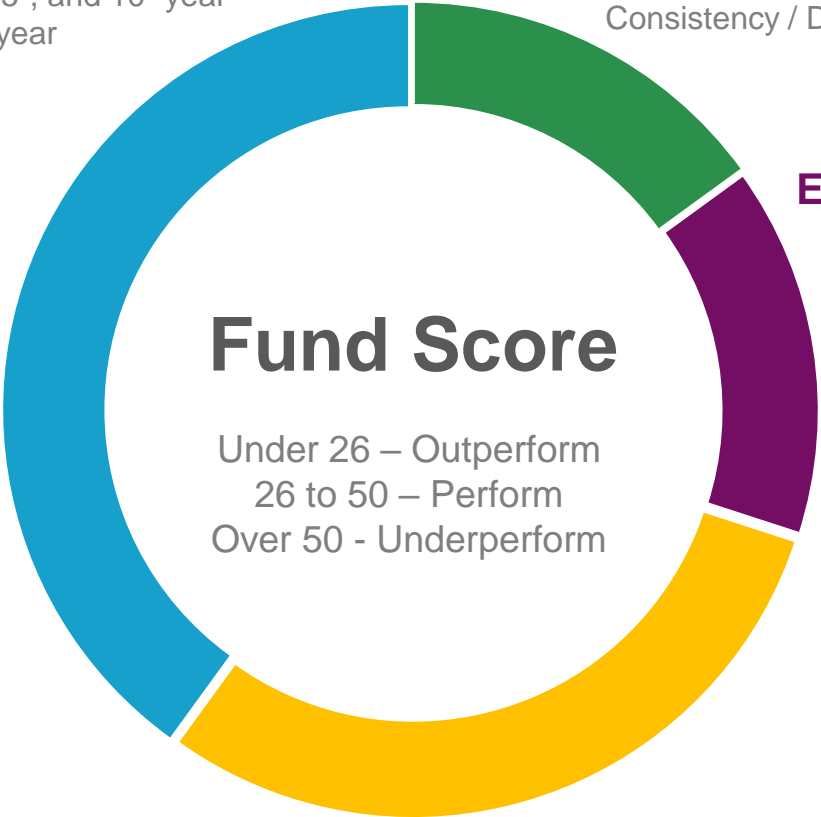
Trailing 3-, 5-, and 10- year
Rolling 10-year

Style (15%)

R²
Credit Quality
Consistency / Dispersion

Expense (15%)

Net Expense Ratio



Risk (30%)

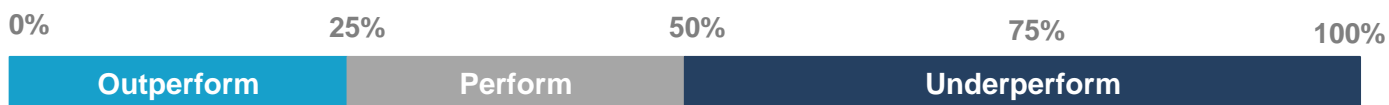
Sharpe Ratio
Up-Capture Ratio
Down-Capture Ratio



All data points are percentile ranking relative to the Custom Peer Group. The Custom Peer Group is the fund's Morningstar Category excluding Index Funds, fund-of-funds, and funds with less than 3 Years of Returns. Only the lowest expense share class is evaluated.

Evaluation Methodology Summary

Investment Name	Quarterly Ranking			
	2Q21	1Q21	4Q20	3Q20
Intermediate Core-Plus Bond				
Metropolitan West Total Return Bond Fund	16	8	8	5
Allocation--50% to 70% Equity				
American Funds American Balanced Fund	12	16	12	9
Large Value				
DFA US Large Cap Value Portfolio	25	26	34	34
Hartford Dividend and Growth Fund	4	4	4	4
Large Blend				
American Funds Fundamental Invs	37	35	32	32
Vanguard FTSE Social Index Fund	0	0	0	0
Large Growth				
T. Rowe Price Blue Chip Growth Fund	12	11	9	4
Mid Value				
Vanguard Selected Value Fund	37	34	40	49
Mid Growth				
Carillon Eagle Mid Cap Growth Fund	12	13	11	9
Small Value				
American Beacon Sm Cap Val Fd	33	26	19	17
Small Growth				
Fidelity® Small Cap Growth Fund	20	20	20	17
Foreign Large Equity				
Hartford International Opportunities Fd	26	25	26	30
Foreign Small/Mid Equity				
MFS International New Discovery Fund	45	38	24	21
Health				
Hartford Healthcare Fund	29	35	42	32
Target Date Series				
T. Rowe Price Retirement Series	12	15	17	23
Average Rank	21	21	26	26
Plan Weighted Rank (Reweighted)	19	20	23	21



Note: Average and Plan-Weighted Average rankings shown above reflect the actual funds offered in the Plan (and their respective weightings) during the applicable quarter.

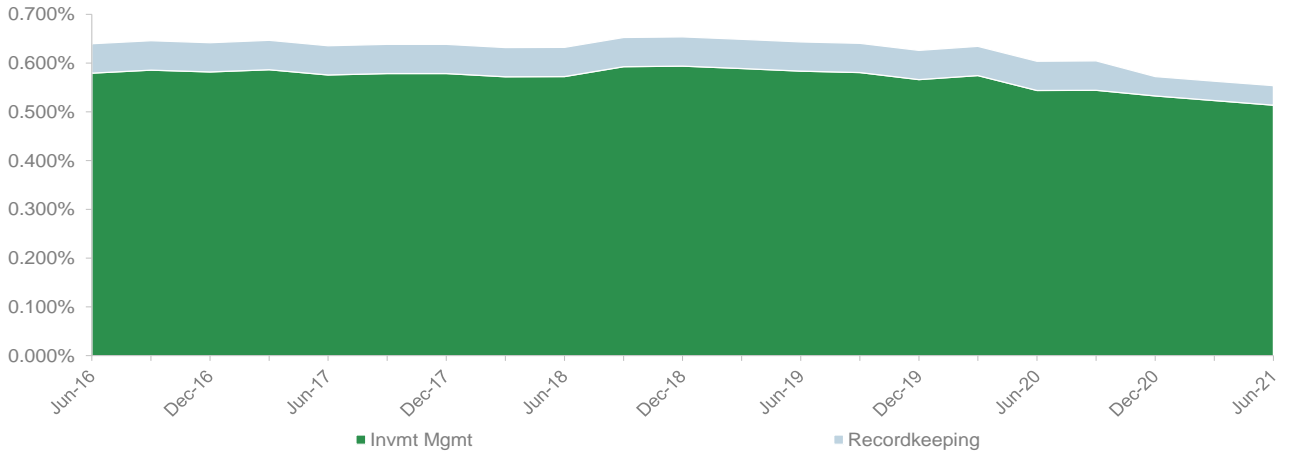


Fee Breakdown & Recordkeeping Costs

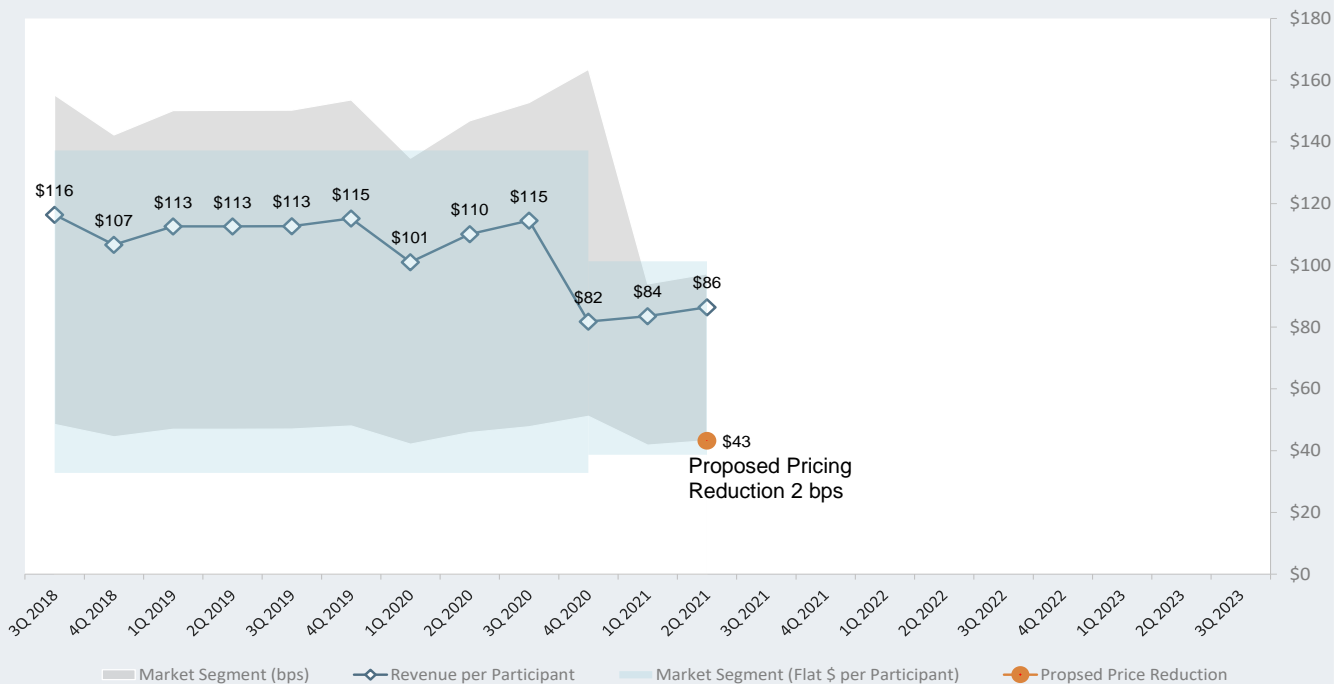
	Plan Assets 06/30/2021	Total Plan Expense (%) ²	Total Plan Expense (\$)	Revenue to Invmt. Mgmt. (\$)	Revenue to RK / Admin. (Vendor)
South Coast Air Quality Management District Retirement Savings Plan	\$223,427,787	0.553%	\$1,236,657	\$1,147,253	\$89,404
				0.513%	0.040%
Industry Average ¹		0.595%	\$1,329,738		

¹The Industry Average represents the weighted expense (based upon current allocation) of lowest cost Institutional and Retirement share classes in each asset category from Morningstar, plus the benchmark revenue requirement.

²Total Plan Expense does not include additional qualified Plan expenses or transaction costs.
Investment Management and Recordkeeping Costs



Recordkeeping Fee on a Per Participant Basis



*Note: The proposed pricing reduction is to 2 bps.

A photograph of a wooden table with a white mug of coffee, a red pen, and a branch of holly. The mug is filled with dark coffee. The pen is a red ballpoint pen with silver accents. The holly branch has green leaves and clusters of red berries. The scene is lit with warm, natural light.

Appendix

Section 5



**South Coast
Air Quality Management District**

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

MEETING DATE: August 11, 2020

REPORT: Deferred Compensation Plan Committee

SYNOPSIS: The Deferred Compensation Plan Committee met on Tuesday, August 11, 2020 at 2:10 pm. The meeting was conducted via a Zoom web conference. The following is a summary of that meeting.

RECOMMENDED ACTION:
Receive and file.

A. John Olvera, Chair
Deferred Compensation Plan

AJO:RH:tc

Committee Members Present

John Olvera – Deputy Executive Officer/Admin and Human Resources
Sujata Jain - Chief Financial Officer
Bayron Gilchrist – General Counsel

Committee Members Absent

None

Guests

Dario Gomez, MassMutual
Robert Gleason, Mass Mutual
Darren Stewart, Benefit Financial Services Group (“BFSG”)
Aksana Munoz, BFSG

Call to Order

Chair Olvera called the meeting to order at 2:10 pm.

FIDUCIARY AGENDA

- 1. Approval of Prior Meeting Minutes:** The Committee members unanimously approved the minutes of the meetings held on June 9, 2020.
- 2. 457 and 401(a) Plans Quarterly Investment Review – 2nd Quarter 2020:** The Committee members received and unanimously approved the Retirement Plan Quarterly Investment Review (the “Report”) for the 457 Deferred Compensation Plan and the 401(a) Defined Contribution Plan (collectively the “Plans”) for the quarter ending June 30, 2020.

BFSG reviewed and discussed the Report in detail. The presentation included an overview of the economy and capital markets during the reporting period, followed by a qualitative and quantitative review of the investments offered in the Plan, in accordance with the Investment Policy Statement (the “IPS”) Evaluation Methodology. Of the fourteen funds receiving a methodology ranking score, 6 funds were ranked as “outperform,” 5 were ranked as “perform,” and 3 funds were ranked as “underperform.” The average and Plan-weighted rank totaled 27 (“perform”) and 21 (“outperform”), respectively.

The following noteworthy funds were discussed in more detail.

DFA Large Cap Value returned 16.42% for the quarter outperforming both the index benchmark and category peers by over 100 basis points. Major contributors to recent performance were an underweight to Utilities, an overweight to Energy, and strong stock selection in the Consumer Discretionary sector. Lack of exposure to airlines and

bank stocks was also additive to performance during the quarter. The fund utilizes a deep value investment style which weighted on performance over the 1- and 3-year periods. Long-term performance remains strong.

Vanguard Selected Value is currently on the Watch List. The fund has more exposure to deep value investment strategies and entered 2020 with an overweight to airlines stocks which have been heavily impacted by the global pandemic and a drag on short-term performance. The portfolio has been overweight in the Financial and Industrials sectors which have been laggards to the overall market. With a rebound in energy stocks during the quarter, the fund outperformed its benchmarks due to an overweight allocation in the sector. After discussion, the Committee unanimously agreed to keep the fund on the Watch List.

Hartford Mid Cap Fund has been facing a couple of headwinds with its below average market cap and out of index sector allocations. The fund benchmarks itself against the S&P 400 Mid Cap Index so the portfolio's average market cap is much lower than the Russell Mid Cap Growth Index, \$7 billion compared to \$17 billion. Since large caps have been the leading market segment, this fund has not kept pace in the mid cap growth category as it has less exposure to large cap companies. In addition, the fund maintains an underweight allocation to Technology which has contributed to lagging performance. After discussion, the Committee unanimously agreed to place the fund on the Watch List to monitor for a potential shift of the fund to the mid cap blend category.

Goldman Sachs Small Cap Gr Insights utilizes big data as part of their investment strategy. An underweight to biotech stocks and poor stock selection in Energy led to short-term underperformance. Mr. Stewart recommended placing the fund on the Watch List to monitor for a possible migration away from the small cap growth category. The Committee unanimously agreed.

The T. Rowe Price Retirement Funds outperformed their respective benchmarks across all measured time periods noted in the Report. An overweight to equities was additive to recent performance of the Funds.

The Committee reviewed performance, costs, and utilization of the Target Date Models. The Committee also reviewed point-in-time Plan-level performance noting the Plan demonstrated better risk-adjusted returns than the active benchmark, as measured by 3-year Sharpe ratio, and had a lower expense ratio than the active peer group.

The Committee reviewed fees paid to MassMutual for recordkeeping and administration of the District's Plans. The Committee will continue to monitor the fees on an ongoing basis.

3. **Target Date Models Allocation Update:** BFSG discussed proposed updates to the Target Date Models. The updates included minor allocation changes in each asset class. BFSG will update the Models during the fourth quarter of 2020.
4. **Annual Board Report:** The Committee reviewed and discussed the Annual Report prepared by BFSG. The purpose of the Annual Report was to assist the Governing Board in fulfilling its responsibility to monitor the Committee, to which it has delegated fiduciary responsibility. The Committee reviewed major decisions made during the previous Plan year and unanimously agreed to approve the Annual Report as presented.

SETTLOR AGENDA

5. **Employee Education Meetings Update:** Ms. Munoz provided an update on recent workshops conducted by BFSG's Certified Financial Planner, Mr. Johnson for the District's employees. During the second quarter of 2020, Mr. Johnson conducted 7 one-on-one consultations and delivered 10 financial plans. Approximately 130 employees attended the four workshops conducted by BFSG during the recent quarter.
6. **Quarterly Review 457 and 401(a) Plans:** Mr. Gomez presented MassMutual's Plan Review report for the quarter ending June 30, 2020. His presentation included a review of the following areas: Plan assets, contributions, distributions, rollovers, loans, and plan participation. He further provided an update on employee educational workshops conducted by MassMutual noting there were 40 new enrollments during the quarter and 8 rollovers into the Plan.

The Committee also reviewed and filed the 401(a) Plan Review for the reporting quarter.

7. **Expense Budget Account Quarterly Activity Review:** The Committee reviewed the accounting activity report for the Plan Expense Budget Account for the period ending July 13, 2020.

OTHER MATTERS:

8. **Public Comments** – There were no public comments.
9. **Other Business** – There was no other business.

Adjournment - The meeting adjourned at 3:35 p.m.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
DEFERRED COMPENSATION PLAN COMMITTEE
SPECIAL MEETING MINUTES

September 17, 2020

Members Present: John Olvera, Deputy Executive Officer/Admin and Human Resources
Sujata Jain, Chief Financial Officer
Bayron Gilchrist, General Counsel

Committee Consultants: Darren Stewart, Benefit Financial Services Group (“BFSG”)
Aksana Munoz, BFSG
Robert Gleason, MassMutual
Dario Gomez, MassMutual

Call to Order: The special meeting of the Deferred Compensation Plan Committee (the “Committee”) was called to order by Mr. Olvera on September 17, 2020 at 4:00 pm. The purpose of the meeting was to discuss items listed on the agenda. The meeting was conducted via a Zoom web conference.

Action Item

1. Recordkeeping Fee Reduction

MassMutual discussed a proposed reduction of the current fees for recordkeeping and administration of the District’s Plans. The proposal was to reduce the fees from 6 basis points on Plan assets to 4 basis points. After discussion, the Committee unanimously agreed to accept the proposed fee reduction. Mass Mutual will work on preparing necessary amendments to the existing Service Agreement.

Informational Item

2. Acquisition of MassMutual’s Retirement Plan Business

The Committee discussed the recent purchase of MassMutual’s retirement business by Empower Retirement. Mr. Gomez briefly discussed an anticipated transition period noting MassMutual will communicate future steps once the sale transaction is closed.

Other Matters

3. Public Comments – There were no public comments.

Adjournment

With no further items to address, Mr. Olvera adjourned the meeting at 4:15 pm.



**South Coast
Air Quality Management District**

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

MEETING DATE: December 2, 2020

REPORT: Deferred Compensation Plan Committee

SYNOPSIS: The Deferred Compensation Plan Committee met on Wednesday, December 2, 2020 at 2:10 pm. The meeting was conducted via a Zoom web conference. The following is a summary of that meeting.

RECOMMENDED ACTION:
Receive and file.

A. John Olvera, Chair
Deferred Compensation Plan

AJO:RH:tc

Committee Members Present

John Olvera – Deputy Executive Officer/Admin and Human Resources
Sujata Jain - Chief Financial Officer
Bayron Gilchrist – General Counsel

Committee Members Absent

None

Guests

Dario Gomez, MassMutual
Robert Gleason, MassMutual
Darren Stewart, Benefit Financial Services Group (“BFSG”)
Aksana Munoz, BFSG

Call to Order

Chair Olvera called the meeting to order at 2:17 pm.

FIDUCIARY AGENDA

- 1. Approval of Prior Meeting Minutes:** The Committee members unanimously approved the minutes of the meetings held on August 11, 2020 and September 17, 2020.
- 2. Request for Proposal:** The Committee unanimously agreed to issue a Request for Proposal (“RFP”) for the District’s Plans to benchmark fees and services provided by the current vendor, MassMutual. The Committee reviewed and discussed an RFP Timeline drafted by BFSG. Mr. Olvera will lead the RFP process.
- 3. 457 and 401(a) Plans Quarterly Investment Review – 3rd Quarter 2020:** The Committee members received and unanimously approved the Retirement Plan Quarterly Investment Review (the “Report”) for the 457 Deferred Compensation Plan and the 401(a) Defined Contribution Plan (collectively the “Plans”) for the quarter ending September 30, 2020.

To provide context to the performance of the investment options in the Plan, Mr. Stewart provided an overview of the economy and capital markets during the reporting period. He further provided a quantitative and qualitative review of the funds offered in the Plan, in accordance with the Evaluation Methodology criteria set forth in the Plan’s Investment Policy Statement (the “IPS”). Of the fifteen funds receiving a methodology ranking score, eight funds were ranked as “outperform,” five were ranked as “perform,” and two funds were ranked as “underperform.” The average and Plan-weighted rank totaled 26 (“perform”) and 21 (“outperform”), respectively. The following noteworthy funds were discussed in more detail.

Vanguard FTSE Social Index - BFGS noted the Department of Labor (the “DOL”) finalized its rule binding retirement plan fiduciaries to a “pecuniary” standard when selecting environmental, social and governance (“ESG”) investments in retirement plans. Mr. Stewart advised the fund was added to the Evaluation Methodology and is benchmarked against other funds in the large blend category. The fund outperformed both the S&P 500 Index and large blend category peers across all measured time periods noted in the Report. An overweight to Apple and lack of energy stocks was additive to performance during the most recent quarter.

Vanguard Selected Value is currently on the Watch List due to underperformance relative to its benchmark index and peer group average, as well as a change in management for a large portion of the portfolio. The fund’s limited exposure to the Real Estate and Utilities sectors was additive to performance during the quarter. Poor stock selection in Industrials weighed on performance over the same period. On a quarter-to-date basis, the fund outperformed both benchmarks. After discussion, the Committee agreed to keep the fund on the Watch List to continue monitoring performance closely.

Hartford Mid Cap has underperformed both the benchmark index and peer group average across all periods noted in the Report. Over the last quarter and one-year periods, stock selection in the Healthcare and Technology sectors has detracted the most from performance. Specifically, positioning in biotechnology, medical devices, and scientific instruments companies has particularly impacted results. After discussion, the Committee unanimously agreed to keep the fund on the Watch List. BFGS brought a Fund Search for the Committee’s consideration. It will be reviewed later in the meeting.

Goldman Sachs Small Cap Gr Insights is currently on the Watch List. The fund trailed both benchmarks over the recent quarter and one-year period. Underperformance during the quarter was largely due to an overweight to Financials and Real Estate, and poor stock selection in the Industrials sector. After discussion, the Committee unanimously agreed to keep the fund on the Watch List. BFGS brought a Fund Search for the Committee’s consideration. It will be reviewed later in the meeting.

The T. Rowe Price Retirement Funds outperformed their respective benchmarks across all measured time periods noted in the Report. To address size concerns with its strategy, T. Rowe Price recently added two associate managers to the team effective October 1, 2020.

The Committee reviewed performance, costs, and utilization of the Target Date Models. The Model allocation changes were effective October 16, 2020.

The Committee reviewed point-in-time Plan-level performance noting the Plan demonstrated better risk-adjusted returns than the active benchmark, as measured by 3-year Sharpe ratio, and had a lower expense ratio than the active peer group.

The Committee reviewed fees paid to MassMutual for recordkeeping and administration of the District's Plans. Effective December 1, 2020, the recordkeeping fees were reduced from 0.06% of Plan assets to 0.04%. Fees for the recordkeeping and administration of the 401(a) Plan remain unchanged at 0.06% of Plan assets.

Share Class Review: As part of the Committee's ongoing due diligence, BFSG prepared and reviewed a Share Class analysis to examine the investment options in both Plans. The analysis illustrated a comparison of the current and lowest possible share class of each fund in the Plans. It was noted T. Rowe Price recently decreased expense ratios on their Institutional share class target date series. BFSG proposed moving to the Institutional share class as it would provide additional savings to Plan participants. The Committee unanimously agreed to make this change. In addition, The T. Rowe Price Retirement I 2065 I will be added to complete the current target date suit.

Fund Search: For the Committee's consideration BFSG prepared a Fund Search consisting of current options and available alternatives in the Mid Cap Growth and Small Cap Growth categories. Each investment option was reviewed in accordance with the Plan's Investment Policy Statement criteria, which includes performance, risk-adjusted performance, style consistency, expense, and qualitative criteria. After discussion, the Committee agreed to make the following changes to the Plan fund line-up:

- Replace Hartford Mid Cap with Carillon Eagle Mid Cap Growth.
- Replace Goldman Sachs Small Cap Growth Insights with Fidelity Advisor Small Cap Growth.

SETTLOR AGENDA

- 4. Employee Education Meetings Update:** The Committee received an Employee Education Meetings presentation prepared by BFSG. Due to time constraints, this agenda item was tabled to a future meeting, as warranted.
- 5. Quarterly Review 457 and 401(a) Plans:** Mr. Gleason presented MassMutual's Plan Review report for the quarter ending September 30, 2020. Plan assets increased quarter-over-quarter to approximately \$196 million, representing 1,028 participants with a balance. The average account balance remains strong. Over fifty participants utilize the Plan's Target Date Models. Other areas reviewed included asset allocation, cash flow, onsite meeting results, and COVID-19-related distributions.

The Committee received and filed the 401(a) Plan Review for the reporting quarter. Mr. Gomez provided a brief update on the acquisition of MassMutual's retirement business by Empower Retirement. The transaction is expected to close in the fourth quarter of 2020, pending customary regulatory approvals. It is business as usual until closing.

- 6. Expense Budget Account Quarterly Activity Review:** The Committee reviewed the accounting activity report for the Plan Expense Budget Account for the period ending October 8, 2020. MassMutual will reallocate any unused balance in the EBA back to participants automatically at the end of the year.

OTHER MATTERS:

- 7. Public Comments** – There were no public comments.
- 8. Other Business** – There was no other business.

Adjournment - The meeting adjourned at 3:15 p.m.



**South Coast
Air Quality Management District**

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

MEETING DATE: February 16, 2021

REPORT: Deferred Compensation Plan Committee

SYNOPSIS: The Deferred Compensation Plan Committee met on February 16, 2021 at 2:00 pm. The meeting was conducted via a Zoom web conference. The following is a summary of that meeting.

RECOMMENDED ACTION:
Receive and file.

A. John Olvera, Chair
Deferred Compensation Plan

AJO:RH:tc

Committee Members Present

John Olvera – Deputy Executive Officer / Admin and Human Resources
Bayron Gilchrist – General Counsel
Raquel Arciniega - Human Resources Manager

Committee Members Absent

Sujata Jain - Chief Financial Officer

Guests

Dario Gomez, Empower
Robert Gleason, Empower
Darren Stewart, Benefit Financial Services Group (“BFSG”)
Aksana Munoz, BFSG

Call to Order

Chair Olvera called the meeting to order at 2:02 pm.

Approval of Prior Meeting Minutes: The Committee members unanimously approved the minutes of the meeting held on December 2, 2020.

FIDUCIARY AGENDA

- 1. 457 and 401(a) Plans Quarterly Investment Review – 4th Quarter 2020:** The Committee members received and unanimously approved the Retirement Plan Quarterly Investment Review (the “Report”) for the 457 Deferred Compensation Plan and the 401(a) Defined Contribution Plan (collectively the “Plans”) for the quarter ending December 31, 2020.

To provide context to the performance of the investment options in the Plan, BFSG provided an overview of the economy and capital markets during the reporting period. The presentation was followed by a quantitative and qualitative review of the funds offered in the Plan, in accordance with the Evaluation Methodology criteria set forth in the Plan’s Investment Policy Statement (the “IPS”). The following noteworthy funds were discussed in more detail.

The following fund changes are scheduled to be completed on February 21, 2021.

- Hartford Mid Cap will be replaced with Carillon Eagle Mid Cap Growth.
- Goldman Sachs Small Cap Growth Insights will be replaced with Fidelity Advisor Small Cap Growth.

T. Rowe Price Blue Chip Growth - Long-term lead manager Larry Puglia recently announced he will retire later in the year. While the change is occurring sooner than expected, T. Rowe Price has been planning for the succession for over a year.

Associate Portfolio Manager Paul Greene will become the lead manager on October 1, 2021 and significant changes to the strategy are not expected. T. Rowe Price has a history of successful fund manager transitions, largely due to the significant role of analysts in the management of the funds. The upcoming change are not concerning at this time.

Vanguard Selected Value - The fund's performance improved considerably over the past 12 months beating its benchmarks over most measured time periods. Performance was positively impacted by allocations to the cyclical sectors like airlines and industrials and it had low exposure to utilities, real estate and defense sectors which were poor performing sectors during the quarter. The Committee unanimously agreed to keep the fund on the Watch List to see performance level out with the mid cap value category.

Hartford Healthcare Fund - The fund has 3 co-managers. Longtime manager Jean Hynes, who ran this portfolio's pharmaceutical sleeve on her own until recently, will leave this strategy in June 2021. The other two co-managers, who run the biotech and the healthcare services/medical-technology sleeves of this fund, will remain in place. Rebecca Sykes, who will replace Jean Hynes, has somewhat limited portfolio manager experience. In light of this development, the Committee unanimously agreed to place the fund on the Watch.

The T. Rowe Price Retirement Funds - The fund series outperformed both benchmarks during the quarter driven by an overweight to stocks compared to its peers. After underperformance during the market decline in the first quarter of 2020, the funds rebounded well, and each vintage outperformed its active benchmark for the year. While the lead manager recently retired, his long-term co-manager now runs the series and based on conversations with T. Rowe Price, no major changes are expected.

The Committee reviewed performance, costs, and utilization of the Target Date Models. The Model allocation changes were effective October 16, 2020.

The Committee reviewed point-in-time Plan-level performance noting the Plan demonstrated better risk-adjusted returns than the active benchmark, as measured by 3-year Sharpe ratio, and had a lower expense ratio than the active peer group.

The Committee reviewed fees paid to Empower for recordkeeping and administration of the District's Plans. Effective December 1, 2020, the recordkeeping fees for the administration of the 457(b) Plan were reduced from 0.06% on Plan assets to 0.04%. Fees for the recordkeeping and administration of the 401(a) Plan remained unchanged at 0.06% of Plan assets.

It was noted the Plans are under a levelized fee arrangement where fund revenue sharing payments are credited directly to the participants invested in the fund. The

Committee reviewed the share classes used in the Plans and noted that after adjusting for credited revenue sharing, all funds provide participants savings over using the lowest cost share class. Annualized savings are approximately \$27,000.

- 2. Request for Proposal Update:** SCAQMD with BFSG’s assistance issued a Request for Proposal (“RFP”) for the District’s Plans to benchmark fees and services provided by the current vendor, Empower. The RFP was released on February 5, 2021. Responses are due March 19, 2021. The Committee will meet on April 13, 2021 to review preliminary RFP results.

SETTLOR AGENDA

- 3. Employee Education Meetings Update:** The Committee received an Employee Education Meetings presentation prepared by BFSG. During the fourth quarter of 2020, BFSG conducted one webinar, 4 one-on-one consultations, and delivered 1 financial plan. The 2020 activity included 6 workshops, 42 one-on-one consultations, and 33 financial plans.
- 4. Quarterly Review 457 and 401(a) Plans:** Mr. Gleason presented a Plan Review report for the quarter ending December 31, 2020. Plan assets increased quarter-over-quarter to approximately \$211 million, representing 1,028 participants with a balance. The average account balance remains strong at \$205,166. Other areas reviewed included asset allocation, cash flow, loan statistics, Target Date Models utilization, virtual meeting results, and COVID-19-related distributions.

The Committee received and filed the 401(a) Plan Review for the reporting quarter.

- 5. Expense Budget Account Quarterly Activity Review:** The Committee reviewed the accounting activity report for the Plan Expense Budget Account for the period ending January 7, 2021. Mr. Gleason noted the remaining balance in the EBA was distributed back to participant pro rata at the end of December 2020.

OTHER MATTERS:

- 6. Public Comments** – There were no public comments.
- 7. Other Business** – There was no other business.

Adjournment - The meeting adjourned at 3:05 p.m.



**South Coast
Air Quality Management District**

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

MEETING DATE: May 18, 2021

REPORT: Deferred Compensation Plan Committee

SYNOPSIS: The Deferred Compensation Plan Committee met on May 18, 2021 at 3:00 pm. The meeting was conducted via a Zoom web conference. The following is a summary of that meeting.

RECOMMENDED ACTION:
Receive and file.

A. John Olvera, Chair
Deferred Compensation Plan

AJO:RH:tc

Committee Members Present

John Olvera – Deputy Executive Officer / Admin and Human Resources
Bayron Gilchrist – General Counsel
Raquel Arciniega - Human Resources Manager
Sujata Jain - Chief Financial Officer

Committee Members Absent

None

Guests

Darren Stewart, Benefit Financial Services Group (“BFSG”)
Aksana Munoz, BFSG

Call to Order

Chair Olvera called the meeting to order at 3:04 pm.

FIDUCIARY AGENDA

- 1. Request for Proposal Review** - For the Committee’s review and consideration, BFSG prepared and presented the preliminary results on the recently issued Request for Proposal (the “RFP”). Four (4) vendors responded to the RFP for the District’s 457 Deferred Compensation and 401(a) Plans, including: Empower (the incumbent), ICMA-RC, Nationwide, Prudential, and Voya.

It was noted data points included in the analysis are those that BFSG believes are both material to the evaluation of the proposals and materially different among proposals. BFSG is not providing suggested scoring of the proposals and the highlighted areas are meant to highlight differences and not suggest a specific score. The RFP scoring will be determined by the Committee.

BFSG reviewed the preliminary findings, summarizing each vendor’s strengths and weaknesses in the areas of recordkeeping platform/capability, market presence, average plan size, communication, assigned client servicing representatives, outsourcing capabilities, employee education, investment platform, and costs. Each category was discussed by the Committee and questions about the vendors’ capabilities were answered.

It was noted a select group of representative employees scored the Participant Experience section of the RFP. Their scoring was reflected in the RFP analysis and reviewed by the Committee.

The Committee evaluated the proposals and completed scoring metrics during the meeting. The following are the final scores:

- Empower: 82.45
- ICMA: 76.6
- Nationwide: 73.1
- Prudential: 73.45
- Voya: 78.25

The Committee unanimously agreed to recommend to the Executive Officer and/or the Governing Board of South Coast AQMD to award the contract to the current service provider, Empower.

2. Public Comments – There were no public comments.

3. Other Business – There was no other business.

Adjournment - The meeting adjourned at 4:45 p.m.



**South Coast
Air Quality Management District**

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

MEETING DATE: June 8, 2021

REPORT: Deferred Compensation Plan Committee

SYNOPSIS: The Deferred Compensation Plan Committee met on June 8, 2021, at 3:00 pm. The meeting was conducted via a Zoom web conference. The following is a summary of that meeting.

RECOMMENDED ACTION:
Receive and file.

A. John Olvera, Chair
Deferred Compensation Plan

AJO:RH:tc

Committee Members Present

John Olvera – Deputy Executive Officer / Admin and Human Resources
Bayron Gilchrist – General Counsel
Sujata Jain - Chief Financial Officer

Committee Members Absent

Raquel Arciniega - Human Resources Manager

Guests

Darren Stewart, Benefit Financial Services Group (“BFSG”)
Aksana Munoz, BFSG
Dario Gomez, Empower Retirement (“Empower”)
Robert Gleason, Empower

Call to Order

Chair Olvera called the meeting to order at 3:02 pm.

Approval of Prior Meeting Minutes: The Committee members in attendance unanimously approved the minutes of the meetings held on February 16, 2021, and May 18, 2021.

FIDUCIARY AGENDA

457 and 401(a) Plans Quarterly Investment Review – 1st Quarter 2021: The Committee members in attendance received and unanimously approved the Retirement Plan Quarterly Investment Review (the “Report”) for the 457 Deferred Compensation Plan and the 401(a) Defined Contribution Plan (collectively the “Plans”) for the quarter ending March 31, 2021.

To provide context to the performance of the investment options in the Plan, BFSG provided an overview of the economy and capital markets during the reporting period. The presentation was followed by a quantitative and qualitative review of the funds offered in the Plan, in accordance with the Evaluation Methodology criteria set forth in the Plan’s Investment Policy Statement (the “IPS”). The following noteworthy funds were discussed in more detail.

T. Rowe Price Blue Chip Growth - On March 15th T. Rowe Price issued a proxy vote to change its characterization as a diversified fund. The change would allow management more flexibility in allocating assets to companies with a position larger than five percent in the portfolio. Management has stated they do not plan on significantly altering the investment strategy, but the change is needed as their benchmark has several companies with a greater than five percent allocation.

Vanguard Selected Value is on the Watch List due to underperformance relative to the benchmark index and peer group average. Management typically invests in companies they have determined to be statistically cheap stocks trading below their estimated value with improving investor sentiment. As value came back into favor across markets during the first quarter, this fund outperformed the benchmark index and peer group average by approximately 11% and 10%, respectively, during the last 12 months. Most of the rebound in performance came from good stock selection in the Financials sector, especially regional banks. After discussion, the Committee members in attendance agreed to remove the fund from the Watch List due to improved performance.

MFS International New Discovery underperformed both benchmarks during the quarter. The fund's growth style has not been rewarded in the last 6 months and was the primary reason for short-term underperformance. Intermediate-and long-term performance remain strong. One of fund comanagers has recently retired. His replacement, Lionel Gomez, will manage the fund along with the remaining 4 long-term comanagers. As such, this change is not concerning at this time.

Hartford Healthcare Fund, which was placed on the Watch List during last meeting due to upcoming changes in management, underperformed during the quarter. The underperformance was largely due to poor stock selection in small- and mid-biotech companies. On a year-to-date basis, the fund outperformed its category peers. After discussion, the Committee agreed to keep the fund on the Watch pending further performance improvement.

The Committee reviewed performance, costs, and utilization of the Target Date Models. The Models composition was updated in February 2021 to reflect the recently completed fund changes.

The Committee reviewed point-in-time Plan-level performance noting the Plan demonstrated better risk-adjusted returns than the active benchmark, as measured by 3-year Sharpe ratio, and had a lower expense ratio than the active peer group.

The Committee reviewed fees paid to Empower for recordkeeping and administration of the District's Plans. During the recent Request for Proposal ("RFP") conducted for the District's Plans, Empower proposed to reduce their revenue requirement to 2 basis points on Plan assets. Their proposal included the utilization of Empower's either MassMutual Guaranteed Interest or the Great West Fixed accounts. The market segment for recordkeeping fees has been updated to reflect bids received during the RFP and is now reflected in the Report.

The Plans are currently under a level fee arrangement where fund revenue sharing payments are credited directly to the participants invested in the fund. The Committee reviewed the share classes used in the Plans and noted that after adjusting for credited

revenue sharing, all funds provide participants savings over using the lowest cost share class. Annualized savings are approximately \$28,000.

General Account Review: BFSG compared proposals from Empower related to the current general account. The comparison included a review of the MassMutual Guaranteed Interest account, which is currently utilized by the District's Plans, and the proposed Great West Fixed account. The analysis included a comparison of each product's insurance providers, crediting rates, as well as plan sponsor and participant liquidity provisions.

The Committee discussed advantages and disadvantages of utilizing each account and agreed to continue this discussion at the next regular meeting.

SETTLOR AGENDA

Employee Education Meetings Update: BFSG provided an update on employee education meetings conducted for the District's Plan participants. During the first quarter of 2021, BFSG, in collaboration with Empower, conducted a Retirement Readiness webinar. Over 60 Plan participants attended the webinar. BFSG's CFP, Mr. Johnson, had 6 one-on-one consultations and delivered 3 financial plans. The year-to-date activity was also reviewed by the Committee.

Quarterly Review 457 and 401(a) Plans: Mr. Gleason presented a Plan Review report for the quarter ending March 31, 2021. He noted the District's Plans are scheduled to transition to the Empower's recordkeeping platform in January 2022. The transition is expected to be completed over a weekend with no blackout period.

Plan assets totaled \$215 million (inclusive of Self-Directed Brokerage assets) of the end of the reporting period, compared to \$211 million as of the end of the previous quarter. The number of participants with an account balance decreased slightly from 1,029 to 1,027. Other areas reviewed included the average account balance, asset allocation, cash flow, loan statistics, and Target Date Models utilization. The 2021 Participant Engagement Calendar was also reviewed.

The Committee received and filed the 401(a) Plan Review for the reporting quarter.

Expense Budget Account Quarterly Activity Review: The Committee reviewed the accounting activity report for the Plan Expense Budget Account for the period January 2021 through April 2021. As of April 7, 2021, the balance in the Account was \$3,230.

OTHER MATTERS:

Public Comments – There were no public comments.

Other Business – There was no other business.

Adjournment - The meeting adjourned at 4:45 p.m.

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 19

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, November 12, 2021, Reviewed

RECOMMENDED ACTION:
Receive and file.

Wayne Natri
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

December 3, 2021 Board Meeting

Status Report Major Ongoing and Upcoming Projects for Information Management

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Cybersecurity Assessment	Perform a cybersecurity risk assessment that will identify any potential cybersecurity risks and recommend changes to align with industry standards and peer organizations	\$72,000	<ul style="list-style-type: none"> • RFP released March 5, 2021 • Contract Awarded June 4, 2021 • Initial Assessment completed 	<ul style="list-style-type: none"> • Review Cybersecurity Assessment findings and develop mitigation plan
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 	<ul style="list-style-type: none"> • Recommend Award December 3, 2021 • 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 	<ul style="list-style-type: none"> • System Design

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"> • Complete User Acceptance Testing and Deployment to Production of first ten 400-E-XX forms • Complete User Acceptance Testing and Deployment to Production of remaining 19 Rule 222 forms • Additional twelve 400-E-XX forms

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
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
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 	<ul style="list-style-type: none"> • Development of Phase 1 Applications • 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

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 updated STTS data model to Production • Deploy STTS Portal to production
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 • Development of Phase 1.2 – Warehouse Operations Notification evaluation completed • 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
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 • Developed evaluation module and calculation module 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 • Deployed Combustion Freight On Road Form changes • 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
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 	<ul style="list-style-type: none"> • Request Board approval December 3, 2021 • Execute contract(s) January 31, 2022
Office 365 License Renewal	Acquire Office 365 Enterprise Agreement license renewal	\$350,000	<ul style="list-style-type: none"> • Board approved purchase September 3, 2021 	<ul style="list-style-type: none"> • Execute contract(s) January 31, 2022

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
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
RZR-OSS API Integration	Development of integration API 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
CLASS Database Software Licensing	November 30, 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
CAPES (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

December 3, 2021



Presentation Topics

- Economic Indicators
- South Coast AQMD Metrics and Economic Implications
- Summary Charts

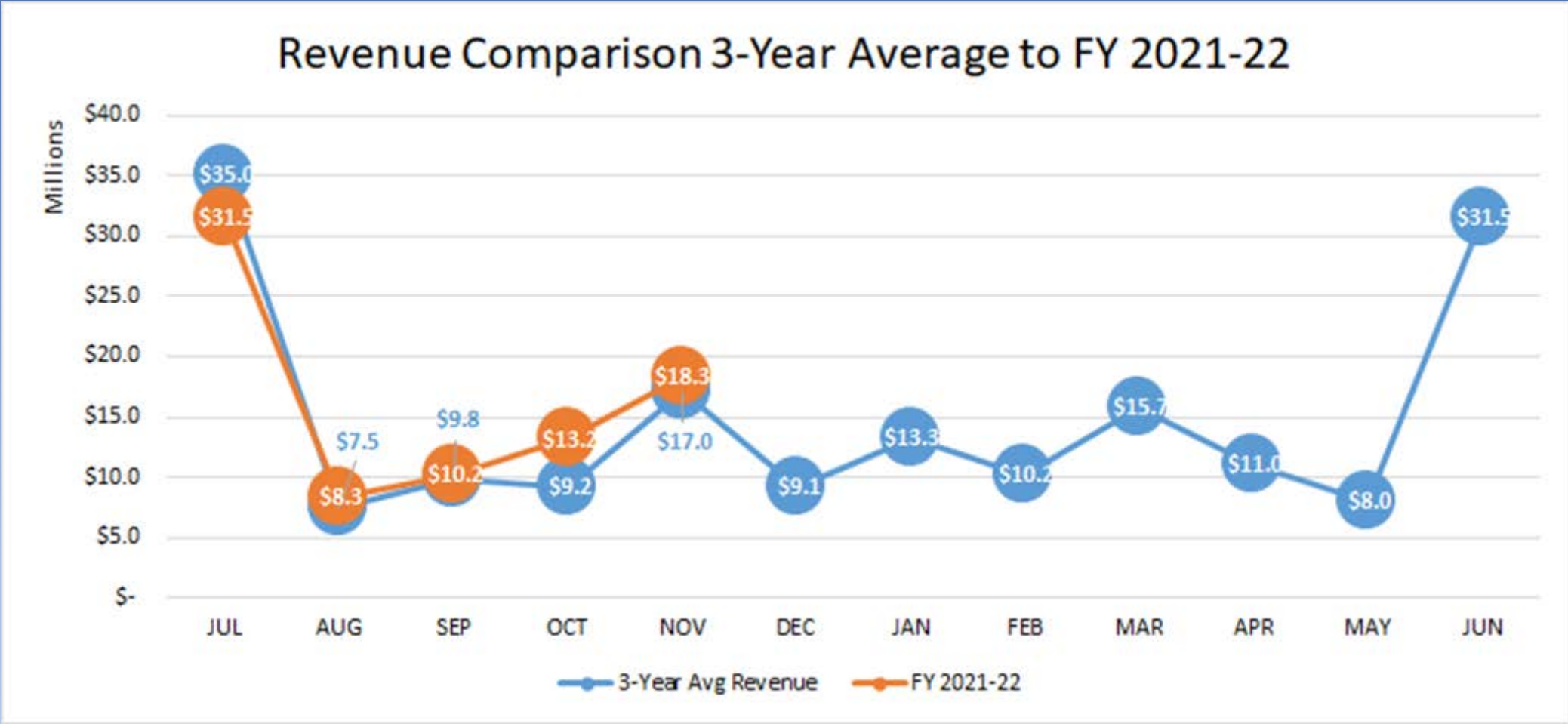
Summary of Metrics – Monthly

Metric			
State Economic Indicators	October 2020	October 2021	Notes
<i>Statewide Refinery Activity (Million Barrels Crude Oil Input)</i>	35.9	41.8	
<i>Port TEU Throughput (Million TEUs)</i>	1.8	1.7	
<i>Statewide Unemployment</i>	9.8%	7.3%	
South Coast AQMD	November 2020	November 2021	
<i>Revenue</i>	\$17.6 million	\$18.3 million	
<i>Expenditures</i>	\$12.1 million	\$12.8 million	
<i>Vacancy Rate</i>	16.8%	16.8%	
<i>Permit Applications Received</i>	357	344*	(*Nov 2021 preliminary)
<i>Expired or Potentially Expired Permits</i>	315	359	

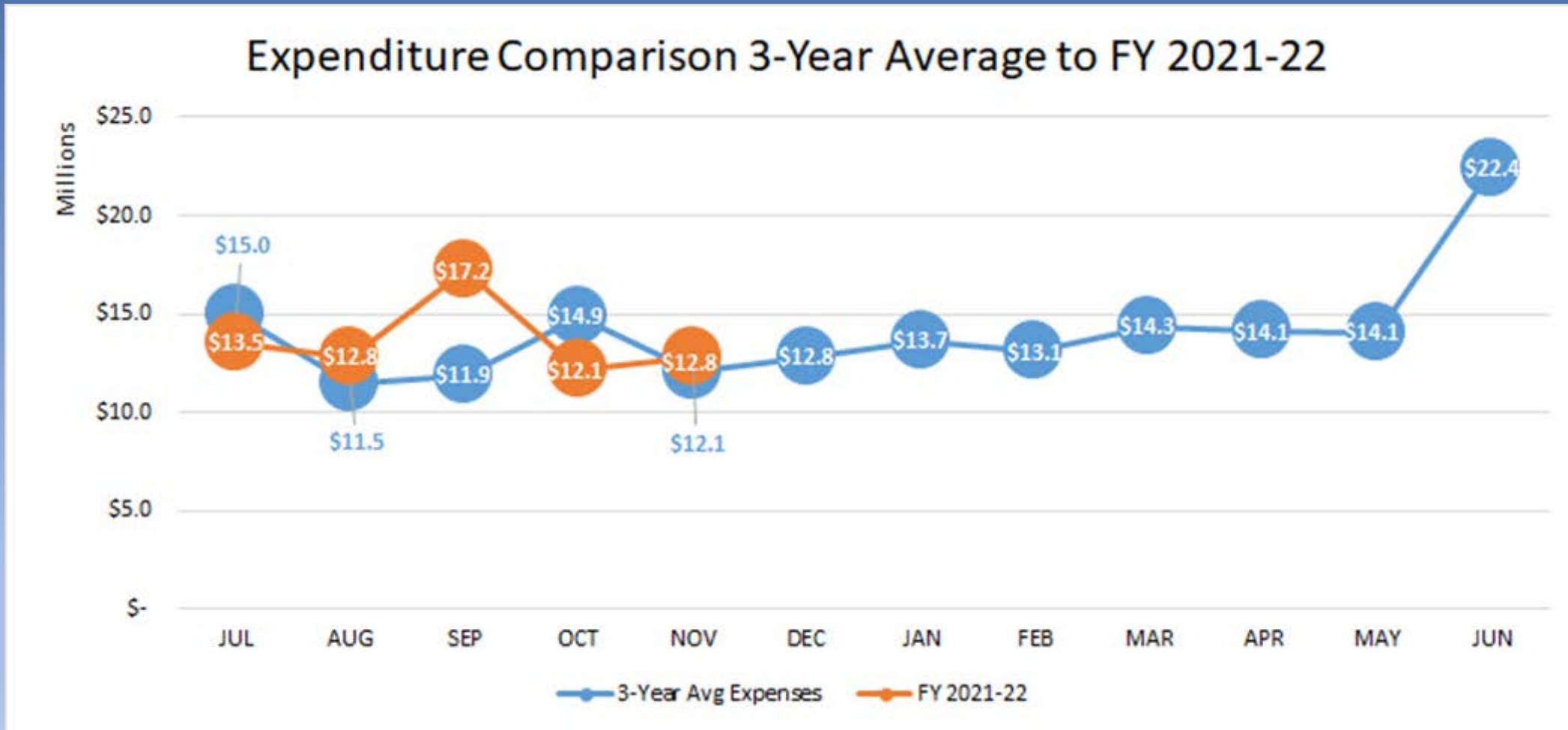
Summary of Metrics – Year to Date

Metric			
State Economic Indicators	Nov 2020 – Oct 2021	Nov 2020 – Oct 2021	Notes
<i>Statewide Refinery Activity (Million Barrels Crude Oil Input)</i>	518	503	
<i>Port TEU Throughput (Million TEUs)</i>	16.7	20.3	
South Coast AQMD	July – Nov 2020	July – Nov 2021	
<i>Revenue</i>	\$78.3 million	\$81.5 million	
<i>Expenditures</i>	\$66.7 million	\$68.4 million	
<i>Permit Applications Received</i>	2,574	2,328*	(*Nov 2021 preliminary)
<i>Expired or Potentially Expired Permits</i>	975	1,054	1 year to reinstate

Revenue



Expenditures

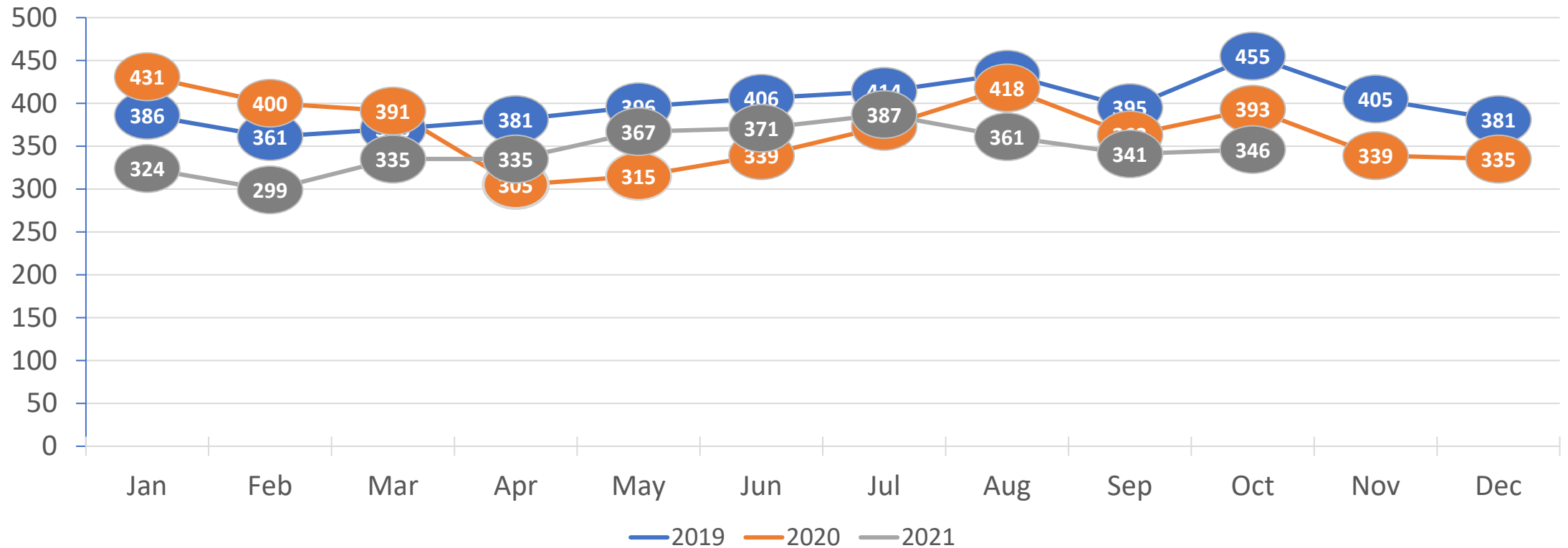


Staffing Levels as of 11/23/21

- 959 budgeted FTEs
- 161 vacant positions
- 798 filled positions
- 16.8 % vacancy rate

Emission Trends

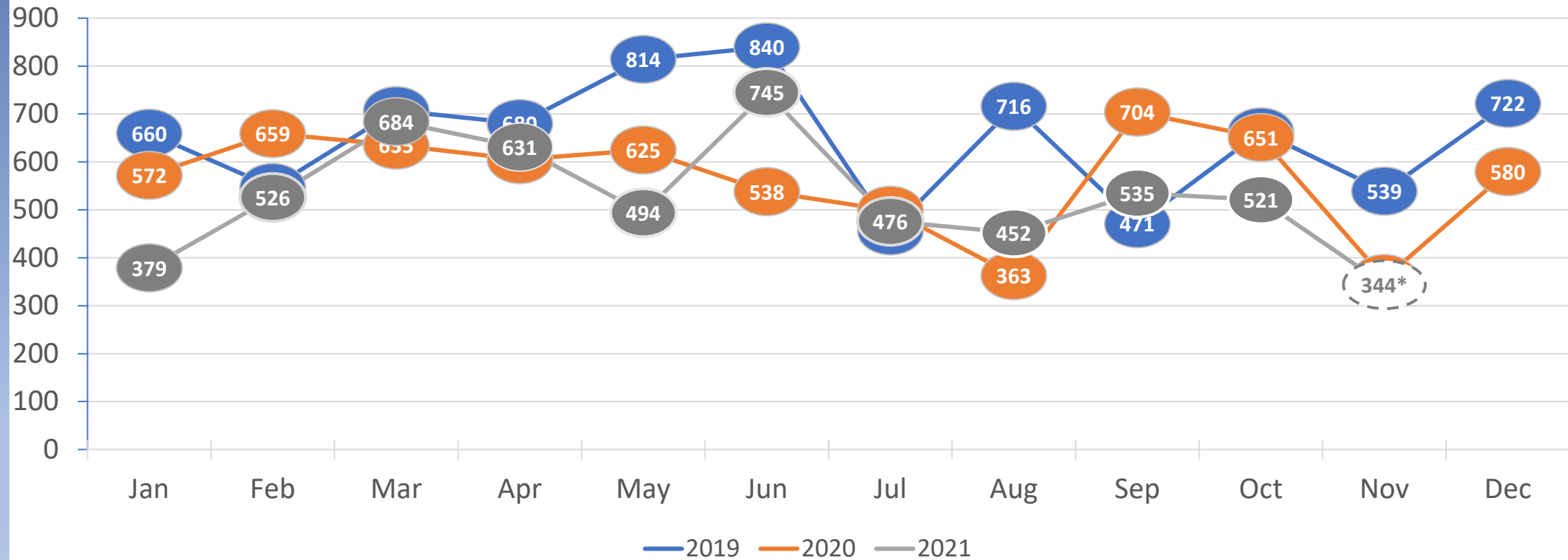
NOx Emissions, RECLAIM Major Sources (tons)



As of November 17, 2021

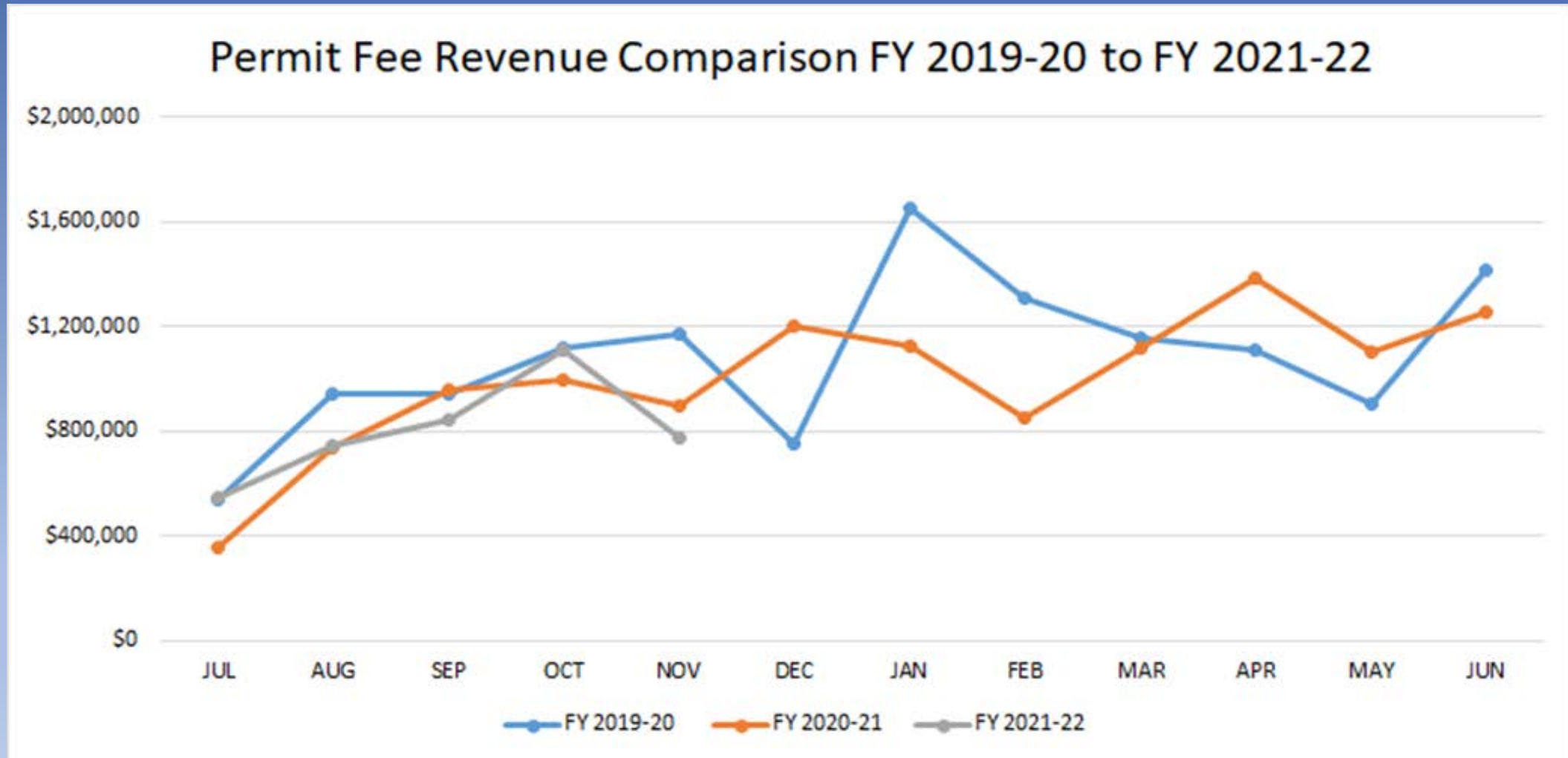
Permit Activity

Number of Applications Received per Month

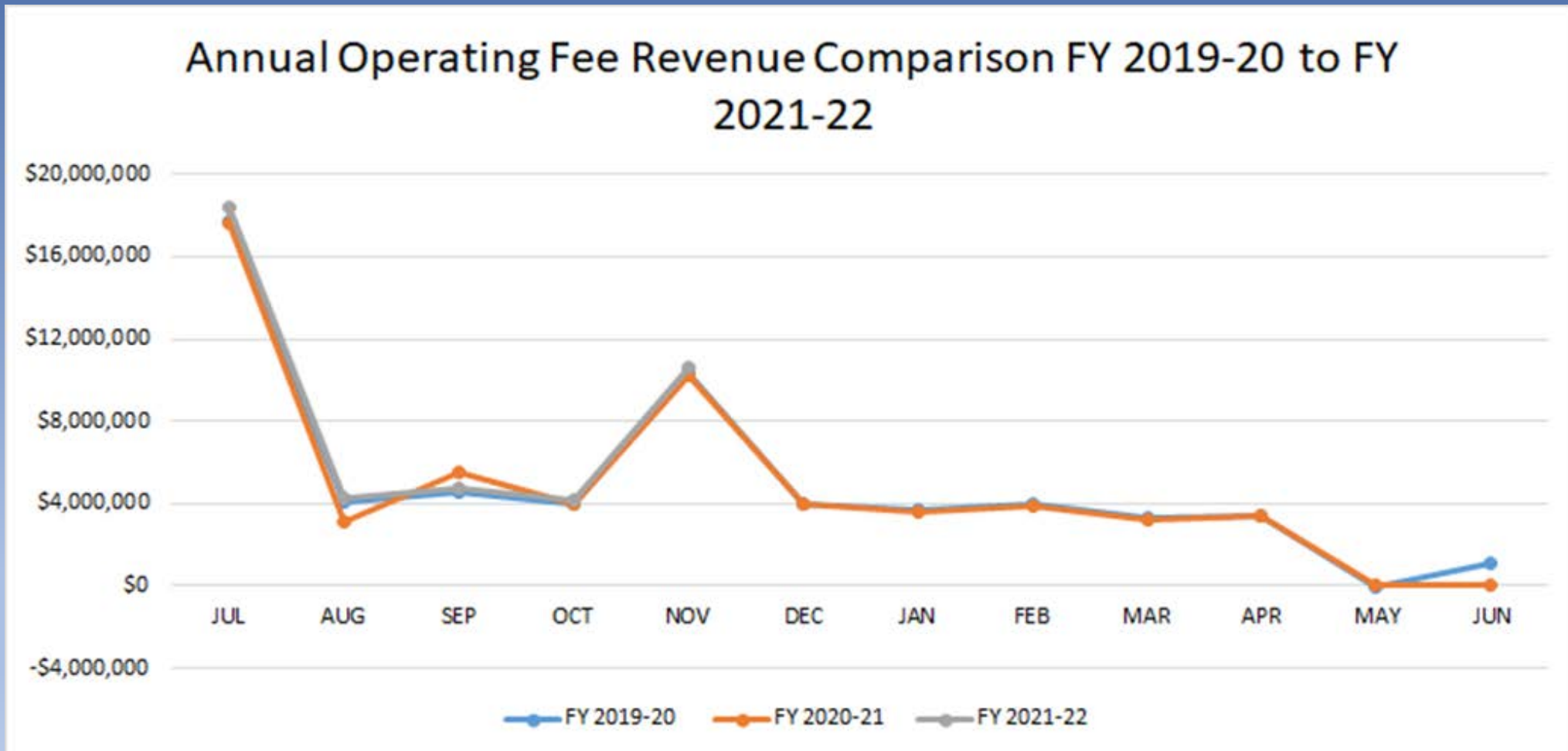


*November 2021 numbers preliminary

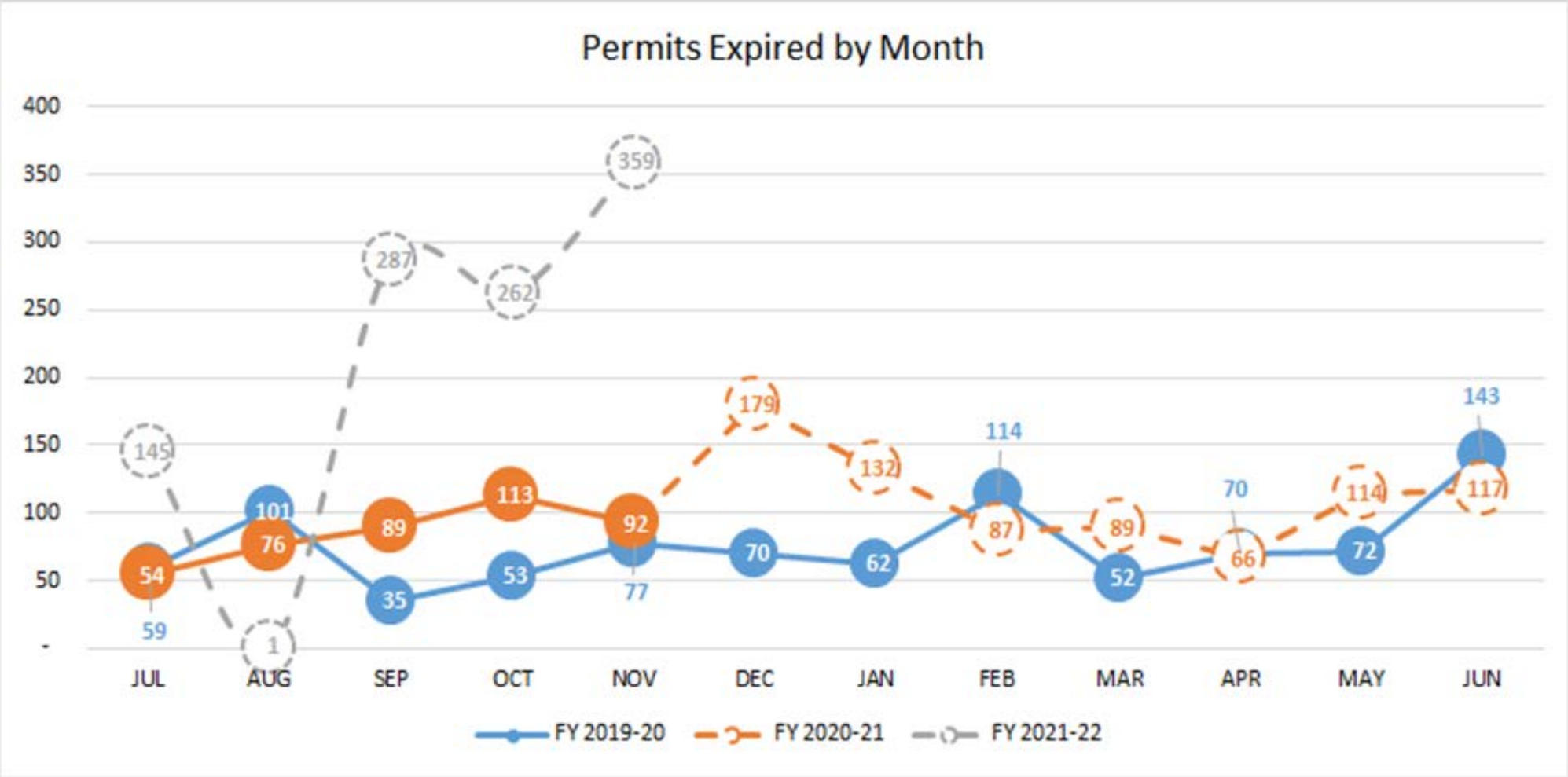
Permit Revenue



Annual Operating Fee Revenue



Permits - Expired and Potentially Expired



Dotted lines represent permits that have time to be reinstated

Summary of Metrics – Monthly

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State Economic Indicators	October 2020	October 2021	Notes
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[↑ Back to Agenda](#)

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 21

REPORT: Administrative Committee

SYNOPSIS: The Administrative Committee held a hybrid meeting on Friday, November 12, 2021. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Ben J. Benoit, Chair
Administrative Committee

JW:cb

Committee Members

Present: Chair Ben Benoit, Committee Chair
Senator (Ret.) Vanessa Delgado, Vice Chair
Mayor Pro Tem Michael Cacciotti
Board Member Gideon Kracov
Supervisor Janice Rutherford

Call to Order

Chair Benoit called the meeting to order at 10:00 a.m.

DISCUSSION ITEMS:

1. **Board Members' Concerns:** There were no concerns 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 December 3, 2021 Governing Board Agenda:** There were no issues 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 South Coast AQMD efforts. She highlighted several cultural remembrances taking place in November, and reported on the first Justice, Equity, Diversity and Inclusion (J.E.D.I.) Think Tank and provided an update on the book club. A second round of the book club is occurring to accommodate 40 additional participants.

The J.E.D.I. Think Tank will begin meeting next month. Employee resource groups continue to meet and provide updates.

Harvey Eder, Public Solar Power Coalition, provided public comment on activities happening internationally and a trip to Washington, D.C.

7. **Budget and Economic Outlook Update:** Jill Whynot, Chief Operating Officer, highlighted continuing trends. She reported that we are monitoring our revenues, expenditures and all economic indicators closely. Trends are similar to what has been reported for the last several months. She reported that we have hired new classes of engineers and inspectors that have lowered our vacancy rate.
8. **Status Report on Major Ongoing and Upcoming Projects for Information Management:** Ron Moskowitz, Chief Information Officer/Information Management, reported that a new version of Rule 1180 community air monitoring site and notification system has been deployed. Staff also made enhancements to the Clean Air Award Reservation website to support this year's hybrid format. Mr. Moskowitz acknowledged staff for their job well done in putting together hybrid meetings.
9. **Annual Audited Financial Statements for FY Ended June 30, 2021:** Sujata Jain, Chief Financial Officer/Finance, introduced Helen Chu and Rusty Cabilin who are part of the audit firm BCA Watson Rice, LLP who presented the results of the fiscal year 2021 financial audit. They concluded that the financial statements were presented fairly in all material respects and in accordance with generally accepted accounting principles.

Mr. Eder provided public comment on the cost-effectiveness of solar power.

10. **South Coast AQMD's FY 2021-22 First Quarter ended September 30, 2021 Budget vs. Actual (Unaudited):** Sujata Jain, Chief Financial Officer/Finance, presented a summary of the 2021 first quarter unaudited budget versus actual

results, which ended on September 30, 2021. Ms. Jain also provided a revenue and expenditure comparison, and a five-year projection based on these results. The revenue comparison between last fiscal year and this fiscal year was within budget. The expenditures compared to last fiscal year are similar. The five-year projection looks better than the 20 percent level that is the goal. There are uncertainties such as lower annual operating fees and retirement costs.

Mr. Eder provided public comment requesting a sensitivity analysis that includes worst case for small business closures.

ACTION ITEMS:

11. **Recognize Revenue, Transfer and Appropriate Funds, Amend Contract, Issue Solicitations and Purchase Orders for Air Monitoring Equipment and One Vehicle:** Dr. Jason Low, Assistant Deputy Executive Officer/Science & Technology Advancement, reported that this is a routine annual item to recognize \$100,000 from U.S. EPA for the PAMS Program and to appropriate funds when they are available to the Science & Technology Advancement 2021-2022 and 2022-2023 budget. In addition, this action is to amend contracts for technical support, issue solicitations and execute purchase orders for air monitoring and laboratory equipment and for one vehicle.

Mayor Pro Tem Cacciotti inquired if any vehicles currently exist that meet our duty requirements of 150 or more miles per day to monitor this equipment and expressed concern about purchasing another gasoline-powered vehicle. Dr. Low reported that there are vehicles on the list ranging from gas to hybrid. He mentioned that we are looking forward to the 2022 California list in order to see if there are promising vehicles, such as the Ford Lightning that may be able to get over 200 miles range. Staff continues to look at all available options including OEM Certified as a preference.

Chair Benoit supported Mayor Pro Tem Cacciotti's concerns and noted if OEM Certified is just a preference, we find something that meets our demands.

Moved by Cacciotti; seconded by Rutherford, unanimously approved.

Ayes: Benoit, Cacciotti, Delgado, Kracov, Rutherford
Noes: None

12. **Interview Firms and Recommend Execution of Contract(s) for Legislative Representation in Washington, D.C.:** Derrick Alatorre, Deputy Executive Officer/Legislative, Public Affairs & Media, reported that this action is a result of an RFP for our legislative consultants in Washington, D.C. Five firms

submitted proposals and all five were deemed qualified. The five firms to be interviewed in alphabetical order are: The Carmen Group, Cassidy & Associates, DWG&P, Kadesh & Associates, and The Monares Group.

Supervisor Rutherford inquired how outreach was done for the RFP. Mr. Alatorre responded that we advertised in Washington, D.C. and reached out to several caucuses at the federal level to see if they wanted to forward the RFP to any possible firms.

Vice Chair Delgado commented that out of the five applicants, one of them had a higher price than we can sustain and recommended we only interview the four within our price range. She inquired on the number of years South Coast AQMD has had the same consultants. Mr. Alatorre responded that Kadesh & Associates since approximately 2007, The Carmen Group and Cassidy & Associates since approximately 2015.

Mr. Nastri inquired with Chief Deputy Counsel, Barbara Baird, if it was okay to interview four instead of the five. Ms. Baird confirmed that the committee could make that decision.

The committee interviewed four candidates: The Carmen Group, Cassidy & Associates, Kadesh & Associates, and The Monares Group. They considered their respective professional backgrounds and experience and discussed legislative efficiency issues.

Mr. Eder provided public comment on solar tax credits.

Jeff Genzer from Duncan Weinberg Genzer & Pembroke provided public comment on the firm's proposal and clarified their price range.

Chair Benoit inquired if the budget for consulting in Washington, D.C. was clear in the RFP. Mr. Alatorre stated that the budget of \$400,000 was made clear but not whether we were going to choose one or multiple firms. Mr. Alatorre further clarified that the budget for consulting in Washington, D.C. is \$400,000 but the Board allocated an additional \$200,000 for the past 3 to 4 years.

After discussion among committee members, Supervisor Rutherford moved to extend contracts to three firms: The Carmen Group, Cassidy & Associates, and Kadesh & Associates; seconded by Cacciotti, unanimously approved.

Board Member Kracov and Vice Chair Delgado asked staff to communicate with the firms to discuss price range and negotiate to stay within the budget, to not

exceed \$630,000.

Ayes: Benoit, Cacciotti, Delgado, Kracov, Rutherford
Noes: None

13. **Recommend Approval of New Member for South Coast Young Leaders Advisory Council (YLAC):** Derrick Alatorre, Deputy Executive Officer/Legislative, Public Affairs & Media, reported that Jack Symington was recommended by Board Member Kracov to join the Young Leaders Advisory Council and staff requests approval of his appointment.

Board Member Kracov mentioned his support for this appointment and that Mr. Symington will be a good contribution to the agency.

Moved by Benoit; seconded by Cacciotti, unanimously approved.

Ayes: Benoit, Cacciotti, Kracov
Noes: None
Absent: Delgado, Rutherford

14. **Transfer and Appropriate Funds from Two Special Revenue Funds to the General Fund for Information Management and Compliance and Enforcement Projects and Purchases to Support South Coast AQMD Operations and Close Two Special Revenue Funds:** Ms. Jain reported that this item is to transfer \$508,900 from two Special Funds into the General Fund, in order to purchase some much needed capital assets. These two funds are the Dry Cleaner Program Fund and our Public Benefit Oversight Fund, and it is not anticipated that either of these funds will have additional activities going forward.

Moved by Cacciotti; seconded by Kracov, unanimously approved.

Ayes: Benoit, Cacciotti, Kracov
Noes: None
Absent: Delgado, Rutherford

15. **Revise Procurement Policy and Procedure:** Ms. Jain reported that this action is to revise the procurement policy in two areas. Currently, the Executive Officer has up to \$75,000 each fiscal year to spend on purchasing capital assets during interruption of operations or an emergency. Staff requests to increase this authority from \$75,000 to \$350,000. The second area is requesting authority for the Executive Officer for up to \$500,00 per fiscal year, during periods that a Continuity of Operations Plan (COOP) is implemented. The COOP has currently

been in place for approximately two years. A report to the Administrative Committee will be made every six months for the expenditures in both of these categories.

Moved by Cacciotti; seconded by Benoit, unanimously approved.

Ayes: Benoit, Cacciotti, Kracov
Noes: None
Absent: Delgado, Rutherford

16. **Receive and File Annual Report on 457 Deferred Compensation Plan:** John Olvera, Deputy Executive Officer/Administrative & Human Resources, reported that this is a receive and file item for the annual report to the Board on South Coast AQMD's Deferred Compensation Plans for the year ending June 2021. A general summary was provided which includes over 1,000 participants and approximately \$220 million in assets in the plans. The annual report provides detailed information regarding assets, demographics, committee actions and plan performance.

Moved by Benoit; seconded by Cacciotti, unanimously approved.

Ayes: Benoit, Cacciotti, Kracov
Noes: None
Absent: Delgado, Rutherford

WRITTEN REPORT:

17. **Local Government & Small Business Assistance Advisory Group Minutes for the August 13, 2021 Meeting:** The report was acknowledged and received.
18. **Environmental Justice Advisory Group Minutes for the August 27, 2021 Meeting:** The report was acknowledged and received.

OTHER MATTERS:

19. **Other Business:** There was no other business to report.
20. **Public Comment:** Mr. Eder commented on the Constitution.
21. **Next Meeting Date:** The next regular Administrative Committee meeting is scheduled for December 10, 2021 at 10:00 a.m.

Adjournment

The meeting adjourned at 12:10 p.m.

Attachments

- Local Government & Small Business Assistance Advisory Group Minutes for August 13, 2021
- Environmental Justice Advisory Group Minutes for August 27, 2021



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
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LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP FRIDAY, AUGUST 13, 2021 MEETING MINUTES

MEMBERS PRESENT:

Supervisor Janice Rutherford (Board Member)
Felipe Aguirre
Mayor Rachelle Arizmendi, City of Sierra Madre
Paul Avila, P.B.A. & Associates
Geoffrey Blake, Metal Finishers of Southern California
John DeWitt, JE DeWitt, Inc.
Bill LaMarr, California Small Business Alliance
Rita Loof, RadTech International
Eddie Marquez, Roofing Contractors Association
David Rothbart, Los Angeles County Sanitation Districts

MEMBERS ABSENT:

Mayor Pro Tempore Carlos Rodriguez, LGSBA Chairman (Board Member)
Todd Campbell, Clean Energy
LaVaughn Daniel, DancoEN
Randon Lane, Brylan Enterprises, Inc.

OTHERS PRESENT:

Mark Abramowitz
Erin Berger
Harvey Eder
Debra Mendelsohn, Board Member Consultant (*Rutherford*)
Jennifer Rio
Mark Taylor, Board Member Consultant (*Rutherford*)
Janet Whittick
Ross Zelen

SOUTH COAST AQMD STAFF:

Jill Whynot, Chief Operating Officer
Derrick Alatorre, Deputy Executive Officer
Lisa Tanaka O'Malley, Assistant Deputy Executive Officer
Daphne Hsu, Principal Deputy District Counsel
Kathryn Higgins, Senior Public Affairs Manager
Dan Garcia, Planning & Rules Manager
Kelly Trainor Gamino, Program Supervisor
Nicole Silva, Program Supervisor
Diana Thai, Program Supervisor

Anthony Tang, Information Technology Supervisor
Ricardo Rivera, Senior Staff Specialist
Van Doan, Air Quality Specialist
Paul Wright, Senior Information Technology Specialist
Evangelina Barrera, Senior Public Information Specialist
Alicia Lizarraga, Senior Public Information Specialist
Arlene Farol Saria, Senior Public Information Specialist
Ryan Stromar, Senior Public Information Specialist
Daniel Wong, Senior Public Information Specialist

Agenda Item #1 – Call to Order/Opening Remarks

Supervisor Janice Rutherford called the meeting to order at 11:32 a.m.

Agenda Item #2 – Approval of June 11, 2021 Meeting Minutes

Supervisor Rutherford called for approval of the June 11, 2021 meeting minutes. The minutes were approved unanimously.

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

Mr. Derrick Alatorre reviewed the follow-up and action items from the previous meeting and stated that staff provided a link to the Cap-and-Trade Program report to the advisory group via email on June 18, 2021. In response to public records requested by Ms. Rita Loof, Mr. Alatorre stated he spoke with Public Records and Engineering & Permitting (E&P) staff, and cannot query for facilities using ultraviolet (UV) coatings that were previously exempt pursuant to Rule 219. Mr. Alatorre recommended to use the South Coast Air Quality Management District's (South Coast AQMD) Facility Information Detail (FIND) tool to search for specific facilities. Ms. Loof clarified that her request was for any facilities made to obtain permits when installing UV equipment. She said South Coast AQMD staff identified 108 facilities and is requesting facility names to access the information on FIND. Mr. Alatorre responded that Ms. Loof's original request was for Fender Guitar and was later expanded to include additional facilities. E&P responded that they cannot query for UV coatings operations. Ms. Loof said when she worked at South Coast AQMD, there was an equipment description code "BCAT", which stands for "basic category" used to track equipment types. She offered to provide the number. Mr. Alatorre replied that he will discuss with E&P.

Follow-up Item #1: Discuss with E&P regarding facility names request and query for UV equipment using the BCAT code.

Mr. Alatorre noted another action item includes a Rule 219 update, which will be presented at the next meeting in September.

A request was previously made to research the possibility to have the Home Rule Advisory Group (HRAG) transferred to this advisory group. Mr. Alatorre said there have been discussions with Chair Carlos Rodriguez and need to determine how many HRAG members would like to be added to this advisory group as the charter limits the number of members. Mr. David Rothbart said that he has spoken with several HRAG members and the consensus was to keep it as a separate group. Mr. Alatorre stated he will discuss with Planning, Rule Development & Area Sources (PRDAS).

Follow-up Item #2: Discuss with PRDAS regarding the transfer of HRAG to LGSBA.

Mr. Bill LaMarr expressed support for Mr. Rothbart's recommendation to maintain HRAG as a separate advisory group.

Agenda Item #4 – Update on Assembly Bill (AB) 617 for 2021

Mr. Daniel Wong presented an update on the Assembly Bill (AB) 617 program for 2021.

Mr. Paul Avila referenced a slide on data-gathering and inquired about the types of data gathered and how they are accumulated. Mr. Dan Garcia stated that at the initial selection of a community, there is already a sense of the types of sources. When the community boundaries are defined, technical staff

conducts an in-depth review of sources within the boundaries, which provides the baseline emissions and help identify emission reductions.

Ms. Loof commented that RadTech has a program to sponsor startups in the UV industry.

Mr. LaMarr referenced slide #7 and asked what the average number of people on a Community Steering Committee (CSC) is. Mr. Wong said it depends on the community. For example, San Bernardino/Muscoy has about 25 members and the largest is Eastern Coachella Valley (ECV) with around 45 members. Mr. LaMarr asked how many of those are local business owners or workers and mentioned that businesses are underrepresented. Mr. Wong said that five local businesses are on the ECV CSC and six are on the Wilmington CSC. Mr. LaMarr mentioned joining an AB 617 consultation group recently and the existing animosity between members and businesses. Mr. Wong stated that South Coast AQMD conducted a lot of the initial outreach to business representatives, who are always at the table, invited, and welcomed to provide input. As to animosity between the CSC and businesses, staff tries to work through it and resolve the issues. Mr. Alatorre said that the ECV community did not want any businesses on the CSC, but businesses are allowed to participate under the program guidelines and the South Coast AQMD is supportive of that. Mr. LaMarr mentioned that he addressed the Governing Board (GB) at a previous event and mentioned that trade associations should be allowed to participate at these meetings. Mr. Wong indicated that it is mandated that 50% of the CSC members be residents of that community and urged Mr. LaMarr to stay in contact. Supervisor Rutherford said that it was a challenge to find business representatives who were available and interested in participating in her area.

Ms. Loof expressed support for Mr. LaMarr's comments and asked if trade associations' eligibility could be reconsidered. Mr. Alatorre stated that he will consult with Mr. Wayne Nastri.

***Action Item #1:** Consult with Mr. Nastri if trade associations could be allowed to participate on the CSC.*

Supervisor Rutherford inquired about the funding for this program. Mr. Alatorre said that South Coast AQMD continues to advocate for sustained funding for this program and hopes that it would increase this year, however, fund allocation is dependent on the budget trailer bills. Ms. Jill Whynot added that Mr. Nastri and others has been aggressively advocating for sustained and additional funding and have been unsuccessful the past several years. Supervisor Rutherford commented on the lack of funding to implement this program.

Mr. Harvey Eder made public comments on business and trade groups.

Agenda Item #5 – Update on the Environmental Justice Community Partnership

Ms. Alicia Lizarraga provided an update on the Environmental Justice Community Partnership and indicated one of the keynote speakers for the 7th Annual Environmental Justice Conference is Governor Arnold Schwarzenegger.

Ms. Loof supported Supervisor Rutherford's comments made at the Administrative Committee meeting that the Clean Air Program for Elementary Schools (CAPES) should be accessible to as many schools as possible. Ms. Loof mentioned the Who to Call guide and suggested that it should be expanded to include trade association resources for the business community to contact when help or solutions are needed in addition to compliance problems. Ms. Lizarraga stated that the program is available to any schools that are interested, including charter schools and tribal groups. Supervisor Rutherford

mentioned that there was a lengthy discussion at the Administration Committee meeting today on how to expand the outreach program to include more schools and make the program more effective.

Mr. Rothbart mentioned Mr. Nastri's letter to the Environmental Justice groups and asked if those groups are not understanding the dilemma that South Coast AQMD is in. Mr. Alatorre responded that the South Coast AQMD has spoken to many environmental groups who understand the problem. However, many groups want zero-emission technology, and few groups understand the benefits of near-zero-emission technology. Mr. Rothbart said there are consequences of non-attainment. Chair Rutherford recommended reading Mr. Nastri's letter and requested it be sent to this group.

Action Item #2: Distribute to the advisory group the letter from Mr. Nastri to Environmental Justice groups about zero-emission versus near-zero-emission vehicles.

Mr. Harvey Eder made public comments on renewable natural gas and solar energy.

Agenda Item #6 – Monthly Report on Small Business Assistance Activities

No comments.

Agenda Item #7 – Other Business

Mr. LaMarr asked if there was any more information regarding the GB retreat. Ms. Whynot said it is still unknown if the retreat will be in a hybrid or in-person format. The retreat is scheduled for September 16-17 at the Renaissance Esmeralda Resort & Spa in Indian Wells. Supervisor Rutherford asked when we will know whether it will be in-person or hybrid and Ms. Whynot said by next week.

Agenda Item #8 – Public Comment

Mr. Harvey Eder commented about COVID-19.

Agenda Item #9 – Next Meeting Date

The next regular LGSBA Advisory Group meeting is scheduled for Friday, September 10, 2021 at 11:30 a.m.

Adjournment

The meeting adjourned at 12:55 p.m.



South Coast Air Quality Management District



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ENVIRONMENTAL JUSTICE ADVISORY GROUP FRIDAY, AUGUST 27, 2021 MEETING MINUTES

MEMBERS PRESENT:

Senator Vanessa Delgado (Ret.), EJAG Chair (Board Member)
Supervisor Janice Rutherford, EJAG Vice Chair (Board Member)
Veronica Padilla-Campos (Board Member)
Elizabeth Alcantar, City of Cudahy
Rhetta Alexander, Valley Interfaith Council
Manuel Arredondo, Coachella Valley School District, Retiree
Angelica Balderas, Sierra Club
Dr. Lawrence Beeson, Loma Linda University, School of Public Health
Suzanne Bilodeau, Knott's Berry Farm
Kerry Doi, Pacific Asian Consortium in Employment
Dr. Afif El-Hasan, American Lung Association
Mary Figueroa, Riverside Community College
Angela Garcia, Department of Toxic Substance Control
Kareem Gongora, San Bernardino County Planning Commission
Ana Gonzalez, Center for Community Action and Environmental Service
Dr. Jill Johnston, University of Southern California
Humberto Lugo, Community Member
Daniel Morales, National Alliance for Human Rights
David McNeill, Baldwin Hills Conservancy
Rafael Yanez, Community Member

MEMBERS ABSENT:

Paul Choe, Korean Drycleaners & Laundry Association
Dr. Monique Hernandez, California State University, Los Angeles
Donald Smith, 136th Street Block Club

OTHERS PRESENT:

Mark Abramowitz, Community Environmental Services
Brian Sheridan, Coalition of Clean Air

SOUTH COAST AQMD STAFF:

Derrick Alatorre, Deputy Executive Officer
Lisa Tanaka O'Malley, Assistant Deputy Executive Officer
Philip Crabbe III, Sr. Public Affairs Manager
Daphne Hsu, Principal Deputy District Counsel
Maryam Hajbabaei, AQ Specialist
Alicia Lizarraga, Public Affairs Manager
Dana Bernard, Senior Public Affairs Specialist
Stephano Padilla, Senior Public Affairs Specialist

Agenda Item #1: Call to Order/Opening Remarks

Chair Vanessa Delgado called the meeting to order at 12:00 p.m. Ms. Dana Bernard read the housekeeping items and then took roll call.

Agenda Item #2: Approval of April 23, 2021 and the April 30, 2021 Meeting Minutes

Chair Delgado called for the approval of the April 23, 2021 and April 30, 2021 meeting minutes. Ms. Ana Gonzalez moved to approve the minutes and Mr. David McNeill seconded the motion. The minutes were approved.

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

Mr. Derrick Alatorre reviewed the action items from the April 23, 2021 meeting and April 30, 2021 special meeting:

Staff was asked to reach out to the group via email with an update on high speed rail. The email was sent out on July 2.

Staff was asked to coordinate with Chair Delgado regarding the scheduling of a special meeting. The special meeting was held on April 30.

Staff was asked to provide the website link to members for information on the Warehouse ISR. That link was shared on April 29.

Staff was asked to email the four EJAG authors to connect them for the purpose of drafting a letter to be sent to the South Coast AQMD Governing Board. The email was sent on April 30 and the letter was received by the Clerk of the Board on May 3.

Agenda Item #4: School Air Filtration Program Overview

Ms. Maryam Hajbabaei delivered a presentation on school air filtration programs.

Ms. Veronica Padilla-Campos requested a list of the 96 schools included in the program. Ms. Hajbabaei said we could provide the list.

Action Item: Staff to provide an update on the school air filtration program.

Action Item: Staff to send members list of the 96 schools in the program.

Dr. Afif El-Hassan asked if school attendance had been assessed in conjunction with the air filtration implementation. Ms. Hajbabaei stated the South Coast AQMD's program had not assessed for attendance, however other studies had been conducted which showed the use of the air filtration technology had a positive impact.

Mr. Rafael Yanez asked if the filtration equipment used was independent air monitors or retrofits applied to an existing air filtration system. Ms. Hajbabaei explained we either provide panel filters or use independent, standalone units.

Mr. Yanez asked for clarification of how certain funds were used for school or home filtration projects. He also asked if any funds would be used for the Inglewood Unified School District. Ms. Hajbabaei explained that projects' locations were often dependent on specifications by the funding sources, and by community members in the AB617 steering committees. No Inglewood school had been, but future projects could be considered for Inglewood, however.

Mr. Yanez asked if filtration projects were being pursued in temporary schooling and housing facilities. Staff responded they were not.

Ms. Mary Figueroa urged the South Coast AQMD to bring such projects to Riverside.

Ms. Angela Garcia asked how long the filters had been in place for the pilot study. Ms. Hajbabaei estimated they had been used for a period of three months. Ms. Garcia asked if the students and teachers reported any noticeable change in their air quality during the program. Ms. Hajbabaei stated they had. Ms. Garcia asked how she might suggest schools for inclusion in the program. Ms. Hajbabaei encouraged Ms. Garcia to reach out to district program staff.

Ms. Rhett Alexander asked whether the schools and districts identified on page 3 of the presentation were pilot study communities. Ms. Hajbabaei specified they were not only pilot program schools, but all schools funded during the life of the project.

Ms. Padilla-Campos asked for clarification on the time frame of the project. South Coast AQMD have been able to fund programs lasting between 1 and 10 years, depending on settlement funds.

Mr. Kareem Gongora asked if there were any efforts to extend the program to unincorporated communities who had no sustainable municipal sources to rely on. He also asked if there were any future studies planned regarding the outcomes of the air filtration projects in regard to student health. Ms. Hajbabaei stated program availability is often based on fund availability in a certain area. She was not aware of any upcoming health studies, but mentioned there was an upcoming study on residential air filtration programs.

Mr. Rafael Yanez commented on the importance of utilizing the budget to the best possible extent and suggested some alternative means of achieving program goals while maximizing budget efficiency.

Mr. Mark Abramowitz with Community Environmental Services suggested a potential funding resource for school filtration in state and federal funding for HVAC (including air filtration) systems.

Agenda Item #5: Environmental Justice Community Partnership Update

Ms. Alicia Lizarraga provided an update on the Environmental Justice Community Partnership.

Action Item: Staff to provide members with artwork details of EJ Conference

Ms. Padilla-Campos asked if the EJ Conference event is held in different locations annually, and if transportation options are available. Ms. Lizarraga stated that the goal is to take the event to locations in all four counties of the South Coast Air Basin in the future. Transportation to the event has not been arranged but is still possible dependent on budget.

Ms. Mary Figueroa suggested looking into setting up small, outdoor community gatherings similar to “Movies in the Park” setup to make the EJ conference accessible to more residents. She suggested several college campuses in Riverside County which could be used for future outreach events as well and reminded the group that CARB headquarters would soon be in Riverside. Chair Delgado asked if a special meeting could be called for members to brainstorm ways in which to help their communities be part of the EJ Conference. Mr. Alatorre suggested instead that group members send their suggestions to staff.

Ms. Garcia suggested increased efforts in reaching out to university students in environmental sciences to help expose them to career fields and current issues relevant to their studies.

Action Item: Staff to provide an update on the San Bernardino Valley College webinar and expanding to other colleges at a future meeting.

Agenda Item #6: Member Updates

Ms. Mary Figueroa requested a South Coast AQMD staff member speak at a community meeting regarding potential health impacts of a foam and polyurethane manufacturer. She also requested future discussion regarding an elementary school development in the East Side community which has been planned near major traffic and emissions sources.

Action Item: Staff to follow up with Ms. Figueroa regarding a speaker to discuss ER Carpenter at a community meeting.

Mr. Gongora requested future discussion by the group regarding housing, land use, greenhouse gas reduction benchmarks, and environmental justice communities.

Mr. Yanez expressed concern regarding rendering plant odors in the Boyle Heights and Commerce areas, and facility compliance with Rule 415. Mr. Alatorre suggested the topic be agenzized to be discussed in detail at a future meeting.

Action Item: Staff to request a presentation on rendering plants for a future meeting.

Agenda Item #7- Other Business

None

Agenda Item #8- Public Comment

Mr. Brian Sheridan shared information about the upcoming California Clean Air day, and invited members to visit the website and make a pledge for clean air.

Agenda Item #9: Next Meeting Date

The next EJAG meeting was announced for Friday, October 22, 2021 at 12:00 p.m.

Adjournment

The meeting was adjourned at 2:05 p.m.

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BOARD MEETING DATE: December 3, 2021

AGENDA NO. 22

REPORT: Investment Oversight Committee

SYNOPSIS: The Investment Oversight Committee held a meeting remotely on Friday, November 19, 2021. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Michael A. Cacciotti, Chair
Investment Oversight Committee

SJ:gp

Committee Members

Present: Mayor Pro Tem Michael Cacciotti, Chair
Board Member Veronica Padilla-Campos
Richard Dixon
Brent Mason
Patrick Pearce

Absent: Senator Vanessa Delgado (Ret.), Vice Chair

Call to Order

Chair Cacciotti called the meeting to order at 12:00 p.m.

DISCUSSION ITEMS:

1. *Quarterly Report of Investments*: The Committee reviewed the quarterly investment report that was provided to the Board. For the month of September 2021, the South Coast AQMD's weighted average yield on total investments of \$1,011,660,827.46 from all sources was 0.52%. The allocation by investment type was 96.0% in the Los Angeles County Pooled Surplus Investment Fund (PSI) and 4.0% in the State of California Local Agency Investment Fund (LAIF) and South Coast AQMD's

Special Purpose Investments (SPI). The one-year Treasury Bill rate as of September 30, 2021 was 0.09%.

2. *Cash Flow Forecast*: Sujata Jain, Chief Financial Officer, reported on the cash flow for the current year and the projections for the next three years. South Coast AQMD Investment Policy limits its Special Purpose Investments to 75% of the minimum amount of funds available for investment during the Cash Flow Horizon. That limit, which includes all funds (General, MSRC, Clean Fuels, AB 617 Implementation, VW) is \$195.7 million. Current Special Purpose Investments are well below the maximum limit. Staff is working with the Los Angeles County Treasurer to seek investments that will yield additional interest.

3. *Financial Market Update*: Richard Babbe from PFM Asset Management provided information on current overall economic conditions. He presented market information focusing on COVID-19, which is still impacting the economy. Some sectors such as transit stations, retail and recreation are still below pre-COVID-19 levels, while other sectors such as residential have surpassed pre-COVID-19 levels. COVID-19 continues to disrupt the supply chain, specifically transportation of goods. However, there seems to be an expansion in the manufacturing sector. Although unemployment has declined to a national level of 4.6%, employers are having difficulty filling positions, with many employees having voluntarily dropped out of the workforce. Due to the surge of the Delta variant, GDP did not hit the expected levels of 4.5% and came in at 2% for the 3rd quarter. CPI reached 5.4% mainly due to shortages in energy, cars and trucks. This might be temporary because the Federal Reserve thinks that by next year inflation will drop down to the 2% target. Depending on the economic activity, the Federal Reserve might raise interest rates by mid-2022.

ACTION ITEM:

4. *Calendar Year 2022 Committee Meeting Dates*: For calendar year 2022, quarterly Investment Oversight Committee meeting dates are as follows: Friday, February 18; Friday, May 20; Friday, August 19; and Friday, November 18.

Moved by Richard Dixon; Seconded by Brent Mason; unanimously approved.

Ayes: Cacciotti, Dixon, Mason, Padilla-Campos, Pearce

Noes: None

Abstain: None

Absent: Delgado

OTHER MATTERS:

5. Other Business

There was no other business.

6. Public Comment Period

There was no public comment.

7. Next Meeting Date

The next regular meeting of the Investment Oversight Committee is scheduled for February 18, 2022 at noon.

Meeting adjourned at 12:37 p.m.

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BOARD MEETING DATE: December 3, 2021

AGENDA NO. 23

REPORT: Legislative Committee

SYNOPSIS: The Legislative Committee held a hybrid meeting on Friday, November 12, 2021. The following is a summary of the meeting.

Agenda Item	Recommendation/Action
State Legislative Guiding Principles	Approve as Amended
Federal Legislative Guiding Principles	Approve

RECOMMENDED ACTION:

Receive and file this report and approve agenda item as specified in this letter.

Michael A. Cacciotti, Chair
Legislative Committee

LTO:PFC:DPG:ar

Committee Members

Present: Mayor Pro Tem 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 Cacciotti called the meeting to order at 9:01 a.m.

ACTION ITEMS:

1. Recommend 2022 State and Federal Legislative Guiding Principles

Staff presented the proposed state and federal legislative guiding principles for 2022 for approval.

2022 State Legislative Guiding Principles

Mr. Philip Crabbe, Public Affairs Manager , presented on the proposed state legislative guiding principles for 2022.

Senator Delgado inquired if the Voting District Authorization proposal from prior years was included in the legislative principles. Derrick Alatorre, Deputy Executive Officer, Legislative, Public Affairs and Media, responded that there are no plans to pursue that legislation in 2022, but the proposed principles are broad enough if the Board provides direction.

Supervisor Rutherford inquired about the principle relating to the impacts and prevention of wildfires. Mr. Alatorre responded that there has been wildfire related legislation in the past to provide funding for smoke mitigation and forestry management activities.

Supervisor Rutherford asked about the employee pension item under the Administrative Operations section. Mr. Crabbe responded that this principle relates to potential legislation affecting pension benefits. Mr. Alatorre also mentioned that the Teamsters approached South Coast AQMD about a possible bill in 2022 on pensions. Supervisor Rutherford requested that the wording be changed which staff agreed to do.

Supervisor Rutherford asked about the negative fiscal impacts of COVID-19 in the same Administrative Operations section. Mr. Crabbe responded that this guiding principle has been carried forward from the previous year in case there are unexpected costs or lost revenues related to the pandemic. Supervisor Rutherford asked that the wording be changed to more accurately reflect the intent.

Supervisor Perez asked to include dust and sandstorms in guiding principles similar to wildfires. Mr. Alatorre responded in the affirmative.

Supervisor Perez emphasized the need for funding to address Salton Sea related issues. Wayne Natri, Executive Officer, responded that South Coast AQMD would continue to support legislative efforts to fund Salton Sea mitigation and restoration efforts.

Additionally, Supervisor Perez recommended pursuing legislative hearings as a strategy to help highlight South Coast AQMD's clean air priorities. Mr. Natri

concurred and indicated that staff will meet with legislative offices to pursue public hearings on South Coast AQMD air quality issues.

Board Member Padilla-Campos requested that the guiding principle relating to transportation prioritize zero-emission technologies where feasible. Mr. Nastri affirmed the importance of implementing zero-emissions technology for available applications and where supporting infrastructure exists. Staff will add language to this principle.

Board Member Padilla-Campos added that South Coast AQMD should seek AB 617 funds to add communities to the program. Mr. Nastri indicated that AB 617 is currently underfunded and to increase the number of communities, more resources and policy changes to the program are needed.

Council Member Buscaino stated that funding for the development of zero emission technologies is critical, but lowering emissions in the near-term through the use of near-zero emission technology is also important.

There was no public comment.

After discussion and direction by Board Members, staff recommended APPROVAL AS AMENDED of the proposed state legislative guiding principles for 2022.

Moved by Buscaino; seconded by Perez; unanimously approved
Ayes: Buscaino, Cacciotti, Delgado, Padilla-Campos, Perez, Rutherford
Noes: None
Abstain: None
Absent: None

2022 Federal Legislative Guiding Principles

Ms. Lisa Tanaka O'Malley, Assistant Deputy Executive Officer, Legislative, Public Affairs and Media, presented on the proposed federal legislative guiding principles for 2022.

Chair Cacciotti commented the importance of federal tax incentives to reduce financial impediments for small business owners to purchase the cleanest available trucks.

Harvey Eder, Public Solar Power Coalition, provided public comment regarding climate and environmental equity.

Staff recommended APPROVAL of the proposed federal legislative guiding principles for 2022.

Moved by Perez; seconded by Delgado; unanimously approved
Ayes: Buscaino, Cacciotti, Delgado, Padilla-Campos, Perez, Rutherford
Noes: None
Abstain: None
Absent: None

2. Update on Federal Legislative Issues

South Coast AQMD's federal legislative consultants (Kadesh & Associates, Carmen Group, and Cassidy & Associates) provided written report on key Washington, D.C. issues.

Ben Miller of Kadesh & Associates reported that South Coast AQMD staff met with Senator Alex Padilla's staff on issues related to attainment and the need for federal regulation of mobile sources.

Gary Hoistma of Carmen Group had no additional comments to his written report.

Amelia Jenkins of Cassidy & Associates informed the committee that the bipartisan infrastructure bill is likely to be signed into law on November 15, 2021.

Mr. Eder provided public comment regarding the need to evaluate the full life cycle and costs of fossil fuels, expressed concerns about natural gas and urged tax credits for solar energy.

3. Update on State Legislative Issues

South Coast AQMD's state legislative consultants (Joe A. Gonsalves & Son, Resolute, and California Advisors LLC) provided written reports on key issues in Sacramento.

Paul Gonsalves of Joe A. Gonsalves & Son informed the committee that Governor Newsom canceled his trip to the United Nations Climate Summit due to family obligations. The next cap-and-trade auction is on November 17, 2021.

David Quintana of Resolute had no update to his written report.

Ross Buckley of California Advisors, LLC reported that on November 10, 2021 the redistricting commission released draft maps for a 14-day public comment period. The state must finalize these maps by December 27, 2021.

There was no public comment.

OTHER MATTERS:

4. Other Business

There was no other business to report.

5. Public Comment Period

Mr. Eder commented on solar energy.

6. Next Meeting Date

The next regular Legislative Committee meeting is scheduled for Friday, December 10, 2021 at 9:00 a.m.

Adjournment

The meeting adjourned at 9:58 a.m.

Attachments

1. Attendance Record
2. Recommend Approval of State and Federal Legislative Guiding Principles for 2022
3. Update on Federal Legislative Issues – Written Reports
4. Update on State Legislative Issues – Written Reports

ATTACHMENT 1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT LEGISLATIVE COMMITTEE MEETING (VIA HYBRID) ATTENDANCE RECORD – November 12, 2021

Board Member Veronica Padilla-Campos..... South Coast AQMD Board Member
Council Member Joe Buscaino..... South Coast AQMD Board Member
Mayor Pro Tem 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 J. Wong..... Board Consultant (Padilla-Campos)

Ross Buckley..... California Advisors, LLC
Paul Gonsalves..... Joe A. Gonsalves & Son
Gary Hoitsma..... Carmen Group, Inc.
Mark Kadesh..... Kadesh & Associates
Ben Miller..... Kadesh & Associates
Amelia Morales..... Cassidy & Associates
David Quintana..... Resolute

Mark Abramowitz
Harvey Eder..... Public Solar Power Coalition
Fernando Gayton
Bill LaMarr..... California Small Business Alliance
Tom Swenson
Janet Whittick
Peter Whittingham

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
Stacy Day..... South Coast AQMD Staff
Sindy Enriquez..... South Coast AQMD Staff
Sheri Hanizavareh..... South Coast AQMD Staff
Anissa Cessa Heard-Johnson..... South Coast AQMD Staff
Mark Henninger..... South Coast AQMD Staff
Sujata Jain..... South Coast AQMD Staff
Aaron Katzenstein..... South Coast AQMD Staff
Jason Low..... South Coast AQMD Staff
Terrance Mann..... South Coast AQMD Staff
Matt Miyasato..... South Coast AQMD Staff
Ron Moskowitz..... 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
Denny Shaw South Coast AQMD Staff
Lisa Tanaka O'Malley..... South Coast AQMD Staff
Anthony Tang..... South Coast AQMD Staff
Jill Whynot South Coast AQMD Staff
Paul Wright South Coast AQMD Staff

ATTACHMENT 2



South Coast Air Quality Management District

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

South Coast AQMD's State Legislative Guiding Principles for 2022

The following goals and objectives are identified to protect public health, facilitate attainment of state and federal clean air standards within the South Coast region by statutory deadlines and address other South Coast AQMD needs and policy priorities, while working with and serving as a resource to state legislators and the Governor; federal, state, and local agencies; business, environmental and community groups; and other stakeholders:

Air Quality Funding

Increase existing and identify new funding sources that provide a sustainable revenue stream for clean air programs and priorities that: 1) ensure attainment of state and federal air quality standards; 2) protect public health; 3) eliminate or reduce unhealthy air pollution; 4) fund local air districts' efforts to implement Assembly Bill 617 (C. Garcia, Chapter 136, Statutes of 2017); and 5) address impacts of natural and manmade events such as wildfires, dust/sandstorms, odor or other with a focus on incentive programs and research and development projects that support applicable South Coast AQMD Air Quality Management Plans (AQMPs), and create opportunities to partner with stakeholders. Ensure that funding meant for air districts' efforts is properly allocated.

South Coast AQMD Authority / Policy Implementation

Defend and ensure adequate South Coast AQMD authority for implementation of the Board's clean air policies and programs, including those required by state and federal law and applicable South Coast AQMD AQMPs.

Surface Transportation & Goods Movement

Support and expand policy and funding considerations that promote air quality priorities in connection with the implementation of state and federal surface transportation, infrastructure and goods movement policies and programs, especially with regard to the development and deployment of zero and near-zero emission medium- and heavy-duty trucks, with a priority for zero-emission where commercially viable at scale.

State Support

Work to ensure that the state government does not impose unfunded mandates on South Coast AQMD and does its fair share to reduce air pollution within the South Coast region by providing ample funding, legislative action, regulatory action and support by the Administration to South Coast AQMD to: 1) facilitate implementation of applicable South Coast AQMD AQMPs and attainment of federal ozone and particulate matter air quality standards by upcoming deadlines; and, 2) ensure that local air districts have sufficient resources to fully implement their responsibilities and programs that are part of AB 617 (C. Garcia, 2017).

Development and Deployment of Clean Technology / Economic Stimulus

Support and advocate for legislative and administrative policies, programs and funding, including as part of any economic stimulus efforts, that promote the development and deployment of near-zero and zero emission infrastructure, equipment and vehicle technology, especially with regard to medium- and heavy-duty trucks, to: 1) protect public

South Coast AQMD's State Legislative Guiding Principles for 2022

health; 2) facilitate attainment of clean air standards; and/or 3) support a healthy economy and promote job retention/creation within the South Coast region.

Environmental Justice

Support and advocate for legislative policies and funding that: 1) promote and sustain environmental justice initiatives which reduce localized health risks resulting from criteria pollutant and toxic air contaminant emissions; 2) develop and expand access to clean air technology, especially in disproportionately impacted communities; 3) enhance community participation in decision-making; and 4) provide the resources necessary to fully implement local air districts' responsibilities and programs created through AB 617 (C. Garcia, 2017), including adding new communities to the program only if sufficient funding is provided.

Addressing Impacts of ~~Wildfires, Dust Storms and Sandstorms~~ Natural and Manmade Events

Support and advocate for legislative and administrative policies, programs and funding that: ~~1) reduce and/or mitigate air quality-related public health impacts within the South Coast region caused by wildfires, dust/sand-storms, and sandstorms; odors, or other events. and 2) reduce the number of wildfires that impact the South Coast region.~~

Climate Change

Seek to influence climate change policies and initiatives and facilitate their implementation consistent with Board policy. In particular, support efforts directing that the Greenhouse Gas Reduction Fund provide funding to maximize criteria pollutant and toxic emission reduction co-benefits that facilitate attainment of clean air standards and reduce public health impacts in the South Coast region, such as through the development and deployment of near-zero and zero-emission vehicles, equipment and fueling/charging infrastructure, especially as it relates to medium- and heavy-duty trucks.

Clean Energy

Support legislative efforts that advance the Board's Energy Policy which promotes energy efficiency, demand reduction and reliable, cost effective and clean energy for all consumers in the South Coast region, while facilitating attainment of clean air standards and providing support for a healthy economy.

Business/Jobs Climate

Support legislative policies and/or administrative actions that promote job retention and creation as well as economic growth, while working toward attainment of clean air standards; and that support and assist the regulated community in complying with rules and regulations in the most efficient and cost-effective manner.

Administrative Operations

Support and seek legislative and administrative policies, programs, funding and/or actions that ensure that South Coast AQMD can meet its administrative and operational needs, such as, but not limited to pensions, COVID-19, or other. including providing: 1) relief support to South Coast AQMD employees whose pension benefits were have been negatively impacted by recent legal and administrative actions; and 2) relief from the negative financial, policy and operational impacts caused by COVID-19.



South Coast Air Quality Management District

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

South Coast AQMD's Federal Legislative Guiding Principles for 2022

The following guiding principles are identified to enable South Coast AQMD to seek rules, legislative policies, and funding levels from the federal government that will assist the South Coast Air Basin in meeting the National Ambient Air Quality Standards (NAAQS) to protect public health through practical and innovative strategies.) It is critical that South Coast AQMD work with and serve as a resource to the Administration and agencies, Congress, business, environmental, health, community, and other stakeholders.

Air Quality Funding (Authorization of Program and Policies and Appropriations of Funds)

Seek funding for air quality issues through existing and new opportunities to enable the South Coast Air Basin to reach attainment of NAAQS, including heavy-, medium-, and light-duty vehicles, trucks, off-road equipment, stationary sources and supportive agency functions such as monitoring, compliance and enforcement, permitting, outreach and other essential activities. Support key programs such as, but not limited to, Clean Trucks, Ports, Targeted Airshed Grants, the Diesel Emissions Reduction Act, Subvention Funds from Clean Air Act Section 103/105, Energy Efficiency & Renewable Energy grants, and other programs including emergencies such as wildfires.

Federal Support -- Clean Air Act, NAAQS and State Implementation Plan (SIP)

Work to ensure the federal government does its fair share to reduce air pollution in the South Coast region by providing funding and administrative/regulatory support. Advocate for policies, legislation, and/or administrative efforts to:

- Provide incentive funding, policies, and require regulatory actions sufficient to, in combination with state and local actions, attain the national ambient air quality standards for ozone by 2023 and 2031 in the South Coast Air Basin, and if standards are not attained due to lack of federal actions, provide that the Basin is not punished by sanctions, fees or other penalty for failure to timely attain.
- Provide and protect state and local regulatory authority for nonattainment areas to meet NAAQS for upcoming federal deadlines, and the South Coast AQMD to implement Air Quality Management Plans (AQMP) and attain federal ozone and particulate matter standards.
- Protect science-driven and health-based determinations of NAAQS, and efforts to streamline and provide flexible implementation of SIP requirements, as needed, to ensure feasibility of attainment.

South Coast AQMD's Federal Legislative Guiding Principles for 2022

Environmental Justice

Support legislation which promotes environmental justice initiatives that will reduce localized health risks, develop clean air technologies that directly benefit disproportionately impacted communities, and enhance community participation in decision-making.

Technology Advancement

Expand funding opportunities, policies and federal tax incentives for advanced clean technology research, development, demonstration, and deployment programs, including those related to:

- Zero and near-zero emission technologies for clean vehicles (such as heavy- and medium-duty trucks, light-duty vehicles, locomotives, marine vessels, and aircraft technologies);
- Clean fuels and refueling/recharging technologies and infrastructure;
- Technologies, systems and/or processes which reduce ambient concentrations of air pollutants and/or toxic air emissions;
- Establishing programs or policies that incentivize the federal government to purchase and use advanced clean, zero and near-zero emission technologies;
- Incentivizing individuals, businesses, states, and local governments to purchase and use advanced clean, zero and near-zero emission technologies; and,
- Renewable energy and alternative energy, energy storage, microgrids and other programs, especially as related to electric and hydrogen infrastructure for transportation and emissions reductions from sources such as back-up generators.

Surface Transportation & Goods Movement

Pursue the adoption of legislation and/or policies which will reduce or eliminate air quality impacts from mobile sources with an emphasis on the goods movement sector (for both medium- and heavy-duty vehicles and trucks), as well as off-road vehicles (such as agricultural vehicles, cargo handling equipment, freight handling equipment, and construction equipment).

Marine Vessels

Pursue legislative and/or administrative policies that will further reduce marine vessel emissions and will ensure, through regulatory and/or incentive-based policies that the cleanest vessels come to U.S. ports.

Locomotives

Pursue efforts to reduce locomotive emissions, through regulatory and/or incentive-based policies.

Reduction of Toxic Emissions

Pursue efforts through legislative and administrative programs, to reduce toxic emissions, and the public's exposure to toxic emissions, within the South Coast region.

Climate Change

Seek to influence climate change initiatives and facilitate their implementation at local levels, including funding, to promote co-benefits with NAAQS and air toxics reduction, consistent with the Board's policy.

South Coast AQMD's Federal Legislative Guiding Principles for 2022

Business/Jobs

Support legislation, policies or administrative actions that support and assist the regulated community to comply with rules and regulations in the most efficient and cost-effective manner that protects and encourages job retention and creation, and promotes economic growth, while working toward attainment of clean air standards.

Administrative Operations

Ensure that South Coast AQMD can meet its administrative and operational needs related to human resources, health and safety, COVID-19 or other issues.

ATTACHMENT 3A

KADESH & ASSOCIATES

South Coast AQMD Report for the November 2021
Legislative Meeting covering October 2021
Kadesh & Associates

Last month we reported that Congress was working on several high priority items that faced imminent deadlines. That list included: a funding agreement to avoid a potential government shutdown, action to raise or suspend the debt ceiling, and the two bills that make up much of President Biden's agenda including clean air and infrastructure investments: the Senate's bipartisan Infrastructure Investment and Jobs Act (IIJA), and the Build Back Better Act (BBBA).

However, as those deadlines approached in September and October, Congress deferred or postponed each of them. In order to avoid shutting down the federal government when the fiscal year ended on September 30, the House and Senate passed a Continuing Resolution (CR) through December 3, 2021 – rather than finalizing full-year appropriations bills. Similarly, in mid-October Congress approved a short-term debt limit extension rather than addressing the debt limit for a longer period. Finally, on October 28, the House Democratic leadership queued up a short-term surface transportation extension bill to allow for further intra-party negotiations on the IIJA and BBBA.

The difficulty in this negotiating dynamic has been a lack of trust between progressives in the House and the centrist Senators who are needed to win a vote in that chamber. House Democratic progressives want the BBBA and its climate and social investments; Senators Manchin and Sinema want the IIJA and its traditional infrastructure investments. Despite President Biden and congressional leadership's efforts, neither side has the confidence to advance the others' priorities until their own priorities are addressed.

Following weeks of negotiations between the White House and House and Senate Democrats, President Biden announced in late October that agreement was near on the BBBA. Following this announcement, the House Rules Committee published a new version of the Build Back Better bill on October 28; although this version is not final, it reflects many of the House-Senate negotiations to date. Despite the significant reductions to other parts of the BBBA, clean air and climate provisions have escaped relatively unscathed and would still represent a historic investment in those areas. The latest version of the legislation includes a rewritten provision providing \$100M to cover mitigation efforts at the Salton Sea and other similarly situated water bodies, \$5B to convert Class 6 and 7 vehicles, \$3.5 billion for zero-emission equipment and technology at ports with a 25% set-aside for nonattainment areas, another \$600M for port infrastructure and supply chain resilience, \$60M for DERA projects, and \$230.5 million for air quality monitoring via grants and other activities authorized under CAA sections 102, 103, and 105. As discussed in last month's report, many of these provisions originated in the CLEAN Future Act and other legislative vehicles that South Coast AQMD has supported and discussed with the congressional delegation. Despite the recent trend of missed deadlines, the White House and Congressional leadership remain hopeful that the IIJA and BBBA will be approved in coming weeks.

KADESH & ASSOCIATES

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.

###

ATTACHMENT 3B



Carmen Group
I N C O R P O R A T E D

To: South Coast AQMD Legislative Committee

From: Carmen Group

Date: October 28, 2021

Re: Federal Update -- Executive Branch

Infrastructure and Reconciliation: On October 28, Congress moved to pass a stop-gap extension (to Dec. 3) of current surface transportation funding. This was necessary as intense deliberations in Congress among Democrats to finish work and hold a final vote on the \$1.2 trillion “Bipartisan Infrastructure Framework” could not be completed by the latest end-of-October deadline. The House Democratic Progressive caucus was holding the infrastructure bill to extract firm assurances that the separate pared-back \$1.75 trillion “Build Back Better” reconciliation bill would have enough votes to also pass both the House and the Senate. Many Democrats seemed confident both bills would eventually be passed but getting to final agreement on the reconciliation package was proving extremely difficult. The draft version of the reconciliation package, released on October 28, included \$550 billion for climate and clean energy, including provisions supported by South Coast AQMD such as electric vehicle subsidies, smart ports, and charging and fueling infrastructure, among others.

Truck Issues Meetings:

1. In October, Carmen Group arranged for South Coast AQMD senior staff to meet virtually with key regulatory and government affairs representatives of Cummins, Inc., one of the nation’s top truck engine manufacturers and a member of our business coalition group. The meeting included a candid discussion and exchange of ideas on the EPA’s pending ultra-low NOx rulemaking for heavy duty trucks, as well as an update on alternative advanced engine technology developments.
2. In addition, in October, Carmen Group helped coordinate for South Coast AQMD senior staff to participate in the next meeting of Alliance for Vehicle Efficiency’s (AVE’s) Ultra-Low NOx Working Group, expected to be widely attended and held virtually in December in conjunction with CALSTART. AVE is another member of our business coalition group.

Department of Transportation

California, USDOT Announce Partnership on Supply Chain Financing: On October 28, California Governor Newsom and the U.S. Department of Transportation (USDOT) announced “a strategic partnership to help facilitate innovative projects and financing opportunities for multi-billion infrastructure improvements in California.” The

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agreement allows California to expedite work on projects that collectively will facilitate the movement of imports and exports, protect the environment and create resilience in critical trade corridors, and improve supply chain processes, including around San Pedro Bay and the Inland Empire. Working with the Californian State Transportation Agency (CalSTA), USDOT will assist in exploring innovative financing opportunities through its main credit assistance programs, Transportation Infrastructure Finance and Innovation Act (TIFIA) and Railroad Rehabilitation and Improvement Financing (RRIF).

FTA Announces Funding Available for Access and Mobility Grants: In October, the Federal Transit Administration announced the availability of \$3.5 million in competitive grant funding for projects that improve access to vital services for older adults and people with disabilities under its Coordinated Access and Mobility (CAM) pilot program. The program supports clean public transportation projects that FTA says will especially advance the Administration’s goals to support racial equity and underserved communities through the federal government. Applications are due December 6, 2021.

Environmental Protection Agency

EPA Bus Rebate Programs Designed to Improve Air Quality: In October, the EPA announced two school bus rebate opportunities totaling \$17 million for schools and bus fleet owners to replace older, highly polluting diesel school buses. The first opportunity is the 2021 American Rescue Plan (ARP) Electric School Bus Rebates, a \$7 million pilot program reserved exclusively for school districts in underserved communities to replace diesel buses with new zero-emission electric school buses. The second opportunity is the longstanding DERA School Bus Rebates, this year offering \$10 million to help fund the replacement of diesel buses with cleaner new electric, diesel, gasoline, propane, or natural gas school buses. Both programs will select awardees through a lottery system. Applications were due November 5, 2021.

EPA Seeks Applicants for Environmental Education Grants: In October, the EPA announced the availability of up to \$3 million for locally focused grants under the Environmental Education (EE) Local Grant Program. EPA will award grants in each of EPA’s 10 Regions. Each grant will be for no less than \$50,000 and no more than \$100,000, for a total of 30-40 grants nationwide. Applications are due December 6, 2021.

EPA Now Hosting Biweekly EJ Community Engagement Calls: The EPA is inviting Environmental Justice (EJ) advocates and the public to participate in the agency’s National Environmental Justice Community Engagement Calls, now happening biweekly, to discuss all aspects of EJ at the EPA with partners and communities.

EPA Compares Air Quality Impacts of Smoke from Wildfire and Prescribed Fire: The EPA, in collaboration with the U.S. Forest Service (USFS), the Department of the Interior (DOI) and the National Institute of Standards and Technology (NIST), released a report comparing the air quality and health impacts of smoke from prescribed fire (which is a land management tool) and from wildfire. The study concluded that while both have air quality and public health impacts, those from prescribed fire are “at a much smaller scale compared to a wildfire.”

Department of Energy

Notable Appointment:

Christian Bato, *DOE Regional Intergovernmental Affairs Specialist for the Southwest* Senator Cortez-Masto staff; Biden Campaign; SEIU; from Rancho Cucamonga, CA.

DOE Announces Research Funding for EVs and Advanced Batteries: In October, the DOE announced \$209 million in funding for 26 research projects focusing on electric vehicles, advanced batteries and connected vehicles. Critical goals include significantly reducing the cost and size of next generation battery technology and advancing extreme fast-charging to allow full vehicle charges in less than 15-minutes.

DOE Invests Funds to Produce Clean Hydrogen from Nuclear Power: In October, the Department of Energy announced \$20 million in funding for an Arizona-based project to demonstrate technology that will produce clean hydrogen energy from nuclear power. The project will produce clean hydrogen from the Palo Verde nuclear power plant in Phoenix and provide insights about integrating nuclear energy with hydrogen production technologies while informing possible future clean hydrogen deployments.

DOE Invests Funds for Point-Source Carbon Capture and Storage: In October, the Department of Energy announced \$45 million in funding for 12 projects to advance point-source carbon capture and storage that can capture at least 95% of carbon dioxide (CO₂) emissions generated from natural gas power plants and industrial facilities that produce commodities like cement and steel. DOE says these research and development projects are part of “efforts to deploy a portfolio of innovative solutions to help achieve the ... Administration’s goals of net-zero carbon emissions by 2050 and a 100% clean electricity sector by 2035.”

DOE Announces New \$2.5 Million Prize to Support Diversity in Innovation: The Department of Energy has launched the new “Inclusive Energy Innovation Prize” that will award up to \$2.5 million in cash prizes to groups and organizations that support entrepreneurship and innovation in communities historically underserved in climate and energy technology funding. The program is designed to help lower barriers of entry to DOE funding opportunities for first-time applicants, people and organizations from underrepresented communities, underserved and frontline communities, and individuals from other nontraditional backgrounds. The prize is open for initial submissions through February 25, 2022.

Outreach: Contacts included representatives of our business coalition group, including Cummins, Inc., and the Alliance for Vehicle Efficiency on ultra-low NO_x and related truck emission issues; the office of the Department of Transportation deputy assistant secretary for intergovernmental affairs on port air quality issues; and Republican Senate staff on surface transportation, infrastructure, and reconciliation legislation.

###

ATTACHMENT 3C



CASSIDY | ASSOCIATES

To: South Coast Air Quality Management District
From: Cassidy & Associates
Date: October 27, 2021
Re: October Report

HOUSE/SENATE

House:

This week the House is in session and expects to consider:

- H.R. 2119 - Family Violence Prevention and Services Improvement Act
- H.R. 3992 - POJA Act
- Possible Consideration of the [Senate Amendment](#) to H.R. 3684 - Infrastructure Investment and Jobs Act
- Possible Consideration of the Build Back Better Act
- Possible Consideration of [H.R. 3992](#) - Protect Older Job Applicants Act of 2021

Earlier this month, the House passed an extension of the debt limit until December. The Appropriations/Budget process has also been punted to early December. This Sunday, the extension of the Surface Transportation Reauthorization deadline will expire unless Congress passes another short-term extension or the infrastructure package.

Senate:

The Senate is also in session and will consider the confirmation of Douglas L. Parker to be an Assistant Secretary of Labor and Myrna Perez to be a U.S. Circuit Judge for the Second Circuit.

Reconciliation negotiations continue among the White House, House Leadership, and Senate leadership with a focus on bringing moderate Democrats (most notably Senators Manchin and Sinema) to an agreement a variety of issues including state and local taxes (SALT), corporate taxation, and a clean energy tax package. They are hoping to have a framework agreed to soon and a vote as soon as this weekend, however, this is a very fluid situation with the status changing by the hour.

EPA:

On September 30, 2021, the EPA released a report comparing air quality and public health impacts from prescribed fire and wildfire smoke. In collaboration with the Forest Service (USFS), the Department of the Interior (DOI), and the National Institute of Standards and Technology (NIST), the EPA's report found that while a prescribed fire can reduce the overall size of a future wildfire and the associated smoke emissions and smoke-related health impacts, smoke is still emitted. As a result, using prescribed fire is not without risk as it can result in smoke related air quality and public health impacts, but at a much smaller scale compared to a wildfire.

Prescribed fire is a land management tool that can reduce the likelihood of catastrophic wildfires by strengthening an area's ecosystems and reducing the buildup of unwanted fuels. In January 2020, the Wildland Fire Leadership Council (WFLC), an intergovernmental committee that supports the implementation and coordination of Federal Wildland Fire Management Policy asked EPA to assess air quality and health impacts of smoke from prescribed fire compared to wildfire. The report can be found [here](#).

The EPA released their Draft Fiscal Year (FY) 2022-2026 EPA Strategic Plan and is available for public comment through November 12, 2021. The Strategic Plan communicates and provides a roadmap to achieve EPA's and the Biden-Harris Administration's priorities over the next four years. For the first time, EPA's plan includes a strategic goal focused solely on addressing climate change, as well as an unprecedented strategic goal to advance environmental justice and civil rights. The final plan will be released in February 2022. More information on the draft and how to submit comments can be found [here](#).

On October 7, 2021, the EPA published its 2021 Climate Adaptation Action Plan. The climate adaptation web page will also serve as a hub for climate resources. The Climate Adaptation Action Plan describes steps the EPA will take to address the impacts of climate change on communities across the Nation, as part of President Biden's whole-of-government approach to confronting the climate crisis. The plan and the climate adaptation resource hub can be found [here](#).

EPA Administrator Regan announced a comprehensive national strategy to address PFAS pollution on October 18, 2021. The Strategic Roadmap is centered on three guiding strategies: increase investments in research, leverage authorities to take action now to restrict PFAS chemicals from being released into the environment, and to accelerate the cleanup of PFAS contamination. The Roadmap lays out:

- Aggressive timelines to set enforceable drinking water limits under the Safe Drinking Water Act to ensure water is safe to drink in every community.
- A hazardous substance designation under CERCLA, to strengthen the ability to hold polluters financially accountable.
- Timelines for action—whether it is data collection or rulemaking—on Effluent Guideline Limitations under the Clean Water Act for nine industrial categories.
- A review of past actions on PFAS taken under the Toxic Substances Control Act to address those that are insufficiently protective.

- Increased monitoring, data collection and research so that the agency can identify what actions are needed and when to take them.
- A final toxicity assessment for GenX, which can be used to develop health advisories that will help communities make informed decisions to better protect human health and ecological wellness.
- Continued efforts to build the technical foundation needed on PFAS air emissions to inform future actions under the Clean Air Act.

Over the coming weeks, EPA will engage with a wide range of stakeholders to continue to identify collaborative solutions to the PFAS challenge, including two national webinars that will be held on [October 26](#) and [November 2](#). Webinar information and RSVP options are found in the hyperlinked dates.

Cassidy and Associates support in October:

- Tracked and advocated for key provisions in bicameral reconciliation negotiations.
 - South Coast AQMD priorities proposed to be added to the bill include funding for EV infrastructure, clean heavy duty vehicles, and environmental justice block grants.
- Tracked and advocated for key provisions in appropriations legislation.
- Participated in weekly strategy sessions and kept South Coast AQMD apprised of relevant legislative and administrative developments.

IMPORTANT LEGISLATIVE DATES

October 31, 2021

Surface transportation authorization (FAST Act) expires

December 3, 2021

Current government funding expires and the national debt limit extension ends.

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

PANDEMIC RESPONSE PROGRAMS AND AUTHORITIES

On October 20, 2021, FDA took action to expand the use of a booster dose for COVID-19 vaccines in eligible populations. The agency is amending the emergency use authorizations (EUA) for COVID-19 vaccines to allow for the use of a single booster dose as follows:

- The use of a single booster dose of the Moderna COVID-19 Vaccine that may be administered at least 6 months after completion of the primary series to individuals:
 - 65 years of age and older
 - 18 through 64 years of age at high risk of severe COVID-19
 - 18 through 64 years of age with frequent institutional or occupational exposure to SARS-CoV-2
- The use of a single booster dose of the Janssen (Johnson and Johnson) COVID-19 Vaccine may be administered at least 2 months after completion of the single-dose primary regimen to individuals 18 years of age and older.
- The use of each of the available COVID-19 vaccines as a heterologous (or “mix and match”) booster dose in eligible individuals following completion of primary vaccination with a different available COVID-19 vaccine.
- To clarify that a single booster dose of the Pfizer-BioNTech COVID-19 Vaccine may be administered at least 6 months after completion of the primary series to individuals 18 through 64 years of age with frequent institutional or occupational exposure to SARS-CoV-2.

Additional information can be found [here](#). FDA's media briefing can be accessed on FDA's [YouTube page](#).

On October 19, 2021, the FDA approved an abbreviated new drug application for [succinylcholine chloride](#) injection USP 200 mg/10 mL, which is indicated, in addition to general anesthesia, to facilitate tracheal intubation and to provide skeletal muscle relaxation during surgery or mechanical ventilation. Side effects of succinylcholine chloride injection include anaphylaxis, hyperkalemia, and malignant hyperthermia. The FDA recognizes the increased demand for certain products during the COVID-19 public health emergency, and we remain deeply committed to facilitating access to safe and effective medical products to help address critical needs of the American public.

On Tuesday October 5, the FDA issued a [safety communication](#) to alert test users, caregivers, health care personnel and the public of the potential for false positive results with certain lots of the Ellume COVID-19 Home Test due to a recently identified manufacturing issue. A “false positive” is a test result that says a person has the virus when they do not actually have it. Negative test results do not appear to be affected by the manufacturing issue. The FDA is not aware of any confirmed serious injuries or deaths related to the false positive results with the affected Ellume COVID-19 Home Tests at this time. The FDA is working with Ellume to assess

Ellume's additional manufacturing checks and other corrective steps to address the reason for the manufacturing issue and help ensure that the issue is resolved. A complete list of affected Ellume COVID-19 Home Tests can be found on [Ellume's website](#). You can read the full FDA Safety Communication by clicking [here](#).

FDA issued an emergency use authorization (EUA) for the ACON Laboratories Flowflex COVID-19 Home Test, an over-the-counter (OTC) COVID-19 antigen test, which adds to the growing list of tests that can be used at home without a prescription, on October 5, 2021. This action highlights FDA's continued commitment to increasing the availability of appropriately accurate and reliable OTC tests to meet public health needs and increase access to testing for consumers. The authorization for the ACON Laboratories Flowflex COVID-19 Home Test should significantly increase the availability of rapid, at-home tests and is expected to double rapid at-home testing capacity in the U.S. over the next several weeks. Since March 2020, FDA has authorized more than 400 COVID-19 tests and sample collection devices, including authorizations for rapid, OTC at-home tests. You can find the full press release and additional information by clicking [here](#).

Reminders:

- FDA holds weekly Virtual Town Halls on COVID Diagnostics, every Wednesday – from 12:15 to 1:15 pm ET. For more information, click [here](#).
- FDA hosts regular webinars to share information and answer your questions about respirators and other personal protective equipment (PPE). The next webinar will be held on February 23 at 12:00 pm ET. For more information, click [here](#).
- [FDA's Coronavirus Disease 2019 \(COVID-19\) webpage](#) provides the latest news and information.
- FDA's COVID-19 Vaccines webpage at www.fda.gov/covid19vaccines highlights new information as it becomes available.
- For a Vaccine Development 101 click [here](#)
- Emergency Use Authorization for Vaccines Explained can be found [here](#)
- FDA Vaccine Facts - [The Path for a COVID-19 Vaccine from Research to Emergency Use Authorization](#)
- FDA's webpage - [A Closer Look at COVID-19 Diagnostic Testing](#) - provides health care providers and other public health professionals, including those who might purchase COVID-19 tests, with more technical information and resources.

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)

ATTACHMENT 4A



Joe A. Gonsalves & Son

Anthony D. Gonsalves

Jason A. Gonsalves

Paul A. Gonsalves

PROFESSIONAL LEGISLATIVE REPRESENTATION

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Email: gonsalves@gonsalvi.com

TO: South Coast Air Quality Management District

FROM: Anthony, Jason & Paul Gonsalves

SUBJECT: Legislative Update – October 2021

DATE: Wednesday, October 27, 2021

The month of October was quiet around the Capitol as Legislators returned to their districts during the interim. Governor Newsom had until October 10, 2021 to sign all legislation sent to him. In total, the Legislature sent the Governor 836 bills, 313 Senate bills and 523 Assembly bills, of which, the Governor signed 770 into law and vetoed only 66.

There are over 1600 two-year bills that will be eligible to be heard in January when the Legislature returns on January 3, 2022. All two-year bills in their house of origin will have until the end of January 2022 to move to the other house, meaning all two-year Assembly bills must move to the Senate and two-year Senate bills must move to the Assembly. In general, bills that fail to pass out of the house of origin by the end of January become dead bills.

Mid-February 2022 will be the bill introduction deadline and we expect to have another 2000+ bills introduced. Consequently, we anticipate a very fast and furious start to next year's legislative session.

The following will provide you with updates of interest to the District:

EXECUTIVE ORDER TO HELP TACKLE SUPPLY CHAIN ISSUES

On October 20, 2021, Governor Newsom signed an executive order directing state agencies to identify additional ways to alleviate congestion at California ports. The executive order builds on earlier efforts this year by the Governor's Office of Business and Economic Development (GO-Biz) to ease supply chain issues by engaging

stakeholders along the supply chain to discuss key challenges and identify short-term and long-term solutions.

The executive order directs state agencies to continue coordinating with the Biden-Harris Administration Supply Chain Disruptions Task Force to address state, national and global supply chain challenges. The executive order also directs the Department of Finance to work with state agencies to develop longer-term solutions that support port operations and goods movement for consideration in the January 10, 2022 Governor's Budget, which may include port and transportation infrastructure improvements, electrification of the goods movement system from port to delivery, and workforce development.

Additionally, the executive order directs state agencies to identify state-owned properties and other locations that could be available to address short-term storage needs once goods are unloaded from ships; to identify priority freight routes to be considered for a temporary exemption to current gross vehicle weight limits to allow trucks to carry additional goods; and to create workforce training and education programs. AB 639's (Cervantes, 2020) implementation is also expedited through this executive order.

We will continue to keep you apprised as this issue progresses.

WAREHOUSE POLLUTION

On October 13, 2021, California Attorney General Rob Bonta and the California Air Resources Board (CARB) filed a motion to intervene in support of South Coast Air Quality Management District's (SCAQMD) rule requiring warehouses to reduce emissions from heavy-duty sources of on-road pollution that visit those warehouses.

SCAQMD's Indirect Source Rule requires existing and new warehouse facilities larger than 100,000 square feet to select from a menu of emissions-reducing activities, like purchasing zero-emission vehicles, installing air filtration systems in nearby residences, and constructing rooftop solar panels. The rule is projected to create up to \$2.7 billion in public health benefits, far outweighing industry's projected compliance costs.

Last month, the California Trucking Association filed a lawsuit challenging the rule as outside the scope of the SCAQMD's authority, preempted by federal law, and an unlawful tax. Attorney General Bonta and CARB argue that SCAQMD's Indirect Source Rule fulfills its prior commitment to control indirect source emissions from warehouses and that state and federal law provides SCAQMD with the legal authority to adopt the Indirect Source Rule. The Indirect Source Rule does not include an illegal tax and the California Trucking Association's arguments misinterpret the law.

We will continue to keep you apprised as this issue progresses.

GOVERNOR NEWSOM TO ATTEND UNITED NATIONS CLIMATE CHANGE CONFERENCE

On October 25, 2021, Governor Gavin Newsom announced that he will join global leaders at the United Nations Climate Change Conference in Glasgow, Scotland next week to highlight California's groundbreaking policies to combat the intensifying climate crisis and rally the global community to end their reliance on oil. Governor Newsom will be joined by First Partner Jennifer Siebel Newsom, senior Administration officials and state legislators.

California has become a working model for how to aggressively fight the climate crisis while bolstering the clean economy. Though California has made remarkable progress, the Governor will make the case that the state needs national and international partners to join us in committing to safeguard our future. California will bring renewable and zero-emission solutions to the global stage as climate-change fueling fossil fuels still power over 80% of the global energy system.

California's leading climate policies have seen the state exceed its 2020 climate target 4 years ahead of schedule, created 6 times more clean jobs than fossil fuel jobs, catalyzed innovation, thereby making electric vehicles California's number one export, and spurred partnerships across the United States and around the world.

Members of the delegation will attend various portions of the two-week event, which spans October 31 – November 12. The delegation includes:

- First Partner Jennifer Siebel Newsom
- Senator Josh Becker (D-Menlo Park)
- Senator Lena Gonzalez (D-Long Beach)
- Senator Robert Hertzberg (D-Van Nuys)
- Senator John Laird (D-Santa Cruz)
- Senator Bob Wieckowski (D-Fremont)
- Assembly Speaker Anthony Rendon (D-Lakewood)
- Assemblymember Isaac Bryan (D-Los Angeles)
- Assemblymember Lisa Calderon (D-Whittier)
- Assemblymember Laura Friedman (D-Glendale)
- Assemblymember Eduardo Garcia (D-Coachella)
- Assemblymember Tasha Boerner Horvath (D-Encinitas)
- Assemblymember Al Muratsuchi (D-Torrance)
- Assemblymember Luz Rivas (D-Arleta)
- Assemblymember Mark Stone (D-Scotts Valley)
- Assemblymember Christopher Ward (D-San Diego).
- Senior Climate Advisor for the Governor Lauren Sanchez
- California Environmental Protection Agency Secretary Jared Blumenfeld
- California Natural Resources Agency Secretary Wade Crowfoot
- California Department of Food and Agriculture Secretary Karen Ross
- California Air Resources Board Chair Liane Randolph

- California Energy Commission Chair David Hochschild

We will continue to keep you apprised as this issue progresses.

LEGISLATIVE DEADLINES

2021

October 10: Deadline for Governor to take action on legislation.

2022

January 1, 2022: Statutes take effect

January 3, 2022: Legislature reconvenes

January 10, 2022: Budget must be submitted by Governor

January 14, 2022: 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, 2022: 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, 2022: Last day for each house to pass bills introduced in that house in the odd-numbered year.

February 18, 2022: Last day for bills to be introduced

South Coast Air Quality Management District Legislative and Regulatory Update – October 2021

❖ Important Dates

- Jan. 1 – Statutes 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.

❖ RESOLUTE Actions on Behalf of South Coast AQMD. RESOLUTE partners David Quintana and Jarrell Cook continued their representation of SCAQMD before the State's Legislative and the Executive branch. Selected highlights of our recent advocacy include:

- Organized and orchestrated a series of meetings with Senator Lena Gonzalez and her staff to work with South Coast AQMD in the upcoming Legislative Session. During RESOLUTE's meetings, Senator Gonzalez invited SCAQMD to participate in an informational hearing that she was planning with her staff.
 - Senator Gonzalez' proposed informational hearing would address near-term emissions reduction, building on the work SCAQMD did this year to grow a coalition of ports, air districts, and private entities to obtain funding in the state budget to replace diesel trucks on the road with zero and near-zero emission vehicles.
 - This informational hearing would tentatively take place in the first quarter of 2022. However, Senator Gonzalez' staff indicated that the ongoing port congestion issue would likely be the Senator's priority. If the state saw progress on resolving the issue before the New Year, then the Senator and her staff would resume planning the informational hearing on emissions reduction.
- RESOLUTE was also able to engage Senator Gonzalez on the issues that SCAQMD was facing with the Air Resources Board. As a result of our conversation, Senator Gonzalez offered to serve as a broker between CARB and SCAQMD to help move the needle on high priority issues for the District.
 - RESOLUTE is currently working with Senator Gonzalez' staff to set up a briefing by SCAQMD staff to educate her on the needs and challenges the District is facing. We are expecting to finalize the agenda and details of the meeting in November.

❖ New Legislative Calendar Released. The [Assembly](#) and [Senate](#) have released their respective legislative calendars for the upcoming 2022 Legislative Session. Stakeholders should note that we should expect action on two-year bills and unallocated budget funds in January. Lawmakers and advocates will also have a truncated session with less time than last year to introduce and move legislation in this second year of the two-year Legislative Session.

- ❖ **Assembly Staff Returns to the Capitol; Senate Staff Remains Mostly Remote.** Per the direction of Assembly leadership, staff of the members of the Assembly have returned to work in-person in Sacramento. However, Senate leadership has maintained the semi-remote protocols that they established earlier in the year—one or more staff members rotate through the office weekly while the rest work remotely.
- ❖ **Assembly Natural Resources Committee Sets Deadline for Information on Two-Year Bills.** In early October, Chair of Assembly Natural Resources Committee Luz Rivas sent a memo to members of the Assembly with two-year bills yet to be heard by the Committee. In the memo, Chair Rivas indicated that members with pending bills must inform the Committee of their desire for a hearing by November 1st. Bills that have not been noticed to the Committee staff will not be eligible to be heard in January.
- ❖ **CA Redistricting Commission Releases Preliminary District Visualizations.** On October 27, the [California Citizen's Redistricting Commission](#) released new visualizations for the proposed new districts for [Congress](#), the [State Assembly](#), and the [State Senate](#).

Early feedback that we have gleaned from state lawmakers suggest that they are dissatisfied with these preliminary lines. Some of the newly drawn district lines expand or narrow existing districts to create new head-to-head challenges among sitting lawmakers or place them in a precarious position by changing their base of support. Based on these conversations, we are expecting pushback and grassroots campaigns to revise the Commission-drawn lines.

- ❖ **Assembly and Senate Select Committees on Ports Holding a Hearing on Port Congestion.** The Assembly and Senate Select Committees on Ports and Goods Movement will be holding a joint informational hearing on November 3, 'The Perfect Storm: California's Port Congestion and Goods Movement Crisis.'

This hearing is intended to address the increasing congestion at California's ports. The incoming container volumes have overwhelmed the Ports of Los Angeles, Long Beach, and Oakland. Patrick O'Donnell, chair of the Assembly Select Committee on Ports and Goods Movement, has taken the lead in organizing this informational hearing. O'Donnell has indicated that one of his aims in this hearing is to find solutions for the container ships that "aren't only choking our supply chain, their toxic pollutants are choking our communities." Stakeholders should expect emissions and air quality to be a component of the hearing.

RESOLUTE's team has maintained a line of communication with members of O'Donnell's staff planning the meeting and, as of the time the hearing was announced, they have indicated that they have not yet finalized the agenda or specific policy objectives they're seeking to elucidate through the informational hearing.

Governor Newsom issued an [Executive Order on October 20](#) that is aimed at relieving congestion by, in part, lifting certain regulatory restrictions, "identify[ing] priority freight routes to be considered for a temporary exemption to current gross vehicle weight limits."

- ❖ **Advisory Group Releases Climate Risk Disclosure Report.** [The California Climate Risk Disclosure Advisory Group](#) has released its report, "[Developing Climate Risk Disclosure Practices for the State of California](#)" The Group—chaired by Alicia Seiger, Managing Director at the Precourt Institute's Sustainable Finance Initiative at Stanford University and Stanford Lecturer, and Kate Gordon, former Director at the Governor's Office of Planning & Research and Senior Advisor to the Governor on Climate—was created as a follow up to Newsom's Executive Order N-19-19. In the report, the Group makes 45 recommendations for government entities attempting to incorporate climate risk into their decision-making—including drafting budgets, procurement plans, incentive programs, and other investments.

- ❖ **State Auditor Elaine Howle Retiring.** State Auditor Elaine Howle has announced that she will retire at the end of 2021. Howle has served in this role for 21 years. In recent years, California’s independent auditor has played a key role in notable issues, serving as an important, non-political check on the activities of the Legislature and regulators. For example, Howle’s office released a scathing report of the Employment Development Department’s shortcomings during the outset of the pandemic.

In February 2021, Howle’s office released a [report](#) that asserted that, according to its analysis, “CARB has done little to measure the extent to which its incentive programs lead to emissions reductions by causing individuals and businesses to acquire clean vehicles that they otherwise would not,” thereby overstating its emission reduction achievements to state lawmakers.

Howle’s audit further asserted that CARB’s lack of tracking data may mean the state will fall short of meeting its 2030 GHG reduction goals. Howle’s replacement will be chosen by Governor Newsom out of a pool of three possible replacements chosen by the Legislature.

ATTACHMENT 4C



CALIFORNIA ADVISORS, LLC

South Coast AQMD Report
California Advisors, LLC
November 12, 2021 Legislative Committee Hearing

General Update

While the Legislature has been on recess since September, Sacramento has remained active. The Governor has made several major climate related announcements over the last few weeks and various policy committees have met to hold informational hearings on topics such as port congestion and reforms at the Employment Development Department.

In late October, Governor Newsom announced that the Department of Conservation's Geologic Energy Management Division released a proposed regulation that would prohibit new wells and facilities within a 3,200-foot exclusion area – or setback – from homes, schools, hospitals, nursing homes, and other sensitive locations. It would also require pollution controls for existing wells and facilities within the same 3,200-foot setback area. The rule was in part informed by a 15-member panel of public health experts and scientists.

Governor Newsom will also join global leaders at the United Nations Climate Change Conference (COP26) in Glasgow, Scotland in early November to highlight California's policies to combat the climate change and to rally the global community with an emphasis on ending reliance on oil. Though California has made remarkable progress, the Governor will make the case that the state needs national and international partners to join in committing to safeguard the future. Newsom will be joined at the conference by a delegation that includes First Partner Jennifer Siebel Newsom, 15 state legislators, and several high-ranking department heads that will include California Air Resources Board Chair Liane Randolph.

Lastly, there have been significant conversations surrounding the ports and the problems affecting the supply chain. Newsom announced he had signed an executive order directing state agencies to identify additional ways to alleviate congestion at California ports. Specifically, the order directs state agencies to continue coordinating with the Biden-Harris Administration Supply Chain Disruptions Task Force to address state, national, and global supply chain challenges. The order also directs the Department of Finance to work with state agencies to develop longer-term solutions that support port operations and goods movement for consideration in the January 10th Governor's Budget, which may include port and transportation infrastructure improvements, electrification of the goods movement system from port to delivery, and workforce development.

A coalition of business groups sent a letter asking the Governor to declare an emergency to waive labor and environmental laws to relieve the port congestion. However, the Governor's top economic advisors, Dee Dee Myers who heads the Governor's Office of Business and Economic Development has already made a statement that the Governor does not plan on declaring a state of emergency for the ports.

Budget Update

The Legislative Analyst's Office (LAO) posted an interim update to their revenue outlook for 2021-2022. This revises the May outlook to account for the most recent revenue and economic data and then compares this update to 2021-22 budget act assumptions.

The LAO noted, "We currently project that there is a good chance that collections from the state's "big three" taxes—personal income, sales, and corporation taxes—will exceed the budget act assumption of \$170 billion in 2021-22 by at least several billion dollars." An important aspect is they estimate there will be somewhere between \$8 billion and \$30 billion in unanticipated revenue. The report suggested that the wide range stems from having much of the fiscal year still ahead which leads to greater uncertainty about how much the state will collect. However, this tracks with the Department of Finance's update from last month that stated California had already collected over \$3 billion in surplus cash.

Next month, the LAO will publish a more formal update to its multiyear revenue outlook in its annual Fiscal Outlook. That update will likely help shape preparations for Governor Newsom's January budget proposal and will spark conversations within the Legislature as they contemplate next year's priorities.

Political Update

Every 10 years, after the census information is collected, California must redraw the boundaries of its Congressional, State Senate, State Assembly, and Board of Equalization districts to correctly reflect the state's population. In 2008, California established a 14-member Commission to redraw the lines. That commission is in the early stages of redrawing the maps and recently released the "visualizations" maps. These show hypothetical district-based boundaries for limited geographic areas from the line drawers in response to preliminary direction from the Commission. These visualizations are not statewide plans and are subject to change. The Commission must release Preliminary Draft District Maps no later than November 15th.

[↑ Back to Agenda](#)

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 24

REPORT: Marine Port Committee

SYNOPSIS: The Marine Port Committee held a hybrid meeting on Friday, November 19, 2021. The following is a summary of this meeting.

RECOMMENDED ACTION:
Receive and file.

Rex Richardson, Co-Chair
Marine Port Committee

IM:rb

Committee Members

Present: Vice Mayor Rex Richardson/Co-Chair
Supervisor Lisa Bartlett
Board Member Veronica Padilla-Campos
Mayor Pro Tem Larry McCallon

Absent: Council Member Joe Buscaino/Co-Chair
Senator (Ret.) Vanessa Delgado

Call to Order

Co-Chair Richardson called the meeting to order at 1:00 p.m. Before moving to the agenda, Co-Chair Richardson stated that while he does not have a financial interest in agenda item 1, he is required to disclose that he is the Vice-Mayor of the City of Long Beach, which is involved in that item.

INFORMATIONAL ITEM:

1. Update on Ports MOU Process

Public comment on this item was taken before the staff presentation.

Raj Dhillon, Breathe Southern California, referenced a comment letter submitted by his organization along with other entities advocating for an indirect source rule (ISR) for the Ports of Los Angeles and Long Beach (the Ports). He referenced the federal loans and funding that were recently made available to the Ports and asked whether a portion of the funding would be spent on the transition from diesel to clean fuel alternatives, including building up the needed infrastructure at the port complex.

Eli Lipmen, Move LA, commented that the interim steps of implementing the goals of the 2017 Clean Air Action Plan (CAAP) Update and an annual spending plan of available funding would need to be included in a potential memorandum of understanding (MOU).

Yassi Kevezade, Sierra Club, expressed support for a Ports ISR. The Port of Long Beach (POLB) decided to spend 90 percent of the anticipated revenue from Clean Truck Fee collection on low NOx natural gas vehicles. She stated that this decision would hamper greenhouse gas (GHG) emission reductions and continue to harm port communities with high cancer risks from exposure to toxic air pollutants.

Heather Tomley, POLB, commented that, in response to the committee's request to go beyond the CAAP measures in the ongoing MOU discussion, POLB staff shared newly proposed strategies to reduce or accelerate the reductions of emissions from drayage trucks, oceangoing vessels, cargo-handling equipment, and on-dock rail with South Coast AQMD staff a few weeks ago. Strategies include near-term investments on trucks and supporting zero-emission (ZE) infrastructure. Ms. Tomley stated POLB is ready to put this proposal in writing for inclusion in a potential MOU. She further stated that an ISR approach would make it more difficult for POLB to collaborate with industry and delay emission reductions.

Jesse Marquez, Coalition for a Safe Environment, echoed support for a Ports ISR. He stated that the need stemmed from the Ports' failure in considering public comments submitted for the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA) documents for Ports projects.

Fernando Gaytan, Earth Justice, voiced support for a Ports ISR, citing the time already given to the MOU process and for the 2017 CAAP implementation, as well as port congestion and the resultant emission increases. He asked for a unified and coordinated plan to reduce port emissions with a clear timetable, metrics, and reportable outcomes. He referenced South Coast AQMD's authority to create a comprehensive plan to implement control measures for all local governments and regional agencies to bring the South Coast Air Basin into attainment.

Theral Golden, West Long Beach Association, commented that the current pace of CAAP implementation is unacceptable and that the Ports have not taken equity concerns

into the decision-making process. He stated that a regulatory approach is needed to ensure CAAP implementation in a timely manner to protect community health.

Harvey Eder, Public Solar Power Coalition, commented that clean air goals cannot be achieved with natural gas and fossil fuel. He referenced the solar new deal and urged accelerated solar conversion.

Mandeera Wijetunga, Pacific Environment, stated support for a regulatory approach. He advocated for investments in electrification and green infrastructure at the Ports from funding and revenue such as the recently adopted cargo dwell fees. He requested environmental impacts be analyzed from the newly proposed 24/7 port operations and that a potential MOU be aligned with climate goals.

Christopher Chavez, Coalition for Clean Air, expressed concerns about air pollution impacts due to port congestion and the potential turnover of drayage trucks to used diesel trucks. He suggested that the Ports were not negotiating in good faith by citing a recent Los Angeles Chamber of Commerce webinar attended by the executive directors of both ports. While supporting an ISR for both ports, Mr. Chavez suggested that the ports could be treated differently.

Christopher Cannon, Port of Los Angeles (POLA), referenced a letter sent to Board Members by POLA's executive director and stated that POLA staff is ready to work with South Coast AQMD staff for the completion of an MOU. POLA requested that, a potential MOU includes CAAP stakeholder process as part of the approval for new programs beyond CAAP and that an MOU is not carried out in parallel with ISR development. Mr. Cannon cited programs referenced in the POLA letter that are currently being pursued and stated that POLA staff are willing to work with South AQMD staff to quantify SIP credit for these measures and to reflect these programs in the MOU once they have gone through the CAAP process.

Elliot Gonzales commented on the community's knowledge of air pollution impacts and the corresponding solutions and asked Board Members to consider the community's concerns and their recommendation of a Ports ISR.

Ian MacMillan, Assistant Deputy Executive Officer/Planning, Rule Development and Area Sources, provided a status update on the Ports MOU progress since the previous committee meeting.

Co-Chair Richardson expressed appreciation for the updates on port congestion and supported efforts in building up green infrastructure at the Ports. He commented that POLB staff has brought forward emission reduction measures beyond the 2017 CAAP, while POLA staff have not done so yet. He inquired if the Ports staff sought

authorization from their respective Boards to pursue additional measures for the MOU discussion, as requested by this committee. Mr. MacMillan responded that POLB staff had discussed with their Board and communicated the proposed additional measures with South Coast AQMD verbally. He referenced the POLA letter submitted to Board Members and forwarded to staff the night before. He is not aware if POLA staff went to their Board to discuss the programs referenced in the letter.

Co-Chair Richardson asked when staff expects to receive the POLB proposal in writing. Mr. Wayne Nastri, Executive Officer, responded that a written proposal is anticipated from POLB on November 30; however, staff does not expect a more substantive proposal from POLA than what was included in the submitted letter.

Co-Chair Richardson asked if the written proposal is received by the end of November, would South Coast AQMD be on track for a fully executed MOU with POLB by the February 2022 deadline. He also asked about the parallel process for POLA. Mr. Nastri responded that once a formal POLB proposal is received, staff can then better evaluate its feasibility and effectiveness in reducing emissions, and whether additional opportunities may exist. He acknowledged that POLB's stated willingness to advance the Clean Truck Program (CTP) revenue to accelerate drayage truck turnover goes above and beyond the CAAP, as requested by the Committee. In comparison, the POLA letter offers a vague description of programs to be potentially included in an MOU. He further suggested that it is possible to bifurcate the approach for the two ports.

Co-Chair Richardson referenced the comment made by multiple speakers on POLB's proposed spending of 90 percent of anticipated CTP revenue on low NOx trucks. He stated that the proposed spending from the initial CTP revenue was for either ZE or low NOx trucks, and the actual allocation would depend on the market and truck availability. He also expressed a desire for the minimum level of ZE spending to be increased above 10 percent to get diesel trucks off the road as soon as possible while moving towards ZE.

Mayor Pro Tem McCallon commended POLB's proposal of additional measures and encouraged POLA to do the same. He supports bifurcating the efforts if POLA does not accelerate their efforts. He added that he would fully support the deployment of low NOx trucks if it better supports the goal of getting diesel trucks off the road as soon as possible.

Board Member Padilla-Campos referenced the remarks to potentially bifurcate efforts for the Ports. She asked whether a vote by the full Board would be needed for any potential change in the MOU deadline. Ms. Barbara Baird, Chief Deputy Counsel, indicated the answer is yes.

Supervisor Bartlett requested staff to attempt to get both ports to make progress. She recognized that a regulatory approach remains on the table and stated that forward movement and progress are needed from POLA. She encouraged POLA staff to accelerate the pace in MOU negotiation with South Coast AQMD staff. Co-Chair Richardson concurred.

OTHER MATTERS:

2. Other Business

There was no other business to report.

3. General Public Comment

There were no public comments to report.

4. Next Meeting Date

To be determined.

Adjournment

The meeting adjourned at 2:21 p.m.

Attachment

Attendance Record

ATTACHMENT 1

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MARINE PORT COMMITTEE MEETING**

Attendance – November 19, 2021

Senator (Ret.) Vanessa Delgado.....	South Coast AQMD Board Member
Board Member Veronica Padilla-Campos.....	South Coast AQMD Board Member
Vice Mayor Rex Richardson	South Coast AQMD Board Member
Mayor Pro Tem Larry McCallon.....	South Coast AQMD Board Member
Council Member Lisa Bartlett.....	South Coast AQMD Board Member
Gideon Krakov.....	South Coast AQMD Board Member
Genevieve Amsalem Gale	Board Consultant (Kracov)
James Dinwiddie	Board Consultant (Bartlett)
Jacob Haik	Board consultant (Buscaino)
Matthew Hamlett.....	Board Consultant (Richardson)
Amy Wong	Board Consultant (Padilla-Campos)
Ross Zelen	Board Consultant (Kracov)
Mark Abramowitz	Enviropolicy
Angie Balderas	Sierra Club
Brett Barry	Clean Energy Fuels
Christopher Cannon.....	Port of Los Angeles
Morgan Caswell.....	Port of Long Beach
Chris Chavez	Coalition for Clean Air
Joy Crose	Port of Los Angeles
Fernando Gaytan	Earthjustice
Elliot Gonzales	Public Member
Yassamin Kavezade.....	Sierra Club
Sudhir Lay	City of Long Beach
Erick Martell.....	Port of Los Angeles
Dawn McIntosh	City of Long Beach
Jacqueline Moore.....	PMSA
T. Pisano	Port of Los Angeles
Leela Rao.....	Port of Long Beach
Max Reyes	City of Los Angeles
Heather Tomley	Port of Long Beach
Mandeera Wijetunga	Pacific Environment
Raj Dhillon	Breathe Southern California
Jesse Marquez.....	Coalition for a Safe Environment
Dan McGivney	SoCalGas
Jan Victor Andasan.....	East Yard Communities for Environmental Justice
Lorraine Lundquist	LAUSD Board of Education
Thomas Jelenic	Pacific Merchant Shipping Association

Theral Golden..... West Long Beach Association
Harvey Eder..... Public Solar Power Coalition
Eli Lipmen..... Move LA
James Vernon..... Port of Long Beach
Michele Grubbs..... Pacific Merchant Shipping Association
Jenn Simmons..... Sierra Club

Barbara Baird..... South Coast AQMD Staff
Aaron Katzenstein..... South Coast AQMD Staff
Angela Kim..... South Coast AQMD Staff
Ian MacMillan..... South Coast AQMD Staff
Karin Manwaring..... South Coast AQMD Staff
Matt Miyasato..... South Coast AQMD Staff
Ron Moskowitz..... South Coast AQMD Staff
Wayne Nastri..... South Coast AQMD Staff
Sarah Rees..... South Coast AQMD Staff
Veera Tyagi..... South Coast AQMD Staff
Vicki White..... South Coast AQMD Staff
Jill Whynot..... South Coast AQMD Staff
Anissa Heard-Johnson..... South Coast AQMD Staff
Mark Henninger..... South Coast AQMD Staff
Rachel Ballon..... South Coast AQMD Staff
Debra Ashby..... South Coast AQMD Staff
Denise Peralta Gailey..... South Coast AQMD Staff

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 25

REPORT: Mobile Source Committee

SYNOPSIS: The Mobile Source Committee held a hybrid meeting on Friday, November 19, 2021. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Sheila Kuehl, Vice Chair
Mobile Source Committee

SLR:ak

Committee Members

Present: Supervisor Sheila Kuehl/Vice Chair
Supervisor Lisa Bartlett
Mayor Pro Tem Larry McCallon
Supervisor V. Manuel Perez
Mayor Pro Tem Carlos Rodriguez

Absent: Board Member Gideon Kracov/Chair

Call to Order

Vice Chair Kuehl called the meeting to order at 9:00 a.m.

INFORMATIONAL ITEM:

This item was taken out of order:

6. Public Comment Period

Harvey Eder, Public Solar Power Coalition commented on the removal of electric street cars in the past.

1. Annual Report on AB 2766 Funds from Motor Vehicle Registration Fees for FY 2019-20

Lane Garcia, Program Supervisor/Planning, Rule Development and Area Sources, presented a summary of the AB 2766 local government annual report and program implementation activities that occurred during FY 2019-20.

Mayor Pro Tem McCallon asked if any cities or counties used funds inappropriately this fiscal year. Mr. Garcia responded that incorrect project spending is exceedingly rare and most of the audit findings in the previous few reporting cycles have been centered on accounting errors, not incorrect projects.

Mayor Pro Tem Rodriguez expressed appreciation for the technical assistance and coordination provided by staff to the City of Yorba Linda, as well as the outreach to the Orange County Council of Governments.

Supervisor Kuehl asked if staff recommends highly cost-effective projects to the local government jurisdictions. Mr. Garcia answered that while staff recommends certain categories, local government jurisdictions decide on which projects to implement with the requirement that it reduces mobile source emissions or has a nexus to reducing mobile source emissions.

Mr. Eder, Public Solar Power Coalition, commented on the fuels allowable in the program and mentioned that skateboards are an efficient mode of transportation.

This item was received and filed.

WRITTEN REPORTS:

2. Rule 2305 Implementation Status Report: Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program

Supervisor Bartlett inquired about outreach for warehouses that have yet to engage with South Coast AQMD. Ian MacMillan, Assistant Deputy Executive Officer/Planning, Rule Development and Area Sources, responded that some warehouses are not subject to the rule as the warehouse buildings may be used for other purposes. Mr. MacMillan added that staff will conduct further outreach and report back to the committee.

Supervisor Bartlett asked if inspections were being conducted to verify the information the warehouse owners submitted. Mr. MacMillan responded that the Warehouse Operations Notification report is the initial report from warehouse owners. Warehouse operators would report on the operations, which would initiate onsite inspections.

Supervisor Kuehl asked about outreach, since the rule will be phased in. Mr. MacMillan stated that staff will continue robust outreach through multiple channels such as email, training, and presentations.

Mr. Eder commented on the solar industry and battery storage, and asked about the legal complaint filed on the warehouse ISR. He also commented on the backlog at the ports.

This item was received and filed.

3. Rule 2202 Activity Report: Rule 2202 Summary Status Report

This item was received and filed.

4. Monthly Report on Environmental Justice Initiatives: CEQA Document Commenting Update

This item was received and filed.

OTHER MATTERS:

5. Other Business

There was no other business to report.

7. Next Meeting Date

The next regular Mobile Source Committee meeting is scheduled for Friday, January 21, 2022.

Adjournment

The meeting adjourned at 9:35 a.m.

Attachments

1. Attendance Record
2. Rule 2305 Implementation Status Report
3. Rule 2202 Activity Report – Written Report
4. Monthly Report on Environmental Justice Initiatives: CEQA Document Commenting Update – Written Report

ATTACHMENT 1

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MOBILE SOURCE COMMITTEE MEETING**

Attendance – November 19, 2021

Supervisor Lisa Bartlett	South Coast AQMD Board Member
Supervisor Sheila Kuehl	South Coast AQMD Board Member
Mayor Pro Tem Larry McCallon	South Coast AQMD Board Member
Supervisor V. Manuel Perez	South Coast AQMD Board Member
Mayor Pro Tem Carol Rodriguez	South Coast AQMD Board Member
Genevieve Amsalem	Board Consultant (Kracov)
James Dinwiddie	Board Consultant (Bartlett)
Matthew Holder	Board Consultant (Rodriguez)
Loraine Lundquist	Board Consultant (Kuehl)
Debra Mendelsohn	Board Consultant (Rutherford)
Mark Taylor	Board Consultant (Rutherford)
Ross Zelen	Board Consultant (Kracov)
Mark Abramowitz	Hydrogen Business Council
Erin Berger	So Ca Gas
Curtis Coleman	Southern California Air Quality Alliance
Harvey Eder	Public Solar Power Coalition
Jason Henderson	CCEEB
Bill La Marr	California Small Business Alliance
Bethmarie Quiambo	Southern California Edison
David Rothbart	LACSD
John Ungvarsky	U.S. EPA
Debra Ashby	South Coast AQMD Staff
Jason Aspell	South Coast AQMD Staff
Barbara Baird	South Coast AQMD Staff
Rachel Ballon	South Coast AQMD Staff
Philip Crabbe	South Coast AQMD Staff
Lane Garcia	South Coast AQMD Staff
Sheri Hanizavareh	South Coast AQMD Staff
Anissa Heard-Johnson	South Coast AQMD Staff
Sujata Jain	South Coast AQMD Staff
Victor Juan	South Coast AQMD Staff
John Kampa	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
Matt Miyasato	South Coast AQMD Staff

Ron Moskowitz..... South Coast AQMD Staff
Wayne Natri South Coast AQMD Staff
Robert Paud..... South Coast AQMD Staff
Sarah Rees..... South Coast AQMD Staff
Lijin Sun..... South Coast AQMD Staff
Lisa Tanaka O'Malley South Coast AQMD Staff
Anthony Tang South Coast AQMD Staff
Jill Whynot..... South Coast AQMD Staff
Vicki White..... South Coast AQMD Staff
Paul Wright..... South Coast AQMD Staff



South Coast
 Air Quality Management District
 21865 Copley Drive, Diamond Bar, CA 91765
 (909) 396-2000, www.aqmd.gov

Rule 2305 Implementation Status Report:
Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program

October 1, 2021 to October 31, 2021

1. Implementation and Outreach Activities:

Activity	Past Month	Since Rule Adoption
Calls and Emails to WAIRE Program Hotline (909 396-3140) and Helpdesk (waire-program@aqmd.gov)	40	698
Views of Compliance Training Videos (outside of webinars)	89	1,170
Emails Sent with Information About WAIRE Program Resources*	1,556	~11,500
Visits to www.aqmd.gov/waire	1,267	~5,000
Presentations to Stakeholders	5**	45

**Including responses to media inquiries.*

***Including Public Access to WAIRE Program Data Working Group Meeting #1, Witten Liaison Report to the San Gabriel Valley Council of Governments (SGVCOG) Governing Board & Energy, Environment, and Natural Resources (EENR) Committee Meeting, and Verbal Reports to the South Pasadena Chamber of Commerce Legislative Affairs Committee Meeting, the SGVCOG EENR Committee Meeting, and the SFVCOG Governing Board Meeting.*

2. Highlights of Recent Compliance Activities

An introductory working group meeting was held on October 20 on how staff plans to provide public access to WAIRE Program data via the existing Facility Information Detail (F.I.N.D.) online tool. Staff presented the utility of the F.I.N.D. tool, an overview of the WAIRE program data collected or to be collected through required reporting, and next steps for the working group series. There were approximately 75 people participating in the virtual working group meeting remotely. Questions were asked about WAIRE program data and other warehouse-related information that may potentially be made available through F.I.N.D. Concerns were also expressed on releasing data that could potentially affect business competitiveness. Staff responded that additional time for discussion on business confidential data would be made available at the next working group meeting in November.

Last month, warehouse owners were required to submit the Warehouse Operations Notification (WON) through the WAIRE Program Online Portal (POP). In addition to the 2,556 warehouses for which WON reports were submitted as of September 30, additional WON reports representing approximately 50 warehouses were submitted between October 1 and October 31, including resubmissions to correct previously incomplete or inaccurate records. Staff is

continuing to process, validate, and analyze submitted data, and is concurrently reaching out to warehouse owners whose submitted reports may potentially need corrections.

Staff is also working on expanding WAIRE POP, in anticipation for the early action Annual WAIRE Report (AWR) and Initial Site Information Report (ISIR) submittals. The voluntary early action AWR submittal is due February 1, 2022, and the mandatory ISIR submittal by operators of warehouses $\geq 250,000$ square feet is due in July 2022.

3. Anticipated Activity in November and December

- WAIRE Program Data in FIND Webinar #2 – November 17, 2021
- WAIRE Program Compliance Webinar #5 – Early Action AWR Submission: tentatively mid-December 2021 (The exact meeting date will be announced at least two weeks prior to the webinar.)



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

Rule 2202 Summary Status Report Activity for January 1, 2021 – October 31, 2021

Employee Commute Reduction Program (ECRP)	
# of Submittals:	320

Emission Reduction Strategies (ERS)	
# of Submittals:	437

Air Quality Investment Program (AQIP) Exclusively		
County	# of Facilities	\$ Amount
Los Angeles	43	\$ 212,580
Orange	7	\$ 106,217
Riverside	1	\$ 20,468
San Bernardino	1	\$ 5,561
TOTAL:	52	\$ 344,826

ECRP w/AQIP Combination		
County	# of Facilities	\$ Amount
Los Angeles	0	\$ 0
Orange	1	\$ 3,192
Riverside	0	\$ 0
San Bernardino	0	\$ 0
TOTAL:	1	\$ 3,192

Total Active Sites as of October 31, 2021

ECRP (AVR Surveys)			TOTAL Submittals w/Surveys	AQIP	ERS	TOTAL
ECRP ¹	AQIP ²	ERS ³				
498	8	138	644	105	566	1,315
37.87%	0.61%	10.49%	48.97%	7.98%	43.05%	100% ⁴

Total Peak Window Employees as of October 31, 2021

ECRP (AVR Surveys)			TOTAL Submittals w/Surveys	AQIP	ERS	TOTAL
ECRP ¹	AQIP ²	ERS ³				
388,525	2,600	60,711	451,836	15,414	211,252	678,502
57.26%	0.38%	8.95%	66.59%	2.27%	31.14%	100% ⁴

- Notes:**
1. ECRP Compliance Option.
 2. ECRP Offset (combines ECRP w/AQIP). AQIP funds are used to supplement the ECRP AVR survey shortfall.
 3. ERS with Employee Survey to get Trip Reduction credits. Emission/Trip Reduction Strategies are used to supplement the ECRP AVR survey shortfall.
 4. Totals may vary slightly due to rounding.

BOARD MEETING DATE: December 3, 2021

AGENDA NO.

REPORT: Lead Agency Projects and Environmental Documents Received

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

COMMITTEE: Mobile Source, November 19, 2021, Reviewed

RECOMMENDED ACTION:
Receive and file.

Wayne Natri
Executive Officer

SR:SN: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 October 1, 2021 to October 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 August and September reporting periods is included as Attachment B. A total of 67 CEQA documents were received during this reporting period and 15 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 October 1, 2021 to October 31, 2021, South Coast AQMD received 67 CEQA documents. Of the 84 documents listed in Attachments A and B:

- 15 comment letters were sent;
- 46 documents were reviewed, but no comments were made;
- 23 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 October 1, 2021 to October 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 October.

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

DRAFT

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

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Warehouse & Distribution Centers RVC211001-03 Compass Danbe Centerpointe Project#	Staff provided comments on the Mitigated Negative Declaration for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/august/RVC210729-01.pdf . The project consists of construction of two warehouses totaling 389,603 square feet on 17.7 acres. The project is located on the southeast corner of Alessandro Boulevard and Frederick Street. Reference RVC210729-01 Comment Period: N/A Public Hearing: 10/19/2021	Response to Comments	City of Moreno Valley	** Under review, may submit written comments
Warehouse & Distribution Centers RVC211005-07 Plot Plan No. 210130	The project consists of construction of a 239,208 square foot warehouse on 15.2 acres. The project is located on the northeast corner of Oleander Avenue and Decker Road in the community of Mead Valley. Comment Period: 9/27/2021 - 10/7/2021 Public Hearing: 10/7/2021	Site Plan	County of Riverside	Document reviewed - No comments sent for this document received
Warehouse & Distribution Centers RVC211007-02 MA21235	The project consists of construction of a 72,288 square foot warehouse on 3.8 acres. The project is located at 2780 Rubidoux Boulevard on the northeast corner of Rubidoux Boulevard and 28th Street. Comment Period: 10/7/2021 - 10/21/2021 Public Hearing: 10/21/2021	Site Plan	City of Jurupa Valley	Document reviewed - No comments sent for this document received
Warehouse & Distribution Centers RVC211012-02 Havana Investment Industrial Project	The project consists of construction of a 72,288 square foot warehouse on 3.8 acres. The project is located at 2780 Rubidoux Boulevard on the northeast corner of Rubidoux Boulevard and 28th Street. Reference RVC211007-02 Comment Period: 10/7/2021 - 10/21/2021 Public Hearing: 10/21/2021	Site Plan	City of Jurupa Valley	Document reviewed - No comments sent for this document received

*Sorted by Land Use Type (in order of land uses most commonly associated with air quality impacts), followed by County, then date received.

- Project has potential environmental justice concerns due to the nature and/or location of the project.

** Disposition may change prior to Governing Board Meeting

Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

A-1

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

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Warehouse & Distribution Centers RVC211012-07 Heacock Commerce Center Project	The project consists of construction of two warehouses totaling 873,967 square feet on 46.02 acres. The project is located on the southeast corner of Gentian Avenue and Heacock Street. Comment Period: 10/7/2021 - 11/8/2021 Public Hearing: 10/20/2021	Notice of Preparation	City of Moreno Valley	** Under review, may submit written comments
Warehouse & Distribution Centers RVC211019-11 Moreno Valley Trade Center#	Staff provided comments on the Draft Environmental Impact Report for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/july/RVC210601-04.pdf . The project consists of construction of a 1,328,853 square foot warehouse on 72.5 acres. The project is located on the southwest corner of Eucalyptus Avenue and Redlands Boulevard. Reference RVC210601-04 and RVC200317-01 Comment Period: N/A Public Hearing: 10/28/2021	Final Environmental Impact Report	City of Moreno Valley	Document reviewed - No comments sent for this document received
Warehouse & Distribution Centers RVC211021-01 Rubidoux Commerce Park#	The project consists of construction of two warehouses totaling 1,299,358 square feet on 81.3 acres. The project is located on the southeast corner of Montana Avenue and 25th Street. Reference RVC201201-05 and RVC190903-14 Comment Period: 10/15/2021 - 11/29/2021 Public Hearing: N/A	Notice of Availability of a Draft Environmental Impact Report	City of Jurupa Valley	** Under review, may submit written comments
Warehouse & Distribution Centers RVC211026-03 First Industrial Warehouse 2 at Wilson Avenue Project	The project consists of construction of a 154,558 square foot warehouse on 9.7 acres. The project is located near the southeast corner of Wilson Avenue and East Rider Street. Reference RVC200923-02 Comment Period: 10/27/2021 - 11/29/2021 Public Hearing: N/A	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Perris	** Under review, may submit written comments

- Project has potential environmental justice concerns due to the nature and/or location of the project.

** Disposition may change prior to Governing Board Meeting

Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

A-2

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

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Airports</i> SBC211021-02 Ontario International Airport South Airport Cargo Center Project#	The project consists of construction of a 345,400 square foot building, a 104,300 square foot parking structure, and a 217,000 square foot truck yard facility with 43 trailer parking spaces. The project also includes modernization of a 2,600,000 square foot aircraft apron with 23 aircraft parking spaces on 76 acres. The project is located near the northwest corner of East Avion Street and Tower Drive in the City of Ontario. Comment Period: 10/15/2021 - 11/15/2021 Public Hearing: 11/10/2021	Notice of Preparation	Ontario International Airport Authority	** Under review, may submit written comments
<i>Industrial and Commercial</i> LAC211014-02 World Oil Tank Installation Project#	The project consists of construction of two 25,000 barrel crude oil storage tanks and 40 linear feet of petroleum pipelines on six acres. The project is located at 1405 Pier C Street near the northwest corner of Pico Avenue and Pier C Street within Port of Long Beach in the designated AB 617 Wilmington, Carson, West Long Beach community. Reference LAC201007-01 Comment Period: N/A Public Hearing: 10/28/2021	Notice of Intent to Adopt a Final Negative Declaration	City of Long Beach Harbor Department	Document reviewed - No comments sent for this document received
<i>Industrial and Commercial</i> LAC211015-03 ENV-2021-4281: Lillian Office	The project consists of construction of a 30,385 square foot office building with subterranean parking on 20,258 square feet. The project is located at 711 North Lillian Way near the northwest corner of North Lillian Way and Melrose Avenue in the community of Hollywood. Comment Period: 10/14/2021 - 11/3/2021 Public Hearing: N/A	Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
<i>Industrial and Commercial</i> LAC211019-09 8730 Sunset Boulevard and Facade Remodel Project	The project consists of construction of a digital display billboard 82 feet in height and 33 feet in width. The project is located on the southeast corner of Sunset Boulevard and Sherbourne Drive. Comment Period: 10/14/2021 - 11/3/2021 Public Hearing: 11/4/2021	Notice of Intent to Adopt a Negative Declaration	City of West Hollywood	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.
** Disposition may change prior to Governing Board Meeting
Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

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

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Industrial and Commercial</i> RVC211001-06 MA21131	The project consists of construction of three industrial buildings totaling 327,068 square feet on 18.7 acres. The project is located on the southeast corner of Serrano Drive and San Savaine Way. Reference RVC160713-04 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/RVC211001-06%20.pdf Comment Period: 9/30/2021 - 10/29/2021 Public Hearing: N/A	Notice of Intent to Adopt a Supplemental Mitigated Negative Declaration	City of Jurupa Valley	South Coast AQMD staff commented on 10/12/2021
<i>Industrial and Commercial</i> RVC211005-14 Desert Flower Farms Project	The project consists of construction of a 12,052 square foot industrial building for cannabis manufacturing and distribution on 0.46 acres. The project is located near the southeast corner of McLane Street and 19th Avenue. Comment Period: 10/1/2021 - 10/20/2021 Public Hearing: 11/10/2021	Notice of Intent to Adopt a Negative Declaration	City of Palm Springs	Document reviewed - No comments sent for this document received
<i>Industrial and Commercial</i> SBC211012-05 Kendall Truck Terminal for Overflow Trailer Truck Parking	The project consists of construction of a truck yard facility with 207 trailer parking spaces on seven acres. The project is located near the southwest corner of Cajon Boulevard and Kendall Drive in the City of San Bernardino. Reference SBC210622-05 Comment Period: 10/12/2021 - 11/5/2021 Public Hearing: N/A	Notice of Intent to Adopt a Mitigated Negative Declaration	County of San Bernardino	** Under review, may submit written comments
<i>Industrial and Commercial</i> SBC211026-02 First Student School Bus Yards Project	The project consists of construction of 21,870 square feet of commercial buildings and two school bus storage yards with 236 spaces on 5.4 acres. The project includes two sites: 1) Key Street Site located at 2001 West Key Street on the northeast corner of Key Street and Security Avenue and 2) Main Street Site located at 111 North Main Street on the northwest corner of Main Street and Placentia Lane. Reference SBC210525-04 Comment Period: 10/26/2021 - 12/9/2021 Public Hearing: N/A	Notice of Availability of a Draft Environmental Impact Report	City of Colton	** Under review, may submit written comments

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

A-4

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

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Industrial and Commercial SBC211026-05 Angelus Block Co., Inc. Concrete Block Manufacturing Facility	The project consists of construction of a 189,547 square foot building on 29.37 acres. The project is located near the northeast corner of Fortuna Way and Industrial Drive. Comment Period: 10/25/2021 - 11/13/2021 Public Hearing: N/A	Mitigated Negative Declaration	City of Rialto	Document reviewed - No comments sent for this document received
Waste and Water-related LAC211001-05 Quemetco, Inc.#	The project consists of appeals of temporary authorization for modifications to an existing hazardous waste facility permit to install a compression auger and a centrifuge to improve dewatering of battery wrecker material. The project is located at 720 South Seventh Avenue near the northeast corner of South Seventh Avenue and Salt Lake Avenue in the City of Industry. Reference LAC210907-04, LAC210907-03, LAC210427-09, LAC210223-04, LAC210114-07, LAC191115-02, and LAC180726-06 Comment Period: 9/17/2021 - 10/29/2021 Public Hearing: N/A	Temporary Authorization Appeal	Department of Toxic Substances Control	Document reviewed - No comments sent for this document received
Waste and Water-related LAC211005-03 Garvey Avenue Grade Separation Drainage Improvement Project	The project consists of construction of stormwater catch basins, underground infiltration system, and a 30 inch pump stormwater discharge line to reduce flood risk. The project is located near the northwest corner of Interstate 10 and Garvey Avenue. Comment Period: 9/30/2021 - 11/29/2021 Public Hearing: N/A	Mitigated Negative Declaration	City of El Monte	Document reviewed - No comments sent for this document received
Waste and Water-related LAC211008-01 Cal Water Well and Water Treatment Plan	The project consists of construction of a groundwater well 1,010 feet in depth with a capacity of 1,500 gallons per minute, 4,470 linear feet of water pipelines ranging from eight inches to 12 inches in diameter, a 230 kilowatt generator, a 1,000 gallon diesel tank, and a 7,700 square foot structure on 16,268 square feet. The project is located at 6157 Long Beach Boulevard near the southwest corner of North Long Beach Boulevard and West Barclay Street in the designated AB 617 Wilmington, Carson, West Long Beach community. Comment Period: 10/8/2021 - 11/8/2021 Public Hearing: N/A	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Long Beach	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.
** Disposition may change prior to Governing Board Meeting
Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.
A-5

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

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Waste and Water-related LAC211019-01 Former Soco-Lynch Facility	The project consists of development of cleanup actions to remediate soil, soil vapor, and groundwater contaminated with volatile organic compounds, and installation of soil vapor extraction and vapor intrusion mitigation systems on 3.3 acres. The project is located at 3270 East Washington Boulevard on the northeast corner of East Washington Boulevard and South Downey Road in the City of Vernon within the designated AB 617 East Los Angeles, Boyle Heights, West Commerce and Southeast Los Angeles communities. Comment Period: 10/19/2021 - 11/19/2021 Public Hearing: 11/3/2021	Draft Feasibility Study and Remedial Action Plan	Department of Toxic Substances Control	** Under review, may submit written comments
Waste and Water-related LAC211019-02 World Oil Terminals - Vernon	The project consists of modifications to an existing hazardous waste facility permit to update emergency contact information. The project is located at 3650 East 26th Street on the southeast corner of East 26th Street and South Downey Road in the City of Vernon within the designated AB 617 East Los Angeles, Boyle Heights, West Commerce and Southeast Los Angeles communities. Reference LAC201110-09, LAC190919-04, and LAC180515-07 Comment Period: N/A Public Hearing: N/A	Permit Modification	Department of Toxic Substances Control	Document reviewed - No comments sent for this document received
Waste and Water-related LAC211019-04 Former Olympic Manufactured Gas Plant Site	The project consists of development of cleanup actions to excavate, remove, and dispose 719 cubic yards of soil contaminated with polycyclic aromatic hydrocarbons, and a land use covenant to prohibit future sensitive land uses on 16.22 acres. The project is located at 2424 East Olympic Boulevard near the southeast corner of East Olympic Boulevard and South Santa Fe Avenue in the City of Los Angeles within the designated AB 617 East Los Angeles, Boyle Heights, West Commerce community. Reference LAC161025-04 and LAC140220-01 Comment Period: 10/8/2021 - 11/19/2021 Public Hearing: N/A	Draft Removal Action Workplan	Department of Toxic Substances Control	Document reviewed - No comments sent for this document received
Waste and Water-related LAC211019-07 Pacific Resource Recovery Services	The project consists of renewal of an existing hazardous waste facility permit to continue existing industrial waste management operations, construction of additional container storage space, and inclusion of additional waste codes on 20 acres. The project is located at 3150 East Pico Boulevard on the southwest corner of East Pico Boulevard and South Ezra Street in the City of Los Angeles within the designated AB 617 East Los Angeles, Boyle Heights, West Commerce community. Reference LAC190614-01, LAC180315-07, LAC150122-10, LAC140211-08, and LAC120529-02 Comment Period: N/A Public Hearing: 11/3/2021	Permit Modification	Department of Toxic Substances Control	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.
** Disposition may change prior to Governing Board Meeting
Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.
A-6

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

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Waste and Water-related LAC211019-13 Veolia ES Technical Solutions, LLC	The project consists of modifications to an existing hazardous waste facility permit to conduct containment coating and lining maintenance activities, and a request for temporary authorization to allow storage of additional hazardous waste materials and extension of storage period. The project is located at 1704 West First Street near the southwest corner of South Motor Avenue and West First Street in the City of Azusa. Reference LAC210914-04, LAC201124-10, and LAC191219-05 Comment Period: N/A Public Hearing: N/A	Permit Modification	Department of Toxic Substances Control	** Under review, may submit written comments
Waste and Water-related LAC211026-07 SBD Real Estate Four, LLC	The project consists of development of cleanup actions to excavate, remove, and dispose top 24 inches of soil contaminated with volatile organic compounds, and installation of a soil vapor barrier on 0.28 acres. The project is located at 1341 West Gardena Boulevard near the northeast corner of West Gardena Boulevard and Normandie Avenue in the City of Gardena. Comment Period: 10/22/2021 - 11/24/2021 Public Hearing: N/A	Draft Removal Action Workplan	Department of Toxic Substances Control	** Under review, may submit written comments
Waste and Water-related LAC211028-04 La Mirada High School Modernization	The project consists of development of cleanup actions to excavate, remove, and dispose 224 cubic yards of soil contaminated with arsenic on 8.3 acres. The project is located at 13520 Adelfa Drive on the southwest corner of Foster Road and Adelfa Drive in the City of La Mirada. Reference LAC200507-05 Comment Period: 11/1/2021 - 12/3/2021 Public Hearing: N/A	Draft Removal Action Workplan	Department of Toxic Substances Control	** Under review, may submit written comments
Waste and Water-related RVC211001-08 Ion Exchange Treatment Plant 7991 Replacement Project	Staff provided comments on the Mitigated Negative Declaration for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/september/RVC210824-04.pdf . The project consists of construction of a groundwater treatment system with a capacity of 2,000 gallons per minute, an adsorption treatment system, sulfuric acid and caustic soda systems, pre-filters, and well pumps. The project is located near the northwest corner of Hammond Road and Johnson Street in the community of Mecca within Riverside County. The project is also located in the designated AB 617 Eastern Coachella Valley community. Reference RVC210824-04 Comment Period: N/A Public Hearing: N/A	Response to Comments	Coachella Valley Water District	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.
** Disposition may change prior to Governing Board Meeting
Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

A-7

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

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Waste and Water-related RVC211005-04 Booster Station 5513W/5514 Improvements and Reservoir 5514-2 Construction Project	The project consists of construction of a water storage tank with a capacity of 500,000 gallons and 600 linear feet of pipelines eight inches in diameter on five acres. The project is located on the northwest corner of Thunderbird Road and Pecos Road in the City of Rancho Mirage. Comment Period: 9/29/2021 - 10/29/2021 Public Hearing: 12/7/2021	Notice of Intent to Adopt a Mitigated Negative Declaration	Coachella Valley Water District	Document reviewed - No comments sent for this document received
Waste and Water-related RVC211005-05 Airport Boulevard Sewer Consolidation Project	The project consists of construction of a sewer lift station with a capacity of 150 gallons per minute and 17,700 linear feet of sewer pipelines ranging from six inches to 10 inches in diameter on 2.9 acres. The project is located on the southwest corner of Airport Boulevard and Pierce Street in the community of Thermal within Riverside County. The project is also located in the designated AB 617 Eastern Coachella Valley community. Comment Period: 9/29/2021 - 10/29/2021 Public Hearing: 12/7/2021	Notice of Intent to Adopt a Mitigated Negative Declaration	Coachella Valley Water District	Document reviewed - No comments sent for this document received
Waste and Water-related RVC211005-06 Reservoirs 4711-3 and 4711-4 Project	The project consists of demolition of two 100,000 gallon water storage tanks and construction of two 1,000,000 gallon water storage tanks on 3.67 acres. The project is located near the northwest corner of 30th Avenue and Sunny Rock Road in the community of Indio Hills within Riverside County. Comment Period: 9/29/2021 - 10/29/2021 Public Hearing: N/A	Notice of Intent to Adopt a Mitigated Negative Declaration	Coachella Valley Water District	Document reviewed - No comments sent for this document received
Waste and Water-related RVC211005-13 Avenue 66 Trunk Sewer Project	The project consists of construction of a sewer lift station with a capacity of 84,400 gallons per day and 19,625 linear feet of sewer pipelines ranging from six inches to 10 inches in diameter on three acres. The project is located along Avenue 66 between Polk Street and Harrison Street in the community of Thermal within Riverside County. The project is also located in the designated AB 617 Eastern Coachella Valley community. Comment Period: 10/1/2021 - 10/20/2021 Public Hearing: 11/9/2021	Notice of Intent to Adopt a Mitigated Negative Declaration	Coachella Valley Water District	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.
** Disposition may change prior to Governing Board Meeting
Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

A-8

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

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Waste and Water-related RVC211021-04 Etiwanda Intervalley Water Quality and Water Resiliency Project	The project consists of construction of 70,420 linear feet of water pipelines ranging from 20 inches to 36 inches in diameter, water wells, storage reservoirs, and hydroelectric generating facilities. The project is located on the southwest corner of Interstate 210 and Interstate 15 and traverses through cities of Jurupa Valley, Fontana, and Rancho Cucamonga. Comment Period: 10/22/2021 - 11/22/2021 Public Hearing: 12/13/2021	Notice of Intent to Adopt a Mitigated Negative Declaration	Jurupa Community Services District	Document reviewed - No comments sent for this document received
Waste and Water-related SBC211019-12 Aerojet Chino Hills	The project consists of development of cleanup actions to remediate soil and groundwater contaminated with residual munitions and explosives on 800 acres. The project is located at 3100 Woodview Road near the northeast corner of Woodview Road and Soquel Canyon Road in the City of Chino Hills. Reference SBC171121-01, SBC160518-02, and SBC160329-03 Comment Period: 10/13/2021 - 11/12/2021 Public Hearing: N/A	Statement of Basis and CEQA Initial Study	Department of Toxic Substances Control	** Under review, may submit written comments
Utilities ODP211012-03 Vandenberg Offshore Wind Energy Projects	The project consists of construction of eight floating wind turbines with a combined capacity of 100 megawatts and infrastructure. The project is located offshore three nautical miles west of the Vandenberg State Marine Reserve in Santa Barbara County. Reference ODP210720-01 Comment Period: N/A Public Hearing: 10/21/2021	Final Preliminary Environmental Assessment	California State Lands Commission	Document reviewed - No comments sent for this document received
Transportation LAC211014-01 Port of Long Beach Deep Draft Navigation Study	The project consists of construction of anchorage area, turning basin, and infrastructure to improve navigation flow and safety for liquid bulk vessel operations. The project is located in federal portions of Pier J and Pier T on the southeast corner of Seaside Freeway and Navy Way within the Port of Long Beach in the designated AB 617 Wilmington, Carson, West Long Beach community. Reference LAC191101-07, LAC190201-09, LAC161103-03, and LAC160105-02 Comment Period: 10/8/2021 - 11/8/2021 Public Hearing: N/A	Notice of Availability of a Final Integrated Feasibility Report/Final Environmental Impact Statement/ Environmental Impact Report	United States Department of the Army, Army Corps of Engineers	** Under review, may submit written comments

- Project has potential environmental justice concerns due to the nature and/or location of the project.
** Disposition may change prior to Governing Board Meeting
Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.
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**ATTACHMENT A
INCOMING CEQA DOCUMENTS LOG
October 1, 2021 to October 31, 2021**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Transportation RVC211001-07 Ethanac Road Bridge Project	The project consists of construction of a 450 linear foot bridge 114 feet in width with four lanes and 1,165 linear feet of road improvements on nine acres. The project is located along Ethanac Road between River Road and Watson Road. Comment Period: 9/29/2021 - 10/28/2021 Public Hearing: N/A	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Perris	Document reviewed - No comments sent for this document received
Institutional (schools, government, etc.) LAC211005-02 Rise Kohyang Middle School	The project consists of construction of a 69,200 square foot school facility with subterranean parking to accommodate 450 students on one acre. The project is located on the northwest corner of West Olympic Boulevard and South Beacon Avenue in the community of Westlake South within the City of Los Angeles. Comment Period: 9/30/2021 - 10/30/2021 Public Hearing: 10/12/2021	Notice of Intent to Adopt a Mitigated Negative Declaration	Los Angeles Unified School District	Document reviewed - No comments sent for this document received
Institutional (schools, government, etc.) LAC211019-05 Malibu Middle and High School Campus Specific Plan	The project consists of demolition of 154,904 square feet of existing buildings and construction of 395,930 square feet of school facilities on 9.9 acres. The project is located at 30215 Morning View Drive near the southeast corner of Via Cabrillo and Morning View Drive in the City of Malibu. Reference LAC200820-01 Comment Period: 10/15/2021 - 11/29/2021 Public Hearing: 11/2/2021	Notice of Availability of a Draft Environmental Impact Report	Santa Monica-Malibu Unified School District	** Under review, may submit written comments
Institutional (schools, government, etc.) ORC211001-01 The Hub Fullerton Project	Staff provided comments on the Mitigated Negative Declaration for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/september/ORC210824-07.pdf . The project consists of demolition of 55,332 square feet of existing structures, and construction of 420 student housing units totaling 640,667 square feet on 3.55 acres. The project is located on the northeast corner of North Commonwealth Avenue and East Chapman Avenue. Reference ORC210824-07 Comment Period: N/A Public Hearing: 11/2/2021	Response to Comments	City of Fullerton	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.
** Disposition may change prior to Governing Board Meeting
Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.
A-10

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

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Institutional (schools, government, etc.)</i> SBC211019-08 Sports Facilities Lighting as Six High Schools	The project consists of construction of 161 light poles ranging from 50 feet to 90 feet in height. The project includes six sites: 1) Arroyo Valley High School Site located at 1881 West Base Line Street on the southwest corner of West Base Line Street and North Madison Street, 2) Cajon High School Site located at 1200 West Hill Drive on the northwest corner of West Hill Drive and Mountain Drive, 3) Indian Spring High School Site located at 650 North Del Rosa Drive on the northwest corner of North Del Rosa Drive and Sixth Street, 4) Pacific High School Site located at 1020 Pacific Street on the northeast corner of Pacific Street and Perris Hill Park Road, 5) San Bernardino High School Site located at 1850 North E Street on the southwest corner of North E Street and West 20th Street in the designated AB 617 San Bernardino, Muscoy community, and 6) San Geronio High School Site located at 2299 Pacific Street on the southwest corner of Pacific Street and Arden Avenue. Comment Period: 10/14/2021 - 11/12/2021 Public Hearing: 12/14/2021	Mitigated Negative Declaration	San Bernardino City Unified School District	** Under review, may submit written comments
<i>Medical Facility</i> LAC211020-01 GenevaCho Neurological Medical Center	The project consists of modernization of an existing 141,164 square foot medical building and construction of 40 senior living units totaling 30,000 square feet on 2.24 acres. The project is located at 3160 West Geneva Street on the southwest corner of West Geneva Street and South Commonwealth Avenue in the community of Wilshire. Comment Period: 10/21/2021 - 11/22/2021 Public Hearing: N/A	Mitigated Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
<i>Medical Facility</i> ORC211005-08 Applied Medical Expansion and Bridge	The project consists of construction of a 13,253 square foot bridge and 33,931 square feet to be added to an existing building on a 3.5 acre portion of 12.9 acres. The project is located at 20202 Window Drive on the northwest corner of Rancho Parkway and Hermana Circle. Comment Period: 10/4/2021 - 11/2/2021 Public Hearing: 12/9/2021	Mitigated Negative Declaration	City of Lake Forest	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.
** Disposition may change prior to Governing Board Meeting
Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.
A-11

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

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Retail</i> ORC211026-06 Tentative Parcel Map No. 2021-192	The project consists of modification of retail uses for an existing 785 square foot building on 0.46 acres. The project is located at 1062 Irvine Boulevard near the northeast corner of Irvine Boulevard and Old Irvine Boulevard. Comment Period: 10/21/2021 - 11/5/2021 Public Hearing: N/A	Site Plan	City of Tustin	Document reviewed - No comments sent for this document received
<i>Retail</i> ORC211028-03 DisneylandForward Project	The project consists of construction of 650,000 square feet of retail uses, 675,000 square feet of office uses, 5,930,000 square feet of theme park uses, 7,452 hotel rooms, and 51,630 parking spaces on 1,078 acres. The project is located on the southwest corner of Interstate 5 and Ball Road. Comment Period: 10/28/2021 - 11/29/2021 Public Hearing: 11/4/2021	Notice of Preparation	City of Anaheim	** Under review, may submit written comments
<i>Retail</i> RVC211015-02 Pennsylvania Mart	The project consists of construction of a 1,292 square foot restaurant, a 3,400 square foot convenience store, a 2,295 square foot car wash facility, and a gasoline service station with 12 pumps on 1.2 acres. The project is located on the northwest corner of Interstate 10 and Pennsylvania Avenue. Reference RVC210611-01, RVC200901-14, RVC200303-07, and RVC190710-01 Comment Period: 10/15/2021 - 11/18/2021 Public Hearing: 11/18/2021	Site Plan	City of Beaumont	Document reviewed - No comments sent for this document received
<i>Retail</i> RVC211028-02 Beyond Food Mart at Jackson Avenue	The project consists of construction of a 7,274 square foot convenience store, a 1,893 square foot car wash facility, a gasoline service station with 16 pumps, and a 4,205 square foot fueling canopy on a 2.4 acre portion of 4.7 acres. The project is located on the northeast corner of Jackson Avenue and Murrieta Hot Springs. Comment Period: 10/26/2021 - 11/25/2021 Public Hearing: N/A	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Murrieta	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.
** Disposition may change prior to Governing Board Meeting
Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.
A-12

**ATTACHMENT B
ONGOING ACTIVE PROJECTS FOR WHICH SOUTH COAST AQMD HAS
OR IS CONTINUING TO CONDUCT A CEQA REVIEW**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Goods Movement LAC210916-02 Terminal Way Chassis Support Facility Project	The project consists of construction of a 2,900 square foot office and a chassis storage facility with a capacity of storing 5,240 chassis on 13.5 acres. The project is located at 740 Terminal Way on the northwest corner of Terminal Way and Ferry Street within the Port of Los Angeles in the designated AB 617 Wilmington, Carson, West Long Beach community. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/LAC210916-02.pdf Comment Period: 9/16/2021 - 10/15/2021 Public Hearing: N/A	Notice of Intent to Adopt a Negative Declaration	City of Los Angeles Harbor Department	South Coast AQMD staff commented on 10/14/2021
Warehouse & Distribution Centers LAC210819-12 Prologis Vermont and Redondo Project	The project consists of construction of a 340,298 square foot warehouse on 16 acres. The project is located on the northwest corner of Orchard Avenue and Redondo Beach Boulevard in the community of Harbor Gateway. Reference LAC200211-04 and LAC171201-01 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/LAC210819-12.pdf Comment Period: 8/19/2021 - 10/4/2021 Public Hearing: N/A	Notice of Availability of a Draft Environmental Impact Report	City of Los Angeles	South Coast AQMD staff commented on 10/1/2021
Warehouse & Distribution Centers RVC210921-13 Ethanac and Barnett Warehouse	The project consists of construction of a 253,050 square foot warehouse on 13.89 acres. The project is located on the southwest corner of Ethanac Road and Barnett Road. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/RVC210921-13.pdf Comment Period: 9/21/2021 - 10/14/2021 Public Hearing: N/A	Site Plan	City of Menifee	South Coast AQMD staff commented on 10/12/2021
Industrial and Commercial RVC210921-09 Beaumont Summit Station#	The project consists of construction of 2,557,465 square feet of warehouse uses, a 100,000 square foot hotel with 220 rooms, 100,000 square feet of commercial uses, and 30.6 acres of open space on 188 acres. The project is located on the southeast corner of Interstate 10 and Cherry Valley Boulevard. Reference RVC210825-01 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/RVC210921-09.pdf Comment Period: 9/22/2021 - 10/22/2021 Public Hearing: 10/7/2021	Notice of Preparation	City of Beaumont	South Coast AQMD staff commented on 10/12/2021
Industrial and Commercial RVC210928-02 MA21249	The project consists of construction of six industrial buildings totaling 308,004 square feet on 7.1 acres. The project is located on the northwest corner of Riverside Drive and Wineville Road. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/RVC210928-02.pdf Comment Period: 7/22/2021 - 10/12/2021 Public Hearing: N/A	Site Plan	City of Jurupa Valley	South Coast AQMD staff commented on 10/12/2021

- Project has potential environmental justice concerns due to the nature and/or location of the project.
** Disposition may change prior to Governing Board Meeting

B-2

**ATTACHMENT B
ONGOING ACTIVE PROJECTS FOR WHICH SOUTH COAST AQMD HAS
OR IS CONTINUING TO CONDUCT A CEQA REVIEW**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Waste and Water-related LAC210909-02 Pure Water Project Las Virgenes-Triunfo	The project consists of construction of a recycled water treatment facility with a capacity of six million gallons per day. The project includes two sites: 1) Agoura Road Site located at 30800 Agoura Road near the southeast corner of Agoura Road and Flintlock Lane in the City of Agoura Hills and 2) Las Virgenes Reservoir Site located at 32601 Torchwood Place near the northeast corner of Torchwood Place and Three Springs Drive in the City of Westlake Village. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/LAC210909-02.pdf Comment Period: 9/9/2021 - 10/11/2021 Public Hearing: 9/23/2021	Notice of Preparation	Las Virgenes-Triunfo Joint Powers Authority	South Coast AQMD staff commented on 10/5/2021
Waste and Water-related LAC210928-03 Big Tujunga Reservoir Restoration Project	The project consists of excavation of 4.4 million cubic yards of sediment to restore flood management and water conservation on 45 acres. The project is located near the northwest corner of Big Tujunga Canyon Road and State Route 2 in the Angeles National Forest. Reference LAC130509-02 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/LAC210928-03.pdf Comment Period: 9/24/2021 - 10/25/2021 Public Hearing: 10/14/2021	Recirculated Mitigated Negative Declaration	Los Angeles County Flood Control District	South Coast AQMD staff commented on 10/12/2021
Waste and Water-related SBC210921-08 Inland Empire Utilities Agency Chino Basin Program	The project consists of construction of advanced water purification systems with a treatment capacity of 15,000 acre feet per year of recycled water. The project encompasses 235 square miles of service areas and includes cities of Upland, Montclair, Ontario, Fontana, Chino, Chino Hills, and Rancho Cucamonga and the unincorporated areas of San Bernardino County. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/SBC210921-08.pdf Comment Period: 9/15/2021 - 10/14/2021 Public Hearing: N/A	Notice of Preparation	Inland Empire Utilities Agency	South Coast AQMD staff commented on 10/12/2021
Waste and Water-related SBC210921-14 DAP-001-701	The project consists of construction of a bitumen emulsion manufacture facility and installation of 22 storage tanks with a capacity ranging from 6,500 gallons to 20,000 gallons. The project is located at 2110 Agua Mansa Road on the southeast corner of Agua Mansa Road and South Riverside Avenue. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/SBC210921-14.pdf Comment Period: 9/21/2021 - 10/12/2021 Public Hearing: 10/12/2021	Site Plan	City of Colton	South Coast AQMD staff commented on 10/12/2021
Medical Facility RVC210916-01 Kaiser Permanente Riverside Medical Center Expansion Project	The project consists of demolition of 738,000 square feet of existing structures and construction of two medical facilities totaling 296,000 square feet on 15.5 acres. The project is located at 10800 Magnolia Avenue on the southwest corner of Magnolia Avenue and Polk Street. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/RVC210916-01.pdf Comment Period: 9/15/2021 - 10/15/2021 Public Hearing: 9/27/2021	Notice of Preparation	City of Riverside	South Coast AQMD staff commented on 10/5/2021

- Project has potential environmental justice concerns due to the nature and/or location of the project.
** Disposition may change prior to Governing Board Meeting

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**ATTACHMENT B
ONGOING ACTIVE PROJECTS FOR WHICH SOUTH COAST AQMD HAS
OR IS CONTINUING TO CONDUCT A CEQA REVIEW**

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Plans and Regulations LAC210921-04 Florence-Firestone Transit Oriented District Specific Plan	The project consists of development of policies, strategies, and design guidelines to guide future development in proximity to public transit stations with a planning horizon of 2035 on 3.48 square miles. The project is located along Graham Avenue between Slauson Avenue to the north and 103rd Street to the south in the community of Florence-Firestone and includes the designated AB 617 Southeast Los Angeles community. Reference LAC210311-04 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/LAC210921-04.pdf Comment Period: 9/21/2021 - 11/5/2021 Public Hearing: N/A	Notice of Availability of a Draft Environmental Impact Report	County of Los Angeles	South Coast AQMD staff commented on 10/12/2021
Plans and Regulations LAC210921-07 City of Claremont Housing Element Update	The project consists of updates to the City's General Plan Housing and Safety Elements to develop policies, goals, and programs to comply with state, regional, and local housing and safety requirements with a planning horizon of 2029. The project encompasses 13.47 square miles and is bounded by unincorporated areas of Los Angeles County to the north, City of Upland to the east, cities of Montclair and Pomona to the south, and City of La Verne to the west. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/LAC210921-07.pdf Comment Period: 9/17/2021 - 10/22/2021 Public Hearing: 9/29/2021	Notice of Preparation	City of Claremont	South Coast AQMD staff commented on 10/12/2021
Plans and Regulations SBC210924-01 North Big Bear Landscape Restoration Project	The project consists of development of wildfire control strategies and vegetation management activities, and construction of 47 miles of trails. The project encompasses 13,000 acres and is located between Big Bear Dam and Baldwin Lake along State Route 38 in the community of Bear Valley within San Bernardino County. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/october/SBC210924-01.pdf Comment Period: 9/22/2021 - 10/22/2021 Public Hearing: N/A	Notice of Availability of a Draft Environmental Assessment	United States Department of Agriculture, Forest Service	South Coast AQMD staff commented on 10/19/2021

- Project has potential environmental justice concerns due to the nature and/or location of the project.
** Disposition may change prior to Governing Board Meeting

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

PROJECT DESCRIPTION	PROPONENT	TYPE OF DOCUMENT	STATUS	CONSULTANT
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.	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
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.	Quemetco	Environmental Impact Report (EIR)	A Notice of Preparation/Initial Study (NOP/IS) was released for a 56-day public review and comment period from August 31, 2018 to October 25, 2018, and 30 comment letters were received. Two CEQA scoping meetings were held on September 13, 2018 and October 11, 2018 in the community and 153 oral comments were received. The Draft EIR was released on October 14, 2021 for a 61-day public review and comment period which ends at 5:00 p.m. on December 14, 2021. 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.	Trinity Consultants
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.	Sunshine Canyon Landfill	Subsequent Environmental Impact Report (SEIR)	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.	SCS Engineers

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[↑ Back to Agenda](#)

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 26

REPORT: Stationary Source Committee

SYNOPSIS: The Stationary Source Committee held a meeting remotely on Friday, November 19, 2021. 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 Pro Tem Ben J. Benoit (Chair)
Supervisor Sheila Kuehl (Vice Chair)
Board Member Veronica Padilla-Campos
Supervisor Janice Rutherford

Absent: Senator Vanessa Delgado (Ret.)
Vice Mayor Rex Richardson

Call to Order

Chair Benoit called the meeting to order at 10:30 a.m.

INFORMATIONAL ITEM:

- 1. Proposed Rule 461.1 – Gasoline Transfer and Dispensing for Mobile Fueling Operations, Proposed Amended Rule 461 – Gasoline Transfer and Dispensing, Proposed Amended Rule 219 – Equipment Not Requiring a Written Permit Pursuant to Regulation II, and Proposed Amended Rule 222 – Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II**

Susan Nakamura, Assistant Deputy Executive Officer/Planning Rule Development and Area Sources, presented on proposed rules for mobile fueling.

Chair Benoit requested clarification on permitting thresholds and supported requirements for mobile fuelers that do not have air pollution controls, particularly since other mobile fueling operations have air pollution controls.

Supervisor Kuehl asked that the rule language be clear that dispensing locations are limited to a specific geographic area, such as a parking lot, and not a large regional area.

Supervisor Rutherford commented that information regarding the dispensing location can be obtained without a registration and suggested that the burden be on the mobile fueler rather than the operator of the dispensing location. Ms. Nakamura commented that staff is continuing to work with stakeholders regarding requirements for dispensing locations and will discuss revisions with stakeholders in a working group meeting in early December.

Board Member Padilla-Campos asked what mobile fueling companies service. Ms. Nakamura explained that they can service fleets of vehicles and the general public that include events, stadiums, business campuses, and fixed locations.

Supervisor Rutherford commented that the disabled community is also serviced by mobile fuelers through drive through events.

Laurel Moorhead, Transfer Flow, Inc., commented about emissions tests conducted on their tanks and that these tanks are regulated by other agencies (e.g. Fire Marshal, OSHA and Department of Transportation). She is unclear why this is being addressed by the Stationary Source Committee and not the Mobile Source Committee.

Joseph Okpaku, Booster Fuels, Inc., stated that their mobile fueling system has been deemed to be equivalent to Phase II, provided only Onboard Refueling Vapor Recovery vehicles are being fueled. He expressed concern about requiring registration of dispensing locations and stated this can be accomplished without putting the burden on the client.

Bill LaMarr, California Small Business Alliance, on behalf of the California Fuels and Convenience Alliance (CFCA), and expressed concern that the proposed rule may create a competitive imbalance between CFCA members (gas stations and fuel transporters) and these new mobile fuel service delivery businesses. He indicated support for the proposed rules.

Harvey Eder, Public Solar Power Coalition, requested information on the emissions that are occurring now and expressed concern about benzene and PM emissions. He spoke on the recycling of batteries and heat pumps with CFCs and GHGs and the

benefits of hydrogen fuel cells. He urged supporting infrastructure to move away from the use of fossil fuels.

Cheryl Atkinson, Portable Fuel Container Manufacturer's Association, commented on the exception for portable fuel containers with a capacity of five gallons and that it should be aligned with a standard already in place, such as ASTM F852 for certifying portable fuel containers up to 20 liters or 6.84 gallons. Ms. Nakamura responded that staff will work with stakeholders.

2. 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

Michael Morris, Planning and Rules Manager/Planning Rule Development and Area Sources, presented a summary of proposed rules.

Mark Abramowitz, Community Environmental Services, commented that staff did not consider fuel cells in their BARCT analysis of the diesel internal combustion engines on Santa Catalina Island. He urged that a BARCT analysis be performed and zero emission technologies be required on the island.

Mr. Eder asked that staff analyze solar renewable technology as BARCT.

Board Member Padilla-Campos asked if staff could perform the BARCT analysis requested by Mr. Abramowitz. Mr. Morris responded that staff did a BARCT analysis, including review of fuel cells. Executive Officer Wayne Natri responded that he will review issues with staff. Chair Benoit agreed that staff should look at the issues raised before the public hearing.

3. 2020 Annual Report on AB 2588 Program

Ian MacMillan, Assistant Deputy Executive Officer/Planning Rule Development and Area Sources provided a summary of various AB 2588 Program activities for 2020 and other activities related to air toxics.

Supervisor Kuehl inquired about operations using hexavalent chromium, rules adopted during the past year and plans to control those emissions. Mr. MacMillan responded that South Coast AQMD is leading the way in understanding the emerging science on how hexavalent chromium emissions impacts communities, and that this work will continue through monitoring, rule adoption, compliance, and the AB 2588 process. Susan Nakamura, Assistant Deputy Executive Officer/Planning Rule Development and Area Sources, added that more work is underway to address hexavalent chromium emissions from various operations, such as metal heat treating for chromium alloys. Proposed Rule 1469 (Rule 1426.1 will

address high temperature sodium dichromate tanks that are not located at plating facilities, and other metal processing facilities. Supervisor Kuehl suggested aligning facilities identified under these proposed rules with the facilities in the AB 2588 Program. Mr. MacMillan responded affirmatively.

Supervisor Kuehl mentioned a documentary regarding Santa Susana site cleanup and cancer clusters, particularly cancer cases in children. She inquired if there is alignment for facilities that would be subject to rule amendment and AB 2588, to see if there are facilities that should be prioritized. Mr. Nastri stated that staff implement rules quickly in identified sectors as well as ancillary sectors. He highlighted that the Santa Susana site involves radioactive components, where EPA has the expertise rather than South Coast AQMD. He stated that we will continue to work to identify any potential clustering of high risks in communities, and report back to the Board. Supervisor Kuehl mentioned that in Paramount we did not have full understanding at first. Investigations first started with complaints that led to further investigation followed by monitoring. Health risk assessments provided us a good understanding of where there were more serious issues and helped us find solutions.

Mr. Eder expressed concerns benzene emissions.

Duncan McKee, member of the public, stated that South Coast AQMD conducted a recent public meeting regarding Quemetco. Under a risk reduction plan, Quemetco installed a multi-metal CEMS to monitor emissions rather than reduce emissions of arsenic. He stated that the CEMS only measures particulate arsenic and not gaseous arsenic and with the proposed increase in emissions and throughput, they would be adding more arsenic into the process. He requested more communication between community and South Coast AQMD and that the facility should be required to reduce arsenic emissions.

Marilyn Kamimura, Clean Air Coalition of Avocado Heights, stated that she has lived near Quemetco for 49 years. With the arsenic violations, health risk assessment and risk reduction plan, Quemetco should not be allowed to increase its production by 25 percent. She mentioned cancer deaths in the community and is concerned about Quemetco's compliance history. She has worked with USC and reached out to the Public Health Department.

WRITTEN REPORTS:

4. Monthly Update of Staff's Work with U.S. EPA and CARB on New Source Review Issues for the Transition of RECLAIM Facilities to a Command-and-Control Regulatory Program Notice of Violation Penalty Summary

The report was acknowledged by the committee.

5. Notice of Violation Penalty Summary

The report was acknowledged by the committee.

OTHER MATTERS:

6. Other Business

There was no other business.

7. Public Comment Period

Mr. McKee requested staff to open a line of communication to discuss the proposed increase of throughput at Quemetco. He also expressed concerns about how staff accommodates public meeting participants that have special needs.

Mr. Eder supported Mr. McKee's comments and asked if Mr. Nastri was previously a consultant to Quemetco. Jill Whynot, Chief Operating Officer, responded that she is overseeing the process. She explained that Quemetco was a client of Mr. Nastri's before he worked for South Coast AQMD. Mr. Nastri has no legal responsibility to recuse himself, but has done so to avoid any appearance of conflict of interest. Further, he has not done any consulting since being hired with South Coast AQMD.

8. Next Meeting Date

The next Stationary Source Committee meeting is scheduled for Friday, January 21, 2021 at 10:30 a.m.

Adjournment

The meeting was adjourned at 11:57 a.m.

Attachments

1. Attendance Record
2. Monthly Update of Staff's Work with U.S. EPA and CARB on New Source Review Issues for the Transition of RECLAIM Facilities to a Command-and-Control Regulatory Program Notice of Violation Penalty Summary
3. Notice of Violation Penalty Summary

ATTACHMENT 1

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
STATIONARY SOURCE COMMITTEE**

Attendance –November 19, 2021

Mayor Pro Tem Ben J. Benoit	South Coast AQMD Board
Supervisor Sheila Kuehl	South Coast AQMD Board
Board Member Veronica Padilla-Campos.....	South Coast AQMD Board
Supervisor Janice Rutherford	South Coast AQMD Board
Tricia Almiron	Board Consultant (Benoit)
Ruthanne Taylor Berger	Board Consultant (Benoit)
Tom Gross	Board Consultant (Benoit)
Loraine Lundquist	Board Consultant (Kuehl)
Debra Mendelsohn.....	Board Consultant (Rutherford)
Mark Taylor.....	Board Consultant (Rutherford)
Amy Wong	Board Consultant (Padilla-Campos)
Mark Abramowitz	Community Environmental Services
Erin Berger	Southern California Gas Co.
Curtis Coleman.....	Southern California Air Quality Alliance
Harvey Eder.....	Public Solar Power Coalition
Teja Ganapa.....	LADWP
Jason Henderson.....	CCEEB
Bill Lamarr	California Small Business Alliance
Laurel Moorhead	Transfer Flow, Inc.
Joseph Okpaku.....	Booster Fuels, Inc.
Bethmarie Quiambao.....	Southern California Edison
Carl Raycroft	Quemetco
David Rothbart	LACSD
Jason Aspell.....	South Coast AQMD staff
Barbara Baird.....	South Coast AQMD staff
Bayron Gilchrist	South Coast AQMD staff
Mark Henninger.....	South Coast AQMD staff
Aaron Katzenstein	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
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

November 2021 Update on Work with U.S. EPA and California Air Resources Board on New Source Review Issues for the RECLAIM Transition

At the October 5, 2018 Board meeting, the Board directed staff to provide the Stationary Source Committee with a monthly update of staff's work with U.S. EPA regarding resolving NSR issues for the transition of facilities from RECLAIM to a command-and-control regulatory structure. The table below summarizes key activities with U.S. EPA and California Air Resources Board (CARB) since the last report.

- No meetings to report

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

Settlement Penalty Report (10/01/2021 - 10/31/2021)

Total Penalties

Civil Settlement: \$121,043.80
Criminal Referral Settlement: \$19,477.69
MSPAP Settlement: \$4,589.00
Hearing Board Settlement: \$10,000.00

Total Cash Settlements: \$155,110.49

Fiscal Year through 10/31/2021 Cash Total: \$999,388.99

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
124789	ADAN GARCIA FURNITURE REFINISHING	109, 203(a)	10/12/2021	DH	P63773, P69659	\$3,500.00
188467	AMERICAN RETROFITTEES CORP.	1403	10/05/2021	WW	P66472	\$3,600.00
138568	CALIFORNIA DROP FORGE, INC	1430, 2004, 2012	10/13/2021	NS, SH	P65217, P66056, P66057	\$8,000.00
800003	HONEYWELL INTERNATIONAL INC	2004, 2012 Appen A, 3002(c)(1)	10/22/2021	NS	P66167, P68315	\$17,000.00
185343	JAMES K/CANDICE CHO (HYE JEONG KIM)	1401(d)(1)(A)	10/22/2021	GV	P63310	\$5,143.80
121727	PACIFIC PIPELINE SYSTEM LLC	3002(c)(1)	10/22/2021	WW	P62970	\$40,000.00
187036	PM ESTRADA ROOFING	1403	10/13/2021	BT	P66444, P67617	\$5,000.00
71160	U.S. BATTERY MANUFACTURING CO	201, 203, 1420.2	10/13/2021	JL	P67412, P72934	\$25,500.00
195046	VOLKSWAGEN GROUP OF AMERICA	1151, 1168	10/13/2021	BT	SRV2021-00026	\$7,500.00
17956	WESTERN METAL DECORATING CO	2004(f)(1)	10/13/2021	JL	P66861	\$600.00
144695	WESTLAKE WELLBEING PROPERTIES, LLC	1415, 1415.1	10/13/2021	JL	P66966	\$5,000.00
178432	YORBA CANYON CLEANERS, EUNKWAN PARK	203	10/20/2021	VT	P65187	\$200.00
Total Civil Settlements:						\$121,043.80

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Criminal Referral						
187541	F & M NETWORKING INC	1403	10/22/2021	TCF	P68804, P68805, P68806	\$19,477.69
Total Criminal Referral Settlements: \$19,477.69						
Hearing Board						
104234	SCAQMD v. Mission Foods	202, 203(b), 1153.1, 1303	10/27/2021	KCM	5400-4	\$10,000.00
Total Hearing Board Settlements: \$10,000.00						
MSPAP						
181026	ARCO AM/PM #42960	461	10/13/2021	GC	P66394	\$1,450.00
187562	ENZO COLLISION CUSTOMIZATION CENTER	1151(e)(1)	10/22/2021	GC	P66781	\$800.00
26614	GARDEN GROVE UNIFIED SCHOOL DISTRICT	203(b), 461, 1415	10/22/2021	GC	P63893	\$819.00
800367	IPS CORPORATION	3002(c)(1)	10/22/2021	GC	P69511	\$720.00
189507	MANUEL ZAMORA	1151(e)(1)	10/13/2021	TCF	P65073	\$800.00
Total MSPAP Settlements: \$4,589.00						

**SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX
FOR OCTOBER 2021 PENALTY REPORT**

REGULATION I - GENERAL PROVISIONS

Rule 109 Recordkeeping for Volatile Organic Compound Emissions

REGULATION II - PERMITS

Rule 201 Permit to Construct
Rule 202 Temporary Permit to Operate
Rule 203 Permit to Operate

REGULATION IV - PROHIBITIONS

Rule 461 Gasoline Transfer and Dispensing

REGULATION XI - SOURCE SPECIFIC STANDARDS

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 1168 Adhesive and Sealant Applications

REGULATION XIII - NEW SOURCE REVIEW

Rule 1303 Requirements

REGULATION XIV - TOXICS

Rule 1401 New Source Review of Toxic Air Contaminants
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
Rule 1420.2 Emission Standards for Lead from Metal Melting Facilities
Rule 1430 Control of Emissions from Metal Grinding Operations at Metal Forging Facilities

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
Appendix A Protocol for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions
Rule 2012

REGULATION XXX - TITLE V PERMITS

Rule 3002 Requirements for Title V Permits

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BOARD MEETING DATE: December 3, 2021

AGENDA NO. 27

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a hybrid meeting on Friday, November 19, 2021. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Larry McCallon, Acting Chair
Technology Committee

MMM:psc

Committee Members

Present: Supervisor Lisa Bartlett
Mayor Pro Tem Larry McCallon
Mayor Pro Tem Carlos Rodriguez

Absent: Council Member Joe Buscaino/Chair
Board Member Gideon Kracov
Vice Mayor Rex Richardson

Call to Order

Acting Chair McCallon called the meeting to order at 12:00 p.m.

ACTION ITEMS:

1. Recognize 2021 U.S. EPA Targeted Airshed Grant Program Awards for Zero-Emission Vehicles and Equipment, Issue RFPs, Transfer Funds, Execute Contracts to Demonstrate Zero-Emission Vehicles and Equipment, and Reimburse General Fund

South Coast AQMD has been awarded up to \$14,339,960 from U.S. EPA 2021 Targeted Airshed Grant Program to demonstrate a zero-emission freight line-haul locomotive, long-range Class 8 fuel cell trucks, deploy zero-emission school buses, and replace commercial lawn and garden equipment. These actions are to: 1) recognize revenue, upon receipt, of up to \$14,339,960 from U.S. EPA into the

Advanced Technology, Outreach and Education Fund (17); 2) transfer up to \$2,169,169 from the Air Quality Investment Fund (27) into the Advanced Technology, Outreach and Education Fund (17) for South Coast AQMD cost-share; 3) contingent upon U.S. EPA's final awards, execute three contracts in a total amount not to exceed \$12,749,000 from the Advanced Technology, Outreach, Outreach and Education Fund (17); 4) issue RFPs and execute resulting contracts for the Commercial Lawn and Garden Equipment Incentive and Exchange Program in an amount not to exceed \$3,020,000 from the Advanced Technology, Outreach and Education Fund (17); and 5) reimburse the general fund for administrative costs up to \$590,960 from the Advanced Technology, Outreach and Education Fund (17).

Paul Dyson, member of the public, stated the proposed project can only be used in combination with other diesel locomotives. He added that this project is a repeat of a demonstration project funded by CARB and San Joaquin Valley APCD (SJVAPCD). He expressed concern with the expenditures and recommended not funding the proposed project. Staff clarified that this is a cost-share project mostly funded by EPA and partners and strict project oversight will occur. Staff added that locomotives represent one of the largest emission categories and it is necessary to engage major manufacturers and Class 1 railroads.

Michael Cleveland, BNSF Railway, noted that the project funded by CARB and SJVAPCD is using battery-electric locomotive with diesel locomotives, but the proposed battery-electric locomotive in this project is designed to be a diesel replacement that is a stand-alone, fully battery-electric locomotive.

Moved by Bartlett; seconded by Rodriguez; unanimously approved.

Ayes: Bartlett, McCallon, Rodriguez
Noes: None
Absent: Buscaino, Kracov, Richardson

2. Approve Awards for Lower-Emission School Bus Program and Transfer Funds for Development of Lower Emission School Bus Grant Management System

In October 2020, the Board issued a Program Announcement to solicit applications for the replacement of pre-2001 model year diesel school buses with new alternative fuel or zero emission buses. This action is to approve awards to replace pre-2001 diesel school buses with new, near- zero or zero emission school buses and infrastructure in an amount not to exceed \$47 million from the Carl Moyer Program AB 923 Fund (80). This action is to also appropriate up to \$81,000 from the administrative portion of the Carl Moyer Program AB 923 Fund (80) into Information Management's FY 2021-22 Budget, Professional and Special Services and/or Capital Outlays Major Objects and reimburse the General Fund (01) using

administrative funds for enhancement for the Lower Emission School Bus Program grant management system.

Mayor Pro Tem Rodriguez commented that he does not have a financial interest or conflict of interest but is required to identify for the record that he is a Committee Member for the Placentia-Yorba Linda Unified School District, which is involved in this item.

Supervisor Bartlett expressed support for the item and was pleased to see 53 new school buses awarded for Orange County.

Mayor Pro Tem Rodriguez also expressed support for the item and is pleased to see that the Placentia-Yorba Linda school district is part of the awards.

Harvey Eder, Public Solar Power Coalition, provided public comment to suggest further involvement with local low-income communities and expressed the need for tax credits.

Moved by Rodriguez; seconded by Bartlett; unanimously approved.

Ayes: Bartlett, McCallon, Rodriguez

Noes: None

Absent: Buscaino, Kracov, Richardson

INFORMATIONAL ITEM:

3. Clean Fuels Program Draft 2022 Plan Update

The Clean Fuels Plan Update is submitted every year with the Clean Fuels Annual Report as required by legislation. As part of that process, staff provides the Clean Fuels Program Draft Plan Update to the Technology Committee to solicit input on the proposed priority technology areas and potential projects for the upcoming year before requesting final Board approval for the Plan Update in early spring. Staff proposes continued support for a wide portfolio of technologies with particular emphasis on heavy-duty truck technologies with zero and near-zero emissions for goods movement applications as well as a continued focus on preparing for hydrogen vehicle deployments.

Mayor Pro Tem McCallon commented that he had no objections to the current distributions and agreed with the infrastructure and deployment phase.

Mr. Eder inquired about Volkswagen funding going into the Clean Fuels Program projects.

OTHER MATTERS:

4. Other Business

There was no other business to report.

5. Public Comment Period

Mr. Eder expressed concerns regarding climate change and the need to address this issue.

6. Next Meeting Date

The next regular Technology Committee meeting is scheduled for Friday, December 17, 2021 at noon.

Adjournment

The meeting adjourned at 12:40 p.m.

Attachment

Attendance Record

ATTACHMENT

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
TECHNOLOGY COMMITTEE MEETING
Attendance Record – November 19, 2021**

Supervisor Lisa Bartlett.....South Coast AQMD Board Member
Mayor Pro Tem Larry McCallonSouth Coast AQMD Board Member
Mayor Pro Tem Carlos RodriguezSouth Coast AQMD Board Member

James DinwiddieBoard Consultant (Bartlett)
Jacob HaikBoard Consultant (Buscaino)
Matt HolderBoard Consultant (Rodriguez)
Debra MendelsohnBoard Consultant (Rutherford)
Mark Taylor.....Board Consultant (Rutherford)

Mark AbramowitzPublic Member
Erin Berge.....SoCalGas
Michael Cleveland.....BNSF
Richard Chudoba.....Public Member
Paul DysonPublic Member
Harvey Eder.....Public Solar Power Coalition
Gary Eelman.....Public Member
David McGivneySoCalGas
Fred MinassianPublic Member
Eddie PhillipsBNSF
Ian Stewart.....Public Member
Mabelle WongsanguanPublic Member

Penny Shaw CedilloSouth Coast AQMD Staff
Philip CrabbeSouth Coast AQMD Staff
Marjorie Eaton.....South Coast AQMD Staff
Liliana GarciaSouth Coast AQMD Staff
Bayron GilchristSouth Coast AQMD Staff
Seungbum HaSouth Coast AQMD Staff
Mark HenningerSouth Coast AQMD Staff
Joyce IledanSouth Coast AQMD Staff
Jeff Inabinet.....South Coast AQMD Staff
Anissa Heard-Johnson.....South Coast AQMD Staff
Aaron KatzensteinSouth Coast AQMD Staff
Jason LowSouth Coast AQMD Staff
Ron MoskowitzSouth Coast AQMD Staff

Matt Miyasato.....South Coast AQMD Staff
Wayne Nastri.....South Coast AQMD Staff
Robert Paud.....South Coast AQMD Staff
Walter Shen.....South Coast AQMD Staff
Yuh Jiun Tan.....South Coast AQMD Staff
Lisa Tanaka.....South Coast AQMD Staff
Veera Tyagi.....South Coast AQMD Staff
Alex Vega.....South Coast AQMD Staff
Mei Wang.....South Coast AQMD Staff
Jill Whynot.....South Coast AQMD Staff

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BOARD MEETING DATE: December 3, 2021

AGENDA NO. 28

REPORT: Mobile Source Air Pollution Reduction Review Committee

SYNOPSIS: The Mobile Source Air Pollution Reduction Review Committee held a hybrid meeting on Thursday, November 18, 2021. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Ben J. Benoit
South Coast AQMD Representative
MSRC

MMM:AK:CR:av

FYs 2018-21 Work Program

Voucher Incentive Program (VIP) Plus Up Incentive Program

South Coast AQMD implements the VIP to encourage the replacement of older, higher-polluting vehicles with newer, lower-emission vehicles which meet the 0.20 g/bhp-hr NO_x standard. The program features a rapid response time and is limited to small fleets with 10 or fewer vehicles. In April 2020, the MSRC approved an allocation of \$5,000,000 as part of the FYs 2018-21 Work Program to partner with South Coast AQMD to offer increased incentive to fleets procuring technologies certified at 0.02 g/bhp-hr NO_x or cleaner. Maximum incentive amounts inclusive of the original vouchers were \$60,000 for Class 5 vehicles, \$80,000 for Class 6 vehicles, and \$100,000 for Class 7 and 8 vehicles. In March 2021, the MSRC approved increasing the maximum incentive amount for Class 8 vehicles to \$125,000 and reallocating \$2,500,000 from the VIP Plus Up to the unallocated AB 2766 Discretionary Fund balance, leaving \$2,500,000 allocated to the Program.

Due to the COVID-19 pandemic, the lead times for manufacture and delivery of lower-emitting trucks have substantially increased. The MSRC had previously established a sunset date of December 31, 2021 for their participation. Additionally, under the funding source South Coast AQMD had been using since Program inception, fleets

were required to scrap their existing trucks by the end of 2021 and receive their new low NOx or cleaner truck by June 30, 2022. South Coast AQMD recently allocated funding from their Clean Fuels Program Fund that is not bound by the same deadlines. To assist small fleets and continue to provide them incentives to achieve additional emission reductions, the MSRC approved extending the date for application acceptance under the VIP Plus Up Program partnership to August 31, 2022, and to extend the deadline for delivery of the replacement vehicle to December 31, 2023. There would be no change to the MSRC's funding contributions on a per-vehicle level.

Technical Advisor Services

The MSRC retains an independent contractor to provide technical assistance in support of the Work Program. In September 2021, the MSRC released an RFP for technical advisor services. The RFP established the following scoring criteria: Technical Qualifications/Experience; Technical Approach; Proposed Cost; and Past Performance. One proposal was received by the closing date of October 14, 2021. The proposal was evaluated by a panel of members of the MSRC-TAC which recommended the proposal be submitted to MSRC for consideration. The MSRC approved the contract award to Raymond Gorski for a 24-month term beginning January 1, 2022 and ending December 31, 2023. The contract will also include an option clause to be exercised at the MSRC's discretion, for a subsequent two-year term, subject to funding approval by the MSRC and South Coast AQMD Board at a later date. Funding specifics for the first 24-month term are:

- a. 75 percent of the contract amount, or \$289,275, to be part of the FYs 2021-24 Work Program; and
- b. 25 percent of the contract amount, or \$96,425, divided proportionally between the FYs 2021-22, 2022-23, and 2023-24 Administrative Budgets (\$24,106 from the FY 2021-22 Budget, \$48,213 from the FY 2022-23 Budget, and \$24,106 from the FY 2023-24 Budget).

Last Mile Freight Program

As an element of their FYs 2018-21 Work Program, the MSRC allocated \$10,000,000 to partner with SCAG to implement their Last Mile Freight Program. The Last Mile category focuses on reducing emissions from transportation following departure from distribution centers. The MSRC previously approved a draft Statement of Work which set the basic parameters for the partnership, as well as Program Guidelines. SCAG released the Last Mile Freight Program Call for Projects on May 13, 2021, with a submittal deadline of July 14, 2021. Due to significant expressions of interest and the program not being fully subscribed, SCAG re-released the Call for Projects on August 12, 2021. The final submittal deadline was October 6, 2021. The MSRC-TAC reviewed the recommendations of the MSRC-TAC Last Mile Subcommittee and recommended approval of SCAG's proposed project list for the \$10,000,000 allocation. The MSRC-TAC had further recommended that additional projects be placed on the Contingency List. The MSRC discussed questions related to SCAG's implementation of the County

Geographic Minimum element of the Program Guidelines. The MSRC approved the proposed project list for the original \$10,000,000 allocation, but deferred action on contingency list projects pending additional research into the geographic question.

FYs 2021-24 Work Program

MSRC staff provided a brief review of key points raised at the October 2021 Joint Retreat with the MSRC-TAC and presented a preliminary timeline for development of the new three-year Work Program. MSRC staff also presented administrative updates which will be pursued during the course of the Work Program.

Contract Modification Requests

The MSRC considered two contract modification requests and took the following actions:

1. City of Highland, Contract #ML16071, which provides \$264,500 to implement a “complete streets” pedestrian access project on Boulder Avenue, approval of a one-year no-cost term extension; and
2. Riverside County Transportation Commission (RCTC), Contract #MS16094, which provides \$1,909,241 to implement Metrolink First Mile/Last Mile Mobility Strategies, approval of a revised project list, reallocation of a \$823,235 from bicycle storage projects and vicinity improvements to state improvements projects, and a 15-month no-cost term extension.

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 September 30 through October 27, 2021 is attached (*Attachment 1*).

Attachment

September 30 through October 27, 2021 Contracts Administrator’s Report

MSRC Agenda Item No. 3

DATE: November 18, 2021

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 September 30 to October 27, 2021.

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 under development.

On August 6, 2021, the SCAQMD Governing Board approved an award under the Hydrogen Infrastructure Partnership Program. This contract is under development.

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 3 are in “Open/Complete” status, having completed all obligations except operations.

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 10 are in “Open/Complete” status. One contract closed during this period: Mike Diamond/Phace Management Services, Contract #MS12033 – Purchase 20 Medium-Heavy-Duty Vehicles.

FY 2011-12 Invoices Paid

No invoices were paid during this period.

FYs 2012-14 Work Program Contracts

9 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: Waste Resources, Contract #MS14079 – Install New Limited Access CNG Station. 5 contracts closed during this period: USA Waste of California, Contract #MS14041 – Install Limited Access CNG Station and Train Mechanics; Grand Central Recycling & Transfer, Contract #MS14042 – Expand Existing CNG Station; Upland Joint Unified School District, Contract #MS14053 – Expand Existing CNG Station; CR&R Incorporated, Contract #MS14081 – Expand Existing CNG Station and Modify Maintenance Facility; and US Air Conditioning Distributors, Contract #MS14084 – Expand Existing CNG Station.

FYs 2012-14 Invoices Paid

One invoice in the amount of \$175,000.00 was paid during this period.

FYs 2014-16 Work Program Contracts

26 contracts from this work program year are open, and 32 are in “Open/Complete” status. 3 contracts moved into “Open/Complete” status during this period: City of Pomona, Contract #ML16008 – Purchase 3 Medium-Duty and One Heavy-Duty Natural Gas Vehicles; City of Eastvale, Contract #ML16040 – Install EV Charging Infrastructure; and City of El Monte, Contract #ML16046 – Install EV Charging Infrastructure. 2 contracts closed during this period: San Bernardino County Transit Authority (SBCTA), Contract #MS16086 – Freeway Service Patrols; and SBCTA, Contract #MS16096 – Install EV Charging Infrastructure.

FYs 2014-16 Invoices Paid

2 invoices totaling \$581,158.85 were paid during this period.

FYs 2016-18 Work Program Contracts

86 contracts from this work program year are open, and 53 are in “Open/Complete” status. 6 contracts passed into “Open/Complete” status during this period: City of Calabasas, Contract #ML18034 – Install EV Charging Infrastructure; City of Santa Clarita, Contract #ML18090 –

Install EV Charging Infrastructure; City of Aliso Viejo, Contract #ML18128 – Purchase 2 Light-Duty ZEVs and Install EV Charging Infrastructure; City of Lake Forest, Contract #ML18130 – Install EV Charging Infrastructure; City of San Bernardino, Contract #MS18117 – Expand CNG Station and Train Mechanics; and County Sanitation Districts of Los Angeles County, Contract #MS18124 – Install New Limited Access CNG Station. 3 contracts closed during this period: City of Big Bear Lake, Contract #ML18088 – Install Bicycle Trail; City of Calimesa – Install Bicycle Lanes; and Geographics – Design, Host & Maintain MSRC Website.

FYs 2016-18 Invoices Paid

4 invoices totaling \$136,588.59 were paid during this period.

FYs 2018-21 Work Program Contracts

9 contracts from this work program year are open. One contract closed during this period: Orange County Transportation Authority, Contract #MS21003 – Provide Express Bus Service to the Orange County Fair.

2 invoices totaling \$3,538.35 were paid during this period.

Administrative Scope Changes

No administrative scope changes were initiated during the period from September 30 to October 27, 2021.

Attachments

- FY 2007-08 through FYs 2018-21 (except FY 2009-10) Contract Status Reports



AB2766 Discretionary Fund Program Invoices

September 30 to October 27, 2021

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2012-2014 Work Program</i>							
10/20/2021	11/3/2021	11/5/2021	11/5/2021	MS14083	Hacienda La Puente Unified School District	0701-1-msrc1	\$175,000.00
Total: \$175,000.00							
<i>2014-2016 Work Program</i>							
10/15/2021	11/3/2021	11/5/2021		ML16040	City of Eastvale	1-Final	\$53,908.85
10/1/2021	10/8/2021	10/13/2021		MS16120	Omnitrans	1800001037	\$527,250.00
Total: \$581,158.85							
<i>2016-2018 Work Program</i>							
10/15/2021	11/3/2021	11/5/2021		MS18023	Riverside County Transportation Commission	02640	\$33,062.52
10/7/2021	10/8/2021	10/13/2021		ML18139	City of Calimesa	PW2021-08	\$50,000.00
10/6/2021	10/8/2021	10/13/2021		MS18065	San Bernardino County Transportation Authority	4F	\$3,526.07
10/1/2021	10/8/2021	10/13/2021		ML18088	City of Big Bear Lake	1-Final	\$50,000.00
Total: \$136,588.59							
<i>2018-2021 Work Program</i>							
10/7/2021	10/8/2021	10/13/2021		MS21002	Better World Group Advisors	WG-MSRC2	\$3,115.35
10/6/2021	10/8/2021	10/13/2021		MS21006	Geographics	21-22581	\$423.00
Total: \$3,538.35							

Total This Period: \$896,285.79



FYs 2008-09 Through 2018-21 AB2766 Contract Status Report

11/10/2021

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<i>FY 2008-2009 Contracts</i>									
<i>Declined/Cancelled Contracts</i>									
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									
<i>Closed Contracts</i>									
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
Total: 1									
Open/Complete Contracts									
ML09036	City of Long Beach Fleet Services B	5/7/2010	5/6/2017	11/6/2022	\$875,000.00	\$875,000.00	Purchase 35 Natural Gas Refuse Trucks	\$0.00	Yes
Total: 1									

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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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
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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	Catrac 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 Genera	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	\$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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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 Au	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: 57

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 Fleet Services B	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
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
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: 3

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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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	12/30/2021	\$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
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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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 Stadiu	\$88,830.00	Yes
MS12002	Orange County Transportation Autho	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 Autho	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadiu	\$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 Distric	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 Dist	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/VS	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 Autho	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 Autho	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 Autho	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 Au	3/1/2013	9/30/2013		\$57,363.00	\$47,587.10	Implement Metrolink Service to Autoclub Sp	\$9,775.90	Yes
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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: 62

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

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
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
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
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: 10

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
ML14097	County of Los Angeles Internal Servi	9/6/2019	9/5/2020	9/5/2021	\$104,400.00	\$0.00	Electric Vehicle Charging Infrastructure	\$104,400.00	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
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	No

Total: 9

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
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

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
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 Au	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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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 Au	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: 52

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
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$126,950.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
ML14032	City of Rancho Cucamonga	1/9/2015	1/8/2022		\$113,990.00	\$104,350.63	Expansion of Existing CNG Infrs., Bicycle L	\$9,639.37	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

Total: 18

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 Ex	\$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
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	4/2/2024	\$20,000.00	\$0.00	Install EV Charging Infrastructure	\$20,000.00	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	6/25/2022	\$90,000.00	\$18,655.00	Install a Bicycle Locker and EV Charging Infr	\$71,345.00	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	1/4/2022	\$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	\$185,250.00	Repower 39 and Purchase 1 New Transit Bu	\$414,750.00	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: 26

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS16098	Long Beach Transit				\$198,957.00	\$0.00	Provide Special Bus Service to Stub Hub Ce	\$198,957.00	No
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
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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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 Au	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 Au	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: 49

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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$49,399.00	Install EV Charging Infrastructure	\$1.00	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
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
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
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
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: 32

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
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 EVSE a	\$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 Fleet Services B	11/29/2018	11/28/2026		\$622,220.00	\$140,291.13	Install EV Charging Stations	\$481,928.87	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		\$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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
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
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 T	\$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		\$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	\$886,787.98	Regional Active Transportation Partnership	\$1,613,212.02	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	\$318,135.96	Weekend Freeway Service Patrols	\$181,864.04	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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 Subsi	\$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 Access 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: 85

Pending Execution Contracts

ML18148	City of San Dimas				\$50,000.00	\$0.00	Implement Bike Share Program	\$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

Total: 3

Declined/Cancelled Contracts

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 Distric				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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: 18

Closed Contracts

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 Au	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 Au	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 Au	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 Au	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: 18

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
ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$46,079.31	Install EV Charging Station	\$3,581.69	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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18039	City of Redlands	6/28/2018	7/27/2024	1/27/2025	\$87,000.00	\$63,190.33	Purchase 1 Medium/Heavy-Duty ZEV and In	\$23,809.67	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 Emiss	\$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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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	\$106,697.50	Programmatic Outreach Services	\$158,381.50	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	\$1,542.00	Hosting & Maintenance of the MSRC Websit	\$11,410.00	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 Emssions 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 P	\$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 Dodge	\$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

[↑ Back to Agenda](#)

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 29

REPORT: California Air Resources Board Monthly Meeting

SYNOPSIS: The California Air Resources Board held a meeting on November 19, 2021. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Gideon Kracov, Member
South Coast AQMD Governing Board

FT

The California Air Resources Board (CARB or Board) held a meeting remotely on November 19, 2021 via a web-based videoconferencing service. The key items presented are summarized below.

DISCUSSION ITEMS

21-12-1: Public Meeting to Consider Proposed Research Contract with the University of California, Davis, Titled "Understanding Travel Demand and Built Environment Factors to Optimize Increased Zero Emission Vehicle Access in Underserved Communities"

The Board approved funding for the proposed research contract with the University of California, Davis titled "Understanding Travel Demand and Built Environment Factors to Optimize Increased Zero Emission Vehicle Access in Underserved Communities." Growing the Zero-Emission Vehicle (ZEV) market to meet the Governor's Executive Order N-79-20 goal of 100 percent electric vehicle sales by 2035 and achieving the State's long-term air quality and climate goals will require expanding ZEV access and usage to all California drivers. The research will examine a variety of scenarios to identify the opportunities and barriers to post-pandemic transportation and land-use policies that CARB and the State could institute to help meet California's air quality, climate, and equity goals. Specifically, this research project will help address three core

research questions: 1) are mobility needs being met in underserved communities, 2) how can ZEVs meet the mobility needs of underserved communities, and 3) what barriers exist in ZEV purchase and use in underserved communities? The information that will be gained through this contract will support both the Board's decisions on a variety of ZEV programs and effective program implementation by CARB staff.

21-12-2: Public Meeting to Consider a Proposed Research Contract with the University of California, Los Angeles, Titled "Preterm Birth, Low Birth Weight, Childhood Autism, Parkinson's and Alzheimer Disease and Air Pollution – California Studies"

The Board approved funding for the proposed research contract with the University of California, Los Angeles titled "Preterm Birth, Low Birth Weight, Childhood Autism, Parkinson's and Alzheimer Disease and Air Pollution – California Studies." In April 2020, the Board directed CARB staff to develop new quantitative and qualitative approaches for our health benefit assessment that include additional California-specific health outcomes, such as preterm birth associated with air pollution exposure. The investigators will use novel air pollution modeling techniques to better understand public exposures to criteria and toxic pollutants over the past 20 years and will analyze the health effects of the exposure in racial and ethnic subgroups in addition to the statewide population. The information gained through this contract will support CARB's ability to evaluate the effects of its policies and better determine benefits of future air pollution regulations and policies in California.

21-12-3: The 2019 Haagen-Smit Clean Air Awards

The Board presented the 2019 Haagen-Smit Clean Air Awards. The Haagen-Smit Clean Air Awards are presented annually to extraordinary individuals in recognition of their significant career accomplishments helping improve air quality and address climate change. However, due to the pandemic, the Board presentation of the 2019 Haagen-Smit Clean Air Awards was postponed. In January 2021, the Haagen-Smit Advisory Committee scheduled a belated 2019 Haagen-Smit awards ceremony to coincide with the dedication of the new Riverside campus. The 2019 Award Recipients were: Karl Taylor, Ph.D. who is being honored in the Climate Change Science category; Joy Williams, MPH, who is being honored in the Community Service and Environmental Justice category; Janice E. Nolen, M.A. who is being honored in the category of Education; Junji Cao, Ph.D. who is being honored in the category of International Leadership; Stephen O. Andersen, Ph.D. who is being honored in the category of Environmental Policy; William B. DeMore, Ph.D. who is being honored in the category of Research; and John Birks, Ph.D. who is being honored in the Science and Technology category.

21-12-4: Public Hearing to Consider Proposed Fiscal Year 2021-22 Funding Plan for Clean Transportation Incentives Accompanied by Proposed Carl Moyer Program Changes, Agricultural Burning Incentives for Combustion Equipment, and the Climate Heat Impact Response Program.

The Board approved the proposed Fiscal Year 2021-22 Funding Plan for Clean Transportation Incentives and other accompanied proposals including changes to the Carl Moyer Program, agricultural burning incentives for combustion equipment in the San Joaquin Valley, and staff's Climate Heat Impact Response Program (CHIRP) Plan. To achieve California's numerous climate change, air quality, zero-emission vehicle (ZEV) deployment, and petroleum reduction goals, CARB has adopted an aggressive, multi-pronged strategy that uses incentives to complement regulatory approaches. Annually, the State appropriates funding to a portfolio of incentive programs, and each program plays a unique role in improving air quality, enhancing community protection, and reducing greenhouse gas emissions. The FY 2021-22 Funding Plan will continue to build on investments from previous budget cycles. These projects are designed to achieve both immediate emission reductions and, as emphasized in Governor Newsom's Executive Order N-79-20, support the transformation of California's vehicle and equipment fleet to one that is zero-emitting, where feasible. In designing these investments, CARB strove to maximize the benefits for disadvantaged communities, low-income communities, and low-income households.

South Coast AQMD Staff Comments/Testimony: Staff provided testimony regarding the investment plan and proposed changes to the Carl Moyer Program. Although increasing the cost-effectiveness limit is helpful, staff indicated there is a list of changes that the Air Districts have been advocating through CAPCOA with CARB but no changes have been implemented. The South Coast Air District urged CARB to reconvene the advisory committee comprised of CARB Board Members, including Vice-Chair Berg, and Board Members Kracov, Hurt and Pacheco-Werner, to ensure that changes to Moyer will be effective in replacing older diesel, on-road heavy-duty trucks.

21-12-5: Public Hearing to Consider Draft Final Cap-and-Trade Auction Proceeds Fourth Investment Plan: Fiscal Years 2022-23 through 2024-25

The Board approved Resolution 21-25 in support of the recommendations included in the *Draft Final Cap-and-Trade Auction Proceeds Fourth Investment Plan* (Draft Final Fourth Investment Plan). Each year, the Legislature and the Governor work together to develop an expenditure plan for the Greenhouse Gas Reduction Fund (GGRF) through the annual budget act. The GGRF funds California Climate Investments programs to facilitate greenhouse gas (GHG) emission reductions programs and provide a variety of co-benefits.

The Health and Safety Code requires the Department of Finance, in consultation with CARB and other State agencies, to submit an Investment Plan to the Legislature every three years to help guide the Legislature and Governor in developing the expenditure plan. The Draft Final Fourth Investment Plan identifies high-level strategies to facilitate GHG emission reductions while supporting the State's other climate, environmental equity, and economic goals. The Draft Final Fourth Investment Plan establishes five guiding principles to prioritize investments, these are: to support implementation of State climate goals; to advance equity and environmental justice; to improve public health; to support a climate-resilient and a prosperous economic future; and to foster interagency coordination. CARB staff will work with the Department of Finance to develop a final Cap-and-Trade Auction Proceeds Fourth Investment Plan, which the Department of Finance will submit to the Legislature in January 2022. The Fourth Investment Plan will serve as a resource for the annual budget process for Fiscal Years 2022-23 through 2024-25.

21-12-6: Public Hearing to Consider Proposed Amendments to the Commercial Harbor Craft Regulation

The Board heard the first of two hearings on the Proposed Amendments to the Commercial Harbor Craft Regulation (CHC Amendments). While the existing CHC Regulation has resulted in important emission reductions, to meet State and federal air quality mandates, additional emissions reductions from CHCs will be needed. Many of these vessels operate in or adjacent to disadvantaged communities, and emission reductions from these vessels will directly benefit these communities that experience significant burden from air pollution. In addition, the CHC Amendments will support Governor Newsom's Executive Order N-79-20 which directed CARB to transition, where feasible, off road vehicles and equipment to 100 percent zero emissions by 2035. The Proposed CHC Amendments would apply more stringent requirements to in use and new vessels and expand the regulatory requirements to vessel categories that were previously exempt from the existing CHC regulation. Furthermore, the CHC Amendments will apply reporting, infrastructure, and other requirements onto facilities, such as seaports, terminals, marinas, and harbors that conduct business with CHC. It will also require the use of renewable diesel, biennial opacity testing, and fees. Emission reductions will begin in 2023 when the Proposed Amendments impose new emission reduction and fuel requirements. The CHC Amendment will reduce the incidence of premature deaths, hospital admissions, and emergency room visits, as well as reducing criteria pollutants and GHGs. The Board heard from many commercial harbor craft vessel owners and operators, particularly those associated with commercial passenger fishing vessels expressing concerns about costs, scheduled, and feasibility. Others testified that the Board should strive to electrify several other categories of vessels. Staff plan to work on streamlining the exemption process as well as refining the scope and timing of a technology and implementation assessment to be completed within the next

few years. The Board will consider adoption of the CHC Amendments at a subsequent hearing scheduled for the Spring of 2022.

Attachment

CARB November 19, 2021 Meeting Agenda



Public Meeting Agenda

Friday, November 19, 2021

In accordance with recently enacted legislation, [Assembly Bill 361](#) (Chapter 165, Stats. of 2021) the November 19, 2021, meeting of the California Air Resources 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: 865 9912 9877

To only watch the Board Meeting and not provide verbal comments, please view the webcast. The webcast is the same video stream offered by the California Air Resources Board (CARB or Board) 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](#)

[Como Participar en la Reunión del Consejo a Distancia](#)

[Agenda de la Reunión del Consejo del 19 de noviembre de 2021](#)

Spanish interpretation will be provided for the November 19, 2021, Board Meeting.

Friday, November 19, 2021 @ 9:00 a.m.

Discussion Items:

21-12-1: Public Meeting to Consider Proposed Research Contract with the University of California, Davis, titled "Understanding Travel Demand and Built Environment Factors to Optimize Increased ZEV Access in Underserved Communities"

The Board will consider approval of a research contract to examine mobility needs of underserved communities and how zero-emission vehicles can cost effectively meet this need. This item is added to the agenda to satisfy Board approval requirements in Health and

Safety Code section 1091 because one or more Board members are affiliated with the University of California system.

- [More Information](#)
- [Item Summary](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

21-12-2: Public Meeting to Consider a Proposed Research Contract with the University of California, Los Angeles, titled "Preterm Birth, Low Birth Weight, Childhood Autism, Parkinson's and Alzheimer Disease and Air Pollution – California Studies"

The Board will consider approving a research proposal regarding quantification of air pollution health impacts. This item is added to the agenda to satisfy Board approval requirements pursuant to Health and Safety Code section 1091 because one or more Board members are affiliated with the University of California system.

- [More Information](#)
- [Item Summary](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

21-12-3: The 2019 Haagen-Smit Clean Air Awards

The Board will announce the 2019 Haagen-Smit Clean Air Awards, considered the "Nobel Prize" in air quality achievement. These awards recognize extraordinary individuals who have made significant career accomplishments in air quality and climate change. Due to the pandemic, the selection of these 2019 Clean Air Awards has been postponed since April 2020.

- [More Information](#)
- [Item Summary](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

21-12-4: Public Hearing to Consider Proposed Fiscal Year 2021-22 Funding Plan for Clean Transportation Incentives Accompanied by Proposed Carl Moyer Program Changes, Agricultural Burning Incentives for Combustion Equipment, and the Climate Heat Impact Response Program

The Board will consider staff's proposal for investments appropriated to CARB for clean transportation incentives, as well as proposed changes to related incentive programs.

- [More Information: Carl Moyer Program](#)
- [More Information: Agricultural Burning](#)
- [More Information: Climate Heat Impact Response Program](#)
- [Public Meeting Notice](#)
- [Proposed FY 2021-22 Funding Plan for Clean Transportation Incentives](#)
- [Item Summary](#)
- [Meeting Presentation](#)

- [Proposed Resolution](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

21-12-5: Public Hearing to Consider Draft Final Cap-and-Trade Auction Proceeds Fourth Investment Plan: Fiscal Years 2022-23 through 2024-25

The Board will hear an update on the Draft Final Cap-and-Trade Auction Proceeds Fourth Investment Plan, a Department of Finance document that will guide the investment of Cap-and-Trade auction proceeds from Fiscal Years 2022-23 through 2024-25.

- [More Information](#)
- [Public Meeting Notice](#)
- [Item Summary](#)
- [Meeting Presentation](#)
- [Proposed Resolution](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

21-12-6: Notice of Public Hearing to Consider Proposed Amendments to the Commercial Harbor Craft Regulation

The Board will consider the Proposed Amendments to the Commercial Harbor Craft Regulation, which aim to further reduce emissions from harbor craft in California. This hearing will be the first of two planned Board hearings.

- [More Information](#)
- [Public Meeting Notice](#)
 - [Errata and Comment Period Extension](#)
- [Item Summary](#)
- [Hearing 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: December 3, 2021

AGENDA NO. 31

PROPOSAL: Determine That Proposed Amended Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines, Is Exempt from CEQA; and Amend Rule 1134 (*Staff is recommending that the public hearing on this item be moved to the February 4, 2022 Board Meeting.*)

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 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 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)

[↑ Back to Agenda](#)

BOARD MEETING DATE: December 3, 2021

AGENDA NO. 32

PROPOSAL: Receive and File 2020 Annual Report on AB 2588 Program

SYNOPSIS: The Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) requires local air pollution control districts to prepare an annual report and present it at a public hearing. This report provides information regarding South Coast AQMD's implementation of AB 2588 through Rule 1402 - Control of Toxic Air Contaminants from Existing Sources. This annual report describes quadrennial emissions reporting and prioritization, preparation and review of Air Toxics Inventory Reports, Health Risk Assessments, Voluntary Risk Reduction Plans, Risk Reduction Plans and additional South Coast AQMD activities related to air toxics.

COMMITTEE: Reviewed: Stationary Source Committee, November 19, 2021

RECOMMENDED ACTION:
Receive and File.

Wayne Nastri
Executive Officer

SR:IM:EK:VM

Introduction

The California Air Toxics "Hot Spots" Information and Assessment Act (AB 2588) enacted in 1987, is a statewide program implemented by local air districts to address health risks from air emissions associated with existing permitted facilities. One of the main goals of AB 2588 is to provide the public with information regarding potential health effects from toxic air contaminants emitted from existing facilities, and to develop plans to reduce associated risks. South Coast AQMD implements AB 2588 requirements through Rule 1402 – Control of Toxic Air Contaminants from Existing Sources, which includes additional requirements beyond the state law, including a

program to encourage facilities to voluntarily reduce risk, and to compel high risk facilities to reduce toxic emissions much more quickly than previously required.

The AB 2588 Program, as implemented under Rule 1402, is only one part of South Coast AQMD's comprehensive program in regulating air toxics. Other elements include South Coast AQMD's permitting program and Rule 1401 – New Source Review of Toxic Air Contaminants, rules adopted to address air toxic emissions from certain equipment and processes, enforcement efforts to ensure facilities comply with all applicable air quality requirements, and the Multiple Air Toxics Exposure Study, a study measuring the amount of regional toxic air contaminants and their risks throughout the air basin. Additionally, South Coast AQMD has performed ambient air monitoring in many neighborhoods and has found high levels of air toxics in some communities. This monitoring has helped to identify high risk facilities, which have been required to implement risk reduction measures under Rule 1402. Additional reductions have occurred through voluntary measures, enforcement actions, Orders for Abatement and rule development.

As required under the California Health and Safety Code Section 44363, staff has prepared the "2020 Annual Report on the AB 2588 Program." This annual report summarizes South Coast AQMD's air toxics program activities in 2020, including AB 2588 activities and other air toxic related programs. The annual report will be available on South Coast AQMD's website and distributed to county boards of supervisors, city councils and local health officers.

Background

The AB 2588 Program, combined with implementation of Rule 1402, includes requirements for toxic emissions inventories, categorizing and prioritizing facilities, and reviewing and approving detailed Air Toxic Inventory Reports (ATIRs), Health Risk Assessments (HRAs), public notifications, Voluntary Risk Reduction Plans (VRRPs) and Risk Reduction Plans (RRPs). Depending on the level of risk from a facility, they may be required to do public notification and/or reduce risks.

There are two broad classes of facilities within the AB 2588 Program Facilities with higher toxics emissions (core facilities) are subject to individual reporting requirements, while facilities that are generally small businesses are grouped into industrywide source categories and have fewer requirements under the AB 2588 Program than core facilities. Industrywide source category facilities are generally small businesses with relatively similar emission profiles (such as gas stations and auto-body shops). Some industrywide categories have requirements in source-specific rules to address toxic air contaminants.

Larger facilities (core facilities) are required to report their air toxic emissions to South Coast AQMD, such as hexavalent chromium, nickel, benzene, formaldehyde, and diesel particulate matter (DPM), every four years through the web-based Annual Emissions

Reporting (AER) Program. This quadrennial emissions reporting is staggered so that not all facilities report their toxics emissions at the same time. Of the 455 facilities in South Coast AQMD's core AB 2588 Program, 128 facilities were required to submit reports in 2020 for reporting year 2019. Additionally, on October 7, 2016, Rule 1402 was amended to add requirements for Potentially High Risk Level facilities. Potentially High Risk Level facilities are facilities that staff believes may pose significant health risk to the local community. Potentially High Risk facilities must implement Early Action Reduction Plans to immediately reduce risk and to submit ATIRs, HRAs and RRP under expedited timelines. So far, three facilities in Paramount (Anaplex Corp, Aircraft Inc. and Lubeco Inc.) have been designated as Potentially High Risk Level facilities under Rule 1402. An additional facility in Gardena (High Performance Coatings) was given this designated in 2020.

The AB 2588 Program requires air districts to use reported emissions to categorize each facility as either high, intermediate, or low priority to determine if a facility needs to conduct anHRA. Once a facility is designated as high priority, they may be required to submit an HRA to assess risk to the surrounding community. From the beginning of the AB 2588 Program in 1987 through the end of 2020, staff has reviewed and approved 354 HRAs from 341 facilities. Of these, 62 facilities were required to perform public notification activities and 30 facilities were required to implement risk reduction measures.

2020 Accomplishments

The attached report summarizes activities in 2020 for the AB 2588 Program, implementation of Rule 1402, air toxic monitoring performed in conjunction with the AB 2588 Program and Rule 1402, analysis of toxic program impacts from the addition of new or revised health risk values for air toxics, and future activities.

Summary of Activities for Specific AB 2588 Program Facilities

In 2020, 128 facilities filed quadrennial emission reports. Staff initiated audit activities on 77 facilities including 21 facilities with priority scores greater than 10. Additionally, 48 facilities were subject to AB 2588 review. These include facilities that were notified in prior calendar years and were in various stages of review in 2020. Staff reviewed 29 ATIRs, three HRAs, two RRP, three VRRP, and six revised priority scores. Approximately 9,300 residences were notified that they were exposed to risks above the AB 2588 thresholds, and five public notification meetings were held. Table 1 lists facilities, in alphabetical order, that submitted documents required by the AB 2588 Program. The attached Annual Report provides detailed information regarding the AB 2588 Program activities at each facility.

Table 1 – AB 2588 Program Facilities in 2020

Facility Name	ID No.	Facility Name	ID No.
Aerocraft Heat Treating Co. Inc.	23752	LA City, Street Maintenance Bureau Department of Public Works	25196
Air Liquide Large Industries U.S., LP	148236	Lubeco Inc	41229
All American Asphalt – Irvine	82207	MM West Covina LLC	113873
All American Asphalt - Irwindale	114264	Motion Picture & Television Fund	16211
All American Asphalt – Perris	148146	PABCO Bldg Products LLC, dba PABCO Paper	45746
Anaplex Corp	16951	Pac Rancho, Inc.	140871
Arconic Global Fasteners & Rings, Inc.	134931	Pacific Clay Products Inc	17953
Bowman Plating Co Inc	18989	Phillips 66 Co/LA Refinery Wilmington Pl*	171107
Breitburn Operating LP	150201	Plains West Coast Terminals LLC	800417
Chevron Products Co.	800030	R J. Noble Company	19167
City of Cerritos - Water Division	74396	Robertson's Ready Mix	42623
Coastline High Performance Coatings, Ltd.	112684	Robertson's Ready Mix	134112
Eco Services Operations Corp.*	180908	San Diego Gas & Electric	4242
Eisenhower Medical Center	3671	So Cal Edison Co*	4477
Elite Comfort Solutions	182610	Schlosser Forge Company	15504
Equilon Enter. LLC, Shell Oil Prod. US	800372	SFPP, L.P.	800278
Evonik Corporation*	183926	So Cal Gas Co/Playa Del Rey Storage Fac	8582
Exide Technologies	124805	Sully Miller Contracting Co	105277
Flare Group, dba Aviation Equip Process	164581	Tesoro Refining and Marketing*	800436 174655 174694 174703
Gerdau/TAMCO	18931	Torrance Refining Company LLC*	181667
Glendale City, Glendale Water & Power	800327	Ultramar Inc*	800026
Hixson Metal Finishing	11818	Vista Metals Corporation*	14495
Light Metals Inc. *	83102	Vorteq Pacific	191677
Long Beach City, SERRF Project	44577	Whittier Fertilizer Co	511

Note: * indicates facilities notified to prepare either an ATIR or a VRRP.

Air Monitoring and Source Testing Activities to Support the AB 2588 Program

Based on monitoring for hexavalent chromium in Paramount, three facilities were designated as Potentially High Risk Level Facilities in 2016 and 2017. High levels of hexavalent chromium were discovered, in some instances increasing cancer risk to

nearby communities. Efforts then followed to identify and address the sources of these emissions. As a result, several facilities made a range of improvements, some voluntary and some through rule changes and enforcement actions. South Coast AQMD's ongoing air monitoring results indicate substantial progress in reducing ambient levels of hexavalent chromium due to these actions.

In June 2019, staff began air monitoring in the West Rancho Dominguez area at 14 different locations. The West Rancho Dominguez area is mostly industrial with concrete batch plants, hexavalent chromium metal finishing facilities, and hexavalent chromium spray coating facilities within close proximity to each other. Staff have been investigating potential sources in the vicinity of these monitors and have brought some facilities into the AB 2588 core program and are working with them to identify actions that could be implemented to reduce hexavalent chromium emissions.

HRA Modeling Projects

In 2020, staff supported permitting and enforcement activities by reviewing air dispersion modeling to determine compliance with Rules 1420.2 – Emission Standards for Lead from Metal Melting Finishing.

Rule 1420.2 establishes standards for lead emissions from metal melting facilities. Air dispersion modeling is used to identify the appropriate location for placement of ambient air monitors. In 2020, staff reviewed one compliance plan with air dispersion modeling under this rule for relief from future monitoring requirements.

Program Impacts from New or Revised Health Risk Values for Air Toxics

OEHHA adopted risk values for toluene, *p*-chloro-*α,α,α*-trifluorotoluene (*p*-chlorobenzotrifluoride, or PCBTF), and cobalt and cobalt compounds in 2020. Chronic RELs, 8-hour chronic RELs and acute RELs were adopted for toluene, and cancer potency factors were adopted for PCBTF and cobalt and cobalt compounds. In reviewing 2017 through 2020 reporting data, 273 facilities reported emissions of toluene. PCBTF and cobalt and cobalt compounds are newly added pollutants with no prior reporting requirements and are not currently required to be reported by AB 2588 facilities. However, facilities required to submit inventory reports under Rule 1402 will be required to report PCBTF beginning inventory year 2022 and cobalt and cobalt compounds beginning inventory year 2021.

Future Activities

In 2021, AB 2588 staff will:

- Audit quadrennial emissions inventories for approximately 95 facilities;

In addition to routine AB 2588 Program implementation activities, staff plans to:

-
- Continue to provide support to rulemaking staff;
- Work with CARB and through the CAPCOA Toxics and Risk Managers Committee (TARMAC) to update CARB AB 2588 Guidelines and develop uniform reporting guidance for various industries;
- Work with CARB to develop guidance and outreach material for implementation of the CARB EICG. This work will also include ensuring that reporting requirements under South Coast AQMD's AB 2588 program and CARB's EICG are as streamlined as possible with other reporting requirements under CARB's CTR regulation and South Coast AQMD's AER program;
- Continue to work with CARB and through the TARMAC to develop HRA guidelines for the industrywide categories of gasoline dispensing facilities, autobody shops, and diesel internal combustion engines, develop uniform reporting guidance for various industries, and to provide training to South Coast AQMD staff and the regulated community;
- Train new staff on the expanded emissions reporting under amended Rule 301 and CARB's Criteria and Toxics Reporting (CTR) regulation;
- Engage in the Department of Toxics Substances Control (DTSC) SB 673 rulemaking which will fold existing health risks, community vulnerability, and cumulative impacts into DTSC's permitting process; and
- Track development of potential health risk value revisions by OEHHA.

Attachments

1. Annual Report on AB 2588 Air Toxics "Hot Spots" Program
2. Board Meeting Presentation

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT



2020

**Annual Report on AB 2588
Air Toxics "Hot Spots" Program**



December 2021

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT



Annual Report on AB 2588 Air Toxics “Hot Spots” Program

December 2021

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EXECUTIVE OFFICER:

WAYNE NASTRI

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South Coast AQMD implements the California Air Toxics "Hot Spots" Information Act through Rule 1402 and includes requirements beyond the state law. The AB 2588 Program as implemented under Rule 1402 is only one part of South Coast AQMD's comprehensive program in regulating air toxics. Other elements include permitting, rule development, enforcement efforts, and the Multiple Air Toxics Exposure Study.

Executive Summary

Executive Summary

The California Air Toxics “Hot Spots” Information and Assessment Act (AB 2588) was enacted in 1987. It is a key statewide program implemented by local air districts to address health risks from air emissions associated with existing permitted facilities. One of the main goals of AB 2588 is to provide the public with information regarding potential health effects from toxic air contaminants emitted from existing permitted facilities, and to develop plans to reduce associated risks. The South Coast Air Quality Management District (South Coast AQMD) implements AB 2588 requirements through Rule 1402, which includes additional requirements beyond the state law, including a program to encourage facilities to voluntarily reduce risk, and to compel high risk facilities to reduce toxic emissions much more quickly than previously required.

The AB 2588 Program as implemented under Rule 1402 is only one part of South Coast AQMD’s comprehensive program in regulating air toxics. Other elements include South Coast AQMD’s permitting program and Rule 1401 requirements, enforcement efforts to ensure facilities comply with all applicable air quality requirements, and the Multiple Air Toxics Exposure Study, a study measuring the amount of regional toxic air contaminants and their risks throughout the air basin. Additionally, within the past five years, South Coast AQMD has performed ambient air monitoring in many neighborhoods and found high levels of air toxic contaminants. This monitoring has helped to identify high risk facilities, thereby requiring them to implement risk reduction measures under Rule 1402. Monitoring will also be an important component for implementation of the AB 617 program that targets air pollution reductions in environmental justice communities.

Under state law, South Coast AQMD is required to prepare an Annual Report of activities. This report fulfills that requirement and describes the South Coast AQMD’s ongoing efforts to regulate and reduce air toxic emissions.

The following summaries highlight key AB 2588 activities in 2020:

AB 2588 and Rule 1402 Implementation Activities	Prioritized 128 facilities based on their quadrennial toxic emission inventory updates
	Initiated 77 audits based on prioritization scores
	Reviewed 29 ATIRs, 3 HRAs, 2 RRP, and 3 VRRPs, and 6 revised priority scores from 48 facilities
	Conducted 5 public notification meetings
Streamlining and Program Improvement Activities	Provided support to rulemaking and AB 617 staff
	Provided support in implementation of Rule 1420.2

In addition, AB 2588 staff also provided comments to California Air Resources Board (CARB) on the proposed amendments to the Air Toxics “Hot Spots” Emissions Inventory Criteria and Guidelines Regulation including expanding the list of chemicals required for reporting. The amendments were approved in November 2020. CARB proposed additional amendments through a 15-day review process. The regulation is expected to be finalized in 2021.

Chapter 1

California's Air Toxics "Hot Spots" Program



The California Air Toxics "Hot Spots" Information Act was adopted in 1987 under Assembly Bill 2588. This chapter will cover the elements and requirements of the program including emissions reporting, prioritization, health risk assessments, public notification, risk reduction plans, and industry wide sources.

California's Air Toxics "Hot Spots" Program

Background

In 1987, the California legislature adopted the Air Toxics "Hot Spots" Information and Assessment Act. The "Hot Spots Act" was proposed under Assembly Bill 2588 and therefore is commonly referred to as AB 2588. Since exposure to toxic air contaminants may produce various adverse health impacts, AB 2588 incorporated specific activities such as collecting emissions data of toxic air contaminants from stationary sources, identifying facilities having localized impacts, determining potential health risks, and notifying affected individuals. CARB has developed some components of the AB 2588 Program requirements of the "Hot Spots" Act; however, local air districts are required to implement and enforce the requirements. This chapter describes the state requirements of the AB 2588 Program.

Emissions Reporting

Facilities are subject to AB 2588 reporting requirements if they emit any toxic air contaminants listed by CARB in the *Emission Inventory Criteria and Guidelines for the Air Toxics "Hot Spots" Program* (CARB EICG).¹ Under the AB 2588 Program, larger facilities (core facilities) are subject to individual reporting requirements while facilities that are generally small businesses are grouped into industrywide source (IWS) categories, which are described later in this chapter. CARB EICG provides both criteria and direction for facilities to compile and submit air toxic emission data. The requirements within the CARB EICG have been incorporated by reference into Title 17 of the California Code of Regulations and thus are enforceable.

Prioritization

Core facilities in the AB 2588 Program submit an air toxics inventory once every four years. The AB 2588 Program requires air districts to categorize each facility using the reported emissions as either high, intermediate, or low priority to determine if a facility needs to conduct a Health Risk Assessment (HRA) and to determine appropriate program fees. The California Air Pollution Control Officers Association (CAPCOA) *Facility Prioritization Guidelines* (CAPCOA Prioritization Guidelines) provides state-wide guidance to local air districts for prioritizing facilities.²

The CAPCOA Prioritization Guidelines³ presents two procedures for prioritizing facilities. The emission and potency procedure relies on three parameters to prioritize facilities: emissions, potency or toxicity, and the proximity of potential receptors; the dispersion adjustment procedure relies on four parameters: emissions, potency or toxicity, dispersion, and receptor proximity. While there are two procedures, both are similar and involve calculating screening-level scores for separate health effects in order to derive a final score.

¹ *Emission Inventory Criteria and Guidelines for the Air Toxics "Hot Spots" Program*, September 26, 2017, California Air Resources Board

<https://www.arb.ca.gov/ab2588/final/reg.pdf>

² *Facility Prioritization Guidelines*, August 2016, California Air Pollution Control Officers Association
<http://www.capcoa.org/wp-content/uploads/2016/08/CAPCOA%20Prioritization%20Guidelines%20-%20August%202016%20FINAL.pdf>

³ South Coast AQMD utilizes its own Prioritization Procedure, described in the next chapter.

Using the procedures, a facility first receives separate scores for carcinogenic (cancer) effects and non-cancer chronic and acute effects. The facility is then given a Total Facility Score (TS) which is the higher of these scores. The Total Facility Scores are separated into three categories: high priority are those with TS greater than 10, intermediate priority for less than or equal to 10 but greater than one, and low priority for TS less than or equal to one. Once a facility is designated as high priority, they may be required to submit a Health Risk Assessment to assess the risk to their surrounding community. Facilities ranked with intermediate priority are considered to be District Tracking facilities and must continue to submit toxics emissions reports on a quadrennial basis. Facilities ranked with low priority may be eligible to be exempted from the AB 2588 Program altogether.

Priority Score	Category	Action
TS > 10	High Priority	Submit HRA
1 < TS ≤ 10	Intermediate Priority	No HRA required; continue toxics emissions reports
TS ≤ 1	Low Priority	May be eligible to be exempt from AB 2588 Program

Health Risk Assessments

AB 2588 requires that the Office of Environmental Health Hazard Assessment (OEHHA) develop risk assessment guidelines for the program. The most recent version of these guidelines is the February 2015 version of *The Guidance Manual for Preparation of Health Risk Assessments*⁴ (OEHHA HRA Guidelines). The 2015 OEHHA HRA Guidelines incorporated age sensitivity factors which resulted in increased cancer risk estimates by approximately three times. The OEHHA HRA Guidelines contains a description of the algorithms, recommended exposure variates, cancer and non-cancer health values, and the air modeling protocols needed to perform a HRA in accordance with the state AB 2588 Program. The entire risk assessment process can be characterized in four steps described below:

Hazard Identification

Hazard Identification involves identifying all toxic air contaminants emitted from a facility and whether these pollutants are potential human carcinogens or non-carcinogens containing other types of adverse health effects. A facility must identify all substances that are listed in the CARB Emissions Inventory Guidelines.

Exposure Assessment

The purpose of the exposure assessment is to estimate extent of public exposure of emitted toxic air contaminants and estimating exposures for which potential health effects will be evaluated. Evaluating exposure involves emission quantification, air dispersion modeling, and identifying exposure routes and exposure durations.

⁴ <https://oehha.ca.gov/media/downloads/crrn/2015guidancemanual.pdf>

Dose Response

Dose-response assessment is the process of characterizing the relationship between exposure to a toxic air contaminant and the incidence of an adverse health effect in exposed populations. For dose-response, OEHHA has compiled cancer potency factors and non-cancer reference exposure levels (RELS) for certain toxic air contaminants. By using these factors along with the estimated exposure information for the toxic air contaminants identified during the hazard identification process, potential cancer and non-cancer risks can be evaluated during risk characterization.

Risk Characterization

Risk characterization is the final step of the risk assessment process. Modeled concentrations and exposure information determined through the exposure assessment process are used with cancer potency factors and non-cancer RELs to assess total cancer risk and noncarcinogenic health effects. An HRA shows the combined cancer risk and non-cancer risk for all toxic air contaminants emitted from a specific facility.

Public Notification

Public notification is a core element of the AB 2588 Program requirements. California Health and Safety Code (H&S Code), Section 44362(b) requires the operator of the facility to provide notice to all exposed persons regarding the results of the HRA if the local air district finds there is significant health risk from the facility. The public notification procedures are specified by the local air districts.

Risk Reduction Plans

In 1992, the California legislature added a risk reduction component, the Facility Air Toxic Contaminant Risk Audit and Reduction Plan (SB 1731), which required each air district to specify the a risk threshold, above which risk reduction would be required. The requirements of SB 1731 are found in California H&S Code, Sections 44390 through 44394. The requirements are for facilities to audit and identify the source of toxic emissions and risk, then develop and carry out a plan to reduce the emissions and risk. This state law also presents an implementation timeline for risk reduction plans; however, local air districts may create more stringent timelines in their respective programs.

Industrywide Sources

Under the AB 2588 Program individual air districts may designate separate IWS categories. Facilities falling into this category are generally small businesses where individual compliance would impose economic hardship. The advantage to industrywide categories is that compliance may be handled collectively for each category rather than each individual facility. For each IWS category, a district may prepare an industrywide emission inventory and HRA. The California Air Pollution Control Officers Association (CAPCOA), in cooperation with OEHHA and CARB develop IWS risk assessment guidelines.⁵ These guidelines provide a cost-effective and uniform method for calculating facility emissions and estimating toxic risks for these facilities under each

⁵ Three IWS risk assessment guidelines have been published: autobody shops, dry cleaners, and retail gasoline stations
<https://ww3.arb.ca.gov/ab2588/riskassess.htm>

air district's jurisdiction.

The requirements for designating individual IWS categories are:

- facilities must emit less than 10 tons per year of criteria pollutants;
- facilities share a common Standard Industrial Classification (SIC) code;
- the majority of the class are small businesses;
- individual compliance would impose severe economic hardships; and
- emissions are easily and generically characterized.

Periodic Updates to the AB 2588 Guidelines

The CARB EICG provides direction and outlines the requirements for quantifying and reporting air toxics emissions required by the "Hot Spots" Program. The current regulation was approved by the Office of Administrative Law on August 27, 2007. CARB adopted amendments to the EICG on November 19, 2020 which includes an expanded chemical list required to be reported based on a phased-in schedule and strengthening source testing requirements.⁶ South Coast AQMD falls under District Group A which requires reporting starting with the 2022 inventory year. Additional chemicals are required to be reported starting for inventory year 2026.

- CARB staff was directed to consider additional modifications to the regulation based on public comments received. This include revising criteria pollutant thresholds and adjusting the phase in schedule. CARB also propose to establish a Sector Phase 3B including wastewater, landfills, composters, and metal shredders. This group will not be required to report the expanded chemical list until inventory year 2028.

⁶ The regulation was submitted by CARB to the Office of Administrative Law in October 2021, but has not yet gone into effect.



South Coast AQMD's Air Toxics "Hot Spots" Program incorporates the requirements of the state AB 2588 program through Rule 1402. South Coast AQMD has achieved significant reductions in air toxics in the Basin. This chapter covers the elements and requirements of the South Coast AQMD Air Toxics "Hot Spots" Program and outlines the AB 2588 staff activities in 2020.

Chapter 2 South Coast AQMD's Air Toxics "Hot Spots" Program

South Coast AQMD's Air Toxics "Hot Spots" Program

Background

The South Coast AQMD's Air Toxics "Hot Spots" Program incorporates the requirements of the state AB 2588 program, as well as additional and/or more stringent requirements. Despite being one of the smoggiest urban areas in the U.S., South Coast AQMD has achieved significant reductions in air toxics in the Basin. For example, monitoring studies have shown that cancer risks have decreased by more than 50 percent in the past decade alone.⁷ While these reductions were primarily attributable to reductions in diesel particulate matter, there have also been a significant reduction in risks from stationary source facilities. The AB 2588 Program as implemented by South Coast AQMD has played a significant role in achieving those reductions, by improving public awareness thereby leading many businesses to voluntarily reduce their toxic emissions, and through mandatory risk reductions triggered by facilities exceeding health risk thresholds. Figure 2-1 below demonstrates the reductions in risk that have been achieved despite the substantial number of facilities located within our district.

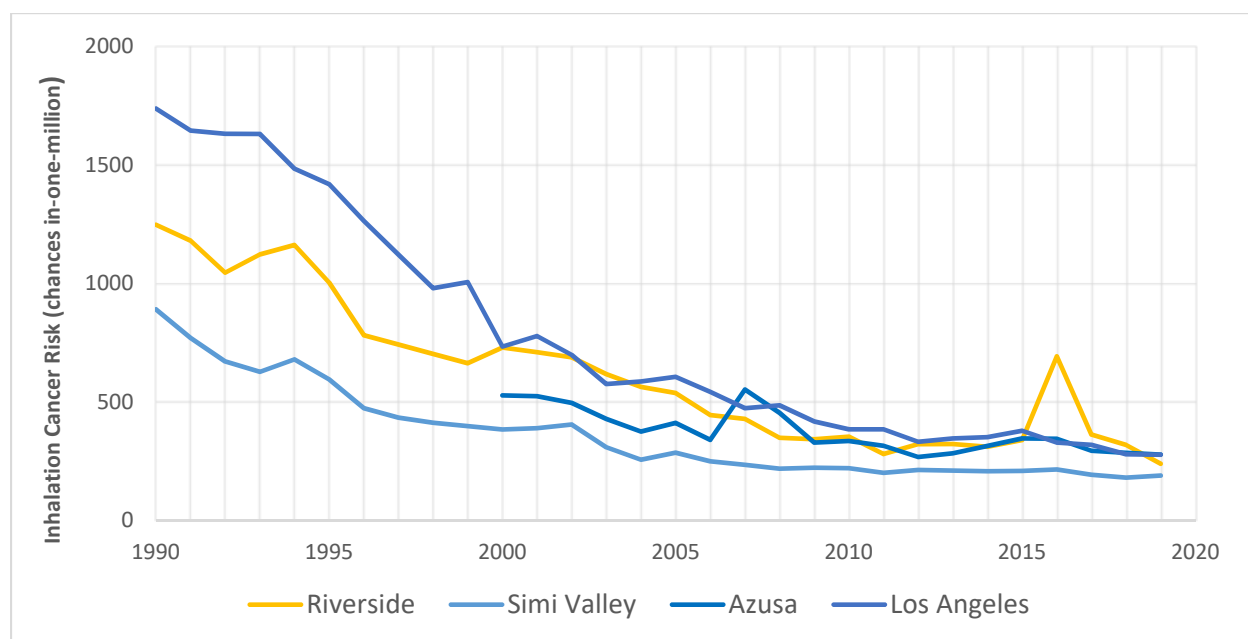


Figure 2-1 – Trends in Inhalation Cancer Risks⁸ in the Basin (1990-2019)

There was an increase in risk in 2016 due to elevated methylene chloride readings in Riverside county. However, the readings from 2016 were not consistent with historical trends, and readings have since decreased. Additional details are provided in Appendix B.

⁷ Reductions measured between the Multiple Air Toxics Exposure Studies (MATES) versions III and IV: https://www.aqmd.gov/docs/default-source/default-document-library/mates-v-admin-comm-presentation-060917final_jg.pdf

⁸ Calculated with 2015 OEHHA Risk Assessment Guidelines, excluding cancer risks from DPM.

South Coast AQMD *Rule 1402 - Control of Toxic Air Contaminants from Existing Sources* implements various aspects of AB 2588 and SB 1731 including public notification and risk reduction requirements for facilities. Rule 1402 adopts health risk thresholds and implementation schedules that are more stringent than those specified in AB 2588 and SB 1731. Rule 1402 was most recently amended in October 2016. This most recent amendment included a new provision beyond what is required under state law. This provision created a Voluntary Risk Reduction Program that allows facilities to implement early risk reduction measures that go beyond the normal risk reduction thresholds in exchange for an alternative public notification process. At the same time, a Potential High Risk Level facility category was also created. Facilities designated under the Potential High Risk Level category must comply with expedited schedules for submitting an Air Toxics Inventory Report (ATIR) and HRA reports and for reducing risk. Both the Voluntary Risk Reduction Program and the new Potential High Risk Level category result in facilities evaluating and reducing their associated air toxics risks faster than would occur under the state AB 2588 program alone.

Program Implementation Elements

Under South Coast AQMD's AB 2588 Program, core facilities are categorized into four groups, or phases. Phases are assigned to discrete reporting years with each phase reporting once every four years. Currently, there are over 400 core facilities as categorized in Table 2-1 that are subject to the following main components of the South Coast AQMD's AB 2588 Program:

- **Emissions Reporting** – Since the FY 2000-01 reporting cycle, toxics emissions reporting for the AB 2588 Program was incorporated into South Coast AQMD's Annual Emissions Reporting (AER) Program. Core facilities must report emissions of any toxic air contaminants or ozone depleting compounds (ODC) specified in South Coast AQMD's Rule 301 (e) through the AER Program. Since there are four phases, each core facility is required to submit a more detailed inventory by reporting approximately 180 toxic air contaminants during the quadrennial reporting year. This detailed inventory serves as a foundation for an ATIR, if required.
- **Prioritization** – South Coast AQMD uses a refined method for prioritizing facilities based on CAPCOA Guidelines. The current South Coast AQMD Procedure incorporates the revised risk calculation methodologies from the 2015 OEHHA HRA Guidelines. The South Coast AQMD Prioritization Procedure is described in more detail in the *Streamlining Activities* chapter.
- In 2020, 128 facilities were required to report their quadrennial toxic emission inventory updates. Based on emissions inventory submittals, South Coast AQMD staff calculated priority scores for these facilities.
- **Health Risk Assessment** – High priority facilities (those with priority scores greater than ten), including those that qualify for the Voluntary Risk Reduction Program, are required to prepare an ATIR, a complete and detailed inventory of approximately 500 toxic air contaminants, along with detailed information about the processes and release points using the Emissions Inventory Module from the latest CARB Hotspots Analysis and Reporting Program (HARP). For facilities participating in the traditional pathway, if the ATIR indicates that the facility is still considered a high priority, the facility must prepare an HRA that conforms to the OEHHA HRA Guidelines. Specific instructions for the South Coast AQMD are also available in the *AB 2588 and Rule 1402 Supplemental Guidelines*,

(*Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics "Hot Spots" Information and Assessment Act*).⁹ This document is commonly referred to as the AB 2588 Supplemental Guidelines.

- **Public Notification** – If the health risk reported in the HRA exceeds the Notification Risk Levels of Rule 1402, then the facility is required to provide public notice to the affected community. The Notification Risk Levels of Rule 1402 are triggered when cancer risk from the facility exceeds 10 chances in-one-million, or when the acute or chronic hazard indices are greater than 1. The requirements for public notification are described in the *South Coast AQMD Public Notification Procedures for Facilities Under the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588) and Rule 1402*, October 2016 (South Coast AQMD Public Notification Procedure).¹⁰ These requirements emphasize transparency in communicating risk to the affected community in the following ways:
 - The notice must clearly identify the area above the notification thresholds.
 - The notice must be distributed to all addresses (individual residences and workplaces), and to parents of children attending school in the area of impact.
 - The approved HRA must also be provided to all schools in the area of impact.
 - South Coast AQMD conducts a public meeting to describe the HRA results to the affected community and to answer questions from community members.
- **Risk Reduction** – Rule 1402 adopts stringent health risk thresholds and aggressive implementation schedules that are beyond the traditional AB 2588 and SB 1731 state requirements (see Table 2-2). Under state requirements, facilities exceeding a significant risk threshold must reduce risk within five years. Under Rule 1402, Potential High Risk Level facilities must submit an Early Action Reduction Plan to immediately reduce risk, followed by a detailed Risk Reduction Plan designed to comprehensively reduce risk. The Risk Reduction Plan under Rule 1402 must be implemented as quickly as feasible, but no later than two years after approval. Facilities exceeding the Action Risk Level under Rule 1402 must also implement risk reduction plans no later than two and a half years after risk reduction plan approval.¹¹ Rule 1402 also includes an optional Voluntary Risk Reduction Program provision that is designed to achieve risk reductions that are not otherwise required under state program requirements. In order to qualify for the Voluntary Risk Reduction Program, a facility must have a previously approved HRA and must not be designated as a Potentially High Risk Level facility.
- **Fees** – State and local costs of implementing the Act are recovered through annual fees. As described previously, AB 2588 requires each district to recover state and district program costs. These fees are specified in South Coast AQMD Rules 307.1.

⁹ *AB 2588 and Rule 1402 Supplemental Guidelines, (Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics "Hot Spots" Information and Assessment Act)*, September 2020, South Coast AQMD.

¹⁰ http://www.aqmd.gov/docs/default-source/planning/risk-assessment/pn_procedures.pdf

¹¹ Rule 1402 allows extensions but only for those facilities that meet certain requirements. Extensions are not allowed for facilities exceeding the Significant Risk Level. Even with extensions, the implementation timelines are shorter than state requirements.

Table 2-1: AB 2588 Facilities by Industry Category

Facility Categories	Number of Facilities
Aerospace	39
Airports	1
Amusement Parks	2
Building/Construction/Mineral Products	46
Bulk Plants	17
Cement Production	1
Chemical Plants	12
Crude Oil Production	34
Dairy/Poultry Farms	7
Electricity Generation	32
Electronic	4
Entertainment	5
Fermentation and Brewing (Breweries/Distilleries/Wineries)	1
Food flavoring manufacturing	1
Furniture/Household Products	2
Glass Production	1
Harbors	1
Hospitals and Health-Related	29
Hydrogen Production	3
Iron and Steel Production	8
Landfill – Industrial Waste	1
Landfill - Municipal Solid Waste	20
Metal and Alloys Products	22
Military Base	4
Other Agricultural Processing	1
Other Food Processing Facility	1
Other Industrial/Manufacturing	61
Other Institutional/Commercial	19
Other Service/Commercial	4
Other Waste Disposal	1
Petroleum Refinery	10
Pharmaceuticals	5
Printing/Publishing	1
Pulp and Paper Manufacturing	4
Schools and Educational Institutions	16
Terminal Depots	15
Wastewater Treatment – Industrial	1
Wastewater Treatment – Municipal	23
Aerospace	39
Total Facilities	455

Table 2-2: Rule 1402 Risk Reduction Categories

Rule 1402 Levels	Thresholds	Requirements	RRP Implementation Timeline
Notification Risk Level	Cancer risk of 10 chances in-one-million or greater Acute or chronic HI of 1.0 or greater Exceeding lead National Ambient Air Quality Standard (NAAQS)	Public notification	No risk reduction required
Voluntary Risk Level	Cancer risk of 10 chances in-one-million or greater Acute or chronic HI of 1.0 or greater Exceeding lead National Ambient Air Quality Standard (NAAQS)	Public notification (modified) and implement VRRP	No later than 2.5 years after approval of plan (an additional 2.5 years extension may be requested)
Action Risk Level	Cancer risk greater than 25 chances in-one-million Cancer burden of 0.5 or more Acute or chronic HI of 3.0 or more Exceeding lead NAAQS	Public notification and implement RRP	No later than 2.5 years after approval of plan (an additional 2.5 years extension may be requested)
Significant Risk Level	Cancer risk of 100 chances in-one-million or greater Acute or chronic HI of 5.0 or more	Public notification and implement RRP	No later than 2 years after approval of plan for facilities designated as Potentially High Risk Facilities

Figure 2-2 shows the process used by South Coast AQMD to implement AB 2588 under Rule 1402.

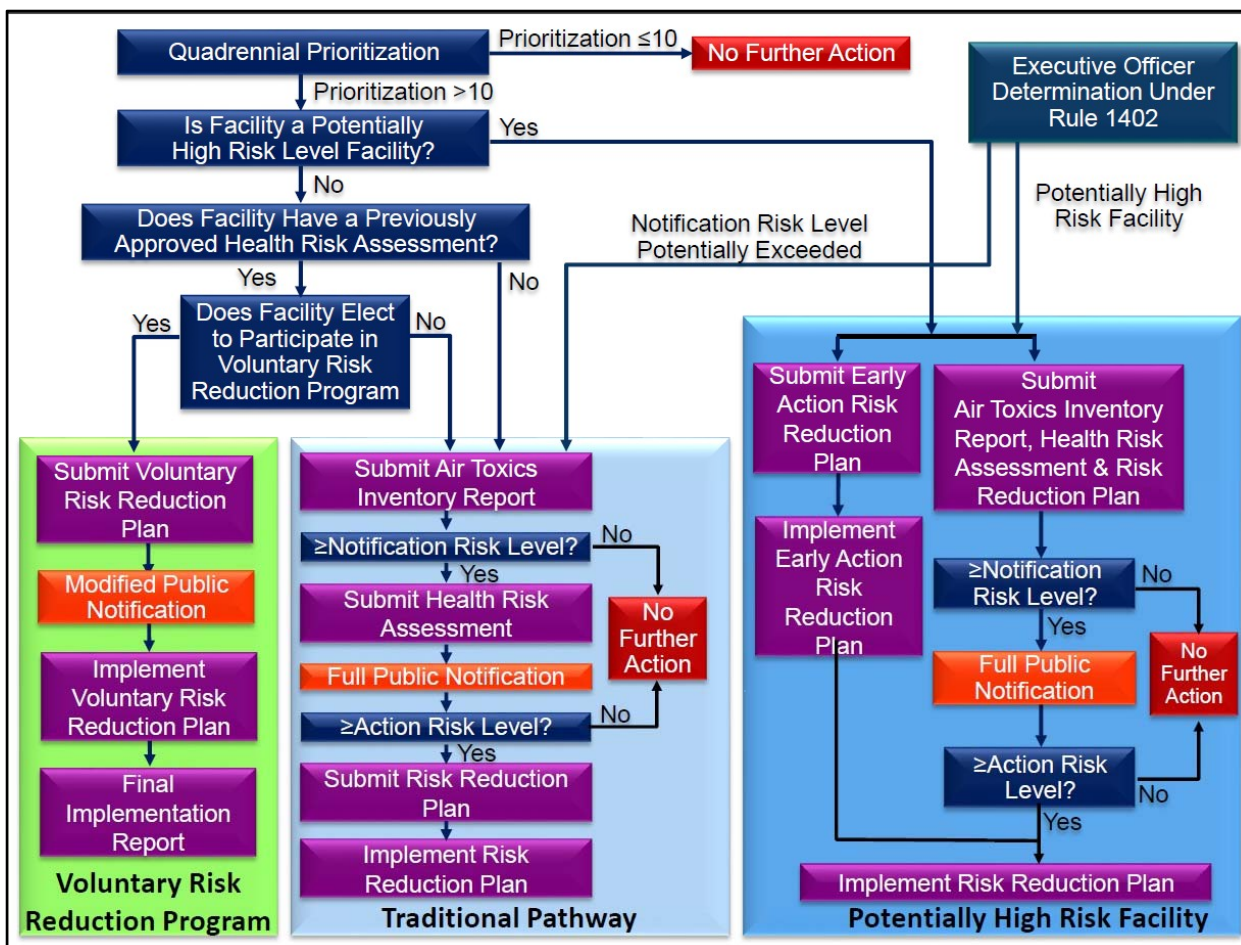


Figure 2-2 – Overview of the AB 2588 Program

Progress in Implementing the AB 2588 Program

From the beginning of the AB 2588 Program in 1987 through the end of 2020, staff has reviewed and approved 354 HRAs from 341 facilities. There are more approved HRAs than facilities as some facilities have prepared more than one HRA. Of these 341 facilities, 30 were required to implement risk reduction measures, 62 were required to perform public notification activities, while the remaining facilities were below the public notification threshold. As a result of the AB 2588 Program, about 95 percent of facilities that have been in the Program historically have HRAs demonstrating cancer risks below ten chances in-one-million and a hazard index (HI) of less than 1.0 for both non-cancer acute and non-cancer chronic, or their emissions have been low enough to not require an HRA. The summary of risks from approved HRAs illustrated in Figure 2-3 is based on the information in Appendix C, which lists the core facilities and the health risks from their approved HRAs. Table C-1 in Appendix C lists the facilities in order of their cancer risks and Table C-2 in Appendix C lists the same facilities ordered by facility ID. Table D-1 in Appendix D lists facilities which have prepared a Risk Reduction Plan (RRP) for the AB 2588 Program and their corresponding health risks [H&S Code 44363(a) (2) and (3)] and Table D-2 in Appendix D lists facilities which have successfully participated in the Voluntary Risk Reduction Program. Appendix E contains a list of acronyms and abbreviations used in this report.

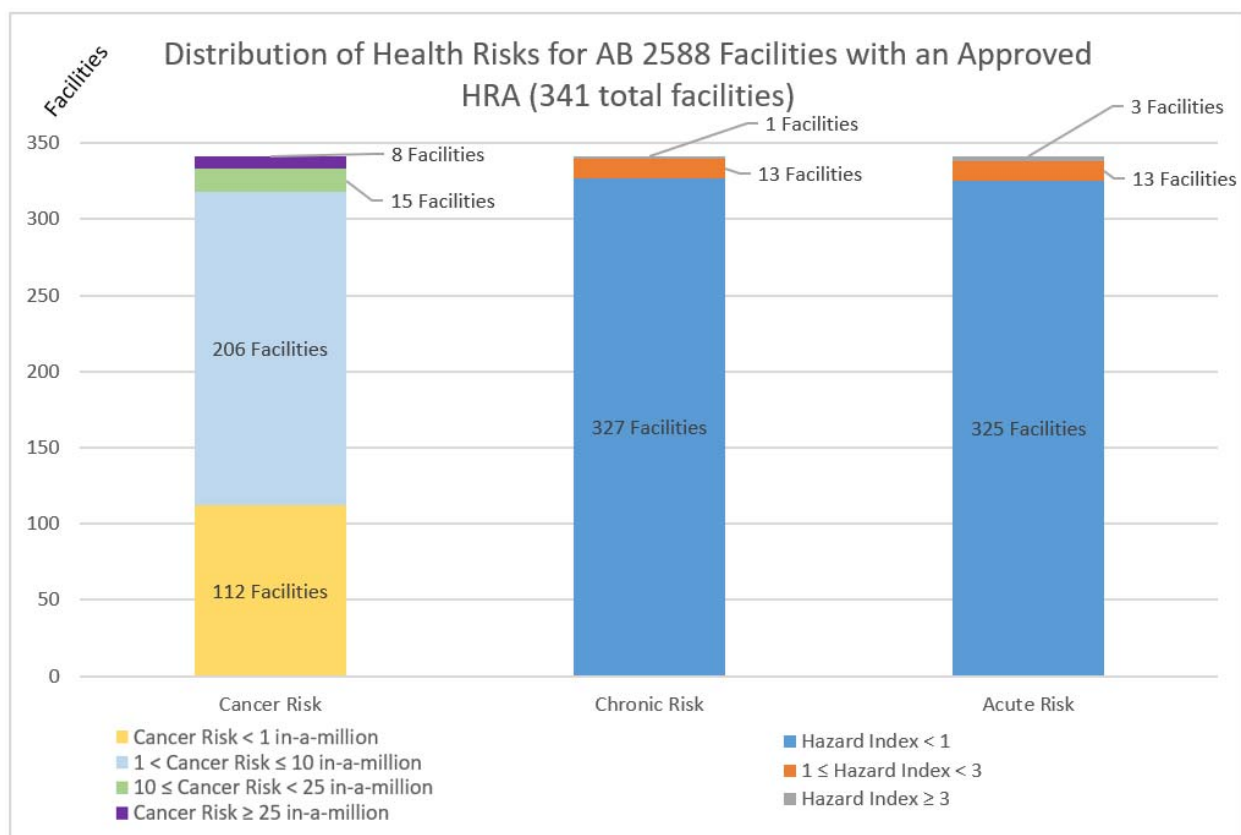


Figure 2-3 – Distribution of Risks for AB 2588 Facilities with an Approved HRA

Summary of South Coast AQMD Staff Activities for AB 2588 Facilities in 2020

In 2020, staff addressed facilities in various stages of the AB 2588 process and initiated audit activities on 77 facilities with 21 facilities with priority scores greater than 10. Key activities conducted include review of 29 ATIRs, three HRAs, two RRP, three Voluntary Risk Reduction Plans (VRRPs), and six revised priority scores. Many of these key activities were for facilities that tend to have more sources and are more complex such as refineries and other industrial facilities. Overall, a total of 120 documents were reviewed in 2020 from 48 facilities, with some facilities having multiple documents submitted for South Coast AQMD staff review. Table 2-3 presents a summary of key activities for facilities participating in the traditional AB 2588 Program and Table 2-4 presents a summary of key activities for facilities participating in the Rule 1402 Voluntary Risk Reduction Program.

Table 2-3: Actions Taken in 2020 for Facilities in the Traditional AB 2588 Program

Facility Name	ID #	ATIR		HRA		RRP		Status
		R	A	R	A	R	A	
Aerocraft Heat Treating Co. Inc. ^a	23752							See Appendix A.1
Air Liquide Large Industries U.S., LP	148236	X	X	X				
All American Asphalt, - Irvine	82207	X						
All American Asphalt - Irwindale	114264	X						
All American Asphalt - Perris	148146	X						
Anaplex Corp ^a	16951						X	
Arconic Global Fasteners & Rings, Inc.	134931							See Appendix A.7
Bowman Plating Company, Inc.	18989	X						
Breitburn Operating LP	150201	X						
City of Cerritos, Water Division	74396							See Appendix A.11
Coastline High Performance Coatings, Ltd.	112684	X						
Eco Services Operations Corp. ^b	180908	X						
Eisenhower Medical Center	3671							See Appendix A.14
Equilon Enter. LLC, Shell Oil Prod. US ^b	800372				X			Public notification meeting on 7/22/2020
Evonik Corporation ^b	183926	X						
Flare Group, dba Aviation Equipment Processing	164581							See Appendix A.19
Gerdau/TAMCO	18931							See Appendix A.20
Glendale City, Glendale Water & Power ^b	800327						X	
Hixson Metal Finishing	11818							See Appendix A.22
Light Metals ^b	83102	X						
Long Beach SERRF	44577	X						
LA City, Street Maintenance Bureau Department of Public Works	25196							See Appendix A.25
Los Angeles By-Products	60384							See Appendix A.26

Facility Name	ID #	ATIR		HRA		RRP		Status
		R	A	R	A	R	A	
Lubeco Inc ^a	41229						X	Public notification meeting on 2/5/2020
MM West Covina LLC ^b	113873				X	X	X	Public notification meeting on 5/19/2020
Motion Picture & Television Fund	16211	X						
PABCO Bldg Products LCC	45746							See Appendix A.30
Pac Rancho, Inc.	140871	X	X	X				
Pacific Clay Products, Inc.	17953	X						
Phillips 66 Co/LA Refinery Wilmington Plant ^b	171107			X	X	X		Public notification meeting on 10/1/2020
Plains West Coast Terminals	800417							See Appendix A.34
R.J. Noble Company	19167	X						
Robertson's Ready Mix – Gardena	134112	X						
Robertson's Ready Mix – Redlands	42623	X						
San Diego Gas & Electric	4242	X						
Schlosser Forge Company	15504							See Appendix A.39
SFPP, L.P ^b	800278	X						
So Cal Edison Co ^b	4477				X			Public notification meeting on 6/24/2020
So Cal Gas Co./Playa del Rey Storage Facility	8582							See Appendix A.42
Sully Miller Contracting Company	105277							See Appendix A.43
Vista Metals Corporation ^b	14495	X						
Vorteq Pacific	191677	X						
Whittier Fertilizer	511				X			

Notes:

For ATIRs, HRAs, and RRP: R=Report Received; A=Report Approved.

^a Classified as Potentially High Risk Level Facility and under an Order for Abatement during 2018.

^b Indicates facility notified to prepare either an ATIR or a VRRP. Facilities listed in this table elected to prepare an ATIR.

Table 2-4: Actions Taken in 2020 for Facilities in the Voluntary Risk Reduction Program

Facility Name	ID #	VRRP		Status
		R	A	
Chevron Products Co. (El Segundo Refinery)	800030			See Appendix A. 10
Elite Comfort Solutions	182610	X	X	
Tesoro Refining & Marketing Co., LLC, Los Angeles Refinery	800436			See Appendix A.44
	174655			
	174694			
	174703			
Torrance Refining Company LLC	181667	X	X	
Ultramar Inc	800026	X		

Notes:

For VRRPs: R=Report Received; A=Report Approved.

A description of these activities for each facility in Tables 2-3 and 2-4 is listed in Appendix A

Air Monitoring Activities

In addition to the AB 2588 Program, South Coast AQMD also conducts other activities to address air toxics, including special monitoring projects. In 2013, South Coast AQMD staff began conducting an investigation into local sources of emissions, including initiating a local air sampling study after receiving a series of metallic odor complaints from local community members in the City of Paramount (Paramount) and surrounding areas. The purpose of these activities was to determine the source of emissions and potential air pollution control strategies. This investigation focused on two toxic metals of concern: nickel and hexavalent chromium. Monitoring efforts have been expanded and now includes West Rancho Dominguez.

Paramount

In July 2016, a larger number of samplers were deployed to allow South Coast AQMD to better measure spatial and temporal variations of hexavalent chromium in the area and identify its potential sources. In October 2016, South Coast AQMD initiated an extensive air monitoring campaign to assess levels of hexavalent chromium in the industrialized sections of Paramount. Highly elevated levels were found initially, and additional efforts were conducted to identify and address sources of hexavalent chromium that were impacting nearby communities. Once potential sources were identified, the sampling strategy was adjusted to focus on specific facilities and on characterizing hexavalent chromium levels in the adjacent communities. As a result, several facilities made a range of improvements, some voluntary and some through rule changes and enforcement actions. These changes have substantially reduced ambient hexavalent chromium levels in Paramount and surrounding areas. As a result, South Coast AQMD is updating its air monitoring efforts in Paramount to focus on conducting studies to evaluate other potential sources of hexavalent chromium and also monitoring other areas of the Basin that may have higher potential for air toxics exposure.

Throughout this period, air monitoring in Paramount has occurred at a total of 38 locations as shown in Figure 2-4, and 12 schools. School sampling has been supported by CARB. Because hexavalent chromium levels in Paramount have been declining steadily and are now within the typical levels, the size of this monitoring network was reduced to focus on other areas that have higher potential for air toxics exposure. In 2020, South Coast AQMD collected air samples for hexavalent chromium analysis at seven locations in the City of Paramount. Among these monitoring locations, four are adjacent to facilities that are operated under an Order of Abatement during 2018 with South Coast AQMD’s independent Hearing Board (“Compliance” sites; see Figure 2-4). The remaining monitoring sites are close to other potential sources or near residential areas and sensitive receptors of Paramount.

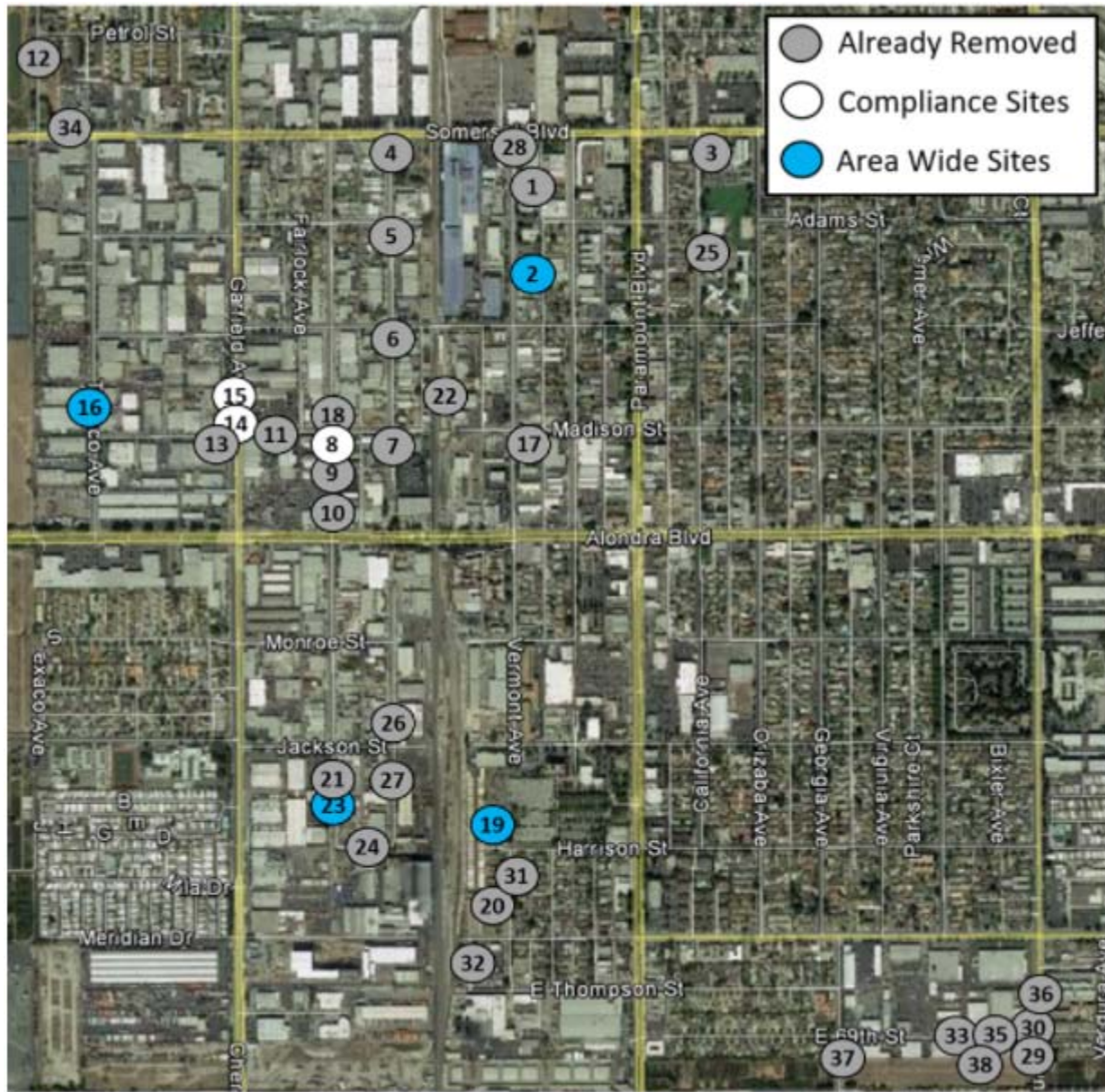


Figure 2-4: Location of the monitoring sites in the City of Paramount

Continued Air Toxics Monitoring in Communities

As a result of lessons learned during South Coast AQMD's investigation into air monitoring for sources of toxic metal emissions in Paramount and other areas, in 2017 the Board directed staff to continue to investigate, identify, and pursue remediation of additional sources across our four-county region that may emit high levels of toxic air contaminants.¹² If facilities are identified with high levels of toxic emissions, South Coast AQMD may seek Orders for Abatement from the independent South Coast AQMD Hearing Board to require these facilities to quickly reduce their emissions to a level that does not pose an immediate threat to public health. South Coast AQMD may also designate facilities as Potentially High Risk Level Facilities under Rule 1402.

The goal of this initiative is to eliminate or minimize the release of hexavalent chromium into the environment associated with metal-processing facilities. This program is expected to be a seven-year, labor-intensive effort with the air monitoring portion costing approximately \$6 million to \$7 million annually. It focuses on a variety of metal processing facilities across South Coast AQMD's four-county jurisdiction with the potential to emit toxic metal contaminants including hexavalent chromium, lead, arsenic, cadmium and nickel.

As with the process in Paramount, South Coast AQMD staff will engage and communicate regularly about its work with residents, community groups, local governments and their elected officials, partner regulatory agencies, affected facilities and industry groups. South Coast AQMD will seek to leverage the regulatory authorities of other agencies to assist in swiftly curtailing emissions from high-emitting facilities.

West Rancho Dominguez

In June 2019, the South Coast AQMD staff began collecting hexavalent chromium air monitoring samples in West Rancho Dominguez, which is an industrial area within the AB 617 Wilmington, Carson, West Long Beach community. Sampling equipment was installed at 14 different locations within a two-block area and data collected from these locations showed elevated levels of hexavalent chromium. Figure 2-5 below shows the location of the various air monitors. South Coast AQMD has been collecting air samples at Sites #1 through Site #10 since June 5, 2019, while monitoring for Sites #11 through #14 began at the end of July, 2019. Due to consistently low readings, Sites #1, 3, 4, 6 8-10, 12, and 13 are no longer active as of October 2020.

South Coast AQMD has been investigating potential sources in the vicinity of these monitors and working with the facilities to identify voluntary actions that could be implemented to reduce hexavalent chromium emissions. These actions include improvements to building enclosures, operational changes, add-on controls, housekeeping measures in addition to new requirements under amended Rule 1469. This rule for chromic acid anodizing and chrome plating facilities requires additional pollution controls on certain tanks that were previously unregulated resulting in additional hexavalent chromium emissions reductions. South Coast AQMD continues to work with facilities in the area to identify and address additional potential sources of hexavalent chromium.

Monitoring efforts have continued in this area with ongoing investigation of potential sources within the vicinity of the monitoring network, and with some facilities brought into the AB 2588 core program.

¹² <http://www.aqmd.gov/docs/default-source/news-archive/2017/air-toxics-action-plan-april-7-2017.pdf>



Figure 2-5: Location of the monitoring sites in the West Rancho Dominguez

Assembly Bill 617 (AB 617)

AB 617 was passed by the California legislature in 2017 and focuses on improving air quality and public health in environmental justice communities. South Coast AQMD uses criteria, such as air pollution data and community nominations, to select and recommend communities to the California Air Resources Board (CARB) for the AB 617 program.

In September 2018, CARB approved three communities for Year 1, which include:

- Wilmington, Carson, West Long Beach;
- San Bernardino, Muscoy; and
- East Los Angeles, Boyle Heights, West Commerce.

In December 2019, CARB approved two additional communities for Year 2, including:

- Southeast Los Angeles; and
- Eastern Coachella Valley.

In 2020, CARB approved the South Los Angeles community for Year 3.

The air quality priorities for each community are identified by a Community Steering Committee (CSC). Additionally, each CSC works with South Coast AQMD staff to develop plans for community air monitoring and emissions reductions. Additional information about the AB 617 program is available online at www.aqmd.gov/ab617.

Chapter 3

South Coast AQMD AB 2588 Implementation Tools



AB 2588 staff use various tools to implement the South Coast AQMD's AB 2588 program. AB 2588 staff also continually aim to improve South Coast AQMD's AB 2588 program and to help affected facilities comply with rule requirements.

South Coast AQMD AB 2588 Implementation Tools

Background

South Coast AQMD has undertaken several efforts to help affected facilities comply with rule requirements and to interact with the public regarding general air quality-related issues. This chapter describes these efforts along with the services created to advance these efforts.

South Coast AQMD Guidelines and Procedures for AB 2588

Consolidated Emissions Reporting

As described earlier, core AB 2588 facilities are required to provide an update of their toxics emissions inventory to South Coast AQMD on a quadrennial basis. Beginning with the fiscal year 2000-01 reporting cycle, toxics emission reporting was incorporated into South Coast AQMD's Annual Emissions Reporting (AER) Program. This was the first step towards streamlining emissions reporting between criteria pollutants and toxics. In 2008, South Coast AQMD created a web-based reporting system for facilities. The reporting tool automatically identifies if a facility is in the AB 2588 Program and also informs a facility if a particular year is subject to a quadrennial update. These upgrades and consolidation efforts have made for a much more efficient system that benefits both facilities and South Coast AQMD staff. This same system will be used to assist in implementing CARB's recently adopted Criteria and Toxics Reporting regulation and its upcoming amendment to its Emissions Inventory Criteria Guidelines regulations.

Prioritization Procedures

South Coast AQMD has taken various steps over the years in streamlining prioritization procedures for the AB 2588 Program while maintaining consistency with the CAPCOA guidelines. In 2016, South Coast AQMD adopted the use of local meteorological stations and evaluated risks at actual closest receptor locations in addition to evaluating receptors in the worst case wind direction. Most recently in July 2018, the procedures were updated to incorporate the most recent meteorological data set and to simplify the calculation of a facility's non-cancer acute priority score. By using the South Coast AQMD Prioritization Procedure, fewer facilities are incorrectly categorized as high priority.¹³ This streamlining is highly effective since less facilities are immediately notified each year, and allowing staff to focus resources more on higher risk facilities.

The AB 2588 group also conducts a detailed audit of those facilities that are initially categorized as high priority to ensure proper designation. Certain steps may include confirming the correct use of emission factors, control efficiencies, source test methods, and relative proportions of toxic air contaminants. Additionally, staff confirms the correct distances to residential and worker receptors as well as any modifications to any equipment for the given quadrennial year and contacts the facility as needed for additional clarification. This additional information obtained through priority score auditing will often negate the need to require an ATIR and HRA. This process and use of this refined priority scoring methodology serves to reduce the number of facilities that are required to be notified and overall reduces unnecessary workload for the facilities and for staff.

¹³ <http://www.aqmd.gov/docs/default-source/planning/risk-assessment/ab-2588-facility-prioritization-procedure.pdf>

Hotspots Analysis and Reporting Program (HARP)

The Hotspots Analysis and Reporting Program, commonly known as HARP, is a software suite developed by CARB that assists with the technical requirements of the AB 2588 Program. HARP consists of three independent modules: the Emissions Inventory Module, Air Dispersion Modeling and Risk Tool, and Risk Assessment Standalone Tool. South Coast AQMD requires the use of HARP for Rule 1402 related work such as ATIRs, VRRPs, and HRAs. The use of HARP by facility operators, and other individuals promotes consistency and a more efficient and cost-effective way to develop inventories and conduct HRAs.

General Supplemental Guidelines

The OEHHA HRA Guidance defers to local air districts for specific or additional requirements. The AB 2588 Supplemental Guidelines lists the specific instructions for preparing AB 2588-related documents in South Coast AQMD. By clearly indicating what is required from facilities and by periodically updating the document as needed, South Coast AQMD ensures that facilities have a clear and up to date understanding of all requirements. This will also minimize the amount of general inquiries and preliminary discussions, provided for a more efficient process.

Voluntary Risk Reduction Program

Another element streamlining the South Coast AB 2588 Program is the provision for the Voluntary Risk Reduction Program. We amended Rule 1402 to provide this option in response to industry interest in a mechanism to voluntarily reduce health risks from their facilities in return for modified public notification requirements. A facility may participate in the Voluntary Risk Reduction Program only if it has a previously approved HRA that is below the Action Risk Level and is not a Potentially High Risk Level facility. This program provides a more expeditious risk reduction program than the traditional pathway under state requirements, and also reduces notification requirements and other process for participating facilities. Under the traditional program, facilities are required to reduce cancer risk below 25 chances in-one-million. To successfully participate in the Voluntary Risk Reduction Program, risks from the participating facility must be reduced below 10 chances in-one-million, which is up to 60% reduction in cancer risk compared to the Action Risk Level. Guidelines that describe the requirements of a VRRP are available online.¹⁴

Air Dispersion Modeling

Modeling Guidance

The United States Environmental Protection Agency's (U.S EPA) air quality dispersion model AERMOD is required for use to estimate concentrations of toxic air contaminants for risk assessments conducted pursuant to Rules 1401 and 1402. The AERMOD model is a steady-state Gaussian plume model capable of estimating pollutant concentrations from a wide variety of sources that are typically present at a facility. It is a stand-alone application but has also been incorporated into the CARB-developed HARP program as well as other programs from third party developers. South Coast AQMD has developed guidance regarding the use of AERMOD to assist

¹⁴ *South Coast AQMD Guidelines for Participating in the Rule 1402 Voluntary Risk Reduction Program*, September 2018.
<http://www.aqmd.gov/docs/default-source/planning/risk-assessment/ab-2588-vrrp-guidelines-201809.pdf>

modelers such as the use of regulatory defaults, averaging times, receptor grids and elevation data.¹⁵ The AB 2588 Program staff has provided specific guidance regarding the required parameters in the HARP program. This guidance not only increases the quality of submissions but also decreases the amount of time spent by staff to answer basic questions.

Meteorological Data

South Coast AQMD has prepared meteorological data from 24 stations throughout the South Coast Air Basin for download. The South Coast AQMD website includes a map showing the locations of each of these meteorological stations along with the corresponding most recent five years of meteorological data for each station. The meteorological station that best represents the facility's meteorological conditions (such as prevailing winds), terrain, and surrounding land use should be used in all modeling analyses. In many cases, this would be the nearest located station. South Coast AQMD staff are available to provide assistance to modelers to ensure the most representative station is used.

Other Implementation Tools and Programs

Rule 1401 Guidance

Rule 1401 requires any new, modified, or relocated permit units which emit toxic air contaminants to comply with certain allowable limits. South Coast AQMD has developed the Rule 1401 Risk Assessment Procedures¹⁶ to assist applicants as well as staff to evaluate Rule 1401 and 1401.1 compliance. The guidance document provides four tiers to determine health risk for Rule 1401 risk assessment, ranging from a quick look up table that uses very conservative health-protective values, to instructions to conduct detailed risk assessments involving air quality dispersion modeling analysis. By allowing permit applicants to utilize this tiered option to demonstrate compliance with risk limits, this often leads to an expedited analysis since detailed risk assessments often are not necessary for most permit applications. The document also provides detailed sample calculations and instructions for each tier, allowing facilities to have a more thorough understanding of the risk assessment process associated with Rule 1401.

Web Tools

South Coast AQMD has also developed web tools such as the Facility Information Detail (F.I.N.D) tool that allows a user to search for public information about South Coast AQMD-regulated facilities. Some of the facility information that can be found using F.I.N.D include: general facility details, equipment lists, compliance history, emissions inventory (including toxic pollutants), and hearing board information. There are several existing web-based applications on South Coast AQMD's website that provide similar information, however, F.I.N.D makes the data available in a much more consolidated and user-friendly way. Updates to the database are made at least once

¹⁵ South Coast AQMD modeling guidance is available at:

<http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance>

¹⁶ *Risk Assessment Procedures for Rules 1401, 1401.1 and 212, Version 8.1*, September 1, 2017, South Coast AQMD

<http://www.aqmd.gov/docs/default-source/permitting/rule-1401-risk-assessment/riskassessproc-v8-1.pdf>

<http://www.aqmd.gov/docs/default-source/permitting/rule-1401-risk-assessment/attachmentn-v8-1.pdf>

per week and the tool also includes a very useful interactive map with aerial imagery from the U.S Geological Service.¹⁷

Small Business Assistance

South Coast AQMD has a team of engineers and inspectors that are specifically designated to help small businesses (100 or fewer employees or an annual gross revenue up to \$5 million) understand and comply with air quality rules and regulations. Whether it is assistance in understanding regulations that may apply to a facility, identifying equipment that may need a permit, assistance with permit applications, or even scheduling a no fault on-site inspection, the small business assistance unit act as advocates for these small businesses. Offering these services to smaller businesses serves to streamlines efforts to regulate air quality while also creating a positive open working relationship with small local businesses.

Public Assistance

The South Coast AQMD's AB 2588 Program provides public assistance services that includes both a hotline at (909) 396-3610 and email address (ab2588@aqmd.gov) to answer any program-related questions. Our website also includes a section specifically dedicated to the AB 2588 Program that provides up to date activities, including approved HRAs, RRP's, and public notices, and information on air toxics monitoring in local communities, such as in Paramount.

South Coast AQMD also provides several other services, such as a telephone number to answer fee-related questions, an online complaint system and telephone number where members of the public can notify staff of air quality problems, such as odor and visible emissions.¹⁸ These services help to maintain good working relationships with facilities and to protect air quality and public health.

State Level Air Toxics Related Activities

OEHHA Updates

Toxic Program Impacts with New or Proposed Toxic Air Contaminants

As described previously, OEHHA is required to develop guidelines for conducting HRAs under the AB 2588 Program. In implementing this requirement, OEHHA develops new, revised, or proposed risk factors for many toxic air pollutants. South Coast AQMD staff monitor the progress for these changes closely. For any finalized changes in risk factors, staff performs a preliminary estimate of potential Rule 1402 program impacts. Notice is provided to the Governing Board and affected industries annually through this and other AB 2588 annual reports.

Toxic Air Contaminants with New or Proposed Health Values

OEHHA adopted new 8-Hour Reference Exposure Levels (RELs) and also modified existing chronic and acute RELs¹⁹ for toluene in August 2020. RELs are airborne concentrations of a

¹⁷ <http://www.aqmd.gov/nav/FIND/facility-information-detail>

¹⁸ <http://www3.aqmd.gov/webappl/complaintsystemonline/NewComplaint.aspx>;
Telephone hotline: 1-800-CUT SMOG® (1-800-288-7664)

¹⁹ <https://oehha.ca.gov/air/crn/notice-adoption-reference-exposure-levels-toluene>

chemical that are not anticipated to result in adverse non-cancer health effects for specified exposure durations in the general population, including sensitive subpopulations. Toluene is a solvent that is used in various industries including the production of coatings, cosmetics, cleaning agents, inks, adhesives, and pharmaceuticals. Toluene also occurs naturally as a component of crude oils and is produced in petroleum refining and is also a byproduct from combustion fuels.

OEHHA also adopted a new cancer potency factors for *p*-chloro- α,α,α -trifluorotoluene (*p*-chlorobenzotrifluoride, or PCBTF) in August 2020.²⁰ PCBTF is used in the preparation of dyes, pharmaceuticals, and pesticides. It is also used as a solvent in paints, inks, metal cleaning, and high-solids coating formulations.

Lastly, OEHHA adopted new cancer potency factors for cobalt and cobalt compounds in October 2020.²¹ Some of the main stationary sources in California that use and/or emit cobalt include the petroleum industry, concrete and cement manufacturing facilities, electronic computer manufacturers, semiconductor and electronic components facilities, military and commercial aerospace product and parts manufacturing, tungsten carbide and other super alloy manufacturing, mining and refining operations, lumber mills, and battery manufacturers. Cobalt occurs naturally in the Earth's crust and usually in the form of arsenide and sulfides.

The adopted and revised RELs are summarized in Table 3-1, and the adopted cancer potency factors are summarized in Table 3-2. The previous values are shown in parentheses below the current values; N/A within parentheses indicate no previous value existed.

Table 3-1: New and Revised RELs Health Values in 2020 from OEHHA

CAS #	Name	Chronic REL $\mu\text{g}/\text{m}^3$	8-Hour Chronic REL $\mu\text{g}/\text{m}^3$	Acute REL $\mu\text{g}/\text{m}^3$
108-88-3	Toluene	420 (300)	830 (N/A)	5000 (37,000)

Table 3-2: New Cancer Potency Values in 2020 from OEHHA

CAS #	Name	Inhalation Cancer Potency Factor ($\text{mg}/\text{kg}\text{-day}$) ⁻¹
98-56-6	<i>p</i> -chloro- α,α,α -trifluorotoluene (<i>p</i> -chlorobenzotrifluoride, PCBTF)	3.0×10^{-2} (N/A)
7440-48-4	Cobalt	27 (N/A)

Assessment of Impacts to Existing Facilities

Toluene is a previously listed pollutant and is subject to reporting by AB 2588 facilities every four years. Data from the 2017-2020 reporting years was used to account for facilities reporting toluene

²⁰ <https://oehha.ca.gov/air/crnrr/notice-adoption-cancer-inhalation-unit-risk-factor-p-chloro-aaa-trifluorotoluene>

²¹ <https://oehha.ca.gov/air/crnrr/notice-adoption-cancer-inhalation-unit-risk-factors-cobalt-and-cobalt-compounds>

in different reporting phases. 273 facilities reported annual emissions of toluene. A breakdown of the types of facilities and the number of those types of facilities that reported toluene emissions are presented in Table 3-3.

Table 3-3: 2017-2020 Summary of Toluene Emitting Facilities

Facility Description	Number of Facilities
Petroleum Refinery	53
Water Treatment	40
Petroleum Storage and Transfer	38
Electric Power Generation	35
Metal Work	28
Asphalt Paving	17
Aircraft and Aerospace	16
Waste Disposal	15
Plastics, Rubber, and Foam Manufacturing	13
Construction/Building Activities	4
Paint, Coatings, and Adhesives	3
Parts Manufacturing	3
Motion Pictures	3
Special Warehousing, Buildings	3
Consulting Services	2
Total:	273

Ninety-eight of the 273 facilities have previously approved HRAs. The HRAs for these facilities were approved between 1993 and 2020. Toluene is required to be reported on a quadrennial cycle and therefore is examined when screening and prioritization occurs in accordance with program requirements. Cobalt and PCBTF are currently not included in the list of compounds required to be reported on a quadrennial cycle. Cobalt is required for reporting in ATIRs, whereas PCBTF was previously not required to be reported under the 2007 revision of the CARB Emissions Inventory Criteria Guidelines (EICG) but was included during the November 19, 2020 draft revision to the CARB EICG.

Chapter 4

Future Activities



AB 2588 staff will conduct AB 2588 related activities such as prioritizing facilities, review and approval of Air Toxic Inventory Reports, Health Risk Assessments, host public notification meetings, and continue to review and update guidance documents. AB 2588 staff will also continue to provide support to other South Coast AQMD departments and work with CARB to improve the implementation of the AB 2588 program.

Future Activities

AB 2588 Activities

In 2021, staff will prioritize approximately 95 facilities, and notify those with high priority scores to prepare ATIRs or VRRPs, if eligible, and HRAs and RRP, if necessary. There are a substantial number of ATIRs and VRRPs that are expected to be reviewed in 2021.

Other Support Activities

In addition to routine AB 2588 Program implementation activities, staff will:

- Begin to engage in the Department of Toxic Substances Control's (DTSC) SB 673 rulemaking which will fold existing health risks, community vulnerability, and cumulative impacts into DTSC's permitting process.
- Continue to provide support to rulemaking staff;
- Work with CARB and through the CAPCOA Toxics and Risk Managers Committee (TARMAC) to update CARB AB 2588 Guidelines and develop uniform reporting guidance for various industries;
- Work with CARB to develop guidance and outreach material for implementation of the CARB EICG. This work will also include ensuring that reporting requirements under South Coast AQMD's AB 2588 program and CARB's EICG are as streamlined as possible with other reporting requirements under CARB's Criteria and Toxics Reporting (CTR) regulation and South Coast AQMD's AER program;
- Continue to work with CARB and through CAPCOA-TARMAC to develop HRA guidelines for the industry-wide categories of gasoline dispensing facilities, diesel internal combustion engines, auto body shops, and providing training to South Coast AQMD personnel and the regulated community;
- Train new staff on the expanded emissions reporting under amended Rule 301 and CARB's CTR regulation; and
- Track development of potential health risk value revisions by OEHHA.

Appendix A — Description of Active AB 2588 Related Projects

A.1. *Aerocraft Heat Treating Co. Inc. (ID 23752) – Paramount*

Aerocraft Heat Treating Company (Aerocraft) operates a facility in the City of Paramount that processes forgings, castings, bar, plate and rough-machined parts. The facility uses various heat treating furnaces, quench tanks, and metal grinding equipment, as well as plasma cutting operations. Based on ambient monitoring conducted near Aerocraft which showed elevated levels of hexavalent chromium, Aerocraft was officially designated as a Potentially High Risk Level Facility on December 14, 2016. As part of this designation, Aerocraft was required to submit an Early Action Reduction Plan by March 14, 2017, an ATIR by May 16, 2017, and an HRA and RRP by June 13, 2017. Additional details regarding the ambient monitoring in Paramount and near Aerocraft and events that led up to the designation of Aerocraft as a Potentially High Risk Facility are discussed on South Coast AQMD's website.²²

The Early Action Reduction Plan was received on March 13, 2017 and after South Coast AQMD's staff review, a comment letter was sent on April 26, 2017 requesting revisions and resubmittal. Subsequently, on May 4, 2017, a revised Early Action Reduction Plan was received.

On May 16, 2017, Aerocraft submitted an ATIR, and the HRA and RRP were submitted on June 13, 2017, in accordance with the required deadlines. Conditional approval of the revised Early Action Reduction Plan was granted on May 31, 2017. On February 9, 2018, South Coast AQMD staff provided Aerocraft with comments and recommendations on the submitted ATIR, HRA, and RRP, and requested revision and resubmittal of those respective documents. After technical conference calls with Aerocraft representatives, South Coast AQMD staff received the Revised ATIR on March 29, 2018. The Revised ATIR was approved on May 9, 2018.

The Revised HRA and Revised RRP were received on May 17, 2018. The Revised HRA was approved by South Coast AQMD staff and OEHHA on October 9, 2018. The revised HRA representing the 2016 inventory year indicated that Aerocraft posed a maximum cancer risk of 1,900 chances in-one-million for a residential receptor located at the corner of Madison Street and Illinois Avenue, based on a 30 year residential exposure, and 350 chances in-one-million for the worker receptor located immediately south of Aerocraft, based on a 25 year worker exposure. The cancer risk was mainly due to hexavalent chromium emissions from furnaces and rack welding operations. A cancer burden of 11 was estimated, based on a 70 year lifetime exposure.

The maximum non-cancer chronic hazard indices of 0.10 and 0.15 were projected for residential and non-residential receptors, respectively. The maximum non-cancer 8-hour chronic hazard index is less than 0.01 and the maximum non-cancer acute hazard index was 2.9 at Aerocraft's property boundary.

Since the HRA results were above the Significant Risk Level in Rule 1402, Aerocraft was required to notify the public about the health risk in addition to conducting annual public notification meetings until the Rule 1402 Action Risk Level was achieved pursuant to Rule 1402(p). Notices of the public notification meeting were sent out to over 35,000 people in the area of impact. South

²² Information regarding Aerocraft and compliance-related activities in Paramount can be found at the following link:
<https://www.aqmd.gov/home/news-events/community-investigations/air-monitoring-activities/facilities---order-for-abatement/aerocraft>

Coast AQMD staff held a public notification meeting at the Progress Park Community Center on December 1, 2018 to explain the impact of Aerocraft's emissions on public health and to discuss how risks will be reduced. South Coast AQMD conditionally approved the Revised RRP on April 24, 2019 requiring Aerocraft to construct permanent total enclosures with associated baghouses and Ultra Low Particulate Air (ULPA) filters for Buildings 2 and 3 by December 20, 2019. The building with controls were constructed and operational by August 2019. A source test to demonstrate compliance with permit conditions was conducted on April 23, 2020. A follow-up source test was conducted in late October 2020 and submitted in December 2020 for review.

A.2. Air Liquide Large Industries U.S., LP (ID 148236) – El Segundo

Air Liquide Large Industries U.S., LP (Air Liquide) is a hydrogen plant located within the Chevron El Segundo Refinery facility on land leased from Chevron. Air Liquide and Chevron are independent parties and share no common ownership or employees. The plant began operations in 2004 and was originally part of Chevron before separating in 2008. The plant produces up to 90 million standard cubic feet of hydrogen per day and 227,000 pounds of steam per hour. Air Liquide receives its feed streams which include refinery fuel gas and natural gas from Chevron and sends its products of hydrogen and steam back to Chevron. Hydrogen is used in various aspects of petroleum refining.

On January 25, 2019, South Coast AQMD staff sent a letter requiring Air Liquide to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2016 emissions. The main toxic air contaminants contributing to the priority score are arsenic and arsenic compounds, nickel and nickel compounds, and cadmium and cadmium compounds. The main sources of emissions are from the reformer heater.

South Coast AQMD staff sent a letter approving the ATIR and requiring Air Liquide to prepare an HRA on May 1, 2020. The HRA was submitted on July 30, 2020. Staff had completed review of the HRA at the end of 2020 and is expected to finalize the HRA in 2021.

A.3. All American Asphalt, All American Aggregates (ID 82207) – Irvine²³

All American Asphalt is an asphalt plant located in Irvine (AAA Irvine). The facility blends various ingredients to manufacture hot mix asphalt, also known as asphaltic concrete. This asphalt is then transported out of the facility to support construction projects.

On February 20, 2020, South Coast AQMD staff sent a letter requesting AAA Irvine to prepare an ATIR due to facility having a priority score greater than 10 based on its 2016 annual emissions with polycyclic aromatic hydrocarbons (PAHs) being the main air toxic contributor to the high priority score. PAH emissions are primarily from operation of the rotary dryer at the facility.

On July 21, 2020, AAA Irvine submitted an ATIR. South Coast AQMD staff reviewed the submittal and has had ongoing discussion with the facility representatives and follow-up questions regarding accuracy of emission calculations. AAA Irvine staff used default emission factors to estimate their emissions, so in order to provide a more accurate emission estimate, on December 10, 2020, South Coast AQMD staff asked AAA Irvine to conduct site-specific source testing to develop a more accurate emissions profile that could be used in their ATIR. All American Asphalt

²³ <http://www.aqmd.gov/home/news-events/community-investigations/all-american-asphalt>

provided an initial response with additional information on December 24, 2020. South Coast AQMD will continue to ensure AAA Irvine follows all the requirements of the AB 2588 process in 2021.

A.4. All American Asphalt (ID 114264) – Irwindale

All American Asphalt is an asphalt plant located in Irwindale (AAA Irwindale) that blends various ingredients to manufacture hot mix asphalt, also known as asphaltic concrete. This asphalt is then transported out of the facility to support construction projects.

On August 23, 2019, South Coast AQMD staff sent a letter requesting AAA Irwindale to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2017 annual emissions, with hexavalent chromium being the main air toxic contributor to the high priority score. Hexavalent chromium emissions were due primarily to the rotary dryer and estimated using a default emission factor.

On January 21, 2020, AAA Irwindale submitted an ATIR. After review of the ATIR, South Coast AQMD staff provided comments on April 2, 2020. As a result of these comments, a source test protocol for the rotary dryer was submitted by the facility on June 2, 2020. The source test protocol for this facility was approved on July 9, 2020. Staff is currently reviewing the ATIR for the remainder of the devices and processes that do not require source testing. Once the source test is completed, the ATIR must be updated and staff will review the full ATIR.

A.5. All American Asphalt (ID 148146) – Perris

All American Asphalt is an asphalt plant located in Perris (AAA Perris), that blends various ingredients to manufacture hot mix asphalt, also known as asphaltic concrete. This asphalt is then transported out of the facility to support construction projects.

On August 23, 2019, South Coast AQMD staff sent a letter requesting AAA Perris to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2017 annual emissions, with hexavalent chromium being the main air toxic contributor to the high priority score. Hexavalent chromium emissions were due primarily to the rotary dryer and estimated using a default emission factor.

On January 21, 2020, AAA Perris submitted an ATIR. After review of the ATIR, South Coast AQMD staff provided comments on April 2, 2020. As a result of these comments, a source test protocol for the rotary dryer was submitted by the facility on June 2, 2020. The source test protocol for this facility was approved on July 9, 2020. Staff is currently reviewing the ATIR for the remainder of the devices and processes that do not require source testing. Once the source test is completed, the ATIR must be updated and staff will review the full ATIR.

A.6. Anaplex Corp (ID 16951) – Paramount

Anaplex Corporation (Anaplex) operates a metal processing and finishing company in the City of Paramount. The facility processes parts for commercial and defense aerospace applications. The processes include anodizing and plating process lines which use hexavalent chromium, nickel, and cadmium. Additional details regarding the ambient monitoring in Paramount and near Anaplex

and events that led up to the designation of Anaplex as a Potentially High Risk Facility are discussed on South Coast AQMD's website.²⁴

Based on ambient monitoring in December 14, 2016, South Coast AQMD staff designated Anaplex as a Potentially High Risk Level Facility specifically based on high levels of hexavalent chromium found at monitors adjacent to Anaplex. As part of this designation, Anaplex was required to submit an Early Action Reduction Plan by March 14, 2017, an ATIR by May 16, 2017, a HRA and a RRP by June 13, 2017. Following litigation in Superior Court, the Hearing Board granted a Stipulated Order for Abatement on January 18, 2017.

Anaplex submitted an Early Action Reduction Plan on March 13, 2017. South Coast AQMD staff provided comments on April 26, 2017 and requested revisions and resubmittal of the Early Action Reduction Plan. Anaplex submitted a revised Early Action Reduction Plan on May 11, 2017 which was conditionally approved on May 31, 2017.

On May 15, 2017, Anaplex submitted an ATIR and a HRA and RRP on June 13, 2017. South Coast AQMD staff provided written comments regarding all three documents on December 8, 2017, and requested revisions and resubmittal of each document. On December 8, 2017, South Coast AQMD staff provided Anaplex with comments and recommendations on the submitted ATIR, HRA and RRP, and requested revision and resubmittal of those respective documents. After numerous technical conference calls and meetings with Anaplex representatives, South Coast AQMD staff received the Revised ATIR on May 1, 2018 and the Revised HRA and RRP on May 17, 2018. After review, South Coast AQMD staff requested another revision and resubmittal of the HRA and RRP. Anaplex submitted the Revised HRA and Revised RRP on September 26, 2018. The revised ATIR was approved on October 9, 2018.

The Revised HRA submitted by Anaplex contained alternate HRA scenarios in the main HRA report, which was not consistent with South Coast AQMD's AB 2588 Supplemental Guidelines. In the interest of time and pursuant to Rule 1402 (e)(2)(D), South Coast AQMD staff modified the Revised HRA resubmitted on September 26, 2018 to follow Appendix B of South Coast AQMD's AB 2588 and Rule 1402 Guidelines²⁵. The HRA relied upon results of one of the scenarios contained in Anaplex's resubmitted Revised HRA, and presented the information consistent with South Coast AQMD's AB 2588 Supplemental Guidelines. Anaplex's modified HRA was conditionally approved on October 9, 2018 and was submitted to OEHHA for their review. The HRA results representing the 2016 inventory year indicated that Anaplex posed a maximum cancer risk of 931 chances in-one-million for a residential receptor located at the corner of Madison Street and Illinois Avenue, based on a 30 year residential exposure, and 2,836 chances in-one-million for a worker receptor located immediately south of Anaplex, based on a 25 year worker exposure. The cancer risk was mainly due to hexavalent chromium emissions from spray booth operations. A cancer burden of 9.73 was estimated, based on a 70 year lifetime exposure.

The maximum non-cancer chronic hazard indices of 0.06 and 2.02 were projected for residential and non-residential receptors, respectively. The maximum non-cancer 8-hour chronic hazard index

²⁴ <http://www.aqmd.gov/home/news-events/community-investigations/air-monitoring-activities/facilities---order-for-abatement/anaplex-corp>

²⁵ <http://www.aqmd.gov/docs/default-source/planning/risk-assessment/ab-2588-supplemental-guidelines-201809.pdf>

was 0.11 and the maximum non-cancer acute hazard index was 23.84 at Anaplex's property boundary.

Since the HRA results were above the Significant Risk Level in Rule 1402, Anaplex was required to notify the public about the health risk in addition to conducting annual public notification meetings until the Rule 1402 Action Risk Level was achieved pursuant to Rule 1402(p). Notices of the public notification meeting were sent out to over 35,000 people in the area of impact. South Coast AQMD staff held a public notification meeting at the Progress Park Community Center on December 1, 2018 to explain the impact of Anaplex's emissions on public health and to discuss how to reduce risks.

On April 24, 2019, South Coast AQMD rejected the September 26, 2018 Revised RRP. Anaplex submitted a set of revised risk reduction measures on July 12, 2019. A follow-up comment letter was sent to Anaplex on September 6, 2019 which detailed remaining concerns on certain risk reduction measures. On October 31, 2019, Anaplex submitted a request letter for RRP approval that detailed the disputed risk reduction measures; however, South Coast AQMD staff required additional supporting documentation to complete the review. Anaplex submitted a revised RRP for approval on December 18, 2019. After review by South Coast AQMD staff, a conditional approval of the RRP was issued on February 6, 2020. All elements of the RRP were fully implemented at the end of 2020 and a final implementation report is expected in 2021.

A.7. Arconic Global Fasteners & Rings, Inc. (ID 134931) – Fullerton

Arconic Global Fasteners & Rings, Inc. (Arconic) manufactures precision fastening systems and components for the aerospace industry. They operate metal finishing lines, ovens and abrasive blasting equipment.

This facility has a HRA that was approved in November 1997 with elevated cancer risks requiring risk reduction. The RRP was submitted in February 2001 and approved March 2001. The RRP involved eliminating use of perchloroethylene as a cleaning solvent and installing scrubbers to control emissions of various metals from plating operations. This RRP was fully implemented and approved in October 2003. However, the resulting acute hazard index was greater than 1.0 due to use of sodium hydroxide as part of the plating operations.

The facility voluntarily submitted an HRA to demonstrate that the acute hazard index is no longer greater than 1.0. Upon review of the HRA, South Coast AQMD staff found that certain emissions were not included in the HRA. In response, the facility indicated that some permitted sources were no longer operated at the facility, but still listed on the facility's Permits to Operate. Staff informed the facility that emissions from those sources cannot be excluded unless modifications to the facility permits are done and those sources are inactivated. The facility submitted two permit applications in October 2020 and staff is currently working with the facility to resolve the outstanding issues.

A.8. Bowman Plating Co Inc (ID 18989) – Compton

Bowman Plating Company Inc. (Bowman) is a metal finishing facility, located in the city of Compton which has been in operation since 1945 and performs anodizing, plating, and coating operations on parts for use in the aerospace and defense industries. Bowman operates chrome

anodizing tanks, nickel and cadmium plating tanks, as well as spray coating operations which generate toxic air contaminants including nickel and hexavalent chromium.

Bowman had previously submitted an HRA which was approved on December 11, 2015, with the results showing that the facility exceeded the Rule 1402 Action Risk Level. The facility subsequently submitted a RRP that was approved on February 10, 2017. The required risk reduction measures were to install ULPA filters on the paint spray booths. The ULPA filters were installed as of March 2017.

South Coast AQMD staff reviewed the 2018 annual emission report for the facility and calculated a priority score greater than 10 with hexavalent chromium as the main contributor to the priority score. In their review, staff discovered that the emissions from devices such as the dichromate seal and nickel strike tanks were omitted from the 2018 inventory. Additionally, based on previous site visits from Engineering and Compliance staff, there were fugitive emissions from incomplete capture of tank emissions and poor housekeeping practices which were not accounted for. Staff conducted a preliminary risk assessment accounting for the fugitive emissions and found that risk levels were significantly above Rule 1402 thresholds.

On April 14, 2020, staff held a conference call with Bowman to explain the concerns and options available to them. Bowman had the option to either be designated as a Potentially High Risk Level Facility or opt into an expedited risk reduction and plan submittal process. Bowman opted to submit an updated ATIR, HRA, and RRP based on 2019 annual emissions according to an expedited schedule. Bowman submitted the ATIR on June 19, 2020. Staff communicated the deficiencies to Bowman and the facility submitted a revision on July 8, 2020. Due to repeated delays and problems with submitted reports, staff ultimately sent a notice letter that Bowman may be designated a Potentially High Risk Level Facility on August 7, 2020.

Staff held a conference call and sent an email detailing the issues with the previously submitted ATIR on August 11, 2020. On August 13, 2020, Bowman informed South Coast AQMD staff that they were conducting a source test on Bowman's Anodizing Room Permanent Total Enclosure (PTE) without obtaining prior submittal and approval of a source test protocol. As such, since the source test was not conducted according to South Coast AQMD approved test methods, staff found the source test not acceptable.

Consequently, staff sent a rejection letter for the Bowman ATIR on September 25, 2020. Bowman sent a response on October 7, 2020 stating disagreement with South Coast AQMD staff's position but proposed to retest. Staff received letters from Bowman on October 22 and October 27, 2020 regarding the applicability of the source test and answers to the reasons staff rejected the ATIR. Staff will focus on bringing Bowman through a completion of the AB 2588 process through 2021.

A.9. Breitburn Operating LP (ID 150201) – Santa Fe Springs

Breitburn Operating LP (Breitburn) in Santa Fe Springs is an oil and gas field company with associated processing equipment. The facility draws the oil, gas, and water mixture from several oil production and injection wells. The recovered crude oil (about 476 barrels per day) is shipped out by a third party for further refining. The produced water is treated to permissible discharge limits and reinjected back into the wells. The recovered field gas is burned in permitted equipment: either 14 microturbines or a thermal oxidizer. According to the reported emissions, the major source of toxic air contaminants are the 14 microturbines.

On March 25, 2020, South Coast AQMD staff sent a notification letter requiring Breitburn to prepare either an ATIR or VRRP due to the facility having a priority score greater than 10 based on its 2016 annual emissions of polycyclic aromatic hydrocarbons (from the microturbines). In response, Breitburn stated they used the default emission factors for internal combustion engines to calculate emissions from the 14 microturbines. At the end of 2020, South Coast AQMD staff is evaluating applicable reference source emission factors for the microturbines, including use of the California Toxic Emission Factors for gas turbines combusting field gas. In 2021, staff expects to complete the review of emission factors for the microturbines and require the facility to amend the reported emissions using the reference source emission factors.

A.10. Chevron Products Co. (ID 800030) – El Segundo

Chevron Products Co. (Chevron) is a 1,000 acre petroleum oil refinery in the City of El Segundo with a 290,000 barrels of crude oil per day processing capacity. Chevron has approximately 20% of the gasoline market share in Southern California and is one of the largest refineries on the West Coast. The main products of the refinery are transportation fuels, such as gasoline, jet fuel, and diesel fuel.

On October 14, 2016, South Coast AQMD staff sent a letter requiring Chevron to prepare either an ATIR or a VRRP due to the facility having a priority score greater than 10 based on its 2015 annual emissions with furans, polycyclic aromatic hydrocarbons, arsenic, cadmium, and related compounds as the main air toxics contributing to the high priority score. Chevron elected to participate in the Voluntary Risk Reduction Program and submitted a VRRP on March 27, 2017. Reductions of diesel particulate matter (DPM) from internal combustion engines that don't require a permit along with reductions of hexavalent chromium from welding activity that also does not require a permit are elements of the VRRP. In 2018, staff have worked with the permitting teams to evaluate options for incorporating these requirements so that they are enforceable. The VRRP was approved on April 24, 2019 and required Chevron to upgrade two diesel engines to Tier IV, electrify existing diesel engines, eliminate welding rods that result in high hexavalent chromium emissions, and electrify diesel fired light towers.

An annual progress report was received on April 24, 2020. Chevron reported that four of the five approved voluntary risk reduction measures had been completed. Chevron reported that they were working on obtaining city permits for the wiring needed to electrify the light towers and anticipate project completion by the VRRP implementation deadline of October 22, 2021.

A.11. City of Cerritos - Water Division (ID 74396) – Cerritos

The City of Cerritos, Water Division draws groundwater from three deep wells. The facility operates two natural gas fired engines. The well on Artesia has one main engine that draws well water and one emergency engine for backup electricity.

On August 23, 2019, South Coast AQMD staff sent City of Cerritos, Water Division a notice to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2017 annual emissions inventory. Their primary pollutants and risk drivers are formaldehyde and 1,3-butadiene.

City of Cerritos, Water division submitted a partial ATIR on January 21, 2020 and opted to conduct a source test on the main engine to determine emissions factors for the risk drivers. A source test

was conducted on August 6, 2020 and the report was submitted to South Coast AQMD for review on October 14, 2020. As of the end of 2020, the source test report is still under review. In 2021, staff expects the review of the source test report to be completed and for the facility to provide the complete ATIR based on the approved source test.

A.12. Coastline High Performance Coatings, Ltd. (ID 112684) – Garden Grove

Coastline High Performance Coatings (Coastline HPC) is a manufacturer of satellite components located in Garden Grove. The facility operates paint spray booths, a dip and etch tank line, and various Rule 219 exempt equipment.

On February 5, 2020, South Coast AQMD staff sent a letter requiring Coastline HPC to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2019 annual emissions inventory. The main toxic air contaminant contributing to the priority score is hexavalent chromium from coating operations.

Coastline HPC did not submit the ATIR on or before the deadline of July 7, 2020. As a result, a Notice of Violation was issued to the facility and a compliance inspection of the facility was conducted on September 17, 2020. The inspectors confirmed equipment status, gathered samples, and requested records to assist with calculating emissions.

On September 24, 2020, Coastline HPC submitted the ATIR. South Coast AQMD staff evaluated the inventory and noted several deficiencies. Coastline HPC resubmitted the ATIR multiple times, each needing corrections. The final ATIR was received by staff on November 11, 2020. Staff conducted a preliminary risk assessment using the submitted data and found that potential risk levels were significantly above Rule 1402 thresholds.

On December 18, 2020, staff sent a letter informing Coastline HPC that they may be designated as a Potentially High Risk Level facility based on the preliminary risk assessment. In 2021, staff expects to approve the ATIR and to determine if designation of the facility as a Potentially High Risk Level facility is warranted.

A.13. Eco Services Operations Corp. (ID 180908) – Carson

Eco Services Operations (Eco Services) in Carson regenerates spent sulfuric acid from refineries. In addition to the sulfuric acid plant, Eco Services operates an alum manufacturing system and other equipment associated with storage and handling of spent sulfuric acid and other raw materials.

On December 10, 2019, South Coast AQMD staff sent a letter requiring Eco Services to prepare either an ATIR or a VRRP due to the facility having a priority score greater than 10 based on its 2017 annual emissions inventory, with sulfuric acid as the main contributor to the high priority score. The main source of sulfuric acid emissions is from their primary furnace. Eco Services Operations elected to submit an ATIR.

On January 6, 2020, Eco Services submitted their Initial Information for the ATIR. Staff found this to be incomplete and therefore, on February 26, 2020, Eco Services submitted a revised Initial Information to the ATIR.

On May 6, 2020, Eco Services submitted their ATIR. The ATIR was still under review as of the end of 2020. Staff anticipates completing its review of this ATIR in 2021.

A.14. Eisenhower Medical Center (ID 3671) – Rancho Mirage

Eisenhower Medical Center is a hospital based in Rancho Mirage, California serving the Coachella Valley region.

On June 12, 2018, South Coast AQMD staff sent a letter requiring Eisenhower Medical Center to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2014 annual emissions inventory, with formaldehyde from the cogeneration units as the main air toxics contributing to the high priority score.

On November 9, 2018, Eisenhower Medical Center submitted an ATIR. South Coast AQMD staff reviewed the submittal and worked with the facility to make some necessary revisions such as building and stack coordinates in addition to emission estimation methods. Based on results from preliminary analysis of the ATIR and discussion with the facility, Eisenhower Medical Center submitted a request to source test both cogeneration units for formaldehyde, 1-3 butadiene, and acetaldehyde.

Source testing of both cogeneration units took place starting on February 19, 2019. The source test report was approved by South Coast AQMD on June 27, 2019 and a revised ATIR was submitted on August 9, 2019. Upon review, South Coast AQMD determined that Eisenhower Medical Center's updated priority score was below one, and a letter was sent on August 16, 2019 approving the ATIR. A follow up letter was sent on January 2, 2020 informing the facility that it would be exempt from the AB 2588 program due to a priority score below one.

A.15. Elite Comfort Solutions (ID 182610) – Commerce

Elite Comfort Solutions (Elite) operates a facility in city of Commerce and manufactures polyurethane foam for bedding, furniture, packaging, automotive, and medical industries.

On January 31, 2018, South Coast AQMD staff sent a letter requiring Elite to either prepare an ATIR or VRRP due to the facility having a priority score greater than 10 based on 2015 annual emissions inventory, with toluene diisocyanates as the main air toxic contributor to the high priority score.

Elite elected to participate in the Voluntary Risk Reduction Program and submitted the VRRP on June 22, 2018. Following review, staff required Elite to provide missing information and to make several revisions. Elite provided information and a revised submittal on November 7, 2018. However, in reviewing this submittal, South Coast AQMD staff found that additional risk reduction measures were needed in order to meet the Voluntary Risk Reduction Threshold. In response, the facility had to submit revisions to the VRRP on December 3, 2018, and another one on December 17, 2018. After further review, staff discovered additional issues regarding receptor exposure, cost & feasibility of risk reduction measures and hours of operation and requested revision and resubmission of VRRP. Elite submitted several VRRP revisions from February 12 to November 27, 2019. A final revision addressing staff comments was received on January 16, 2020. Staff reviewed the submittal and conditionally approved the VRRP on June 19, 2020. The Rule 1402 Progress Reports are required to be submitted no later than June 19, 2021 and June 19, 2022.

A.16. Equilon Enter. LLC, Shell Oil Prod. US (ID 800372) – Carson

Equilon Enterprises LLC (Equilon) operates a petrochemical product distribution terminal in the City of Carson which is comprised of loading racks, storage tanks, and product pipeline. The products are transported by pipeline, trucks, or rail.

On October 10, 2017, South Coast AQMD staff sent a letter requiring Equilon to prepare either an ATIR or a VRRP due to the facility having a priority score greater than 10 based on its 2015 annual emissions with benzene, ethyl benzene, and naphthalene emissions as the main air toxics contributing to the high priority score. Equilon elected to prepare an ATIR and submitted it on March 9, 2018. After review and subsequent revisions, South Coast AQMD sent a letter to Equilon on May 30, 2018 approving the ATIR and requiring the preparation of an HRA.

On August 28, 2018, Equilon submitted an HRA. After review, staff discovered several discrepancies with the HRA such as variable emission rates, terrain characterization and risk values and subsequently required revision and resubmission. Equilon provided HRA revisions on September 14, 2018, April 4, 2019, and two more revisions on November 2019. A minor revision to the HRA Summary page was submitted on December 6, 2019. South Coast AQMD staff approved the HRA on June 5, 2020.

The approved HRA showed that the residential cancer health risk was 22 in-a-million and the acute HI was 1.30. These values exceeded the Notification Risk Levels of Rule 1402 and a public notification meeting was required. Notice of the public meeting was sent to approximately 200 residential addresses within the public notification area. A public notification meeting was held on July 22, 2020 by a videoconference. The results from the approved HRA did not exceed the Rule 1402 Action Risk Level and therefore risk reduction was not required.

A.17. Evonik Corporation (ID 183926) – Los Angeles

Evonik Corporation is a facility in Los Angeles that is one of many locations for the multinational company Evonik Industries, a specialty chemicals company.

On December 6, 2019, South Coast AQMD staff sent a letter requesting Evonik Corporation to prepare either an ATIR or a VRRP due to the facility having a priority score greater than 10 based on its 2016 annual emissions with 4,4'-methylenedianiline (MDA). The MDA emissions came primarily from fugitive components. The ATIR was received in July 2020. Staff requested corrections to the ATIR at the end of 2020. In 2021, staff expects a corrected ATIR to be submitted for review.

A.18. Exide Technologies (ID 124805) – Commerce²⁶

Exide Technologies is located in the city of Commerce. This facility received and processed lead into lead oxide, which was used in the battery manufacturing industry. The equipment at the facility included lead melting pots, lead oxide reactors, and storage tanks for incoming and outgoing material. The emissions from the processes were controlled by baghouses equipped with HEPA filters.

The facility had an approved Rule 1420.2 Monitoring and Sampling Plan from September 2017. The facility conducted ambient air monitoring for a year and demonstrated that the 30 consecutive

²⁶ <http://www.aqmd.gov/home/news-events/community-investigations/exide-updates>

day average ambient air lead concentration for the entire duration of ambient air monitoring activities onsite was below the Rule 1420.2 concentration limits. The facility submitted a Rule 1420.2 Ambient Monitoring Relief Plan in October 2019 pursuant to Rule 1420.2 (o)(1). South Coast AQMD completed review of the modeling files and found that the project complied with the limits of Rule 1420.2 (o)(1)(A). After approval of the Rule 1420.2 Ambient Monitoring Relief Plan, the facility shut down operations in May 2020.

A.19. Flare Group, dba Aviation Equip Process (ID 164581) – Costa Mesa

Flare Group dba Aviation Equip Process (Flare Group) is located in the city of Costa Mesa. The facility processes parts for the aviation and aerospace industries. The operations include anodizing tanks, paint spray booths and natural gas-fired ovens. The facility failed to submit AER data since 2011. South Coast AQMD staff reached out numerous times through email and phone to obtain an accurate and updated annual emissions inventory. Since staff did not receive a response, staff sent a letter on February 5, 2020 requiring Flare Group to prepare a complete inventory in the form of an ATIR based on 2018 annual emissions

On March 6, 2020, staff received the Initial Information for the ATIR. Staff review found that several toxic air contaminants from the spray booths, tanks, and ovens were not reported. An unapproved source test was also referenced for some emission calculations. Staff communicated these and other inventory issues to Flare Group and worked with the facility to revise tanks, coatings, and other process emission calculations. Staff anticipates the ATIR to be submitted in 2021.

A.20. Gerdau/TAMCO (ID 18931) – Rancho Cucamonga²⁷

Gerdau/TAMCO (Gerdau) is located in the City of Rancho Cucamonga and was acquired by TAMCO steel mini mill in October 2010. The facility produces steel reinforcing bars that are commonly used in construction. Ferrous steel scrap is recycled and delivered to the facility by trucks and rail, and then melted in an electric arc furnace to produce steel billets. The billets are reheated in a reheat furnace to form concrete reinforcing bar (rebar). The primary pollutants for this facility are hexavalent chromium, nickel, manganese, mercury, and arsenic.

Gerdau was directed to submit an ATIR and HRA based on significantly high levels of cadmium reported in its 2011 annual emissions reporting. The HRA was approved on October 8, 2015 based on the 2015 OEHHA Risk Assessment Guidelines. Several health risks in the approved HRA exceeded levels specified in Rule 1402 and Gerdau was therefore required to notify the public regarding the results of its HRA, and also submit a RRP. Notices of the public notification meeting were sent out to 1,523 people in the area where the health risks were above the levels established in Rule 1402. South Coast AQMD staff held a public notification meeting on November 30, 2015 to explain the impact of Gerdau's emissions on public health and to discuss next steps.

Gerdau submitted its first RRP on April 5, 2016. After review of the RRP and several meetings with facility representatives, South Coast AQMD staff provided comments on the RRP and on July 1, 2016, Gerdau submitted a revised RRP. However, the revised RRP did not account for hexavalent chromium emissions from ladle heaters, billet reheat furnace, and spray chamber stack.

²⁷ <http://www.aqmd.gov/home/rules-compliance/compliance/toxic-hot-spots-ab-2588/gerdau>

South Coast AQMD staff added these emissions which resulted in a projected potential maximum residential cancer risk of 8.7 chances in-one-million. The cancer burden and acute and chronic HI remain below 1, so after making these revisions, South Coast AQMD staff conditionally approved Gerdau's RRP on July 5, 2016. The RRP consisted of ten risk reduction measures to be completed by January 5, 2019.

On July 5, 2017, Gerdau submitted a progress report to update South Coast AQMD on the status of its risk reduction measures. On January 25, 2018, Gerdau submitted an amendment to the RRP to specify plans to pave vehicle travel paths, which South Coast AQMD staff approved. On July 13, 2018, Gerdau submitted their second progress report indicating that they implemented seven of the ten risk reduction measures, while three of the measures are still in process. A public notice of risk reduction activities by Gerdau was mailed out to the notification area on September 18, 2018. As South Coast AQMD staff continued to monitor the progress of the RRP, one of the remaining items was Gerdau having difficulty obtaining proper negative pressure on the Melt Shop Emissions Control System identified in Risk Reduction Measure #1. Ultimately, the permit for the electric arc furnace was inactivated and all melt shop operations were shut down on October 31, 2019. Additionally, the permit for the billet heating furnace at the facility was inactivated on December 20, 2020 along with other miscellaneous equipment. The facility now has only a small number of permitted processes which are mainly for slag clean-up activities. All metal melting and associated metal heating has ceased at the facility. Any recurring risk reduction measures such as housekeeping actions required by the Rule 1402 RRP have been incorporated into the housekeeping and monitoring plan which was signed as a voluntary agreement by Gerdau and South Coast AQMD on July 31, 2020. With the shutdown of manufacturing operations at the facility, along with the adoption of the housekeeping and monitoring provisions of the enforceable voluntary agreement, the risk reduction targets required under the Rule 1402 RRP have been met.

A.21. Glendale City, Glendale Water & Power (ID 800327) – Glendale

Glendale Water & Power (GWP) is a municipal power plant owned and operated by the City of Glendale. GWP consists of three utility boilers and eight stationary combustion turbines with a combined 238 MW generation capacity. These units combust natural gas which is supplemented by landfill gas from a Class III landfill.

On March 1, 2017, South Coast AQMD staff sent a letter requesting GWP to prepare either an ATIR or a VRRP due to the facility having a priority score greater than 10 based on its 2015 annual emissions with dioxins and furans, hexavalent chromium, and arsenic as the main air toxics contributing to the high priority score.

GWP elected to prepare an ATIR and submitted it on July 28, 2017. On March 22, 2018, the ATIR was approved and the facility was notified to prepare an HRA. The HRA was submitted on July 18, 2018. After requesting and receiving several revisions from GWP, South Coast AQMD staff approved the HRA on January 22, 2019. The HRA results representing the 2015 inventory year indicated that GWP posed a maximum cancer risk of 179.5 chances in-one-million and a maximum chronic hazard index of 1.69, based on a 30 year residential exposure. The cancer risk was mainly due to dioxins and furans from landfill gas combustion. A cancer burden of 4.97 was estimated, based on a 70 year lifetime exposure.

Since the HRA results were above the Notification Risk Level in Rule 1402, GWP was required to notify the public about the health risk. Notices of the public notification meeting were sent out

to over 7,700 people in the area of impact. South Coast AQMD staff held a public notification meeting at the Glendale Downtown Central Library on June 26, 2019 to explain the impact of GWP's emissions on public health and to discuss next steps.

Since the HRA results were above the Action Risk Level in Rule 1402, GWP was required to prepare a RRP, which was received on October 9, 2019. The RRP proposed two risk reduction measures. South Coast AQMD staff reviewed the RRP and ultimately approved one of the risk reduction measures on February 18, 2020. The approved RRP required GWP to modify their existing permits to prohibit the use of landfill gas to power their boilers. On August 6, 2020, GWP submitted three applications for permit modifications and one application for a Title V amendment. As of the end of 2020, the applications were still under review.

A.22. Hixson Metal Finishing (ID 11818) - Newport Beach ²⁸

Hixson Metal Finishing (Hixson) located in the City of Newport Beach, is a metal finishing facility that conducts anodizing, testing, plating, coating, and painting operations on various parts for use in the aerospace and defense industries. Some of the potential onsite sources of emissions include the chrome anodizing line, nickel and cadmium plating, curing and drying ovens, paint spray booths, abrasive blasting equipment, wastewater treatment system and miscellaneous natural gas combustion sources. The major source of concern with Hixson's operation is fugitive dust containing hexavalent chromium. On April 3, 2014, South Coast AQMD staff required Hixson to prepare and submit a HRA and a RRP, in conjunction with a Stipulated Order for Abatement approved by South Coast AQMD's Hearing Board that limited Hixson's activities, and required shutdown of certain operations using hexavalent chromium if monitored ambient levels exceeded specified hexavalent chromium levels.

Hixson submitted their HRA to South Coast AQMD on November 13, 2014. Upon detailed review and use of the 2015 OEHHA Risk Assessment Guidelines, South Coast AQMD staff finalized the submitted HRA on May 8, 2015. The approved HRA found a maximum residential cancer risk of 1,502 chances in-one-million mainly from hexavalent chromium emissions. The estimated cancer risk was based on emissions occurring before the facility instituted various control measures and current level of risk is substantially lower. Since the HRA results were above the Significant Risk Level in Rule 1402, Hixson was required to notify the public about the health risk in addition to conducting annual public notification meetings until the Rule 1402 Action Risk Level was achieved pursuant to Rule 1402(p). Notice of the public notification meeting was sent out to over 7,300 people in the area of impact. South Coast AQMD staff held a public notification meeting at the Hoag Conference Center on June 18, 2015.

Hixson submitted its first RRP on March 2, 2015. On May 8, 2015, South Coast AQMD staff rejected Hixson's first RRP and required resubmittal. Hixson subsequently submitted a second RRP on June 5, 2015. On June 26, 2015, South Coast AQMD staff rejected Hixson's second RRP due to its failure to demonstrate that the proposed controls reduce risks below Rule 1402 thresholds. Hixson resubmitted a revised RRP on July 1, 2015, and South Coast AQMD staff conditionally approved it on July 24, 2015. The associated permits to construct implementing the RRP were approved on December 11, 2015 and a second public notification meeting was held on February 11, 2016 at the Hoag Conference Center to inform interested parties regarding the

²⁸ <http://www.aqmd.gov/home/regulations/compliance/toxic-hot-spots-ab-2588/hixson-metal-finishing>

key activities surrounding the RRP. In the 2016 Annual Report for the AB 2588 Program, staff incorrectly stated that the RRP was fully implemented as of December 31, 2016. The Order for Abatement expired on December 31, 2016, as Hixson had constructed all the measures contained in the RRP. However, one of the risk reduction measures requires all emissions from Building 2 to be captured and routed through a dry scrubber followed by ULPA filters. The existing chromic acid anodizing tank (Tank 70) is located in Building 2 and currently has a control system that includes an ULPA filtration system. As part of the modifications to Building 2, existing Tank 70 is being replaced with a new chromic acid anodizing tank (also designated Tank 70) vented to the new Building 2 control system, which also includes ULPA filtration. However, there was an issue with the temperature controls for the new Tank 70, which has delayed its operation. Since the existing Tank 70 is already being controlled by an ULPA filtration system, there are no additional emissions expected from the continued operation of existing Tank 70 compared to new Tank 70, as proposed in the RRP. Ambient monitoring for hexavalent chromium continues in the vicinity of Hixson. As of the end of 2018, construction of the new Tank 70 and the new air pollution control system was complete, and the facility conducted a source test in June 2018. However, it was discovered that there were moisture problems and additional mesh pads were needed. The facility conducted another source test in December 2019 to demonstrate compliance. During the test, it was determined that there were gaps between the ULPA filters and the housing. Therefore, Hixson modified the system and retested the air pollution control system on March 12 and 13, 2020. The source test report was submitted to South Coast AQMD on May 12, 2020 and is currently under review by Source Test Engineering staff.

A.23. Light Metals Inc. (ID 83102) – City of Industry

Light Metals Inc. (Light Metals) is located in the City of Industry and produces secondary aluminum alloy by processing recycled aluminum into ingot for the metal casting industry.

On August 2, 2019, South Coast AQMD staff sent a letter requiring Light Metals to submit an ATIR or VRRP due to the facility having a priority score greater than 10 based on its 2017 annual emissions inventory with polychlorinated dibenzofurans as the main toxic air contaminants contributing to the high priority score.

Light Metals chose the ATIR option and submitted their ATIR on December 31, 2019. On January 30, 2020, South Coast AQMD staff provided comments on the ATIR and received a response from Light Metals on February 25, 2020. Further comments were provided by South Coast AQMD on March 18, 2020. Light Metals provided a response to comments on April 7, 2020. Among other comments, South Coast AQMD staff noted the requirement for any source tested emission factors to be reviewed and approved by South Coast AQMD. On April 30, 2020, Light Metals submitted a revised ATIR which among other revisions, included use of dioxin and furan emission factors from an industry group guidance document. After a review of this guidance document, South Coast AQMD staff requested a site-specific source test be conducted for dioxins and furans. Light Metals was able to find the historic source test reports and protocols to submit to South Coast AQMD for review. These evaluations were completed in early August 2020. Light Metals submitted a revised ATIR to incorporate these source testing results on August 27, 2020. Upon final review, it was determined that certain emission sources and toxic air contaminants from certain processes that were not included. South Coast AQMD staff also notified the facility on September 29, 2020 that the formaldehyde factor being used would need to be adjusted due to information gathered from the California Air Toxics Emission Factor database. Revised ATIR's which updated all

outstanding issues besides the formaldehyde factors were submitted on November 11, 2020 and November 17, 2020. Ultimately, Light Metals elected to source test two reverberatory furnaces for formaldehyde; the protocol for this source test was submitted on December 1, 2020. At the end of 2020, the protocol for this source test is still under review.

A.24. Long Beach City, SERRF Project (ID 44577) – Long Beach

Long Beach City, SERRF Project (SERRF) is a Refuse-to-Energy facility that burns municipal solid waste refuse in three resource recovery systems. Each resource recovery system consists of a combustor with a boiler, which in turn produces steam that drives a steam turbine generator (common to all three resource recovery systems) that produces electricity. Exhausts from the combustors are vented to air pollution control systems.

On February 5, 2020, South Coast AQMD staff sent a letter requiring SERRF to submit an ATIR or a VRRP due to the facility having a priority score greater than 10 based on its 2017 annual emissions inventory, with polychlorinated dibenzofuran emissions as the main toxic air contaminant contributing to the high priority score.

The facility submitted the Initial Information for the ATIR on March 3, 2020 and the ATIR on July 7, 2020. Upon review of the submitted information, the ATIR cites two source tests that have not been reviewed or approved by South Coast AQMD. The source tests were sent for review in October 2020, and as of the end of 2020, were still under review.

A.25. LA City, Street Maintenance Bureau Department of Public Works (ID 25196) – North Hollywood

LA City, Street Maintenance Bureau Department of Public Works (LA City, Street Maintenance) is an hot mix asphalt plant in North Hollywood. The facility is a city owned public utility that provides maintenance work on city streets in Los Angeles. The plant includes equipment such as silos, dryers, asphalt tanks, and associated air pollution control equipment.

On September 4, 2019, South Coast AQMD staff sent a letter requiring LA City, Street Maintenance to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2017 annual emissions inventory. The risk driver for this facility is polycyclic aromatic hydrocarbons (PAHs) from the hot mix asphalt plant.

LA City, Street Maintenance elected to submit an amendment to their 2017 quadrennial emissions report. The facility submitted amendments to their quadrennial report on October 3, 2019. Staff found that the facility had not applied the correct control efficiency. Staff requested that the facility submit the Initial Information and the ATIR on March 17, 2020. The facility sent updated calculations on April 30, 2020. Staff reviewed the revised calculations and reran the priority score which was less than 10. Staff sent a letter on May 1, 2020 notifying the facility that since the priority score was less than 10, the facility was not required to submit an ATIR. The facility submitted an AER amendment on May 19, 2020.

A.26. Los Angeles By-Products (ID 60384) – Sun Valley

Los Angeles By-Products (LA By-Products) is located in Sun Valley and operates a landfill gas collection system and flares for combustion of landfill gas.

On August 23, 2019, South Coast AQMD staff sent a letter requesting LA By-Products to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2017 annual emissions. The main toxic air contaminants contributing to the high priority score were PAHs from the combustion of landfill gas at the flare. On October 8, 2019, LA By-Products submitted the Initial Information for the ATIR.

On January 20, 2020, LA By-Products submitted an ATIR. After review of the ATIR, South Coast AQMD provided comments on February 21, 2020. As a result of these comments and corresponding discussions with the facility, a source test protocol was submitted on May 15, 2020. The source test protocol was approved on July 14, 2020. LA By-Products conducted the source test on the flare beginning on October 7, 2020. A source test report was submitted by LA By-Products on December 28, 2020. As of the end of 2020, South Coast AQMD staff is currently awaiting the evaluation of the source test report to be completed.

A.27. Lubeco Inc (ID 41229) – Long Beach

Lubeco, Inc. (Lubeco) is a metal finishing company operating in Long Beach near the southern border of the City of Paramount. Lubeco's primary operations involve painting, surface preparation, anodizing, sealing and coating of metals for the aerospace industry. Ancillary operations include abrasive blasting, wastewater treatment, and operation of a natural gas-fired boiler and ovens.

Lubeco utilizes baking and drying ovens, spray booths, tanks for chromic acid anodizing, aqueous solutions, and acid surface preparations. These processes can potentially generate hexavalent chromium emissions.

Beginning in October 2016, through expanded monitoring efforts in the City of Paramount, South Coast AQMD staff found high concentrations of hexavalent chromium in the vicinity of Lubeco. As a result, Lubeco was selected as a host facility for testing of hexavalent chromium emissions from a heated sodium dichromate seal tank due to elevated ambient monitoring readings in the nearby south Paramount area. On April 27, 2017, South Coast AQMD staff conducted source tests for hexavalent chromium emissions from the sodium dichromate seal tank with the main objective of determining an emission factor to calculate emissions from such tanks used in plating operations. The results of the source tests showed the heated sodium dichromate tank to be a source of hexavalent chromium. The second objective of this testing was to identify potential sources of hexavalent chromium emissions as measured by South Coast AQMD ambient air monitors in the nearby south Paramount area. South Coast AQMD subsequently filed a petition for Order for Abatement with the Hearing Board. Following the hearings on August 17 and August 23, 2017, the Hearing Board granted South Coast AQMD permission to install ambient monitors and a meteorological station on the facility property and permission to conduct additional source tests.

Because of the ambient measurements, South Coast AQMD staff designated Lubeco as a Potentially High Risk Level Facility. As part of this designation, Lubeco was required to expeditiously reduce risks and to submit an Early Action Reduction Plan by December 27, 2017, an ATIR by February 27, 2018, a HRA and a RRP by March 27, 2018. The Early Action Reduction Plan was submitted on December 8, 2017. On March 29, 2018, South Coast AQMD sent Lubeco an approval letter for the Early Action Reduction Plan. On February 9, 2018, Lubeco submitted an ATIR followed by a HRA and RRP on March 27, 2018.

South Coast AQMD staff reviewed the submitted ATIR and HRA and determined that the meteorological data from the Compton station was more representative of the site conditions at Lubeco than that used in the facility's HRA. Lubeco submitted a revised HRA in March 2019. Staff also found that Lubeco used non-default assumptions in their emission calculations for the sodium dichromate seal tank and requested for supporting documentation which was submitted in July 2019. Upon review of the submitted information, Staff determined that the facility had understated the operating hours and requested for an updated ATIR and HRA to reflect the increase in operating hours and emissions for the dichromate seal tank in August 2019.

Lubeco submitted a revised HRA on September 16, 2019. The Revised HRA representing the 2015 inventory year indicated that Lubeco posed a maximum cancer risk of 129 chances in-one-million for a residential receptor, based on a 30 year residential exposure, and 39 chances in-one-million for the worker receptor, based on a 25 year worker exposure. South Coast AQMD approved the ATIR and HRA on September 27, 2019.

Since the HRA results were above Rule 1402 Notification Risk Levels, a public meeting to notify the public about the health risk was required. Staff also reviewed the Risk Reduction Plan and found that some of the proposed risk reduction measures were inconsistent with recent permit applications. As a result, on October 24, 2019, staff requested revision and resubmission of the Risk Reduction Plan. On November 8, 2019, Lubeco submitted an updated Risk Reduction Plan on November 8, 2019 and a subsequent revised Risk Reduction Plan on December 20, 2019 that was conditionally approved on January 23, 2020. Notice of the public meeting was sent to over 450 addresses within the public notification area and a public notification meeting was held on February 5, 2020.

The facility sent a Risk Reduction Plan Final Implementation report on December 2, 2020. However, a source test for the air pollution control device conducted in February 2020 was deemed unacceptable in September of 2020. A re-test was performed November 2020 and as of the end of 2020, the facility had not submitted the source test report.

A.28. MM West Covina LLC (ID 113873) – West Covina

MM West Covina is a cogeneration facility located on the BKK Landfill in the City of West Covina. Landfill gas from the inactive BKK Landfill, which received Class I and Class III waste, is combusted in the facility's steam generator. The steam powers a 7,100 kW capacity steam turbine to produce electricity.

On January 11, 2017, South Coast AQMD staff sent a letter requiring MM West Covina to prepare either an ATIR or a VRRP due to the facility having a priority score greater than 10 based on 2014 annual emissions inventory with dioxins and hexavalent chromium being the main air toxic contributors to the high priority score. On February 15, 2017, MM West Covina elected to prepare an ATIR. The ATIR was submitted on June 13, 2017. South Coast AQMD staff provided comments on August 17, 2017 requiring revisions to the ATIR which was provided on August 29, 2017. South Coast AQMD staff approved the ATIR on March 27, 2018 and notified the facility to prepare and submit an HRA by June 26, 2018.

MM West Covina submitted an HRA on July 2, 2018. After review, on August 1, 2018, South Coast AQMD staff informed the facility that HRA did not include all of the emissions, specifically dioxins and furans, from the approved ATIR and therefore rejected the HRA. MM West Covina opted to conduct a source test to address the accuracy of the inventory of dioxin and furans in the

ATIR. A revised HRA was submitted on October 5, 2018 which again utilized an inventory that was not consistent with the approved ATIR. On July 9, 2019, South Coast AQMD sent a letter to MM West Covina requiring a revision of the HRA while allowing the source test results to be utilized in an alternate HRA. On August 16, 2019, MM West Covina submitted a revised HRA which also included an alternate HRA. At the end of 2019, South Coast AQMD had provided additional comments on the HRA and was working with MM West Covina to finalize the HRA. MM West Covina submitted a revised HRA and alternate HRA on January 27, 2020. After a review by South Coast AQMD staff, a final revision was required in order to clarify within the report that the facility had accepted modeling results provided by South Coast AQMD as a result of a fine grid analysis. This revision was made and submitted by MM West Covina on January 29, 2020. South Coast AQMD approved the HRA on February 7, 2020. The approved HRA found a maximum residential cancer risk of 67.2 chances in-one-million mainly from dioxins, furans, hexavalent chromium, and arsenic. The approved HRA also found a maximum acute hazard index of 1.70 mainly from nickel.

Since the HRA results were above the Notification Risk Level in Rule 1402, MM West Covina was required to notify the public about the health risk. Notices for the public notification meeting were sent out to over 7,700 addresses in the area of impact. South Coast AQMD staff held a virtual public notification meeting on May 19, 2020 to explain the impact of MM West Covina's emissions on public health and to discuss next steps.

Since the HRA results were above the Action Risk Level in Rule 1402, MM West Covina was required to prepare a RRP, which was received on June 5, 2020. South Coast AQMD reviewed the RRP which utilized the source testing from the alternate HRA as the sole risk reduction action. South Coast AQMD approved the RRP on July 2, 2020 and noted the source test results were enough to reduce the facility's risk below the Action Risk Level and Notification Level of Rule 1402.

A.29. Motion Picture & Television Fund (ID 16211) – Woodland Hills

Motion Picture & Television Fund (MPTF) is a service organization that provides healthcare and retirement living services to members of the entertainment industry community. MPTF operates a facility in Woodlands Hills and has cogeneration units powered by internal combustion engines burning natural gas, which generate formaldehyde, 1,3-butadiene, and benzene emissions.

On December 6, 2019, South Coast AQMD staff sent a letter requiring MPTF to prepare an ATIR due to the facility having a priority score greater than 10 based on 2017 annual emissions inventory. The high priority score was mostly due to internal combustion engine emissions.

MPTF submitted Initial Information for the ATIR on January 10, 2020. Following the review of the Initial Information for the ATIR, staff found the use of an unapproved source test results for the internal combustion engine emissions. The facility submitted corrections on May 6, 2020. Due to staff shortages caused by COVID-19, the facility did not submit the ATIR in accordance to required timeline. Staff anticipates that the ATIR will be submitted in early 2021.

A.30. PABCO Bldg Products LLC, dba PABCO Paper (ID 45746) – Vernon

PABCO Bldg Products LLC (PABCO) is a paper mill operation located in Vernon that manufactures drywall board liner paper from recycled paper stock. The facility operates a paper

conveying system, three boilers, one process unit hot air heater, a plasma arc cutter, and Rule 219 equipment including space heaters and a propane tank.

On December 6, 2019, South Coast AQMD staff sent a letter requiring PABCO to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2016 annual emissions inventory. The main toxic air contaminant contributing to the priority score was sodium hydroxide. The main sources of emissions were from boiler water treatment and from caustic felt wash processes.

On December 18, 2019, PABCO provided sodium hydroxide emission revisions along with documentation to substantiate their revisions. South Coast AQMD staff reviewed PABCO's sodium hydroxide emission revisions and found them to be acceptable. Based on the revised emissions, the priority score was less than 10. The facility was not required to prepare an ATIR and a priority score revision letter was sent to the facility on January 14, 2020.

A.31. Pac Rancho, Inc. (ID 140871) – Rancho Cucamonga

Pac Rancho Inc. (Pac Rancho) located in the city of Rancho Cucamonga, manufactures components for the aerospace industry. The facility uses sand and permanent mold castings in aluminum and magnesium alloys, investment castings in numerous ferrous, non-ferrous, and super alloys.

On September 4, 2019, South Coast AQMD staff sent a letter requiring Pac Rancho to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2018 annual emissions report. The facility submitted the Initial Information for the ATIR in November 2019 and the ATIR on February 21, 2020. South Coast AQMD staff provided several comments in April 2020. A revised ATIR was submitted on June 23, 2020. South Coast AQMD staff approved the ATIR on August 7, 2020, and notified the facility to prepare and submit a HRA by November 5, 2020. Pac Rancho submitted an HRA on November 5, 2020. South Coast AQMD staff is currently reviewing the submitted HRA at the end of 2020.

A.32. Pacific Clay Products Inc (ID 17953) – Lake Elsinore

Pacific Clay Products (Pacific Clay) in Lake Elsinore manufactures bricks and other clay products. It also operates both an aggregate and concrete batch plant at the same location. The facility operations include clay kilns, dryers, aggregate conveyors, silos, crushers, and associated baghouses.

On August 23, 2019, South Coast AQMD staff sent a letter requiring Pacific Clay to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2017 annual emissions inventory. The main toxic air contaminant contributing to the priority score are polycyclic aromatic hydrocarbons, which comes from the heating of diesel which is used as a lubricant to ease the finished bricks and tiles from their molds.

Pacific Clay submitted their first ATIR on February 11, 2020. In response to South Coast AQMD staff reviews of the ATIR submittals and requested corrections, Pacific Clay submitted subsequent ATIRs on May 6 and 26, and September 26.

On October 2, 2020, South Coast AQMD staff sent Pacific Clay a rejection letter of the ATIR submitted on September 26, 2020. In response to the rejection letter, Pacific Clay submitted the

latest ATIR on December 14, 2020. At the end of 2020, South Coast AQMD staff was in the process of modifying the latest ATIR for final corrections.

A.33. Phillips 66 Co/LA Refinery Wilmington Pl (ID 171107) – Wilmington

The Phillips 66 Company, LA Wilmington Plant (Wilmington Refinery) operates two linked facilities, five miles apart, in Carson and Wilmington. The Wilmington Refinery was built in 1919 and is situated on approximately 424 acres. This facility receives and processes intermediate product from the Carson facility and produces petroleum fuels as well as fuel-grade petroleum coke. Air toxic emissions are generated from fluid catalytic cracking, steam generation, electricity generation, and sulfuric acid production processes.

On March 1, 2017, South Coast AQMD staff sent a letter requiring Wilmington Refinery to prepare either an ATIR or a VRRP due to the facility having a priority score greater than 10 based on its 2015 annual emissions inventory with hexavalent chromium and polycyclic aromatic hydrocarbons being the main air toxic contributors to the high priority score.

Wilmington Refinery elected to prepare an ATIR, and submitted the ATIR on August 1, 2017. Following review, South Coast AQMD staff found several deficiencies. Revisions were submitted by Wilmington Refinery staff on November 10, and December 20, 2017. Staff subsequently requested calculations and supporting data and Wilmington Refinery submitted a revision on December 19, 2018.

Upon review of the revision, South Coast AQMD staff found issues with the facility's modeling of the wastewater treatment system. The facility was also required to conduct source testing. Further, the facility's calculation methodology for welding emissions were not consistent with South Coast AQMD's methodology. Wilmington Refinery submitted revised calculations in April 2019. The ATIR was conditionally approved in May 2019 provided that the facility completes the required source testing. Wilmington Refinery submitted the HRA and modeling files in September 2019 and source test protocols for the required source test in October 2019. The source tests were tentatively scheduled for December 2019. South Coast AQMD staff reviewed the HRA submittal and found that the facility did not utilize the most recent meteorological data in the model, and on November 22, 2019, requested that the HRA be revised using the updated meteorological dataset. This revised HRA was submitted on January 17, 2020. After review of the updated HRA, minor revisions were requested by South Coast AQMD staff and Wilmington Refinery submitted a final HRA on June 9, 2020. South Coast AQMD sent an HRA approval letter on August 21, 2020.

Since the HRA results were above the Significant Risk Level in Rule 1402, Wilmington Refinery was required to notify the public about the health risk. Notices for the public notification meeting were sent out to approximately 800 addresses in the area of impact. South Coast AQMD staff held a virtual public notification meeting on October 2, 2020 to explain the impact of Wilmington Refinery's emissions on public health and to discuss next steps.

Since the HRA results were above the Action Risk Level in Rule 1402, Wilmington Refinery was also required to prepare an RRP, which was received on December 16, 2020. South Coast AQMD staff is currently reviewing the submitted RRP at the end of 2020.

A.34. Plains West Coast Terminals LLC (ID 800417) – Compton

Plains West Coast Terminals (Plains West Coast) is a petroleum products storage facility located in Compton. On December 6, 2019, South Coast AQMD staff sent a letter requiring Plains West Coast to submit an ATIR due to the facility having a priority score greater than 10 based on its 2017 annual emissions inventory, with benzene from storage tanks as the main air toxics contributing to the high priority score.

On December 12, 2020, Plains West Coast provided facility boundary information that led staff to reassess the receptor distances. Additionally, South Coast AQMD staff requested emissions calculations for the storage tanks as part of the review for potential priority score revision. After review, South Coast AQMD staff recalculated the priority score. The revised priority score was below 10 and the facility was informed of this revised priority score on March 26, 2020.

A.35. R.J. Noble Company (ID 19167) – Orange

R.J. Noble Company (R.J. Noble) is a hot mix asphalt plant located in the city of Orange that produces hot mix asphalt from aggregate and asphalt oil. The facility also processes sand, gravel, and recycled asphalt pavement. The facility's operations include aggregate handling and screening equipment, storage silos, asphalt storage tanks, and a rotary dryer.

On September 5, 2014, South Coast AQMD staff notified R.J. Noble to prepare an ATIR based on 2013 annual emissions. Due to the changes in the 2015 OEHHA Guidance Manual as well as Rule 1402, staff requested R.J. Noble to submit the ATIR based on the 2017 annual emissions. Staff sent a letter on January 29, 2020 notifying R.J. Noble to prepare the ATIR based on the 2017 annual emissions.

On June 30, 2020, staff received the ATIR. Following staff review and comments to the facility, the facility provided responses and corrections in November and December 2020. These responses and corrections were under review at the close of 2020.

A.36. Robertson's Ready Mix (ID 134112) – Gardena

Robertson's Ready Mix operates a concrete batch plant located in the city of Gardena (RRM Gardena).

On December 06, 2019, South Coast AQMD staff sent a letter requiring RRM Gardena to submit an ATIR due to the facility having a priority score greater than 10 based on its 2016 annual emissions inventory, with arsenic and manganese emissions as the main air toxics contributing to the high priority score. The facility's Initial Information for the 2016 ATIR was submitted on January 7, 2020. Staff review found that an unapproved method for calculating speciated PM emissions was used. RRM Gardena proposed using the test results from a sampling plan for both RRM Gardena and Robertson's Ready Mix (Redlands). Staff held a call with RRM Gardena to discuss the plan on January 22, 2020. Since there was some uncertainty in the methodology presented in the sampling plan, staff allowed RRM Gardena the option to use San Diego County Air Pollution Control District emission factors for aggregate speciation in lieu of the sampling plan on November 13, 2020. RRM Gardena revised the 2016 emissions according to staff's comments but continued to seek staff approval on the sampling plan for future use. The 2016 ATIR submittal is anticipated in 2021.

A.37. Robertson's Ready Mix (ID 42623) – Redlands

Robertson's Ready Mix processes aggregates and operates a concrete batch plant at their facility located in the city of Redlands (RRM Redlands).

On August 23, 2019, South Coast AQMD staff sent a letter requiring RRM Redlands to submit an ATIR due to the facility having a priority score greater than 10 based on its 2017 annual emissions inventory. The priority score was driven mainly by arsenic, nickel, and manganese emissions produced by the crushing and screening operations. The Staff's review of the Initial Information for the ATIR revealed that the facility was not using an approvable method for calculating speciated PM emissions. As a result, RRM Redlands proposed a sampling plan for speciating PM dust emissions on November 8, 2019. South Coast AQMD staff held a call with RRM Redlands on January 22, 2020. Since there was some uncertainty in the methodology presented in the sampling plan, staff allowed RRM Redlands the option to use San Diego County Air Pollution Control District emission factors for aggregate speciation in lieu of the sampling plan on November 13, 2020. Staff anticipates approval of the 2017 ATIR submittal in 2021.

A.38. San Diego Gas & Electric (ID 4242) – Moreno Valley

San Diego Gas & Electric (SDG&E) owns and Southern California Gas Company (SoCalGas) operates the Moreno Valley Compressor Station located at in Moreno Valley.

On September 12, 2019, South Coast AQMD staff sent a letter requiring SoCalGas to submit an ATIR due to the facility having a priority score greater than 10 based on its 2017 annual emissions inventory, with formaldehyde emissions as the main toxic air contaminant contributing to the high priority score.

The facility submitted the initial information on October 11, 2019 and the ATIR on February 5, 2020. Upon review of the submitted information, South Coast AQMD staff determined receptor distances used to determine the original priority score were inaccurate. Staff updated the receptor distances which resulted in an updated priority score below 10. Staff sent a letter on March 5, 2020 informing the facility that no further action regarding the 2017 inventory was required.

A.39. Schlosser Forge Company (ID 15504) – Rancho Cucamonga

Schlosser Forge Company (Schlosser) is a manufacturer of forged seamless rings used primarily for turbine engines and other aerospace applications. Schlosser is located in the City of Rancho Cucamonga. The facility operates heat treating and forging furnaces along with a plasma arc cutter, metal grinding equipment, and abrasive blasting equipment and associated baghouses.

On March 26, 2020, South Coast AQMD staff sent a letter requiring Schlosser to prepare an ATIR or VRRP due to the facility having a priority score greater than 10 based on its 2018 annual emissions, with arsenic and nickel from grinding operations being the main toxic air contaminants driving the score.

Due to staff shortages caused by COVID-19, the facility did not submit the ATIR in accordance to required timeline but instead was received in April 9, 2020. During review, staff found that Schlosser was using emission factors from a source test for three baghouse systems controlling grinding emissions that was deemed to be unacceptable and required to be retested. Staff anticipates the revised ATIR and the baghouse retest to be completed and submitted in 2021.

A.40. SFPP, L.P. (ID 800278) – Carson

The SFPP, L.P. facility (SFPP) in Carson is also known as the Kinder Morgan, Watson station. This facility is a tank farm that receives and distributes various petroleum products through pipelines.

On August 23, 2019, South Coast AQMD staff sent a letter requiring SFPP to submit an ATIR or VRRP due to the facility having a priority score greater than 10 based on its 2017 annual emissions inventory. The primary air toxic contributing to the high priority score is benzene which comes from the fugitive losses from their 25 storage tanks. The facility did not elect for the VRRP within the required timeline and thus was required to submit an ATIR.

SFPP submitted their first ATIR on February 28, 2020. South Coast AQMD staff reviewed this ATIR and requested supporting clarification and documentation. After comparing the ATIR and supporting documentation, South Coast AQMD staff asked SFPP for appropriate ATIR revisions. The revised ATIR is due January 22, 2021.

A.41. So Cal Edison Co (ID 4477) – Avalon

So Cal Edison Co (SCE Pebbly Beach) is the primary producer of electric power for Santa Catalina Island and is located approximately one mile southeast of the city of Avalon. Electricity is generated using six diesel-fired engines. There is also a diesel-fired backup generator and 23 microturbines. Diesel fuel and liquefied petroleum gas (LPG) are periodically shipped in and stored at the facility. LPG is vaporized to produce a petroleum gas and air mixture to form a natural gas surrogate, where it is sent to either local residents or combusted in the microturbines.

On June 13, 2018, South Coast AQMD staff sent a letter requiring SCE Pebbly Beach to prepare either an ATIR or a VRRP due to the facility having a priority score greater than 10 based on its 2015 annual emissions inventory. The main air toxic contributing to the priority score is DPM from the six diesel-fired internal combustion engines.

SCE Pebbly Beach elected to prepare an ATIR and submitted it on November 13, 2018. On January 23, 2019, South Coast AQMD staff sent a letter to the facility approving the ATIR and requiring the preparation of an HRA based on the approved ATIR. SCE Pebbly Beach submitted the HRA on April 23, 2019. SCE Pebbly Beach submitted a revision to their HRA on September 12, 2019 to address staff's comments. Staff conducted a field evaluation of the facility in November 2019 to discuss the HRA and the public notification meeting. The HRA was approved on January 23, 2019. The approved HRA found a maximum residential cancer risk of 11.8 chances in-one-million mainly from diesel PM.

Since the HRA results were above the Notification Risk Level in Rule 1402, SCE Pebbly Beach was required to notify the public about the health risk. South Coast AQMD staff held a public notification meeting on June 24, 2020 by videoconference to explain the impact of SCE Pebbly Beach's emissions on public health and to discuss next steps.

A.42. So Cal Gas Co/Playa Del Rey Storage Fac (ID 8582) – Playa Del Rey

Southern California Gas Company (So Cal Gas) is a public utilities company that owns and operates a natural gas storage facility in the Playa del Rey community in the City of Los Angeles. Natural gas is compressed and stored in underground reservoirs. Transmission pipelines distribute

natural gas to and from the facility. Primary equipment at the facility include three natural gas internal combustion engines driving air compressors to facilitate storage of natural gas.

On May 31, 2017, South Coast AQMD staff sent a letter requiring So Cal Gas to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2015 annual emissions inventory with formaldehyde, 1,3-butadiene and benzene being the main air toxic contributors to the high priority score. On October 31, 2017, the ATIR was submitted.

On March 22, 2018, the ATIR was approved and So Cal Gas was required to submit an HRA based on the approved ATIR. The HRA was submitted on June 7, 2018. Following review, South Coast AQMD staff noted some deficiencies and required revision and resubmission of the HRA. So Cal Gas provided revisions on July 17, August 17, and a final revision on October 16, 2018. January 2, 2019, the HRA was approved with a predicted acute non-cancer hazard index of 7.28 which exceeded the public notification and risk reduction thresholds of Rule 1402. Since the risk isopleths covered an area of the Ballona Wetlands which is normally restricted to individuals who obtain a permit from the California Department of Fish and Wildlife, a modified public notice was done in lieu of a regular public meeting on January 10, 2019. So Cal Gas submitted an RRP on April 26, 2019 which was approved on December 6, 2019. The RRP proposed rerouting natural gas venting and using carbon adsorbers to control emissions, and permit applications were required to be submitted within 180 days after approval of the RRP. South Coast AQMD staff received the RRP Annual Progress Report on December 6, 2020 detailing completed RRP measures. Staff will continue to monitor the implementation of So Cal Gas' Risk Reduction Plan in 2021.

A.43. Sully Miller Contracting Co (ID 105277) – Irwindale

Sully Miller Contracting (Sully Miller) in Irwindale operates a hot mix asphalt plant located in the city of Irwindale that produces hot mix asphalt from aggregate and asphalt oil. The facility also processes sand, gravel, and recycled asphalt pavement. The facility's operations include aggregate handling and screening equipment, storage silos, asphalt storage tanks, and a rotary dryer.

On April 24, 2020, South Coast AQMD staff sent a notification letter requiring Sully Miller to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2017 annual emissions with hexavalent chromium from the asphalt rotary dryer as the main contributor to the priority score.

On June 11, 2020, the facility provided corrected information detailing the locations of the rotary dryer as well as receptors. Using the new source and receptor information, South Coast AQMD staff recalculated the priority score with the revised priority score less than 10. On June 25, 2020, South Coast AQMD staff notified the facility of the revised priority score.

A.44. Tesoro Refining & Marketing Co., LLC, Los Angeles Refinery (ID 800436, 174655, 174694, 174703) – Carson and Wilmington

The Tesoro Los Angeles Refinery (Tesoro Refinery) is located along the city border between the cities of Carson and Wilmington in south Los Angeles County. The Tesoro Refinery was originally two adjacent non-contiguous refineries but has been undergoing consolidation through the Los Angeles Refinery Integration and Compliance Project.²⁹ The Tesoro Refinery will be comprised

²⁹ http://www.aqmd.gov/docs/default-source/ceqa/documents/permit-projects/2017/tesorolaric/tesoro_feir.pdf

of approximately 930 acres with a processing capacity of approximately 380,000 barrels per day. In 2017, the Tesoro Corporation underwent a name change to Andeavor. In January 2020, Marathon Petroleum took over Andeavor and the Los Angeles Refinery.

On December 22, 2016, South Coast AQMD staff sent a letter requiring Tesoro Refinery to either prepare an ATIR or a VRRP due to the facility having a priority score greater than 10 based on its 2015 annual emissions inventory with polycyclic aromatic hydrocarbons, hexavalent chromium, arsenic, naphthalene, benzene, and cadmium as the main air toxic contributors to the high priority score.

Tesoro Refinery elected to participate in the Voluntary Risk Reduction Program, and submitted their VRRP on May 23, 2017. After initial review, South Coast AQMD staff required Tesoro Refinery to make several revisions. Both South Coast AQMD staff and Tesoro Refinery representatives have met several times regarding the revisions and risk reduction measures proposed. At the end of 2018, South Coast AQMD staff identified heaters located at Carson for source testing with the intention of establishing a representative emission profile for heaters located at Carson.

On February 19, 2019, South Coast AQMD sent Tesoro Refinery a letter requiring submittal of the source test protocols and additional documentation on the emissions inventory. Tesoro submitted the requested information on March 7, 2019 and the source test protocols for the three heaters on March 7, March 15, and April 11, 2019. South Coast AQMD staff approved these protocols on March 20, May 22, and May 29, 2019, respectively. Tesoro completed the source tests on June 28, 2019 and submitted the final report on August 20, 2019. South Coast AQMD staff reviewed and approved the last source test report on April 2, 2020. After the approval of the source tests, staff reviewed the results and developed a representative emission profile to be used at Carson. Staff expects the profile analysis to be completed and provided to Tesoro by February 2021.

A.45. Torrance Refining Company LLC (ID 181667) – Torrance

The Torrance Refinery covers 750 acres in the City of Torrance and has a 155,000 barrels per day of crude oil processing capacity. It is owned and operated by the Torrance Refining Company LLC, a subsidiary of PBF Energy.

On January 11, 2017, South Coast AQMD staff sent a letter requiring Torrance Refining to either prepare an ATIR or a VRRP due to the facility having a priority score greater than 10 based on its 2015 annual emissions inventory with polycyclic aromatic hydrocarbons, arsenic, benzene, and cadmium being the main air toxic contributors to the high priority score.

Torrance Refining elected to participate in the Voluntary Risk Reduction Program. The facility submitted the VRRP on August 24, 2017 for the 2016 inventory year as the 2015 inventory year was affected by unit shutdown due to a major breakdown. Several revisions to the VRRP were received on November 17, 2017, August 3 and December 5, 2018, March 25 Decemb[dates] following South Coast AQMD staff comments as well as facility modifications to risk reduction measures. Torrance Refining submitted the final VRRP revision on April 17, 2020 that was conditionally approved by South Coast AQMD on July 17, 2020. A progress report for the VRRP is anticipated in 2021.

A.46. Ultramar Inc (ID 800026) – Wilmington

Ultramar Refining Company (Ultramar) is a subsidiary of Valero Energy Corporation and operates a 135,000 barrel per day crude oil processing capacity petroleum refinery facility in Wilmington.

On March 29, 2017, South Coast AQMD staff sent a letter requiring Ultramar to either prepare an ATIR or a VRRP due to the facility having a priority score greater than 10 based on 2015 annual emissions inventory with polycyclic aromatic hydrocarbons emissions as the main air toxic contributor to the high priority score.

Ultramar elected to participate in the Voluntary Risk Reduction Program and submitted the VRRP on August 25, 2017. After review by South Coast AQMD staff, items were found to be missing, which included throughput data, emission factors, calculation basis, and certain devices and device descriptions. Ultramar subsequently provided the missing information on September 15 and October 26, 2017. Ultramar provided information on emission factor reference sources on February 26, 2018. However, review indicated that the VRRP still had an incomplete emissions inventory, among other issues. From March 22, 2018 thru the end of the year, staff provided comments to the facility regarding unaccounted emissions and continued deficiencies in the submitted files. Upon review of revised files received on December 13, 2018, South Coast AQMD staff determined that the facility once again failed to provide all the requested information and another resubmission was required.

Staff sent multiple emails and held conference calls with Ultramar regarding issues with the VRRP language, welding rod emission calculations, sulfuric acid emission calculations, and other various issues from January 3, until March, 2019. Although Ultramar indicated during a conference call on March 28, 2019 that all revisions would be submitted to South Coast AQMD, after multiple follow-ups in April, Ultramar still had not provided the revisions. Ultramar submitted the revisions on May 31, 2019 after South Coast AQMD staff notified the facility that the VRRP would be rejected since the facility had failed to submit the revisions. Issues remained with the welding emissions calculations and subsequent revisions were submitted on June 28, 2019 and November 5, 2019. South Coast AQMD staff found additional issues and held a conference call with Ultramar to discuss the air dispersion modeling receptor grid and clarify language in the VRRP regarding the risk reduction measure of detailed recordkeeping for diesel engines. Although staff received another revision on January 17, 2020, the recordkeeping language was not enforceable or specific leading to another conference call. Examples for approvable recordkeeping were provided and revisions were expected by January 31, 2020. Staff emailed Ultramar on January 28, 2020 to remind Ultramar of the discussion and deadline but did not receive any submittal by the due date. As a result, staff rejected the VRRP on February 20, 2020.

Ultramar submitted another revision on March 19, 2020 but staff found remaining issues with the language and modeling. Ultramar submitted another VRRP revision on April 16, 2020.

After reviewing the submittal, staff requested a few additional items such as an update to the recordkeeping log to account for unpermitted equipment. Staff received Ultramar's response, and this was under review by staff at the close of 2020.

A.47. Vista Metals Corporation (ID 14495) – Fontana

Vista Metals Corporation (Vista Metals) is a secondary aluminum smelter located in Fontana manufacturing specialty aluminum alloy ingots, plates, and slabs used primarily by aerospace and

automotive manufacturers. The facility operates melting furnaces, homogenizing heat treat furnaces, chip dryers, a service station, and numerous Rule 219 exempt equipment.

On August 23, 2019, South Coast AQMD staff sent a letter requiring Vista Metals to prepare an ATIR or a VRRP due to the facility having a priority score greater than 10 based on its 2018 annual emissions inventory. The main toxic air contaminants contributing to the priority score are dioxins and furans from furnace melting operations and rotary dryer processes. Vista Metals submitted a partial ATIR on January 21, 2020 and an initial evaluation was completed by South Coast AQMD staff.

Vista Metals opted to conduct source tests on a dryer, a furnace, and associated control equipment to evaluate the emissions of toxic metals, hexavalent chromium, dioxins and furans. Source test protocols were submitted on April 21, 2020. South Coast AQMD staff reviewed and conditionally approved the protocols. Source tests for the equipment were conducted in 2020 on August 4th, September 29th, and October 5th. The source test reports were submitted on December 4, 2020 and are currently under review by South Coast AQMD staff.

A.48. Vorteq Pacific (ID 191677) – Rancho Cucamonga

Vorteq Pacific is a producer of coated aluminum and steel products in Rancho Cucamonga. The facility coats metal sheets and slits metal coils made of aluminum, steel, and stainless steel. Major operations include metal surface preparation, coating, and wastewater treatment. The facility was previously known as Western Metal Decorating Co. (ID 17956) before being acquired by Vorteq Coil on October 18, 2019.

On August 23, 2019, South Coast AQMD staff sent a letter requiring Western Metal Decorating to prepare an ATIR due to the facility having a priority score greater than 10 based on its 2018 annual emissions inventory. The main toxic air contaminants contributing to the priority score are polycyclic aromatic hydrocarbons from coating operations. Due to the change in ownership, Vorteq was responsible for submitting the ATIR. Vorteq submitted the ATIR on January 21, 2020 with a subsequent revision submittal on April 24, 2020 to address errors in calculating particulate toxic air contaminant emissions from spray coating. The ATIR was approved on May 22, 2020.

A.49. Whittier Fertilizer Co (ID 511) – Pico Rivera

Whittier Fertilizer Co. (Whittier Fertilizer) is a fertilizer manufacturing and green waste composting facility located in Pico Rivera. The facility manufactures a variety of products such as fertilizers, composts, soil amendments, mulch, and decorative rocks. After receiving raw materials, these materials are further processed through grinders, screens, shredders, and bagging systems.

On January 25, 2019, South Coast AQMD staff sent a letter requiring Whittier Fertilizer to submit an ATIR due to the facility having a priority score greater than 10 based on its 2017 annual emissions inventory, with polycyclic aromatic hydrocarbons (PAHs) from diesel engine combustion as the main air toxics contributing to the high priority score. Speciated diesel components, including PAHs, were appropriately grouped as diesel particulate matter (DPM) upon submittal of the ATIR. On June 20, 2019, Whittier submitted an ATIR to the South Coast AQMD. South Coast AQMD staff approved the ATIR on August 9, 2019 and notified the facility to prepare and submit a HRA by November 12, 2019.

Whittier Fertilizer submitted an HRA to the South Coast AQMD on October 29, 2019. During review of the submitted HRA, it was determined that emissions from the diesel engines were overestimated. On December 10, 2019, South Coast AQMD staff notified Whittier Fertilizer that a revision to the emissions inventory and subsequently the HRA was necessary. On February 5, 2020, South Coast AQMD approved the revised HRA. Whittier Fertilizer was below the Rule 1402 Notification Risk Level and therefore was not required to conduct public notification.

Appendix B — Summary of Toxic Air Contaminants in the South Coast Air Basin

In addition to South Coast AQMD's periodic Multiple Air Toxics Exposure Studies (MATES), CARB has maintained a long-term continuous toxics monitoring network since the late 1980's.³⁰ In this chapter, trends in cancer risks based on monitoring data from both CARB and South Coast AQMD monitors are illustrated for sites in the South Coast Air Basin. Health risk levels for the most recent three-year period (i.e., 2017 to 2019) are also shown for the air toxics which are monitored. CARB's and South Coast AQMD's monitoring networks do not directly measure DPM, which contributes significantly to cancer risks in the Basin. Since this is ambient air quality data, both mobile and stationary emission sources are captured in the health risk levels provided here. Looking at this historical data set illustrates the benefits of past regulatory control efforts.

Four of the approximately 16 current active sites in CARB's statewide toxics monitoring network are in or near the Basin as shown in Figure B-1. CARB's long-term sites within the Basin are located in Azusa, Los Angeles, and Riverside-Rubidoux. Simi Valley is included in this analysis since it is located just outside the western edge of the Basin and represents conditions at the western end of San Fernando Valley. Measurements from CARB monitors consist of 24-hour integrated samples collected once every 12 days. Measurements from South Coast AQMD monitors consist of 24-hour integrated samples collected once every 6 days.³¹ Table B-1 lists the toxic air contaminants that are monitored with the carcinogenic compounds identified with an asterisk.

³⁰ Information and data from both CARB's toxic monitoring network and EPA's Air Quality Stream (AQS) which also hosts South Coast AQMD data are available at the links below:

<http://www.arb.ca.gov/adam/toxics/toxics.html>

<https://www.epa.gov/aqs>

³¹ Data used in this appendix utilizes South Coast AQMD data when available. CARB data is used to supplement when a lack of data is available.

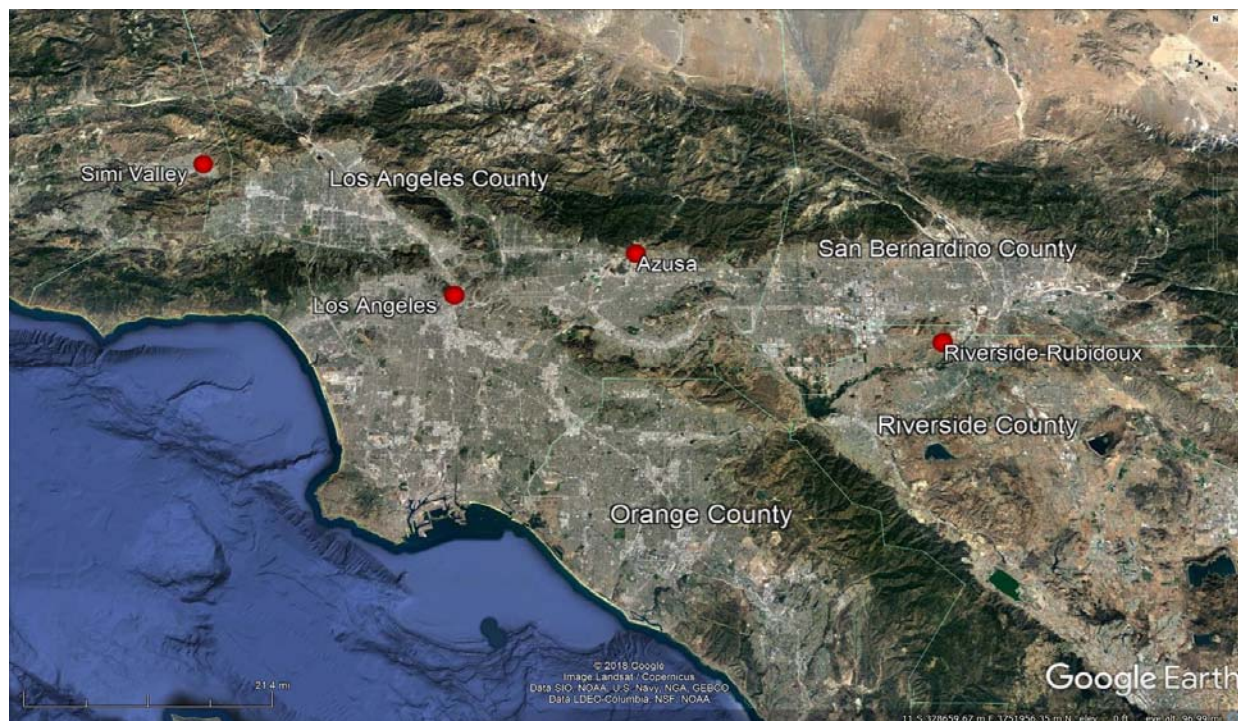


Figure B-1 — CARB toxic monitoring sites in the South Coast Air Basin

Table B-1 — Toxic Air Contaminants Monitored

Toxic VOC		Toxic PM
Acetaldehyde*	Methyl Bromide	Hexavalent Chromium*
Acrolein	Methyl Chloroform	Lead*
Benzene*	Methyl Ethyl Ketone	Manganese
1,3-Butadiene*	Methylene Chloride*	Nickel*
Carbon Tetrachloride*	Perchloroethylene*	Selenium
Chloroform*	Styrene	
Ethyl Benzene*	Toluene	
Formaldehyde*	Trichloroethylene*	

* Carcinogen

The 2015 OEHHA Risk Assessment Guidelines incorporates age sensitivity and exposure factors which increase cancer health risk estimates to residential and sensitive receptors by approximately three times, and more than three times in some cases depending on whether the toxic air contaminant has multiple pathways of exposure in addition to the inhalation pathway. Under the 2015 OEHHA Risk Assessment Guidelines, even though the toxic pollutant concentrations may not have increased, the estimated cancer risk to a residential receptor will increase.

Figure B-2 presents health risk trends using the 2015 OEHHA Risk Assessment Guidelines.³² The inhalation cancer risk shown is estimated based on a 30-year exposure. Inhalation cancer health

³² Cancer Risks from toxic air contaminants in Table B-1. Excludes cancer risks from DPM.

risks have decreased significantly at all stations since 1990. Cancer risks have decreased by approximately 81, 84, and 78 percent at Riverside, Los Angeles, and Simi Valley, respectively.³³ Azusa station shows a decrease in cancer risk by 47 percent since 2000.

Note that the Riverside station showed an increase in cancer risk for 2016. This was solely due to higher measured concentrations of methylene chloride for 2016, which were more than 30 times higher than the previous year. The readings for 2017 through present, however, have dropped to a level that is more consistent with 2015 and earlier data Figure B-3 shows the monitored methylene chloride concentrations at the Riverside station from 2000 to 2019, averaged by quarter.

Further, it was discovered that there were leaks in the VOC sampling manifolds for the Los Angeles and Riverside. Data for the Los Angeles station was impacted during the period of August 17, 2018 to April 25, 2019. Data for Riverside station was impacted during the period of September 22, 2017 to February 19, 2019. The leaks in the manifold resulted in atypical readings for acetaldehydes and formaldehyde. The data was ultimately invalidated, and insufficient data was available for 2018 for those two compounds. Therefore, readings from 2017 were used for acetaldehyde and formaldehyde. Although readings for other organic compounds were also invalidated when necessary, there was enough data to be representative of 2018.

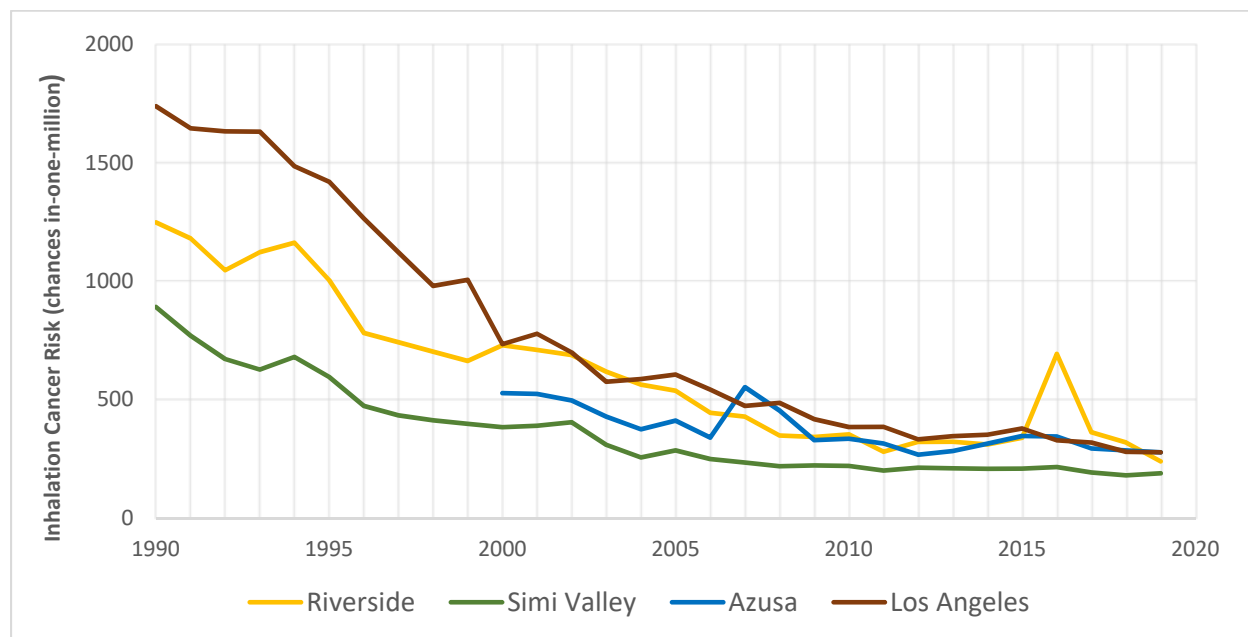


Figure B-2 — Trends in Inhalation Cancer Risks in the Basin (1990-2019)

³³ Some concentrations were not available for certain years. In order to avoid under-representing the total cancer risk from all toxic compounds, values are interpolated between years where possible. If data for a certain toxic compound is unavailable for the latest year, the available data point from the most recent prior year is used in its place.

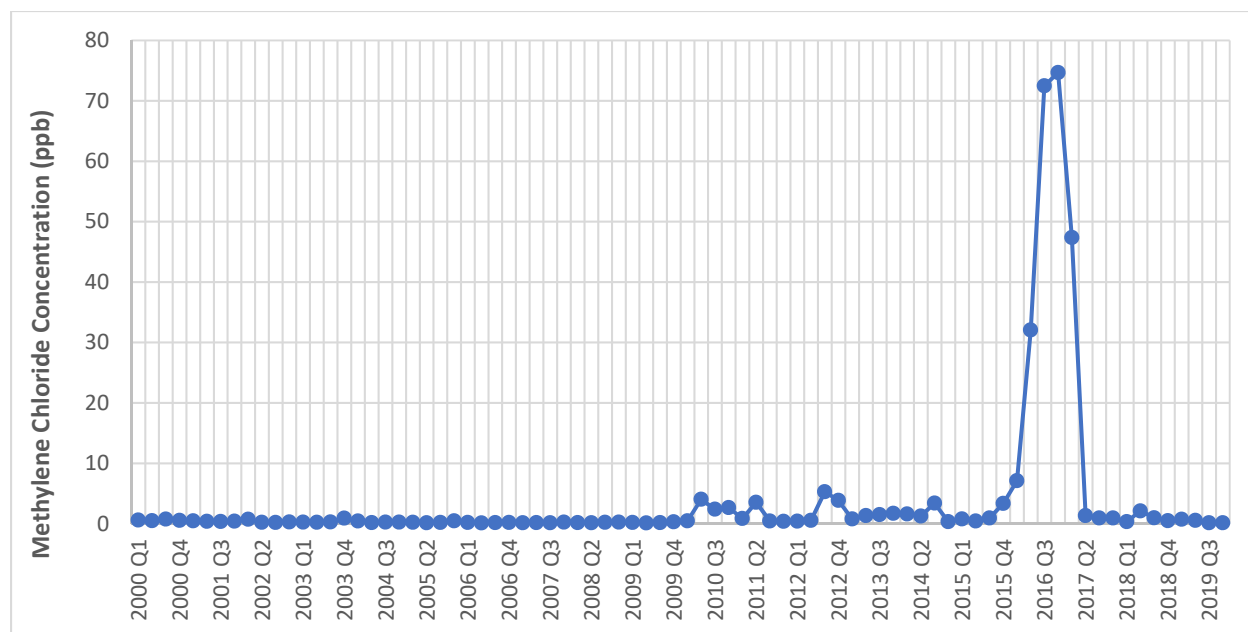


Figure B-3 — Methylene Chloride Monitored Concentrations at Riverside Station, Averaged by Quarter (2000 to 2019)

Azusa station started in 1995 as one of the Photochemical Assessment Monitoring Stations (PAMS) network aimed at determining speciated hydrocarbon ozone precursor compounds in ambient air. On October 17, 2006, U.S. EPA issued final amendments to PAMS monitoring requirements in 40 CFR Code 58. On July 1, 2009, to address these amendments, and with site-specific observations from the PAMS network assessment project, Azusa station was reclassified from Type 3 (maximum ozone concentration site) to Type 2 (maximum ozone precursor emissions impact site or above 8-hour ozone). The proposed change addressed the National PAMS Network Assessment that Azusa has high Volatile Organic Compounds (VOC) and Oxides of Nitrogen (NOX) concentrations, with lower ozone concentrations. The site now more closely resembles a Type 2 ozone precursor site.

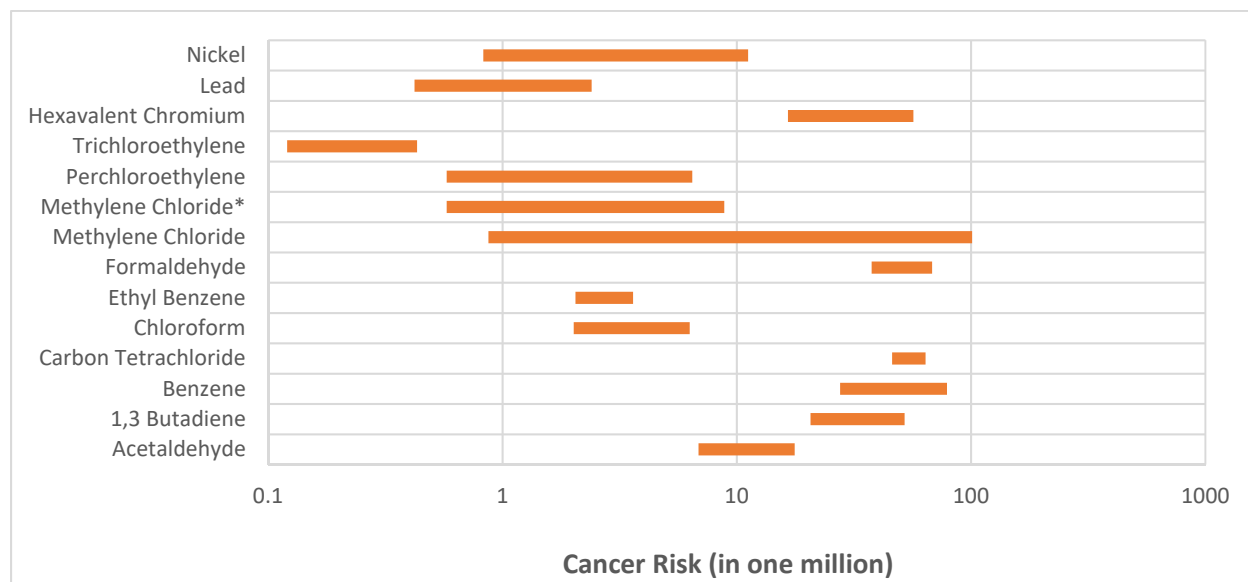
The reduction in cancer risk at the Azusa station is primarily from reductions in ambient concentrations of benzene and 1,3-butadiene. Benzene accounts for 42 percent of the cancer risk reduction and 1,3-butadiene accounts for 45 percent of the cancer risk reduction.

The cancer risk reductions shown in Figure B-2 occurred despite significant increases in population and vehicle activity. As shown in Table B-2, the population increased by 42 percent since 1990 and daily vehicle miles traveled), vehicle population, and daily fuel consumption increased by 47, 59, and 35 percent, respectively.

Table B-2 — Change in Population and Vehicle Activity in the Basin Since 1990³⁴

Activity Variable	1990	2020	Percentage Increase
Population	13,083,594	18,638,550	42.5%
Daily Vehicle Miles Traveled (1,000 mile per day)	282,561	414,267	46.6%
Vehicle Population	7,547,354	11,961,100	58.5%
Daily Fuel Consumption (1,000 gal per day)	18,338	24,712	34.8%

The relative importance of each of the toxics at the four monitoring stations is illustrated in Figure B-4 below. These ranges do not represent all potential exposures, and some areas near facilities with toxic air contaminant emissions may have higher cancer risks. The range of cancer risks for the four sites analyzed here are shown for the most recently available three-year period (2017 to 2019). As mentioned previously, the range of inhalation cancer risk includes the high measurements for methylene chloride from 2016 at the Riverside station that are inconsistent with all other readings taken at this station. To better demonstrate the effect, methylene chloride is shown in the charts twice: inclusive of all readings, and exclusive of the high Riverside readings.



* Excludes peak readings from Riverside station in the first quarter of 2017

Figure B-4 — Inhalation Cancer Risks in the Basin (2017 to 2019)

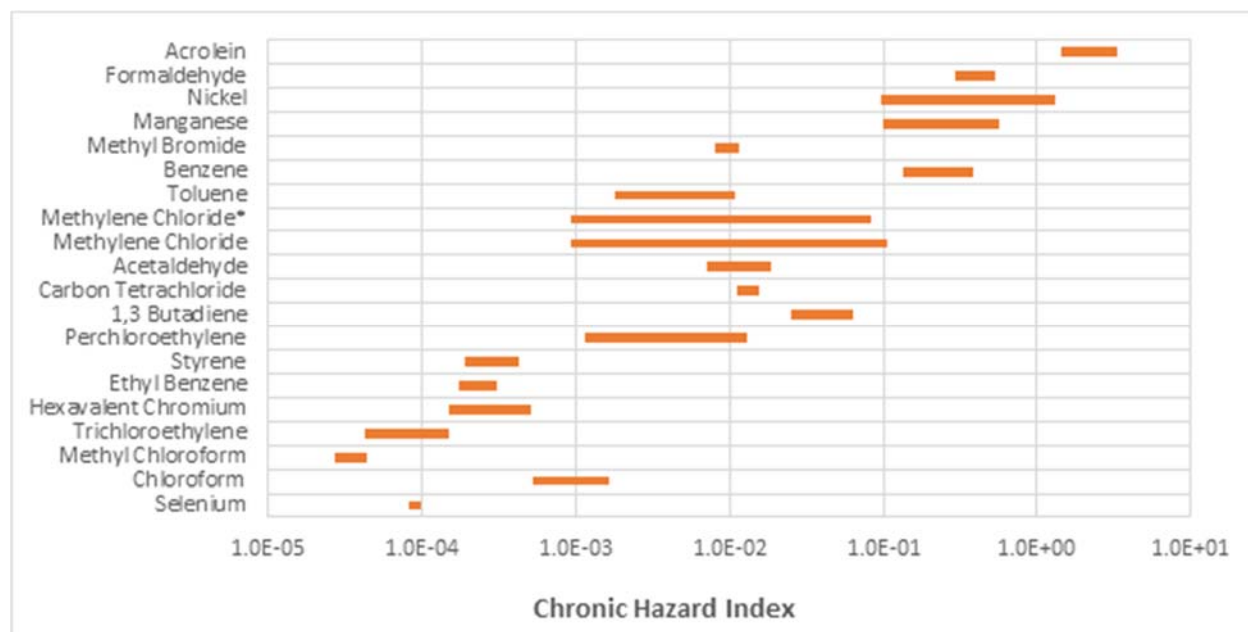
Benzene, 1,3-butadiene, formaldehyde, carbon tetrachloride, hexavalent chromium, methylene chloride, acetaldehyde, and ethyl benzene are the largest contributors to the inhalation cancer risks, contributing individually from approximately 0.5 to 396 chances in-one-million. The ambient carbon tetrachloride concentrations observed in the Basin are not from a local source of emissions but represent background conditions. Note that there is little variability in cancer risks attributable

³⁴ Source: http://www.arb.ca.gov/app/emsinv/trends/ems_trends.php.

to carbon tetrachloride as indicated by its short bar in Figure B-4. In fact, there is little variability statewide in carbon tetrachloride concentrations, with concentrations varying by less than ten percent. Perchloroethylene, chloroform, and nickel each contribute between approximately 0.6 and 9.4 chances in-one-million and trichloroethylene and lead contribute on average about two chances in-one-million to the inhalation cancer risks.

As demonstrated in the series of MATES conducted by South Coast AQMD staff, DPM is by far the largest contributor to inhalation cancer risks observed in the Basin. The MATES IV study attributed about 68 percent of the inhalation cancer risks to DPM based on emissions from 2012,³⁵ compared to 84 percent in MATES III based on emissions in 2005.³⁶ The total cancer risks shown in Figures B-2 and B-4 therefore represent only about 32 percent of the population weighted inhalation cancer risks found in the MATES IV study. Note that MATES V study is anticipated in 2021.

The range of non-cancer chronic risks for the four sites analyzed here are shown in Figure B - 5 for the most recently available three-year period (2017 to 2019). Similar to the cancer risk analysis, an additional Methylene Chloride data entry (denoted with an asterisk) was added to remove the high readings recorded at the Riverside monitor. For each toxic air contaminant, the ratio of the observed concentration to the pollutant’s chronic REL is shown. Ratios less than one indicate that the observed concentrations are less than OEHHA’s defined RELs, and are not anticipated to result in adverse non-cancer health effects in the general population, including sensitive subpopulations. Ratios greater than one indicate the potential for adverse health effects. This concentration to REL ratio is also referred to as the Hazard Index (HI).



* Excludes peak readings from Riverside station in the first quarter of 2017

³⁵ See page ES-2 of the MATES IV Executive Summary which is available at: <http://www.aqmd.gov/docs/default-source/air-quality/air-toxic-studies/mates-iv/mates-iv-final-draft-report-4-1-15>

³⁶ See page ES-3 of the MATES III Executive Summary which is available at: <http://www.aqmd.gov/home/air-quality/air-quality-studies/health-studies/mates-iii/mates-iii-final-report>

Figure B-5 — Non-cancer Chronic Risks in the Basin (2017 to 2019)

Note that acrolein, a respiratory irritant, is the only toxic air contaminant in which ambient concentrations are above its REL throughout the state and thus may partially reflect general background conditions. However, it should be noted that acrolein is well known to be difficult to measure with current techniques, and therefore, there is considerable uncertainty and data quality issues associated with these measurements.³⁷ At best, acrolein monitoring data should be considered as a rough indicator, not accurate enough to be compared to health benchmarks. Acrolein emissions can better be estimated using computer modeling methods.

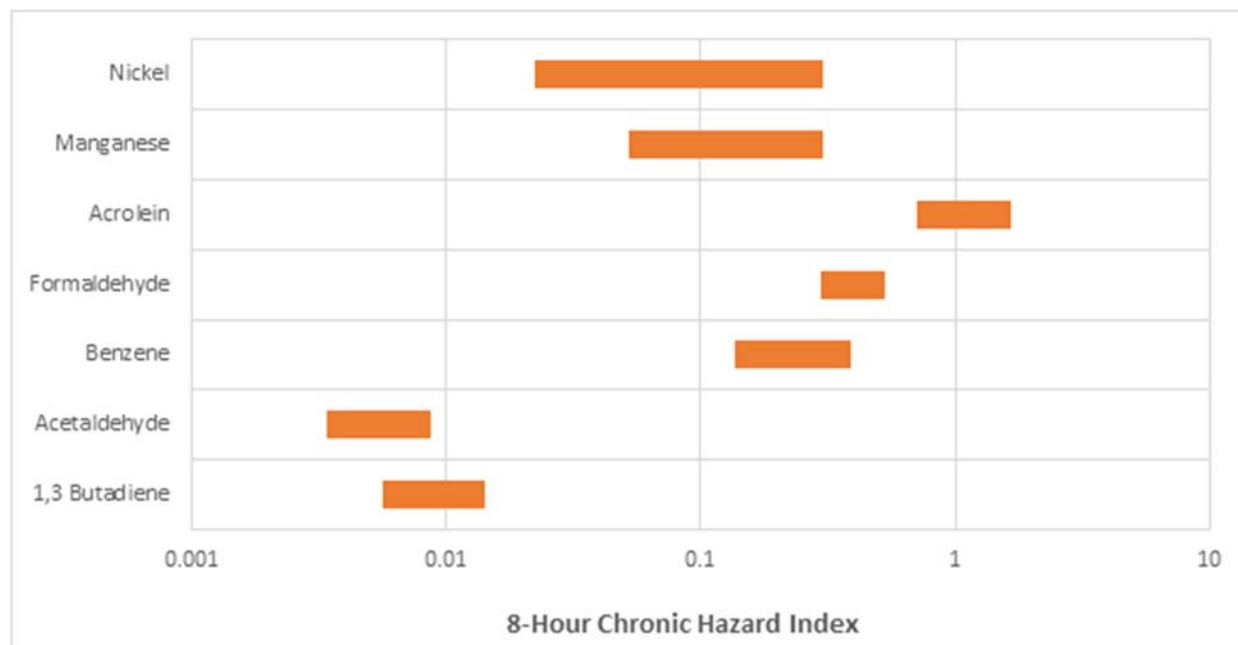


Figure B-6 — Non-cancer 8-Hour Chronic Risks in the Basin (2017 to 2019)

The 2015 OEHHA Risk Assessment Guidelines includes methodology for estimating an 8-hour chronic HI using 8-hour REL developed for this purpose. The 8-hour RELs were developed only for repeated, chronic daily 8-hour exposures (e.g. a typical worker or resident exposed to a facility that operates equal to or more than 8 hours per day and 5 days per week). The 8-hour chronic HI is based upon the daily average 8-hour exposure only for those chemicals with 8-hour chronic RELs. The range of non-cancer 8-hour chronic health risks for the four sites analyzed here are shown above in Figure B-6 for the most recently available three-year period (2017 to 2019).

³⁷ R. Schulte-Ladbeck, et al. "Characterization of chemical interferences in the determination of unsaturated aldehydes using aromatic hydrazine reagents and liquid chromatography." *J. Environ. Monit.*, 2001, 3, 306–310.
 Ho, S.S.H., et al. "Unsuitability of using the DNPH-coated solid sorbent cartridge for determination of airborne unsaturated carbonyls." *Atmospheric Environment*. 2011 45, 261-265.
 Herrington, J.S., et al. "Concerns regarding 24-h sampling for formaldehyde, acetaldehyde, and acrolein using 2,4- dinitrophenylhydrazine (DNPH)-coated solid sorbents." *Atmospheric Environment* 2012, 55, 179-184.
 Grosjean, D., "Ambient Levels of Formaldehyde, Acetaldehyde, and Formic Acid in Southern California: Results of a One- Year Base-Line Study," *Environmental Science & Technology*, Vol 25, 1991, pp. 710–715.

Methylene chloride does not have an 8-hour REL as defined by OEHHA and does not affect the 8-hour chronic hazard index.

As stated above, acrolein is the only toxic air contaminant in which ambient concentrations are above its REL. It should be noted that the ambient concentrations of acrolein are above its REL throughout the state and thus may partially reflect general background conditions.

Appendix C — Health Risks from Facilities with an Approved HRA

The tables in Appendix C list the facilities and the health risks identified in their HRAs or RRP as reviewed and approved by South Coast AQMD staff. Risks presented in these tables were calculated based on guidance that was available from OEHHA at the time of HRA approval. For example, the health risks presented in this appendix for facilities with HRA approval date prior to 2015 do not include the health risk calculation methodologies (2015 OEHHA Risk Assessment Guidelines) that account for the differences in children’s breathing rates and place greater emphasis on their susceptibility to cancer risk in comparison to adults. The health risks in all HRAs finalized by South Coast AQMD staff in 2015 were recalculated to reflect the 2015 OEHHA Risk Assessment Guidelines. Additionally, facilities that have elected to participate in the Voluntary Risk Reduction Program and have an approved VRRP are listed in Table D-2.

Table C-1 lists the facilities in order of their cancer risks and Table C-2 lists the facilities ordered by facility ID. The listed health risks are from an approved HRA, unless an approved RRP has been fully implemented. In those instances, the listed health risks reflect the health risks after the implementation of the RRP. Appendix D lists the status of the facility’s RRP and is presented by facility ID. Attention should also be given to the footnotes for this appendix which denote facilities with updated HRAs pending approval and facilities with health risks including emergency diesel internal combustion engines. It also provides the last known status of each facility as follows:

“A” – Active (note that facilities with this status may not be in operation currently)

“O” – Out of business or inactive

“Out of business or inactive” facilities have been retained for historical purposes since staff occasionally receives public inquiries regarding these facilities. Facilities may undergo change of ownership could have different name and facility ID numbers. The following thresholds are identified in South Coast AQMD Rule 1402 — Control of Toxic Air Contaminants from Existing Sources:

Thresholds	Cancer Risk in MM	Acute, Chronic HI	Cancer Burden
Significant Risk Level	≥ 100	≥ 5.0	N/A
Action Risk Level	≥ 25	≥ 3.0	≥ 0.5
Notification Risk Level	≥ 10	≥ 1.0	N/A
Voluntary Risk Threshold	≥ 10	≥ 1.0	N/A
Exemption Level	< 1	< 0.1	N/A

Table C-1
Health Risks from Facilities with an Approved HRA
 (Listed in descending order by cancer risk)

Facility ID	Facility Status (a)	Facility Name	City	Cancer Risk (chances in-one-million)	Cancer Burden (c)	Non-Cancer Acute Hazard Index	Non-Cancer Chronic Hazard Index	HRA Approval Year (b)
16951	A	ANAPLEX CORP	PARAMOUNT	2836.0	9.73	23.84	2.02	2018
23752	A	AEROCRAFT HEAT TREATING CO INC	PARAMOUNT	1900.0	11.00	2.90	0.15	2018
11818	A	HIXSON METAL FINISHING	NEWPORT BEACH	1502.0	1.09	0.20	0.10	2015
800327	A	GLENDALE CITY, GLENDALE WATER & POWER	GLENDALE	179.5	4.97	0.80	1.69	2019
41229	A	LUBECO INC	LONG BEACH	128.6	0.08	0.18	0.45	2019
113873	A	MM WEST COVINA	WEST COVINA	67.2	6.11	1.70	0.99	2020
171107	A	PHILLIPS 66 CO/LA REFINERY WILMINGTON PL	WILMINGTON	33.8	0.64	0.44	0.19	2020
800372	A	EQUILON ENTER. LLC, SHELL OIL PROD. US	CARSON	22.0	0.26	1.30	0.07	2020
122822	O	CONSOLIDATED FILM INDUSTRIES, LLC	HOLLYWOOD	21.0	ND	0.10	0.40	2000
181426	A	OC WASTE & RECYCLING, COYOTE	NEWPORT COAST	20.1	0.18	0.60	0.30	2009
14495	A	VISTA METALS CORPORATION	FONTANA	19.8	0.06	0.00	0.30	2008
165192	A	TRIUMPH AEROSTRUCTURES, LLC	HAWTHORNE	19.7	ND	0.64	0.24	1999
187823	A	KIRKHILL INC	BREA	18.8	0.07	0.06	0.11	2019
11142	A	KEYSOR-CENTURY CORP	SAUGUS	17.0	ND	0.50	0.10	2000
18989	A	BOWMAN PLATING CO INC	COMPTON	17.0	0.00	0.01	0.01	2015
22911	A	CARLTON FORGE WORKS	PARAMOUNT	15.4	ND	1.76	1.04	2016
35302	A	OWENS CORNING ROOFING AND ASPHALT, LLC	COMPTON	14.0	0.02	0.10	0.10	2000
180631	A	STCDARA, LLC	LA PUENTE	13.8	0.02	0.01	0.74	2001
23907	A	JOHNS MANVILLE CORP	CORONA	13.0	ND	0.40	2.70	1999
18648	O	CROWN CITY PLATING CO.	EL MONTE	12.0	ND	0.40	0.10	2000
4477	A	SO CAL EDISON CO	AVALON	11.8	0.05	0.44	0.02	2020
800436	A	TESORO REFINING AND MARKETING CO, LLC	WILMINGTON	10.7	0.37	0.30	0.40	2013
106797	A	SAINT-GOBAIN CONTAINERS, INC.	LOS ANGELES	9.9	ND	0.00	0.10	2000
101380	O	GENERAL DYNAMICS OTS (DOWNEY) INC	DOWNEY	9.8	ND	0.00	0.10	2000
148925	A	CHERRY AEROSPACE	SANTA ANA	9.7	ND	0.10	0.20	1999
800373	A	LAKELAND DEVELOPMENT COMPANY	SANTA FE SPRINGS	9.7	ND	0.30	0.10	2000

Table C-1 (cont'd)
Health Risks from Facilities with an Approved HRA
 (Listed in descending order by cancer risk)

Facility ID	Facility Status (a)	Facility Name	City	Cancer Risk (chances in-one-million)	Cancer Burden (c)	Non-Cancer Acute Hazard Index	Non-Cancer Chronic Hazard Index	HRA Approval Year (b)
187165	A	ALTAIR PARAMOUNT, LLC	PARAMOUNT	9.6	ND	0.00	0.00	2002
511	A	WHITTIER FERTILIZER CO	PICO RIVERA	9.5	0.02	0.07	0.00	2020
15504	A	SCHLOSSER FORGE COMPANY	RANCHO CUCAMONGA	9.5	0.07	1.59	1.11	2002
800149	A	US BORAX INC	WILMINGTON	9.5	ND	0.00	0.00	2000
800318	A	GRISWOLD INDUSTRIES	COSTA MESA	9.5	0.01	0.10	0.00	2001
10510	A	GREGG INDUSTRIES INC	EL MONTE	9.4	ND	0.60	0.60	2008
62897	A	NORTHROP GRUMMAN CORP, MASD	PICO RIVERA	9.4	ND	1.00	0.50	2000
155828	A	GARRETT AVN. SVCS. LLC DBA STANDARD AERO	LOS ANGELES	9.3	ND	0.19	0.25	2002
8582	A	SO CAL GAS CO/PLAYA DEL REY STORAGE FAC	PLAYA DEL REY	9.2	0.02	7.28	0.02	2019
42922	A	CMC PRINTED BAG INC	WHITTIER	9.0	ND	0.00	0.00	1995
174710	A	TESORO LOGISTICS, VINVALE TERMINAL	SOUTH GATE	9.0	ND	0.00	0.00	1994
169990	A	SPS TECHNOLOGIES, LLC	GARDENA	8.9	ND	0.10	0.10	1999
800184	A	GOLDEN WEST REF CO	SANTA FE SPRINGS	8.8	ND	0.20	0.10	1997
175124	A	AEROJET ROCKETDYNE OF DE, INC.	CANOGA PARK	8.7	ND	0.00	0.00	1995
2680	A	LA CO., SANITATION DISTRICT	WHITTIER	8.6	ND	0.00	0.00	1999
7203	A	HESSCO IND INC	LA HABRA	8.6	ND	0.00	0.00	1995
194241	A	STRUCTURAL COMPOSITES IND	POMONA	8.6	0.00	0.00	0.20	2002
194431	A	GC HUNTINGTON PARK, LLC	HUNTINGTON PARK	8.5	ND	0.00	0.00	2000
800057	A	KINDER MORGAN LIQUIDS TERMINALS, LLC	CARSON	8.5	ND	0.00	0.10	1999
800079	A	PETRO DIAMOND TERMINAL CO	LONG BEACH	8.3	ND	0.00	0.20	1998
125281	O	ALCO CAD-NICKEL PLATING, MODERN PLATING	LOS ANGELES	8.2	ND	0.10	0.00	1995
21615	O	PERKINELMER OPTOELECTRONICS SC, INC	AZUSA	8.1	ND	0.20	0.10	1998
7730	A	CARPENTER CO	RIVERSIDE	8.0	ND	0.03	1.34	2003
800054	A	GATX RAIL CORP	SAN PEDRO	8.0	ND	0.30	0.50	1997
3609	A	AL'S PLATING CO INC	LOS ANGELES	7.8	ND	0.30	0.20	1999
37603	A	SGL TECHNIC LLC	VALENCIA	7.8	ND	0.00	0.40	1998
800182	A	RIVERSIDE CEMENT CO	RIVERSIDE	7.8	0.11	0.10	0.10	2001

Table C-1 (cont'd)
Health Risks from Facilities with an Approved HRA
 (Listed in descending order by cancer risk)

Facility ID	Facility Status (a)	Facility Name	City	Cancer Risk (chances in-one-million)	Cancer Burden (c)	Non-Cancer Acute Hazard Index	Non-Cancer Chronic Hazard Index	HRA Approval Year (b)
13920	A	SAINT JOSEPH HOSPITAL	ORANGE	7.7	0.00	0.80	0.30	2008
181667	A	TORRANCE REFINING COMPANY LLC	TORRANCE	7.7	0.15	0.20	0.50	2013
169754	A	SO CAL HOLDING, LLC	HUNTINGTON BEACH	7.6	0.02	0.02	0.04	2019
18294	A	NORTHROP GRUMMAN SYSTEMS CORP	EL SEGUNDO	7.6	ND	0.13	0.05	1999
113170	A	SANTA MONICA - UCLA MEDICAL CENTER	SANTA MONICA	7.6	0.14	0.20	0.00	1997
800214	A	LA CITY, SANITATION BUREAU (HTP)	PLAYA DEL REY	7.6	ND	0.10	0.00	1999
20197	A	LAC/USC MEDICAL CENTER	LOS ANGELES	7.5	ND	0.70	0.40	2007
800032	A	CHEVRON USA INC	MONTEBELLO	7.5	0.14	0.00	0.20	1999
800150	A	US GOVT, AF DEPT, MARCH AIR RESERVE BASE	RIVERSIDE	7.4	0.02	0.30	0.00	2008
108701	A	SAINT-GOBAIN CONTAINERS, INC.	EL MONTE	7.3	ND	0.10	0.10	2000
174655	A	TESORO REFINING & MARKETING CO, LLC	CARSON	7.3	ND	0.30	0.10	2000
800117	A	SHELL OIL CO (EIS USE)	WILMINGTON	7.3	ND	0.00	0.10	1998
800026	A	ULTRAMAR INC	WILMINGTON	7.2	0.18	0.70	0.20	2012
800113	A	ROHR, INC.	RIVERSIDE	7.2	0.01	0.90	0.00	2007
800236	A	LA CO. SANITATION DIST	CARSON	7.2	ND	0.20	0.10	2007
8547	A	QUEMETCO INC	CITY OF INDUSTRY	7.1	0.45	0.09	0.69	2016
27343	O	CON AGRA INC, GILROY FOODS DBA	SANTA ANA	7.1	ND	0.20	0.10	1995
49387	A	UNIV CAL, RIVERSIDE	RIVERSIDE	7.1	ND	0.00	0.00	2018
166587	A	THE BOEING COMPANY	HUNTINGTON BEACH	7.0	ND	0.00	0.00	1995
800209	A	BKK CORP (EIS USE)	WEST COVINA	6.9	ND	0.00	0.10	2000
20280	A	METAL SURFACES INTERNATIONAL, LLC	BELL GARDENS	6.8	0.00	0.90	0.30	2011
5723	A	DUCOMMUN AEROSTRUCTURES INC	ORANGE	6.7	ND	0.00	0.10	1999
118998	O	CYTEC FIBERITE INC	CULVER CITY	6.6	ND	0.00	0.20	1997
171109	A	PHILLIPS 66 COMPANY/LOS ANGELES REFINERY	CARSON	6.6	0.11	0.00	0.30	2011
186519	A	EMBEE PROCESSING	SANTA ANA	6.6	ND	0.21	0.58	2000
6643	A	TECHNICOLOR INC	NORTH HOLLYWOOD	6.5	ND	0.00	0.10	2007
11726	A	GE ENGINE SERVICES	ONTARIO	6.5	ND	0.10	0.60	1999

Table C-1 (cont'd)
Health Risks from Facilities with an Approved HRA
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34764	A	CADDOCK ELECTRONICS INC	RIVERSIDE	6.5	ND	0.00	0.10	2002
168088	A	POLYNT COMPOSITES USA INC	LYNWOOD	6.5	ND	0.10	1.60	1995
1073	A	BORAL ROOFING LLC	CORONA	6.4	0.00	0.51	2.72	2018
2852	A	THE WALT DISNEY COMPANY	BURBANK	6.4	0.03	0.00	0.00	1997
16660	A	THE BOEING COMPANY	HUNTINGTON BEACH	6.4	0.02	0.01	0.08	2015
800066	A	HITCO CARBON COMPOSITES INC	GARDENA	6.4	ND	0.30	0.00	1995
183567	A	GS II, INC.	WILMINGTON	6.3	0.04	1.82	0.19	2018
1226	A	HYATT DIE CAST & ENGINEERING CORP	CYPRESS	6.2	ND	0.00	0.10	1996
45262	A	LA COUNTY SANITATION DIST SCHOLL CANYON	GLENDALE	6.2	ND	0.00	0.10	1998
800067	A	THE BOEING COMPANY	EL SEGUNDO	6.2	ND	0.00	0.10	2000
800180	A	UNOCAL CORP, UNOCAL CHEM DIV (EIS USE)	LA MIRADA	6.2	ND	0.50	0.80	1999
140961	A	GKN AEROSPACE TRANSPARENCY SYS INC	GARDEN GROVE	6.0	ND	0.00	0.50	1996
800022	A	CALNEV PIPE LINE, LLC	BLOOMINGTON	5.9	ND	0.00	0.10	1999
800047	O	FLETCHER OIL & REF CO	CARSON	5.9	ND	0.00	0.00	1998
800198	A	ULTRAMAR INC	WILMINGTON	5.9	ND	0.00	0.10	1999
800279	A	SFPP, L.P. (NSR USE ONLY)	ORANGE	5.9	ND	0.00	0.20	1999
8578	A	ASSOCIATED CONCRETE PROD. INC	SANTA ANA	5.8	ND	0.10	0.60	1999
136148	A	E/M COATING SERVICES	NORTH HOLLYWOOD	5.8	ND	0.30	0.60	1998
800129	A	SFPP, L.P.	BLOOMINGTON	5.8	ND	0.00	0.00	1996
164864	A	ARROWHEAD BRASS & PLUMBING	LOS ANGELES	5.7	ND	0.30	0.00	1995
22410	O	PALACE PLATING	LOS ANGELES	5.6	ND	0.73	0.38	2004
38971	A	RICOH ELECTRONICS INC	IRVINE	5.6	ND	0.00	0.40	1995
800288	A	UNIV CAL IRVINE (NSR USE ONLY)	IRVINE	5.6	ND	0.00	0.10	1996
14146	A	MAC GREGOR YACHT CORP	COSTA MESA	5.5	ND	0.00	0.10	1998
54424	A	L&L CUSTOM SHUTTERS INC,ALLWOOD SHUTTERS	PLACENTIA	5.5	ND	0.20	0.20	2001
185352	A	SNOW SUMMIT, LLC.	BIG BEAR LAKE	5.5	ND	0.20	0.00	2007
800409	A	NORTHROP GRUMMAN SYSTEMS CORPORATION	REDONDO BEACH	5.5	ND	0.50	0.20	1998

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800196	A	AMERICAN AIRLINES, INC,	LOS ANGELES	5.4	0.19	0.86	0.08	2002
182752	A	TORRANCE LOGISTICS COMPANY LLC	VERNON	5.3	ND	0.10	0.00	1997
134018	A	INDUSTRIAL CONTAINER SERVICES-CA LLC	MONTEBELLO	5.2	ND	0.60	0.20	2000
109198	A	TORCH OPERATING COMPANY	BREA	5.0	ND	0.00	0.00	2001
103888	O	SARGENT FLETCHER INC	EL MONTE	4.9	ND	0.20	0.00	1999
800037	A	DEMENNO-KERDOON DBA WORLD OIL RECYCLING	COMPTON	4.9	0.01	0.01	0.02	2009
11192	A	HI-SHEAR CORPORATION	TORRANCE	4.8	ND	0.00	0.00	2008
190051	A	BRIDGE POINT LONG BEACH LLC	LONG BEACH	4.8	0.00	0.00	0.00	2002
190377	A	GCC LONG BEACH C/O GOODMAN	LONG BEACH	4.8	ND	0.20	0.10	1999
101977	A	SIGNAL HILL PETROLEUM INC	SIGNAL HILL	4.7	ND	0.60	1.00	1998
3950	A	CROWN CORK & SEAL CO INC	LA MIRADA	4.6	ND	0.00	0.10	1997
83102	A	LIGHT METALS INC	CITY OF INDUSTRY	4.5	0.01	0.00	2.70	2002
157451	A	BENDER CCP INC	VERNON	4.4	0.00	1.00	0.00	2002
800041	A	DOW CHEM U.S.A.	TORRANCE	4.4	ND	0.10	0.00	2000
93346	A	WAYMIRE DRUM CO,INC.,S EL MONTE FACILITY	SOUTH EL MONTE	4.3	ND	0.10	0.20	1997
174591	A	TESORO REF & MKTG CO LLC,CALCINER	LONG BEACH	4.3	ND	0.10	0.20	1995
177042	A	SOLVAY USA, INC	LONG BEACH	4.3	ND	0.30	0.00	2001
124506	A	THE BOEING COMPANY	TORRANCE	4.2	ND	0.50	0.10	1995
6459	O	HONEYWELL INTERNATIONAL INC	VERNON	4.1	ND	0.00	0.00	1999
18439	O	ACE PLATING CO INC	LOS ANGELES	4.1	ND	0.60	0.20	1998
151183	A	SA RECYCLING	TERMINAL ISLAND	4.1	ND	1.30	0.10	2003
45489	A	ABBOTT CARDIOVASCULAR SYSTEMS, INC.	TEMECULA	3.8	0.01	1.30	0.00	2002
126060	A	STERIGENICS US, LLC	ONTARIO	3.8	0.00	0.00	0.00	2007
8820	A	REULAND ELECTRIC CO, H.BRITTON LEES	CITY OF INDUSTRY	3.7	ND	0.00	0.00	1996
9114	O	SOMITEX PRINTS OF CAL INC	CITY OF INDUSTRY	3.7	ND	0.10	0.00	1996
17325	A	ACE CLEARWATER ENTERPRISES	PARAMOUNT	3.7	ND	0.00	0.00	2002
106838	A	VALLEY-TODECO, INC	SYLMAR	3.7	ND	0.20	0.20	2000

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7427	A	OWENS-BROCKWAY GLASS CONTAINER INC	VERNON	3.6	ND	0.01	0.06	1999
105598	A	SENIOR AEROSPACE SSP	BURBANK	3.6	ND	1.00	0.50	2001
126197	A	STERIGENICS US, INC.	LOS ANGELES	3.6	ND	0.00	0.00	1996
800007	A	ALLIED SIGNAL INC (NSR USE ONLY)	EL SEGUNDO	3.6	ND	0.00	0.50	2000
8015	A	ANADITE INC	SOUTH GATE	3.5	ND	0.63	0.78	1998
127568	A	ENGINEERED POLYMER SOLUTION, VALSPAR	MONTEBELLO	3.5	ND	0.10	0.50	2000
140811	A	DUCOMMUN AEROSTRUCTURES INC	MONROVIA	3.5	0.01	0.00	0.00	2002
151899	A	CALIFORNIA RESOURCES PRODUCTION CORP	NEWHALL	3.5	ND	0.00	0.20	2000
9163	A	INLAND EMPIRE UTL AGEN, A MUN WATER DIS	ONTARIO	3.4	ND	0.30	0.00	2007
57329	O	KWIKSET CORP	ANAHEIM	3.4	ND	0.00	0.10	2000
185575	A	BRIDGE ENERGY, LLC	BREA	3.4	ND	0.00	0.00	1999
800204	O	SIMPSON PAPER CO	POMONA	3.4	ND	0.00	0.00	1996
126191	A	STERIGENICS US, INC.	LOS ANGELES	3.3	ND	0.00	0.00	1996
153546	A	HUCK INTERNATIONAL INC	CARSON	3.3	ND	0.00	0.00	1999
800063	A	GROVER PROD. CO (EIS USE)	LOS ANGELES	3.3	0.04	0.88	0.07	2001
800189	A	DISNEYLAND RESORT	ANAHEIM	3.3	0.03	0.10	0.10	2009
18396	A	SPRAYLAT CORP	LOS ANGELES	3.2	0.00	0.70	0.00	2012
6384	A	LA CO., RANCHO LOS AMIGOS NAT. REHAB CTR	DOWNEY	3.1	ND	0.00	0.10	1999
10005	A	ELECTRONIC CHROME GRINDING CO, INC	SANTA FE SPRINGS	3.0	0.01	0.20	0.10	2001
11435	A	PQ CORPORATION	SOUTH GATE	3.0	ND	0.00	0.00	1998
113676	A	VICKERS	LOS ANGELES	3.0	ND	0.00	0.00	1995
174703	A	TESORO LOGISTICS,CARSON PROD TERMINAL	CARSON	3.0	ND	0.00	0.00	1994
2613	A	U.S.GVT.NAVY,NAVAL WEAPONS STN SEAL BCH	SEAL BEACH	2.9	ND	0.10	0.00	2002
18452	A	UNIVERSITY OF CALIFORNIA, LOS ANGELES	LOS ANGELES	2.9	ND	0.00	0.10	1999
52517	A	REXAM BEVERAGE CAN COMPANY	CHATSWORTH	2.9	0.01	0.70	0.10	2009
116868	A	EQUILON ENTER. LLC, SHELL OIL PROD. U S	BLOOMINGTON	2.9	ND	0.00	0.00	1999
48274	A	FENDER MUSICAL INST	CORONA	2.8	ND	0.00	0.40	1997

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151798	A	TESORO REFINING AND MARKETING CO, LLC	CARSON	2.8	ND	0.10	0.00	1999
167981	A	TESORO LOGISTICS, WILMINGTON TERMINAL	WILMINGTON	2.8	ND	0.00	0.00	2000
800035	A	CONTINENTAL AIRLINES INC (NSR USE ONLY)	LOS ANGELES	2.8	ND	0.00	0.10	1995
5887	A	NEXGEN PHARMA INC	IRVINE	2.7	ND	0.00	0.00	1997
16642	A	ANHEUSER-BUSCH LLC., (LA BREWERY)	VAN NUYS	2.7	ND	0.00	0.10	1999
25440	A	INVENSYS CLIMATE CONTROLS	LONG BEACH	2.7	ND	0.00	1.00	1998
27701	O	CADDOCK ELECTRONIC	RIVERSIDE	2.7	ND	0.00	0.10	2002
46268	A	CALIFORNIA STEEL INDUSTRIES INC	FONTANA	2.7	0.02	0.20	0.00	1995
184301	A	SENTINEL PEAK RESOURCES CALIFORNIA, LLC	LOS ANGELES	2.7	ND	0.00	0.10	1997
800030	A	CHEVRON PRODUCTS CO.	EL SEGUNDO	2.7	0.28	0.30	0.10	2001
800224	A	SO CAL EDISON CO	ETIWANDA	2.7	ND	0.00	0.20	2000
35483	A	WARNER BROTHERS STUDIO FACILITIES	BURBANK	2.6	ND	0.10	0.30	1997
37507	A	TROJAN BATTERY COMPANY, LLC	SANTA FE SPRINGS	2.6	0.00	1.10	1.30	2012
134943	A	ARCONIC GLOBAL FASTENERS & RINGS INC	TORRANCE	2.6	ND	0.60	0.00	2008
185059	A	CUSTOM FIBREGLASS MFG. CO DBA SNUGTOP	LONG BEACH	2.5	ND	0.00	0.00	1995
79682	A	RAMCAR BATTERIES INC	COMMERCE	2.4	1.00	0.00	0.20	1998
133405	A	BODYCOTE THERMAL PROCESSING	LOS ANGELES	2.4	ND	0.00	0.20	1999
172878	A	TESORO LOGISTICS LONG BEACH TERMINAL	LONG BEACH	2.4	ND	0.00	0.00	1999
183926	A	EVONIK CORPORATION	LOS ANGELES	2.4	ND	0.10	0.80	1999
800039	O	DOUGLAS PRODUCTS DIVISION	TORRANCE	2.4	ND	0.00	0.00	1996
800202	A	UNIVERSAL CITY STUDIOS, LLC.	UNIVERSAL CITY	2.4	ND	0.00	0.00	1996
800278	A	SFPP, L.P. (NSR USE)	CARSON	2.4	ND	0.00	0.10	1999
800387	A	CAL INST OF TECH	PASADENA	2.4	ND	0.10	0.00	2007
1208	A	MICROSEMI CORP	SANTA ANA	2.3	ND	0.00	0.00	2001
90546	O	SORIN BIOMEDICAL INC	IRVINE	2.3	ND	0.00	0.00	1996
160437	A	SOUTHERN CALIFORNIA EDISON	REDLANDS	2.3	0.00	0.00	0.00	2013
800056	A	KINDER MORGAN LIQUIDS TERMINALS, LLC	WILMINGTON	2.3	0.01	0.00	0.00	1997

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800111	O	THE BOEING COMPANY	DOWNEY	2.3	ND	0.00	0.10	1996
99773	A	CYTEC ENGINEERED MATERIALS INC	ANAHEIM	2.2	0.00	0.00	0.20	2000
103659	A	ASCENT MEDIA MANAGEMENT SERVICES INC	BURBANK	2.2	ND	0.60	0.00	2004
9668	A	DELUXE LABORATORIES	HOLLYWOOD	2.1	ND	0.00	0.00	2000
800413	A	HAWKER PACIFIC AEROSPACE	SUN VALLEY	2.1	0.00	0.00	0.10	2009
2605	A	3M DRUG DELIVERY SYSTEMS	NORTHRIDGE	2.0	ND	0.40	0.40	1996
142267	A	FS PRECISION TECH LLC	COMPTON	2.0	ND	0.10	0.20	2001
155474	A	BICENT (CALIFORNIA) MALBURG LLC	VERNON	2.0	0.00	0.00	0.00	2007
182610	A	ELITE COMFORT SOLUTIONS	COMMERCE	2.0	ND	0.00	0.50	1998
800181	A	CALIFORNIA PORTLAND CEMENT CO	COLTON	2.0	ND	0.00	0.40	1996
800325	A	TIDELANDS OIL PRODUCTION CO	LONG BEACH	1.9	ND	0.10	0.60	1999
10245	A	LA CITY, TERMINAL ISLAND TREATMENT PLANT	SAN PEDRO	1.8	ND	0.00	0.00	2000
23559	A	JOHNSON CONTROLS BATTERY GROUP INC	FULLERTON	1.8	ND	0.00	0.10	2001
800003	A	HONEYWELL INTERNATIONAL INC	TORRANCE	1.8	ND	0.00	0.00	1999
8309	A	CAMBRO MANUFACTURING CO	HUNTINGTON BEACH	1.7	ND	0.00	0.10	2000
22467	A	LEFIELL MFG CO	SANTA FE SPRINGS	1.7	ND	0.70	0.20	2000
82512	A	BREA CANON OIL CO	WILMINGTON	1.7	ND	0.00	0.00	1996
119920	A	PECHINEY CAST PLATE INC	VERNON	1.6	ND	0.30	0.30	1996
132954	A	ALL AMERICAN ASPHALT	SAN FERNANDO	1.6	0.00	0.40	0.30	2017
133660	A	HAYDEN INDUSTRIAL PRODUCTS	CORONA	1.6	ND	0.80	0.40	1998
185801	A	BERRY PETROLEUM COMPANY, LLC	SANTA CLARITA	1.6	ND	0.20	0.70	1999
2638	A	OCCIDENTAL COLLEGE	LOS ANGELES	1.5	ND	0.10	0.00	2007
25070	A	LA CNTY SANITATION DISTRICT-PUENTE HILLS	CITY OF INDUSTRY	1.5	0.00	0.30	0.10	2009
107350	A	NATIONAL O-RINGS	DOWNEY	1.5	ND	0.00	0.00	2001
126536	A	CPP - POMONA	POMONA	1.5	ND	0.00	0.00	1999
3968	A	TABC, INC	LONG BEACH	1.4	ND	0.10	0.20	1999
82513	A	BREA CANON OIL COMPANY INC	HARBOR CITY	1.4	ND	0.00	0.00	1996

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800408	A	NORTHROP GRUMMAN SYSTEMS	MANHATTAN BEACH	1.4	ND	0.90	0.10	1998
2526	A	CHEVRON USA INC	VAN NUYS	1.3	ND	0.00	0.00	1996
62679	O	KOP-COAT INC	LOS ANGELES	1.3	ND	0.00	0.50	1997
126544	A	PAC FOUNDRIES-INDUSTRY	CITY OF INDUSTRY	1.3	ND	0.60	0.10	1996
187348	A	HYDRO EXTRUDER, LLC	CITY OF INDUSTRY	1.3	ND	0.00	0.00	1999
42633	A	LA COUNTY SANITATION DISTRICTS (SPADRA)	POMONA	1.2	ND	0.00	0.00	1996
185093	A	BEVERLY HILLS UNIFIED SCHOOL DISTRICT	BEVERLY HILLS	1.2	ND	0.00	0.00	2005
800330	A	THUMS LONG BEACH	LONG BEACH	1.2	ND	0.00	0.00	2000
42514	A	LA COUNTY SANITATION DIST (CALABASAS)	AGOURA	1.1	0.00	0.10	0.00	2010
152054	A	LINN WESTERN OPERATING INC	BREA	1.1	ND	0.00	0.10	1996
20375	A	PRUDENTIAL OVERALL SUPPLY	RIVERSIDE	1.0	ND	0.00	0.10	1997
124806	O	EXIDE TECHNOLOGIES	CITY OF INDUSTRY	1.0	ND	0.00	0.00	1999
800127	A	SO CAL GAS CO	MONTEBELLO	1.0	0.00	0.00	0.00	2009
22808	O	PRICE PFISTER INC	PACOIMA	0.9	ND	0.20	0.10	1996
47056	A	MYERS CONTAINER CORP, IMACC CORP DIV	HUNTINGTON PARK	0.9	ND	0.20	2.00	2002
800301	A	ITT GILFILLAN	VAN NUYS	0.9	ND	0.10	0.20	1998
14544	O	SANTA FE ENAMELING & METAL FINISHING CO	SANTA FE SPRINGS	0.8	ND	0.00	0.40	1999
18378	A	GRUBER SYS INC	VALENCIA	0.8	ND	0.10	0.10	2004
111415	O	VAN CAN COMPANY	FONTANA	0.8	ND	0.00	0.10	1996
126964	A	EDWARDS LIFESCIENCES LLC	IRVINE	0.8	ND	0.00	0.00	1995
150201	A	BREITBURN OPERATING LP	SANTA FE SPRINGS	0.8	ND	0.00	0.00	1998
186899	A	ENERY HOLDINGS LLC	CARSON	0.8	ND	0.20	0.00	2007
22373	A	SMURFIT-STONE CONTAINER ENTERPRISES, INC	LOS ANGELES	0.7	ND	0.00	0.00	1996
24060	A	AQUATIC COMPANY	ANAHEIM	0.7	ND	0.00	0.00	1996
174340	A	PRC DE SOTO INTERNATIONAL, INC.	IRVINE	0.7	ND	0.00	0.00	1995
182822	A	TORRANCE LOGISTICS COMPANY LLC	ANAHEIM	0.7	ND	0.00	0.00	1999
15647	A	CUSTOM ENAMELERS INC	FOUNTAIN VALLEY	0.6	ND	0.10	0.00	2000

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24756	A	CRANE CO, HYDRO-AIRE DIV	BURBANK	0.6	ND	0.00	0.10	1997
115394	A	AES ALAMITOS, LLC	LONG BEACH	0.6	ND	0.00	0.00	1999
134931	A	ARCONIC GLOBAL FASTENERS & RINGS, INC.	FULLERTON	0.6	ND	1.90	0.02	1997
1634	A	STEELCASE INC, WESTERN DIV	TUSTIN	0.5	ND	0.00	0.00	1995
3093	A	LA CO., OLIVE VIEW/UCLA MEDICAL CENTER	SYLMAR	0.5	ND	0.00	0.00	1999
6281	A	US GOVT,MARINE CORPS AIR STATION,EL TORO	SANTA ANA	0.5	ND	0.00	0.00	1996
21895	A	AC PRODUCTS INC	PLACENTIA	0.5	ND	0.00	0.00	2003
61160	A	GE ENGINE SERVICES, LLC	ONTARIO	0.5	ND	0.70	0.01	2003
152501	A	PRECISION SPECIALTY METALS, INC.	LOS ANGELES	0.5	ND	0.40	0.20	2001
188380	A	VALENCE SURFACE TECHNOLOGIES - LYNWOOD	LYNWOOD	0.5	0.00	0.10	0.40	2012
12660	O	GOLDSHIELD FIBERGLASS, INC, PLANT #58	FONTANA	0.4	ND	0.00	0.00	1994
18990	A	LIFE PAINT CO	SANTA FE SPRINGS	0.4	ND	0.00	0.00	2001
43436	A	TST, INC.	FONTANA	0.4	0.11	0.00	0.40	1997
44577	A	LONG BEACH CITY, SERRF PROJECT	LONG BEACH	0.4	0.00	0.00	0.10	2011
115536	A	AES REDONDO BEACH, LLC	REDONDO BEACH	0.4	ND	0.00	0.00	1998
122295	A	FALCON FOAM, A DIV OF ATLAS ROOFING CORP	LOS ANGELES	0.4	ND	0.00	0.00	1999
550	A	LA CO., INTERNAL SERVICE DEPT	LOS ANGELES	0.3	ND	0.00	0.00	2008
19989	O	PARKER HANNIFIN AEROSPACE CORP	IRVINE	0.3	ND	0.00	0.00	1999
24520	A	LA CNTY SANITATION DISTRICT-PALOS VERDES	ROLLING HILLS ESTATES	0.3	ND	0.00	0.00	1998
25638	A	BURBANK CITY, BURBANK WATER & POWER	BURBANK	0.3	ND	0.30	0.00	1996
99119	A	INTERPLASTIC CORP	HAWTHORNE	0.3	ND	0.10	0.30	1999
107149	A	MARKLAND MANUFACTURING INC	SANTA ANA	0.3	ND	0.10	0.10	2007
112192	O	CONSOLIDATED DRUM RECONDITIONING CO INC	SOUTH GATE	0.3	ND	0.00	0.00	1997
115663	A	EL SEGUNDO ENERGY CENTER LLC	EL SEGUNDO	0.3	ND	0.00	0.00	2000
122300	A	BASF CORPORATION	COLTON	0.3	ND	0.60	0.00	2002
124805	A	EXIDE TECHNOLOGIES	COMMERCE	0.3	ND	0.00	0.00	2000
161142	A	FOAMEX INNOVATIONS, INC.	COMPTON	0.3	0.00	0.00	0.00	2010

Table C-1 (cont'd)
Health Risks from Facilities with an Approved HRA
 (Listed in descending order by cancer risk)

Facility ID	Facility Status (a)	Facility Name	City	Cancer Risk (chances in-one-million)	Cancer Burden (c)	Non-Cancer Acute Hazard Index	Non-Cancer Chronic Hazard Index	HRA Approval Year (b)
800343	O	BOEING SATELLITE SYSTEMS, INC	EL SEGUNDO	0.3	ND	0.00	0.20	1996
16264	A	INTERNATIONAL COATINGS CO INC	CERRITOS	0.2	ND	0.00	0.00	1999
48300	A	PRECISION TUBE BENDING	SANTA FE SPRINGS	0.2	ND	0.00	0.00	2002
800074	A	LA CITY, DWP HAYNES GENERATING STATION	LONG BEACH	0.2	ND	0.00	0.00	2000
800168	A	PASADENA CITY, DWP	PASADENA	0.2	ND	0.70	0.00	1996
800193	A	LA CITY, DWP VALLEY GENERATING STATION	SUN VALLEY	0.2	ND	0.30	0.00	1999
1992	O	PRUDENTIAL OVERALL SUPPLY	VAN NUYS	0.1	ND	0.00	0.00	1997
7416	A	PRAXAIR INC	WILMINGTON	0.1	ND	0.00	0.00	2001
16044	A	SPECIALTY ORGANICS, INC.	IRWINDALE	0.1	ND	0.00	0.20	1997
20528	A	BRISTOL FIBERLITE IND	SANTA ANA	0.1	ND	0.00	0.00	1995
24118	A	DEVOE COATINGS CO	RIVERSIDE	0.1	ND	0.30	0.10	1999
24812	A	FARMER BROS CO	TORRANCE	0.1	ND	0.00	0.00	1999
25012	A	AMADA AMERICA, INC.	LA MIRADA	0.1	ND	0.00	0.00	2002
37336	A	COMMERCE REFUSE TO ENERGY FACILITY	COMMERCE	0.1	0.00	0.00	0.00	2010
42676	A	CES PLACERITA INC	NEWHALL	0.1	ND	0.10	0.00	2003
94872	A	METAL CONTAINER CORP	MIRA LOMA	0.1	ND	0.40	0.40	2002
115389	A	AES HUNTINGTON BEACH, LLC	HUNTINGTON BEACH	0.1	ND	0.00	0.00	1999
156741	A	HARBOR COGENERATION CO, LLC	WILMINGTON	0.1	ND	0.00	0.00	2002
180908	A	ECO SERVICES OPERATIONS CORP.	CARSON	0.1	ND	0.00	0.10	2006
809	O	GARNER GLASS CO	CLAREMONT	0.0	ND	0.00	0.00	1996
1732	O	INTL ELECTRONIC RESEARCH CORP	BURBANK	0.0	ND	0.00	0.00	1996
1746	A	UNITED ALLOYS INC	LOS ANGELES	0.0	ND	0.00	0.00	1998
3084	A	CARDINAL INDUSTRIAL FINISHES INC	SOUTH EL MONTE	0.0	ND	0.00	0.00	1996
3578	A	PRUDENTIAL OVERALL SUPPLY	CARSON	0.0	ND	0.00	0.00	1995
4616	O	SUPERIOR IND INTL INC	VAN NUYS	0.0	ND	0.00	0.40	1997
5125	A	UTILITY TRAILER MFG CO	CITY OF INDUSTRY	0.0	ND	0.00	0.30	1996
5645	O	STANDARD NICKEL CHROMIUM PLATING CO INC	LOS ANGELES	0.0	ND	0.00	0.00	1999

Table C-1 (cont'd)
Health Risks from Facilities with an Approved HRA
 (Listed in descending order by cancer risk)

Facility ID	Facility Status (a)	Facility Name	City	Cancer Risk (chances in-one-million)	Cancer Burden (c)	Non-Cancer Acute Hazard Index	Non-Cancer Chronic Hazard Index	HRA Approval Year (b)
6163	A	OHLINE	GARDENA	0.0	ND	0.30	0.70	1996
6315	A	LMC ENTERPRISES, DBA FLO-KEM	RANCHO DOMINGUEZ	0.0	ND	0.00	0.60	1999
6362	O	JACUZZI WHIRLPOOL BATH INC	SANTA ANA	0.0	ND	0.00	0.00	1995
6670	O	TRU CUT INC	LOS ANGELES	0.0	ND	0.00	0.00	2002
7010	A	PRUDENTIAL OVERALL SUPPLY	IRVINE	0.0	ND	0.00	0.00	1995
8560	A	PRUDENTIAL OVERALL SUPPLY CO	COMMERCE	0.0	ND	0.20	0.40	1995
8935	A	TRAIL RITE INC	SANTA ANA	0.0	ND	0.00	0.30	1996
10656	A	NEWPORT LAMINATES	SANTA ANA	0.0	ND	0.00	0.00	1996
12493	O	REMO INC	NORTH HOLLYWOOD	0.0	ND	0.00	0.00	1997
12879	O	CYTEC ENGINEERED MATERIALS, INC	SAUGUS	0.0	ND	0.00	0.00	1994
14191	O	NIKLOR CHEMICAL COMPANY INC	CARSON	0.0	ND	0.00	0.00	2002
14217	A	MODERN FAUCET MFG COMPANY	LOS ANGELES	0.0	ND	0.00	0.50	1996
19953	A	RISTON KELLER INC	IRVINE	0.0	ND	0.00	0.00	1996
20144	A	CANON BUSINESS MACHINES INC	COSTA MESA	0.0	ND	0.00	0.10	1999
22092	A	WESTERN TUBE & CONDUIT CORP	LONG BEACH	0.0	ND	0.00	0.60	1997
22229	A	PROCESSES BY MARTIN INC (MARTIN METALS F	LYNWOOD	0.0	ND	0.00	0.00	2002
24647	A	J. B. I. INC	RANCHO DOMINGUEZ	0.0	ND	0.00	0.20	1999
40806	A	NEW BASIS	RIVERSIDE	0.0	ND	0.70	0.20	1997
45938	A	E.M.E. INC/ELECTRO MACHINE & ENGINEERING	COMPTON	0.0	ND	0.00	0.00	1999
47459	O	JACUZZI WHIRLPOOL BATH	IRVINE	0.0	ND	0.00	0.00	1995
55711	A	SUNLAW COGENERATION PARTNERS I	VERNON	0.0	ND	0.00	0.00	1996
55714	A	SUNLAW COGENERATION PARTNERS I	VERNON	0.0	ND	0.00	0.00	1996
61209	O	AKZO NOBEL CHEM INC, FILTROL CORP SUB OF	LOS ANGELES	0.0	ND	0.00	0.00	1996
70021	A	XERXES CORP (A DELAWARE CORP)	ANAHEIM	0.0	ND	0.00	0.00	1996
115586	A	SUNDANCE SPAS, INC	CHINO	0.0	ND	0.00	0.40	1996
119127	O	PRC-DE SOTO INTERNATIONAL	GLENDALE	0.0	ND	0.00	0.00	2000
124016	O	CHEMETALL U,S., INC,	LA MIRADA	0.0	ND	0.10	0.10	2000

Table C-1 (cont'd)
Health Risks from Facilities with an Approved HRA
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124838	A	EXIDE TECHNOLOGIES	VERNON	0.0	ND	0.00	0.00	2013
132343	A	SPECTRUM PAINT & POWDER, INC.	ANAHEIM	0.0	ND	0.20	0.70	1997
149241	A	REGAL CULTURED MARBLE	POMONA	0.0	ND	0.00	0.20	1995
160916	A	FXI, INC.	ORANGE	0.0	ND	0.40	0.40	1994
175126	A	AEROJET ROCKETDYNE OF DE, INC.	CANOGA PARK	0.0	ND	0.00	0.00	1996
189043	A	REVLIN DBA ELIMINATOR BOATS	MIRA LOMA	0.0	ND	0.00	0.00	1995
193244	A	BKEP MATERIALS LLC - FONTANA	FONTANA	0.0	ND	0.30	0.00	1999
800009	A	AMERON PROTECTIVE COAT DIV (EIS&NSR USE)	BREA	0.0	ND	0.20	0.20	2000
800018	A	BAXTER HEALTHCARE CORPORATION	IRVINE	0.0	ND	0.00	0.40	1994
800075	A	LA CITY, DWP SCATTERGOOD GENERATING STN	PLAYA DEL REY	0.0	ND	0.00	0.00	2000
800087	A	MENASCO MFG CO (EIS USE)	BURBANK	0.0	ND	0.00	0.00	1997
800109	A	REYNOLDS METALS CO	TORRANCE	0.0	ND	0.20	0.90	2001
800154	A	US GOVT, MARINE CORPS AIR STATION	TUSTIN	0.0	ND	0.00	0.00	2000
800207	A	METRO ST HOSP (EIS USE)	NORWALK	0.0	ND	0.00	0.00	1996
800273	O	CHEMOIL REF CORP (NSR USE ONLY)	SIGNAL HILL	0.0	ND	0.00	0.00	2000
800320	A	AMVAC CHEMICAL CORP	LOS ANGELES	0.0	ND	0.10	0.30	2004
800337	A	CHEVRON U.S.A., INC (NSR USE)	LA HABRA	0.0	ND	0.00	0.00	1996
16951	A	ANAPLEX CORP	PARAMOUNT	2836.0	9.73	23.84	2.02	2018

Notes:

- (a) “A” – Active (note that facilities with this status may not be in operation currently); O = Out of Business or Inactive
- (b) All HRAs with HRA Approval Year dated 2015 and later have used the 2015 OEHHA Risk Assessment Guidelines for preparation of their HRA.
- (c) ND = Not Determined

Table C-2
Health Risks from Facilities with an Approved HRA
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511	A	WHITTIER FERTILIZER CO	PICO RIVERA	9.5	0.02	0.07	0.00	2020
550	A	LA CO., INTERNAL SERVICE DEPT	LOS ANGELES	0.3	ND	0.00	0.00	2008
809	O	GARNER GLASS CO	CLAREMONT	0.0	ND	0.00	0.00	1996
1073	A	BORAL ROOFING LLC	CORONA	6.4	0.00	0.51	2.72	2018
1208	A	MICROSEMI CORP	SANTA ANA	2.3	ND	0.00	0.00	2001
1226	A	HYATT DIE CAST & ENGINEERING CORP	CYPRESS	6.2	ND	0.00	0.10	1996
1634	A	STEELCASE INC, WESTERN DIV	TUSTIN	0.5	ND	0.00	0.00	1995
1732	O	INTL ELECTRONIC RESEARCH CORP	BURBANK	0.0	ND	0.00	0.00	1996
1746	A	UNITED ALLOYS INC	LOS ANGELES	0.0	ND	0.00	0.00	1998
1992	O	PRUDENTIAL OVERALL SUPPLY	VAN NUYS	0.1	ND	0.00	0.00	1997
2526	A	CHEVRON USA INC	VAN NUYS	1.3	ND	0.00	0.00	1996
2605	A	3M DRUG DELIVERY SYSTEMS	NORTHRIDGE	2.0	ND	0.40	0.40	1996
2613	A	U.S.GVT,NAVY,NAVAL WEAPONS STN SEAL BCH	SEAL BEACH	2.9	ND	0.10	0.00	2002
2638	A	OCCIDENTAL COLLEGE	LOS ANGELES	1.5	ND	0.10	0.00	2007
2680	A	LA CO., SANITATION DISTRICT	WHITTIER	8.6	ND	0.00	0.00	1999
2852	A	THE WALT DISNEY COMPANY	BURBANK	6.4	0.03	0.00	0.00	1997
3084	A	CARDINAL INDUSTRIAL FINISHES INC	SOUTH EL MONTE	0.0	ND	0.00	0.00	1996
3093	A	LA CO., OLIVE VIEW/UCLA MEDICAL CENTER	SYLMAR	0.5	ND	0.00	0.00	1999
3578	A	PRUDENTIAL OVERALL SUPPLY	CARSON	0.0	ND	0.00	0.00	1995
3609	A	AL'S PLATING CO INC	LOS ANGELES	7.8	ND	0.30	0.20	1999
3950	A	CROWN CORK & SEAL CO INC	LA MIRADA	4.6	ND	0.00	0.10	1997
3968	A	TABC, INC	LONG BEACH	1.4	ND	0.10	0.20	1999
4477	A	SO CAL EDISON CO	AVALON	11.8	0.05	0.44	0.02	2020
4616	O	SUPERIOR IND INTL INC	VAN NUYS	0.0	ND	0.00	0.40	1997
5125	A	UTILITY TRAILER MFG CO	CITY OF INDUSTRY	0.0	ND	0.00	0.30	1996
5645	O	STANDARD NICKEL CHROMIUM PLATING CO INC	LOS ANGELES	0.0	ND	0.00	0.00	1999
5723	A	DUCOMMUN AEROSTRUCTURES INC	ORANGE	6.7	ND	0.00	0.10	1999

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5887	A	NEXGEN PHARMA INC	IRVINE	2.7	ND	0.00	0.00	1997
6163	A	OHLINE	GARDENA	0.0	ND	0.30	0.70	1996
6281	A	US GOVT,MARINE CORPS AIR STATION,EL TORO	SANTA ANA	0.5	ND	0.00	0.00	1996
6315	A	LMC ENTERPRISES, DBA FLO-KEM	RANCHO DOMINGUEZ	0.0	ND	0.00	0.60	1999
6362	O	JACUZZI WHIRLPOOL BATH INC	SANTA ANA	0.0	ND	0.00	0.00	1995
6384	A	LA CO., RANCHO LOS AMIGOS NAT. REHAB CTR	DOWNEY	3.1	ND	0.00	0.10	1999
6459	O	HONEYWELL INTERNATIONAL INC	VERNON	4.1	ND	0.00	0.00	1999
6643	A	TECHNICOLOR INC	NORTH HOLLYWOOD	6.5	ND	0.00	0.10	2007
6670	O	TRU CUT INC	LOS ANGELES	0.0	ND	0.00	0.00	2002
7010	A	PRUDENTIAL OVERALL SUPPLY	IRVINE	0.0	ND	0.00	0.00	1995
7203	A	HESSCO IND INC	LA HABRA	8.6	ND	0.00	0.00	1995
7416	A	PRAXAIR INC	WILMINGTON	0.1	ND	0.00	0.00	2001
7427	A	OWENS-BROCKWAY GLASS CONTAINER INC	VERNON	3.6	ND	0.01	0.06	1999
7730	A	CARPENTER CO	RIVERSIDE	8.0	ND	0.03	1.34	2003
8015	A	ANADITE INC	SOUTH GATE	3.5	ND	0.63	0.78	1998
8309	A	CAMBRO MANUFACTURING CO	HUNTINGTON BEACH	1.7	ND	0.00	0.10	2000
8547	A	QUEMETCO INC	CITY OF INDUSTRY	7.1	0.45	0.09	0.69	2016
8560	A	PRUDENTIAL OVERALL SUPPLY CO	COMMERCE	0.0	ND	0.20	0.40	1995
8578	A	ASSOCIATED CONCRETE PROD. INC	SANTA ANA	5.8	ND	0.10	0.60	1999
8582	A	SO CAL GAS CO/PLAYA DEL REY STORAGE FAC	PLAYA DEL REY	9.2	0.02	7.28	0.02	2019
8820	A	REULAND ELECTRIC CO, H.BRITTON LEES	CITY OF INDUSTRY	3.7	ND	0.00	0.00	1996
8935	A	TRAIL RITE INC	SANTA ANA	0.0	ND	0.00	0.30	1996
9114	O	SOMITEX PRINTS OF CAL INC	CITY OF INDUSTRY	3.7	ND	0.10	0.00	1996
9163	A	INLAND EMPIRE UTL AGEN, A MUN WATER DIS	ONTARIO	3.4	ND	0.30	0.00	2007
9668	A	DELUXE LABORATORIES	HOLLYWOOD	2.1	ND	0.00	0.00	2000
10005	A	ELECTRONIC CHROME GRINDING CO, INC	SANTA FE SPRINGS	3.0	0.01	0.20	0.10	2001
10245	A	LA CITY, TERMINAL ISLAND TREATMENT PLANT	SAN PEDRO	1.8	ND	0.00	0.00	2000

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10510	A	GREGG INDUSTRIES INC	EL MONTE	9.4	ND	0.60	0.60	2008
10656	A	NEWPORT LAMINATES	SANTA ANA	0.0	ND	0.00	0.00	1996
11142	A	KEYSOR-CENTURY CORP	SAUGUS	17.0	ND	0.50	0.10	2000
11192	A	HI-SHEAR CORPORATION	TORRANCE	4.8	ND	0.00	0.00	2008
11435	A	PQ CORPORATION	SOUTH GATE	3.0	ND	0.00	0.00	1998
11726	A	GE ENGINE SERVICES	ONTARIO	6.5	ND	0.10	0.60	1999
11818	A	HIXSON METAL FINISHING	NEWPORT BEACH	1502.0	1.09	0.20	0.10	2015
12493	O	REMO INC	NORTH HOLLYWOOD	0.0	ND	0.00	0.00	1997
12660	O	GOLDSHIELD FIBERGLASS, INC, PLANT #58	FONTANA	0.4	ND	0.00	0.00	1994
12879	O	CYTEC ENGINEERED MATERIALS, INC	SAUGUS	0.0	ND	0.00	0.00	1994
13920	A	SAINT JOSEPH HOSPITAL	ORANGE	7.7	0.00	0.80	0.30	2008
14146	A	MAC GREGOR YACHT CORP	COSTA MESA	5.5	ND	0.00	0.10	1998
14191	O	NIKLOR CHEMICAL COMPANY INC	CARSON	0.0	ND	0.00	0.00	2002
14217	A	MODERN FAUCET MFG COMPANY	LOS ANGELES	0.0	ND	0.00	0.50	1996
14495	A	VISTA METALS CORPORATION	FONTANA	19.8	0.06	0.00	0.30	2008
14544	O	SANTA FE ENAMELING & METAL FINISHING CO	SANTA FE SPRINGS	0.8	ND	0.00	0.40	1999
15504	A	SCHLOSSER FORGE COMPANY	RANCHO CUCAMONGA	9.5	0.07	1.59	1.11	2002
15647	A	CUSTOM ENAMELERS INC	FOUNTAIN VALLEY	0.6	ND	0.10	0.00	2000
16044	A	SPECIALTY ORGANICS, INC.	IRWINDALE	0.1	ND	0.00	0.20	1997
16264	A	INTERNATIONAL COATINGS CO INC	CERRITOS	0.2	ND	0.00	0.00	1999
16642	A	ANHEUSER-BUSCH LLC., (LA BREWERY)	VAN NUYS	2.7	ND	0.00	0.10	1999
16660	A	THE BOEING COMPANY	HUNTINGTON BEACH	6.4	0.02	0.01	0.08	2015
16951	A	ANAPLEX CORP	PARAMOUNT	2836.0	9.73	23.84	2.02	2018
17325	A	ACE CLEARWATER ENTERPRISES	PARAMOUNT	3.7	ND	0.00	0.00	2002
18294	A	NORTHROP GRUMMAN SYSTEMS CORP	EL SEGUNDO	7.6	ND	0.13	0.05	1999
18378	A	GRUBER SYS INC	VALENCIA	0.8	ND	0.10	0.10	2004
18396	A	SPRAYLAT CORP	LOS ANGELES	3.2	0.00	0.70	0.00	2012

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18439	O	ACE PLATING CO INC	LOS ANGELES	4.1	ND	0.60	0.20	1998
18452	A	UNIVERSITY OF CALIFORNIA, LOS ANGELES	LOS ANGELES	2.9	ND	0.00	0.10	1999
18648	O	CROWN CITY PLATING CO.	EL MONTE	12.0	ND	0.40	0.10	2000
18931	A	TAMCO	RANCHO CUCAMONGA	52.7	3.08	3.04	3.19	2015
18989	A	BOWMAN PLATING CO INC	COMPTON	17.0	0.00	0.01	0.01	2015
18990	A	LIFE PAINT CO	SANTA FE SPRINGS	0.4	ND	0.00	0.00	2001
19953	A	RISTON KELLER INC	IRVINE	0.0	ND	0.00	0.00	1996
19989	O	PARKER HANNIFIN AEROSPACE CORP	IRVINE	0.3	ND	0.00	0.00	1999
20144	A	CANON BUSINESS MACHINES INC	COSTA MESA	0.0	ND	0.00	0.10	1999
20197	A	LAC/USC MEDICAL CENTER	LOS ANGELES	7.5	ND	0.70	0.40	2007
20280	A	METAL SURFACES INTERNATIONAL, LLC	BELL GARDENS	6.8	0.00	0.90	0.30	2011
20375	A	PRUDENTIAL OVERALL SUPPLY	RIVERSIDE	1.0	ND	0.00	0.10	1997
20528	A	BRISTOL FIBERLITE IND	SANTA ANA	0.1	ND	0.00	0.00	1995
21615	O	PERKINELMER OPTOELECTRONICS SC, INC	AZUSA	8.1	ND	0.20	0.10	1998
21895	A	AC PRODUCTS INC	PLACENTIA	0.5	ND	0.00	0.00	2003
22092	A	WESTERN TUBE & CONDUIT CORP	LONG BEACH	0.0	ND	0.00	0.60	1997
22229	A	PROCESSES BY MARTIN INC (MARTIN METALS F	LYNWOOD	0.0	ND	0.00	0.00	2002
22373	A	SMURFIT-STONE CONTAINER ENTERPRISES, INC	LOS ANGELES	0.7	ND	0.00	0.00	1996
22410	O	PALACE PLATING	LOS ANGELES	5.6	ND	0.73	0.38	2004
22467	A	LEFIELL MFG CO	SANTA FE SPRINGS	1.7	ND	0.70	0.20	2000
22808	O	PRICE PFISTER INC	PACOIMA	0.9	ND	0.20	0.10	1996
22911	A	CARLTON FORGE WORKS	PARAMOUNT	15.4	ND	1.76	1.04	2016
23559	A	JOHNSON CONTROLS BATTERY GROUP INC	FULLERTON	1.8	ND	0.00	0.10	2001
23752	A	AEROCRAFT HEAT TREATING CO INC	PARAMOUNT	1900.0	11.00	2.90	0.15	2018
23907	A	JOHNS MANVILLE CORP	CORONA	13.0	ND	0.40	2.70	1999
24060	A	AQUATIC COMPANY	ANAHEIM	0.7	ND	0.00	0.00	1996
24118	A	DEVOE COATINGS CO	RIVERSIDE	0.1	ND	0.30	0.10	1999

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24520	A	LA CNTY SANITATION DISTRICT-PALOS VERDES	ROLLING HILLS ESTATES	0.3	ND	0.00	0.00	1998
24647	A	J. B. I. INC	RANCHO DOMINGUEZ	0.0	ND	0.00	0.20	1999
24756	A	CRANE CO, HYDRO-AIRE DIV	BURBANK	0.6	ND	0.00	0.10	1997
24812	A	FARMER BROS CO	TORRANCE	0.1	ND	0.00	0.00	1999
25012	A	AMADA AMERICA, INC.	LA MIRADA	0.1	ND	0.00	0.00	2002
25070	A	LA CNTY SANITATION DISTRICT-PUENTE HILLS	CITY OF INDUSTRY	1.5	0.00	0.30	0.10	2009
25440	A	INVENSYS CLIMATE CONTROLS	LONG BEACH	2.7	ND	0.00	1.00	1998
25638	A	BURBANK CITY, BURBANK WATER & POWER	BURBANK	0.3	ND	0.30	0.00	1996
27343	O	CON AGRA INC, GILROY FOODS DBA	SANTA ANA	7.1	ND	0.20	0.10	1995
27701	O	CADDOCK ELECTRONIC	RIVERSIDE	2.7	ND	0.00	0.10	2002
34764	A	CADDOCK ELECTRONICS INC	RIVERSIDE	6.5	ND	0.00	0.10	2002
35302	A	OWENS CORNING ROOFING AND ASPHALT, LLC	COMPTON	14.0	0.02	0.10	0.10	2000
35483	A	WARNER BROTHERS STUDIO FACILITIES	BURBANK	2.6	ND	0.10	0.30	1997
37336	A	COMMERCE REFUSE TO ENERGY FACILITY	COMMERCE	0.1	0.00	0.00	0.00	2010
37507	A	TROJAN BATTERY COMPANY, LLC	SANTA FE SPRINGS	2.6	0.00	1.10	1.30	2012
37603	A	SGL TECHNIC LLC	VALENCIA	7.8	ND	0.00	0.40	1998
38971	A	RICOH ELECTRONICS INC	IRVINE	5.6	ND	0.00	0.40	1995
40806	A	NEW BASIS	RIVERSIDE	0.0	ND	0.70	0.20	1997
41229	A	LUBECO INC	LONG BEACH	128.6	0.08	0.18	0.45	2019
42514	A	LA COUNTY SANITATION DIST (CALABASAS)	AGOURA	1.1	0.00	0.10	0.00	2010
42633	A	LA COUNTY SANITATION DISTRICTS (SPADRA)	POMONA	1.2	ND	0.00	0.00	1996
42676	A	CES PLACERITA INC	NEWHALL	0.1	ND	0.10	0.00	2003
42922	A	CMC PRINTED BAG INC	WHITTIER	9.0	ND	0.00	0.00	1995
43436	A	TST, INC.	FONTANA	0.4	0.11	0.00	0.40	1997
44577	A	LONG BEACH CITY, SERRF PROJECT	LONG BEACH	0.4	0.00	0.00	0.10	2011
45262	A	LA COUNTY SANITATION DIST SCHOLL CANYON	GLENDALE	6.2	ND	0.00	0.10	1998
45489	A	ABBOTT CARDIOVASCULAR SYSTEMS, INC.	TEMECULA	3.8	0.01	1.30	0.00	2002

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45938	A	E.M.E. INC/ELECTRO MACHINE & ENGINEERING	COMPTON	0.0	ND	0.00	0.00	1999
46268	A	CALIFORNIA STEEL INDUSTRIES INC	FONTANA	2.7	0.02	0.20	0.00	1995
47056	A	MYERS CONTAINER CORP, IMACC CORP DIV	HUNTINGTON PARK	0.9	ND	0.20	2.00	2002
47459	O	JACUZZI WHIRLPOOL BATH	IRVINE	0.0	ND	0.00	0.00	1995
48274	A	FENDER MUSICAL INST	CORONA	2.8	ND	0.00	0.40	1997
48300	A	PRECISION TUBE BENDING	SANTA FE SPRINGS	0.2	ND	0.00	0.00	2002
49387	A	UNIV CAL, RIVERSIDE	RIVERSIDE	7.1	ND	0.00	0.00	2018
52517	A	REXAM BEVERAGE CAN COMPANY	CHATSWORTH	2.9	0.01	0.70	0.10	2009
54424	A	L&L CUSTOM SHUTTERS INC,ALLWOOD SHUTTERS	PLACENTIA	5.5	ND	0.20	0.20	2001
55711	A	SUNLAW COGENERATION PARTNERS I	VERNON	0.0	ND	0.00	0.00	1996
55714	A	SUNLAW COGENERATION PARTNERS I	VERNON	0.0	ND	0.00	0.00	1996
57329	O	KWIKSET CORP	ANAHEIM	3.4	ND	0.00	0.10	2000
61160	A	GE ENGINE SERVICES, LLC	ONTARIO	0.5	ND	0.70	0.01	2003
61209	O	AKZO NOBEL CHEM INC, FILTROL CORP SUB OF	LOS ANGELES	0.0	ND	0.00	0.00	1996
62679	O	KOP-COAT INC	LOS ANGELES	1.3	ND	0.00	0.50	1997
62897	A	NORTHROP GRUMMAN CORP, MASD	PICO RIVERA	9.4	ND	1.00	0.50	2000
70021	A	XERXES CORP (A DELAWARE CORP)	ANAHEIM	0.0	ND	0.00	0.00	1996
79682	A	RAMCAR BATTERIES INC	COMMERCE	2.4	1.00	0.00	0.20	1998
82512	A	BREA CANON OIL CO	WILMINGTON	1.7	ND	0.00	0.00	1996
82513	A	BREA CANON OIL COMPANY INC	HARBOR CITY	1.4	ND	0.00	0.00	1996
83102	A	LIGHT METALS INC	CITY OF INDUSTRY	4.5	0.01	0.00	2.70	2002
90546	O	SORIN BIOMEDICAL INC	IRVINE	2.3	ND	0.00	0.00	1996
93346	A	WAYMIRE DRUM CO,INC.,S EL MONTE FACILITY	SOUTH EL MONTE	4.3	ND	0.10	0.20	1997
94872	A	METAL CONTAINER CORP	MIRA LOMA	0.1	ND	0.40	0.40	2002
99119	A	INTERPLASTIC CORP	HAWTHORNE	0.3	ND	0.10	0.30	1999
99773	A	CYTEC ENGINEERED MATERIALS INC	ANAHEIM	2.2	0.00	0.00	0.20	2000
101380	O	GENERAL DYNAMICS OTS (DOWNEY) INC	DOWNEY	9.8	ND	0.00	0.10	2000

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101977	A	SIGNAL HILL PETROLEUM INC	SIGNAL HILL	4.7	ND	0.60	1.00	1998
103659	A	ASCENT MEDIA MANAGEMENT SERVICES INC	BURBANK	2.2	ND	0.60	0.00	2004
103888	O	SARGENT FLETCHER INC	EL MONTE	4.9	ND	0.20	0.00	1999
105598	A	SENIOR AEROSPACE SSP	BURBANK	3.6	ND	1.00	0.50	2001
106797	A	SAINT-GOBAIN CONTAINERS, INC.	LOS ANGELES	9.9	ND	0.00	0.10	2000
106838	A	VALLEY-TODECO, INC	SYLMAR	3.7	ND	0.20	0.20	2000
107149	A	MARKLAND MANUFACTURING INC	SANTA ANA	0.3	ND	0.10	0.10	2007
107350	A	NATIONAL O-RINGS	DOWNEY	1.5	ND	0.00	0.00	2001
108701	A	SAINT-GOBAIN CONTAINERS, INC.	EL MONTE	7.3	ND	0.10	0.10	2000
109198	A	TORCH OPERATING COMPANY	BREA	5.0	ND	0.00	0.00	2001
111415	O	VAN CAN COMPANY	FONTANA	0.8	ND	0.00	0.10	1996
112192	O	CONSOLIDATED DRUM RECONDITIONING CO INC	SOUTH GATE	0.3	ND	0.00	0.00	1997
113170	A	SANTA MONICA - UCLA MEDICAL CENTER	SANTA MONICA	7.6	0.14	0.20	0.00	1997
113676	A	VICKERS	LOS ANGELES	3.0	ND	0.00	0.00	1995
113873	A	MM WEST COVINA	WEST COVINA	67.2	6.11	1.70	0.99	2020
115389	A	AES HUNTINGTON BEACH, LLC	HUNTINGTON BEACH	0.1	ND	0.00	0.00	1999
115394	A	AES ALAMITOS, LLC	LONG BEACH	0.6	ND	0.00	0.00	1999
115536	A	AES REDONDO BEACH, LLC	REDONDO BEACH	0.4	ND	0.00	0.00	1998
115586	A	SUNDANCE SPAS, INC	CHINO	0.0	ND	0.00	0.40	1996
115663	A	EL SEGUNDO ENERGY CENTER LLC	EL SEGUNDO	0.3	ND	0.00	0.00	2000
116868	A	EQUILON ENTER. LLC, SHELL OIL PROD. U S	BLOOMINGTON	2.9	ND	0.00	0.00	1999
118998	O	CYTEC FIBERITE INC	CULVER CITY	6.6	ND	0.00	0.20	1997
119127	O	PRC-DE SOTO INTERNATIONAL	GLENDALE	0.0	ND	0.00	0.00	2000
119920	A	PECHINEY CAST PLATE INC	VERNON	1.6	ND	0.30	0.30	1996
122295	A	FALCON FOAM, A DIV OF ATLAS ROOFING CORP	LOS ANGELES	0.4	ND	0.00	0.00	1999
122300	A	BASF CORPORATION	COLTON	0.3	ND	0.60	0.00	2002
122822	O	CONSOLIDATED FILM INDUSTRIES, LLC	HOLLYWOOD	21.0	ND	0.10	0.40	2000

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124016	O	CHEMETALL U.S., INC,	LA MIRADA	0.0	ND	0.10	0.10	2000
124506	A	THE BOEING COMPANY	TORRANCE	4.2	ND	0.50	0.10	1995
124805	A	EXIDE TECHNOLOGIES	COMMERCE	0.3	ND	0.00	0.00	2000
124806	O	EXIDE TECHNOLOGIES	CITY OF INDUSTRY	1.0	ND	0.00	0.00	1999
124838	A	EXIDE TECHNOLOGIES	VERNON	0.0	ND	0.00	0.00	2013
125281	O	ALCO CAD-NICKEL PLATING, MODERN PLATING	LOS ANGELES	8.2	ND	0.10	0.00	1995
126060	A	STERIGENICS US, LLC	ONTARIO	3.8	0.00	0.00	0.00	2007
126191	A	STERIGENICS US, INC.	LOS ANGELES	3.3	ND	0.00	0.00	1996
126197	A	STERIGENICS US, INC.	LOS ANGELES	3.6	ND	0.00	0.00	1996
126536	A	CPP - POMONA	POMONA	1.5	ND	0.00	0.00	1999
126544	A	PAC FOUNDRIES-INDUSTRY	CITY OF INDUSTRY	1.3	ND	0.60	0.10	1996
126964	A	EDWARDS LIFESCIENCES LLC	IRVINE	0.8	ND	0.00	0.00	1995
127568	A	ENGINEERED POLYMER SOLUTION, VALSPAR	MONTEBELLO	3.5	ND	0.10	0.50	2000
132343	A	SPECTRUM PAINT & POWDER, INC.	ANAHEIM	0.0	ND	0.20	0.70	1997
132954	A	ALL AMERICAN ASPHALT	SAN FERNANDO	1.6	0.00	0.40	0.30	2017
133405	A	BODYCOTE THERMAL PROCESSING	LOS ANGELES	2.4	ND	0.00	0.20	1999
133660	A	HAYDEN INDUSTRIAL PRODUCTS	CORONA	1.6	ND	0.80	0.40	1998
134018	A	INDUSTRIAL CONTAINER SERVICES-CA LLC	MONTEBELLO	5.2	ND	0.60	0.20	2000
134931	A	ARCONIC GLOBAL FASTENERS & RINGS, INC.	FULLERTON	0.6	ND	1.90	0.02	1997
134943	A	ARCONIC GLOBAL FASTENERS & RINGS INC	TORRANCE	2.6	ND	0.60	0.00	2008
136148	A	E/M COATING SERVICES	NORTH HOLLYWOOD	5.8	ND	0.30	0.60	1998
140811	A	DUCOMMUN AEROSTRUCTURES INC	MONROVIA	3.5	0.01	0.00	0.00	2002
140961	A	GKN AEROSPACE TRANSPARENCY SYS INC	GARDEN GROVE	6.0	ND	0.00	0.50	1996
142267	A	FS PRECISION TECH LLC	COMPTON	2.0	ND	0.10	0.20	2001
148925	A	CHERRY AEROSPACE	SANTA ANA	9.7	ND	0.10	0.20	1999
149241	A	REGAL CULTURED MARBLE	POMONA	0.0	ND	0.00	0.20	1995
150201	A	BREITBURN OPERATING LP	SANTA FE SPRINGS	0.8	ND	0.00	0.00	1998

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151183	A	SA RECYCLING	TERMINAL ISLAND	4.1	ND	1.30	0.10	2003
151798	A	TESORO REFINING AND MARKETING CO, LLC	CARSON	2.8	ND	0.10	0.00	1999
151899	A	CALIFORNIA RESOURCES PRODUCTION CORP	NEWHALL	3.5	ND	0.00	0.20	2000
152054	A	LINN WESTERN OPERATING INC	BREA	1.1	ND	0.00	0.10	1996
152501	A	PRECISION SPECIALTY METALS, INC.	LOS ANGELES	0.5	ND	0.40	0.20	2001
153546	A	HUCK INTERNATIONAL INC	CARSON	3.3	ND	0.00	0.00	1999
155474	A	BICENT (CALIFORNIA) MALBURG LLC	VERNON	2.0	0.00	0.00	0.00	2007
155828	A	GARRETT AVN. SVCS. LLC DBA STANDARD AERO	LOS ANGELES	9.3	ND	0.19	0.25	2002
156741	A	HARBOR COGENERATION CO, LLC	WILMINGTON	0.1	ND	0.00	0.00	2002
157451	A	BENDER CCP INC	VERNON	4.4	0.00	1.00	0.00	2002
160437	A	SOUTHERN CALIFORNIA EDISON	REDLANDS	2.3	0.00	0.00	0.00	2013
160916	A	FXI, INC.	ORANGE	0.0	ND	0.40	0.40	1994
161142	A	FOAMEX INNOVATIONS, INC.	COMPTON	0.3	0.00	0.00	0.00	2010
164864	A	ARROWHEAD BRASS & PLUMBING	LOS ANGELES	5.7	ND	0.30	0.00	1995
165192	A	TRIUMPH AEROSTRUCTURES, LLC	HAWTHORNE	19.7	ND	0.64	0.24	1999
166587	A	THE BOEING COMPANY	HUNTINGTON BEACH	7.0	ND	0.00	0.00	1995
167981	A	TESORO LOGISTICS, WILMINGTON TERMINAL	WILMINGTON	2.8	ND	0.00	0.00	2000
168088	A	POLYNT COMPOSITES USA INC	LYNWOOD	6.5	ND	0.10	1.60	1995
169754	A	SO CAL HOLDING, LLC	HUNTINGTON BEACH	7.6	0.02	0.02	0.04	2019
169990	A	SPS TECHNOLOGIES, LLC	GARDENA	8.9	ND	0.10	0.10	1999
171107	A	PHILLIPS 66 CO/LA REFINERY WILMINGTON PL	WILMINGTON	33.8	0.64	0.44	0.19	2020
171109	A	PHILLIPS 66 COMPANY/LOS ANGELES REFINERY	CARSON	6.6	0.11	0.00	0.30	2011
172878	A	TESORO LOGISTICS LONG BEACH TERMINAL	LONG BEACH	2.4	ND	0.00	0.00	1999
174340	A	PRC DE SOTO INTERNATIONAL, INC.	IRVINE	0.7	ND	0.00	0.00	1995
174591	A	TESORO REF & MKTG CO LLC,CALCINER	LONG BEACH	4.3	ND	0.10	0.20	1995
174655	A	TESORO REFINING & MARKETING CO, LLC	CARSON	7.3	ND	0.30	0.10	2000
174703	A	TESORO LOGISTICS,CARSON PROD TERMINAL	CARSON	3.0	ND	0.00	0.00	1994

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174710	A	TESORO LOGISTICS, VINVALE TERMINAL	SOUTH GATE	9.0	ND	0.00	0.00	1994
175124	A	AEROJET ROCKETDYNE OF DE, INC.	CANOGA PARK	8.7	ND	0.00	0.00	1995
175126	A	AEROJET ROCKETDYNE OF DE, INC.	CANOGA PARK	0.0	ND	0.00	0.00	1996
177042	A	SOLVAY USA, INC	LONG BEACH	4.3	ND	0.30	0.00	2001
180631	A	STCDARA, LLC	LA PUENTE	13.8	0.02	0.01	0.74	2001
180908	A	ECO SERVICES OPERATIONS CORP.	CARSON	0.1	ND	0.00	0.10	2006
181426	A	OC WASTE & RECYCLING, COYOTE	NEWPORT COAST	20.1	0.18	0.60	0.30	2009
181667	A	TORRANCE REFINING COMPANY LLC	TORRANCE	7.7	0.15	0.20	0.50	2013
182610	A	ELITE COMFORT SOLUTIONS	COMMERCE	2.0	ND	0.00	0.50	1998
182752	A	TORRANCE LOGISTICS COMPANY LLC	VERNON	5.3	ND	0.10	0.00	1997
182822	A	TORRANCE LOGISTICS COMPANY LLC	ANAHEIM	0.7	ND	0.00	0.00	1999
183567	A	GS II, INC.	WILMINGTON	6.3	0.04	1.82	0.19	2018
183926	A	EVONIK CORPORATION	LOS ANGELES	2.4	ND	0.10	0.80	1999
184301	A	SENTINEL PEAK RESOURCES CALIFORNIA, LLC	LOS ANGELES	2.7	ND	0.00	0.10	1997
185059	A	CUSTOM FIBREGLASS MFG. CO DBA SNUGTOP	LONG BEACH	2.5	ND	0.00	0.00	1995
185093	A	BEVERLY HILLS UNIFIED SCHOOL DISTRICT	BEVERLY HILLS	1.2	ND	0.00	0.00	2005
185352	A	SNOW SUMMIT, LLC.	BIG BEAR LAKE	5.5	ND	0.20	0.00	2007
185575	A	BRIDGE ENERGY, LLC	BREA	3.4	ND	0.00	0.00	1999
185801	A	BERRY PETROLEUM COMPANY, LLC	SANTA CLARITA	1.6	ND	0.20	0.70	1999
186519	A	EMBEE PROCESSING	SANTA ANA	6.6	ND	0.21	0.58	2000
186899	A	ENERY HOLDINGS LLC	CARSON	0.8	ND	0.20	0.00	2007
187165	A	ALTAIR PARAMOUNT, LLC	PARAMOUNT	9.6	ND	0.00	0.00	2002
187348	A	HYDRO EXTRUDER, LLC	CITY OF INDUSTRY	1.3	ND	0.00	0.00	1999
187823	A	KIRKHILL INC	BREA	18.8	0.07	0.06	0.11	2019
188380	A	VALENCE SURFACE TECHNOLOGIES - LYNWOOD	LYNWOOD	0.5	0.00	0.10	0.40	2012
189043	A	REVLIN DBA ELIMINATOR BOATS	MIRA LOMA	0.0	ND	0.00	0.00	1995
190051	A	BRIDGE POINT LONG BEACH LLC	LONG BEACH	4.8	0.00	0.00	0.00	2002

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190377	A	GCC LONG BEACH C/O GOODMAN	LONG BEACH	4.8	ND	0.20	0.10	1999
193244	A	BKEP MATERIALS LLC - FONTANA	FONTANA	0.0	ND	0.30	0.00	1999
194241	A	STRUCTURAL COMPOSITES IND	POMONA	8.6	0.00	0.00	0.20	2002
194431	A	GC HUNTINGTON PARK, LLC	HUNTINGTON PARK	8.5	ND	0.00	0.00	2000
800003	A	HONEYWELL INTERNATIONAL INC	TORRANCE	1.8	ND	0.00	0.00	1999
800007	A	ALLIED SIGNAL INC (NSR USE ONLY)	EL SEGUNDO	3.6	ND	0.00	0.50	2000
800009	A	AMERON PROTECTIVE COAT DIV (EIS&NSR USE)	BREA	0.0	ND	0.20	0.20	2000
800018	A	BAXTER HEALTHCARE CORPORATION	IRVINE	0.0	ND	0.00	0.40	1994
800022	A	CALNEV PIPE LINE, LLC	BLOOMINGTON	5.9	ND	0.00	0.10	1999
800026	A	ULTRAMAR INC	WILMINGTON	7.2	0.18	0.70	0.20	2012
800030	A	CHEVRON PRODUCTS CO.	EL SEGUNDO	2.7	0.28	0.30	0.10	2001
800032	A	CHEVRON USA INC	MONTEBELLO	7.5	0.14	0.00	0.20	1999
800035	A	CONTINENTAL AIRLINES INC (NSR USE ONLY)	LOS ANGELES	2.8	ND	0.00	0.10	1995
800037	A	DEMENNO-KERDOON DBA WORLD OIL RECYCLING	COMPTON	4.9	0.01	0.01	0.02	2009
800039	O	DOUGLAS PRODUCTS DIVISION	TORRANCE	2.4	ND	0.00	0.00	1996
800041	A	DOW CHEM U.S.A.	TORRANCE	4.4	ND	0.10	0.00	2000
800047	O	FLETCHER OIL & REF CO	CARSON	5.9	ND	0.00	0.00	1998
800054	A	GATX RAIL CORP	SAN PEDRO	8.0	ND	0.30	0.50	1997
800056	A	KINDER MORGAN LIQUIDS TERMINALS, LLC	WILMINGTON	2.3	0.01	0.00	0.00	1997
800057	A	KINDER MORGAN LIQUIDS TERMINALS, LLC	CARSON	8.5	ND	0.00	0.10	1999
800063	A	GROVER PROD. CO (EIS USE)	LOS ANGELES	3.3	0.04	0.88	0.07	2001
800066	A	HITCO CARBON COMPOSITES INC	GARDENA	6.4	ND	0.30	0.00	1995
800067	A	THE BOEING COMPANY	EL SEGUNDO	6.2	ND	0.00	0.10	2000
800074	A	LA CITY, DWP HAYNES GENERATING STATION	LONG BEACH	0.2	ND	0.00	0.00	2000
800075	A	LA CITY, DWP SCATTERGOOD GENERATING STN	PLAYA DEL REY	0.0	ND	0.00	0.00	2000
800079	A	PETRO DIAMOND TERMINAL CO	LONG BEACH	8.3	ND	0.00	0.20	1998
800087	A	MENASCO MFG CO (EIS USE)	BURBANK	0.0	ND	0.00	0.00	1997

Table C-2
Health Risks from Facilities with an Approved HRA
 (Listed by Facility ID)

Facility ID	Facility Status (a)	Facility Name	City	Cancer Risk (chances in-one-million)	Cancer Burden (c)	Non-Cancer Acute Hazard Index	Non-Cancer Chronic Hazard Index	HRA Approval Year (b)
800109	A	REYNOLDS METALS CO	TORRANCE	0.0	ND	0.20	0.90	2001
800111	O	THE BOEING COMPANY	DOWNEY	2.3	ND	0.00	0.10	1996
800113	A	ROHR, INC.	RIVERSIDE	7.2	0.01	0.90	0.00	2007
800117	A	SHELL OIL CO (EIS USE)	WILMINGTON	7.3	ND	0.00	0.10	1998
800127	A	SO CAL GAS CO	MONTEBELLO	1.0	0.00	0.00	0.00	2009
800129	A	SFPP, L.P.	BLOOMINGTON	5.8	ND	0.00	0.00	1996
800149	A	US BORAX INC	WILMINGTON	9.5	ND	0.00	0.00	2000
800150	A	US GOVT, AF DEPT, MARCH AIR RESERVE BASE	RIVERSIDE	7.4	0.02	0.30	0.00	2008
800154	A	US GOVT, MARINE CORPS AIR STATION	TUSTIN	0.0	ND	0.00	0.00	2000
800168	A	PASADENA CITY, DWP	PASADENA	0.2	ND	0.70	0.00	1996
800180	A	UNOCAL CORP, UNOCAL CHEM DIV (EIS USE)	LA MIRADA	6.2	ND	0.50	0.80	1999
800181	A	CALIFORNIA PORTLAND CEMENT CO	COLTON	2.0	ND	0.00	0.40	1996
800182	A	RIVERSIDE CEMENT CO	RIVERSIDE	7.8	0.11	0.10	0.10	2001
800184	A	GOLDEN WEST REF CO	SANTA FE SPRINGS	8.8	ND	0.20	0.10	1997
800189	A	DISNEYLAND RESORT	ANAHEIM	3.3	0.03	0.10	0.10	2009
800193	A	LA CITY, DWP VALLEY GENERATING STATION	SUN VALLEY	0.2	ND	0.30	0.00	1999
800196	A	AMERICAN AIRLINES, INC,	LOS ANGELES	5.4	0.19	0.86	0.08	2002
800198	A	ULTRAMAR INC	WILMINGTON	5.9	ND	0.00	0.10	1999
800202	A	UNIVERSAL CITY STUDIOS, LLC.	UNIVERSAL CITY	2.4	ND	0.00	0.00	1996
800204	O	SIMPSON PAPER CO	POMONA	3.4	ND	0.00	0.00	1996
800207	A	METRO ST HOSP (EIS USE)	NORWALK	0.0	ND	0.00	0.00	1996
800209	A	BKK CORP (EIS USE)	WEST COVINA	6.9	ND	0.00	0.10	2000
800214	A	LA CITY, SANITATION BUREAU (HTP)	PLAYA DEL REY	7.6	ND	0.10	0.00	1999
800224	A	SO CAL EDISON CO	ETIWANDA	2.7	ND	0.00	0.20	2000
800236	A	LA CO. SANITATION DIST	CARSON	7.2	ND	0.20	0.10	2007
800273	O	CHEMOIL REF CORP (NSR USE ONLY)	SIGNAL HILL	0.0	ND	0.00	0.00	2000
800278	A	SFPP, L.P. (NSR USE)	CARSON	2.4	ND	0.00	0.10	1999

Table C-2
Health Risks from Facilities with an Approved HRA
 (Listed by Facility ID)

Facility ID	Facility Status (a)	Facility Name	City	Cancer Risk (chances in-one-million)	Cancer Burden (c)	Non-Cancer Acute Hazard Index	Non-Cancer Chronic Hazard Index	HRA Approval Year (b)
800279	A	SFPP, L.P. (NSR USE ONLY)	ORANGE	5.9	ND	0.00	0.20	1999
800288	A	UNIV CAL IRVINE (NSR USE ONLY)	IRVINE	5.6	ND	0.00	0.10	1996
800301	A	ITT GILFILLAN	VAN NUYS	0.9	ND	0.10	0.20	1998
800318	A	GRISWOLD INDUSTRIES	COSTA MESA	9.5	0.01	0.10	0.00	2001
800320	A	AMVAC CHEMICAL CORP	LOS ANGELES	0.0	ND	0.10	0.30	2004
800325	A	TIDELANDS OIL PRODUCTION CO	LONG BEACH	1.9	ND	0.10	0.60	1999
800327	A	GLENDALE CITY, GLENDALE WATER & POWER	GLENDALE	179.5	4.97	0.80	1.69	2019
800330	A	THUMS LONG BEACH	LONG BEACH	1.2	ND	0.00	0.00	2000
800337	A	CHEVRON U.S.A., INC (NSR USE)	LA HABRA	0.0	ND	0.00	0.00	1996
800343	O	BOEING SATELLITE SYSTEMS, INC	EL SEGUNDO	0.3	ND	0.00	0.20	1996
800372	A	EQUILON ENTER. LLC, SHELL OIL PROD. US	CARSON	22.0	0.26	1.30	0.07	2020
800373	A	LAKELAND DEVELOPMENT COMPANY	SANTA FE SPRINGS	9.7	ND	0.30	0.10	2000
800387	A	CAL INST OF TECH	PASADENA	2.4	ND	0.10	0.00	2007
800408	A	NORTHROP GRUMMAN SYSTEMS	MANHATTAN BEACH	1.4	ND	0.90	0.10	1998
800409	A	NORTHROP GRUMMAN SYSTEMS CORPORATION	REDONDO BEACH	5.5	ND	0.50	0.20	1998
800413	A	HAWKER PACIFIC AEROSPACE	SUN VALLEY	2.1	0.00	0.00	0.10	2009
800436	A	TESORO REFINING AND MARKETING CO, LLC	WILMINGTON	10.7	0.37	0.30	0.40	2013

Notes:

- a) A = Active (note that facilities with “Active” status within South Coast AQMD’s database may not currently be in operation); I = Inactive; OB = Out of Business
- (b) All HRAs with HRA Approval Year dated 2015 and later have used the 2015 OEHHA Risk Assessment Guidelines for preparation of their HRA.
- (c) ND = Not Determined

Appendix D — Approved Risk Reduction Plans and Voluntary Risk Reduction Plans

Facilities with an Approved Rule 1402(f) Risk Reduction Plan

Table D-1 — Status of Risk Reduction Plans

Facility ID	Facility Name	Submitted	Approved	Implemented	Residual Risk			
					Cancer Risk	Chronic HI	Acute HI	Cancer Burden
7427	OWENS-BROCKWAY GLASS CONTAINER INC	Yes	Yes	Yes	3.6	0.01	0.06	0.00
7730	CARPENTER CO	Yes	Yes	Yes	1.0	0.03	1.34	0.00
8015	ANADITE INC	Yes	Yes	Yes	3.5	0.63	0.78	N/A
8547	QUEMETCO INC	Yes	Yes	Yes	7.1	0.09	0.69	0.45
8582	SO CAL GAS CO/PLAYA DEL REY STORAGE FACILITY	Yes	Yes	In Progress	TBD	TBD	TBD	TBD
11818	HIXSON METAL FINISHING (d)	Yes	Yes	In Progress	TBD	TBD	TBD	TBD
14191	NIKOR CHEMICAL COMPANY INC (a)	Yes	Yes	Yes	N/A	N/A	N/A	N/A
15504	SCHLOSSER FORGE COMPANY	Yes	Yes	Yes	9.5	1.59	1.11	0.07
16951	ANAPLEX CORP (d)	Yes	In Progress	In Progress	TBD	TBD	TBD	TBD
113873	MM WEST COVINA LLC	Yes	Yes	Yes	13.3	0.98	1.7	0.31
171107	PHILLIPS 66 CO/LA REFINERY WILMINGTON PL	Yes	In progress	In Progress	TBD	TBD	TBD	TBD
18294	NORTHROP GRUMMAN SYSTEMS CORP	Yes	Yes	Yes	7.6	0.13	0.05	N/A
18931	GERDAU/TAMCO	Yes	Yes	In Progress	TBD	TBD	TBD	TBD
18989	BOWMAN PLATING CO INC	Yes	Yes	Yes	17.0	0.01	0.01	0.00
22410	PALACE PLATING (b)	Yes	Yes	Yes	5.6	0.73	0.38	N/A
23752	AEROCRAFT HEAT TREATING CO INC	Yes	Yes	In Progress	TBD	TBD	TBD	TBD
25012	AMADA AMERICA, INC.	Yes	Yes	Yes	0.0	0.00	0.00	0.00
41229	LUBECO INC (d)	Yes	In Progress	In Progress	TBD	TBD	TBD	TBD
45938	E.M.E. INC/ELECTRO MACHINE & ENGINEERING	Yes	Yes	Yes	0.0	0.00	0.00	0.00
61160	GE ENGINE SERVICES, LLC	Yes	Yes	Yes	0.5	0.70	0.01	0.00
119127	PRC DESOTO INTERNATIONAL (a)	Yes	Yes	Yes	N/A	N/A	N/A	N/A
124838	EXIDE TECHNOLOGIES (a,c)	Yes	Yes	(See Note)	N/A	N/A	N/A	N/A
134931	ARCONIC GLOBAL FASTENERS & RINGS, INC.	Yes	Yes	Yes	0.6	1.90	0.02	0.00
155828	GARRETT AVIATION SERVICES, LLC (a)	Yes	Yes	Yes	7.0	0.28	0.03	N/A
165192	TRIUMPH AEROSTRUCTURES, LLC. (c)	Yes	Yes	Yes	19.7	0.64	0.24	N/A
180631	STCDARA, LLC	Yes	Yes	Yes	13.8	0.01	0.74	0.02
186519	EMBEE PROCESSING	Yes	Yes	Yes	6.6	0.21	0.58	N/A
800037	DEMENNO/KERDOON	Yes	Yes	Yes	4.9	0.00	0.02	0.01
800063	GROVER PRODUCTS CO.	Yes	Yes	Yes	3.3	0.88	0.07	0.04
800196	AMERICAN AIRLINES, INC.	Yes	Yes	Yes	5.4	0.86	0.08	0.19
800327	GLENDALE CITY, GLENDALE WATER & POWER	Yes	In Progress	In Progress	TBD	TBD	TBD	TBD

Notes:

(a) Facility has shut down, resulting risks are zero.

- (b) The specific risk driver listed in this HRA is no longer in use & the resulting risk has been eliminated.
- (c) Facility shut down prior to implementation of RRP.
- (d) HRA and RRP review is in progress and residual risk is to be determined after implementation of risk reduction measures.

Facilities with an Approved Rule 1402(h) Voluntary Risk Reduction Plan

South Coast AQMD’s Rule 1402 — Control of Toxic Air Contaminants from Existing Sources includes a Voluntary Risk Reduction Program. Facilities that participate in the Voluntary Risk Reduction Program reduce their health risks sooner and below the thresholds required under Rule 1402. Facilities that participate in this program have already had a HRA approved by South Coast AQMD that shows the facility’s risks were below risk reduction thresholds at the time of HRA approval. An HRA is a study that estimates how a facility’s emissions affect people’s health risks in the surrounding community.

On March 6, 2015, OEHHA approved revisions to its guidelines (2015 OEHHA Guidelines) that are used by all air districts throughout the state to prepare HRAs. The 2015 OEHHA Guidelines incorporates age sensitivity factors which will increase cancer risk estimates to residential and sensitive receptors by approximately three times, and more than three times in some cases depending on whether the toxic air contaminant has multiple pathways of exposure in addition to inhalation. Under the 2015 OEHHA Guidelines, even though the toxic emissions from a facility have not increased, the estimated cancer risk to a residential receptor will increase. Cancer risks for offsite worker receptors are similar between the existing and revised methodology because the methodology for adulthood exposures remains relatively unchanged. The Voluntary Risk Reduction Program provides an opportunity for participating facilities to address the increase in their estimated cancer risk due to the 2015 OEHHA Guidelines.

Table D-2 below lists the facilities with an approved Voluntary Risk Reduction Plan.

Table D-1 — Facilities with Approved Voluntary Risk Reduction Plans

Facility ID	Facility Status (a)	Facility Name	Address	City	VRRP Approval Year (e)
17301	A	ORANGE COUNTY SANITATION DISTRICT	10844 ELLIS AVE	FOUNTAIN VALLEY	2018
29110	A	ORANGE COUNTY SANITATION DISTRICT	22212 BROOKHURST ST	HUNTINGTON BEACH	2018
181667	A	TORRANCE REFINING COMPANY	3370 W 190 TH ST	TORRANCE	2020
182610	A	ELITE COMFORT SOLUTIONS	4542 E DUNHAM ST	COMMERCE	2020
800030	A	CHEVRON EL SEGUNDO REFINERY	324 WEST EL SEGUNDO BLVD	EL SEGUNDO	2019

Appendix E — List of Acronyms and Abbreviations

Acronym	Description
AB 2588	Air Toxics “Hot Spots” Information and Assessment Act
AB 617	Assembly Bill 617
AER	Annual Emissions Reporting
ATIR	Air Toxics Inventory Report
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CEMS	Continuous Emissions Monitoring System
CEQA	California Environmental Quality Act
DPM	Diesel Particulate Matter
EGBE	Ethylene Glycol mono-n-Butyl Ether
EIR	Environmental Impact Report
F.I.N.D	Facility Information Detail
H&S Code	California Health and Safety Code
HARP	Hotspots Analysis and Reporting Program
HI	Hazard Index
HRA	Health Risk Assessment
LPG	Liquefied Petroleum Gas
MATES	Multiple Air Toxics Exposure Study
MDI	Methylene Phenyl Diisocyanate
NAAQS	National Ambient Air Quality Standard
OEHHA	Office of Environmental Health Hazard Assessment
PAMS	Photochemical Assessment Monitoring Stations
REL	Reference Exposure Levels
RRP	Risk Reduction Plan
SB 1731	Facility Air Toxic Contaminant Risk Audit and Reduction Plan
South Coast AQMD	South Coast Air Quality Management District
TBAc	Tert-Butyl Acetate
TS	Total Facility Score
U.S. EPA	United States Environmental Protection Agency
VRRP	Voluntary Risk Reduction Plan

AB 2588 Toxic Hot Spots 2020 Annual Report

**Board Presentation
December 3, 2021**





Introduction

- AB 2588 Program Annual Report summarizes
 - Activities implemented under AB 2588 “Hot Spots Act” consistent with state law
 - South Coast AQMD activities to reduce toxic air contaminants
 - Future activities relating to AB 2588
 - Updates to AB 2588 guidance documents
- H&S Code §44363 requires a public hearing to present results of Annual Report

Goals and Objectives of AB 2588

Collect
emissions data
for air toxics

Identify facilities
with localized
impacts

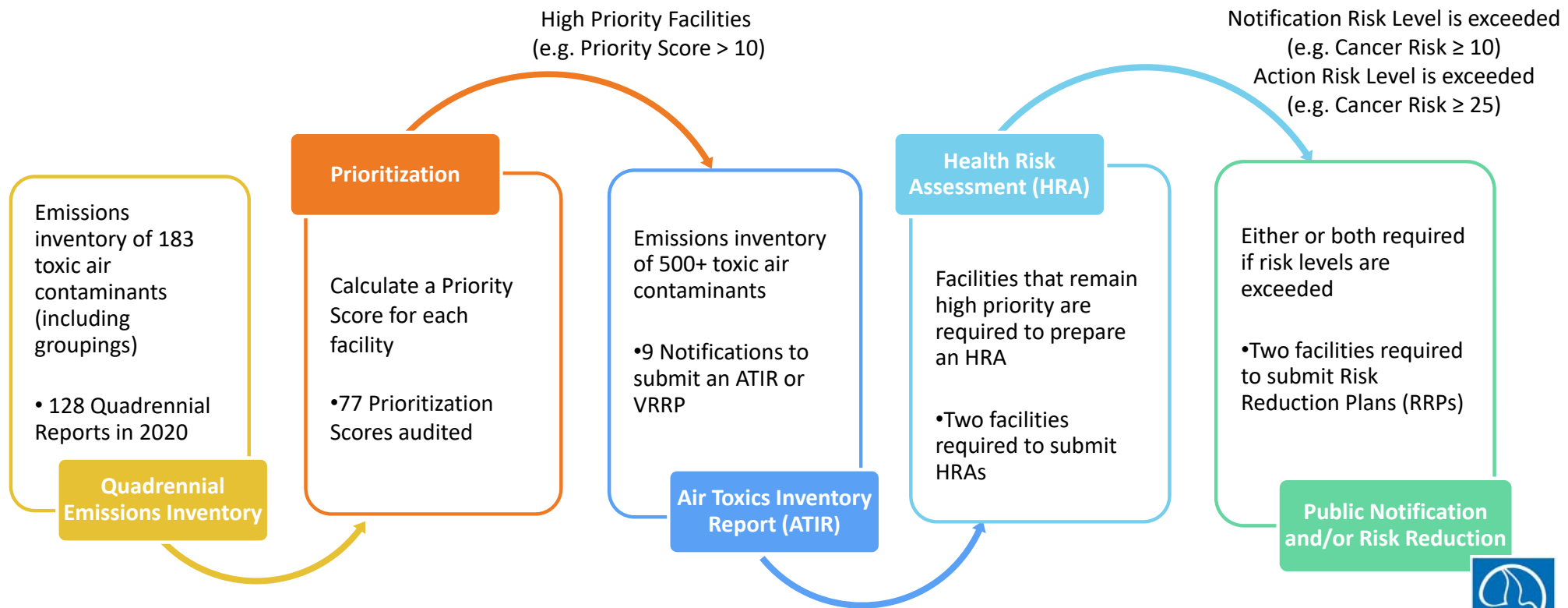
Determine
potential health
risks

Provide public
notification

Reduce
significant risks

AB 2588 is one piece of South Coast AQMD's overall approach to air toxics

AB 2588 Traditional Process for 'Core' Facilities



Pathways for Facilities in Rule 1402

Traditional Approach

Facilities with cancer risks <100 chances in-one-million

- Air Toxic Inventory Report
- Health Risk Assessment
- Public Notification (if cancer risks > 10 in-one-million)
- Risk Reduction Plan (if cancer risks > 25 in-one-million)

Voluntary Risk Reduction Program

Facilities with cancer risks <100 chances in-one-million and approved Health Risk Assessment

- Air Toxic Inventory Report
- Voluntary Risk Reduction Plan committing to reduce cancer risks below 10 in-one-million
- Modified Public Notification

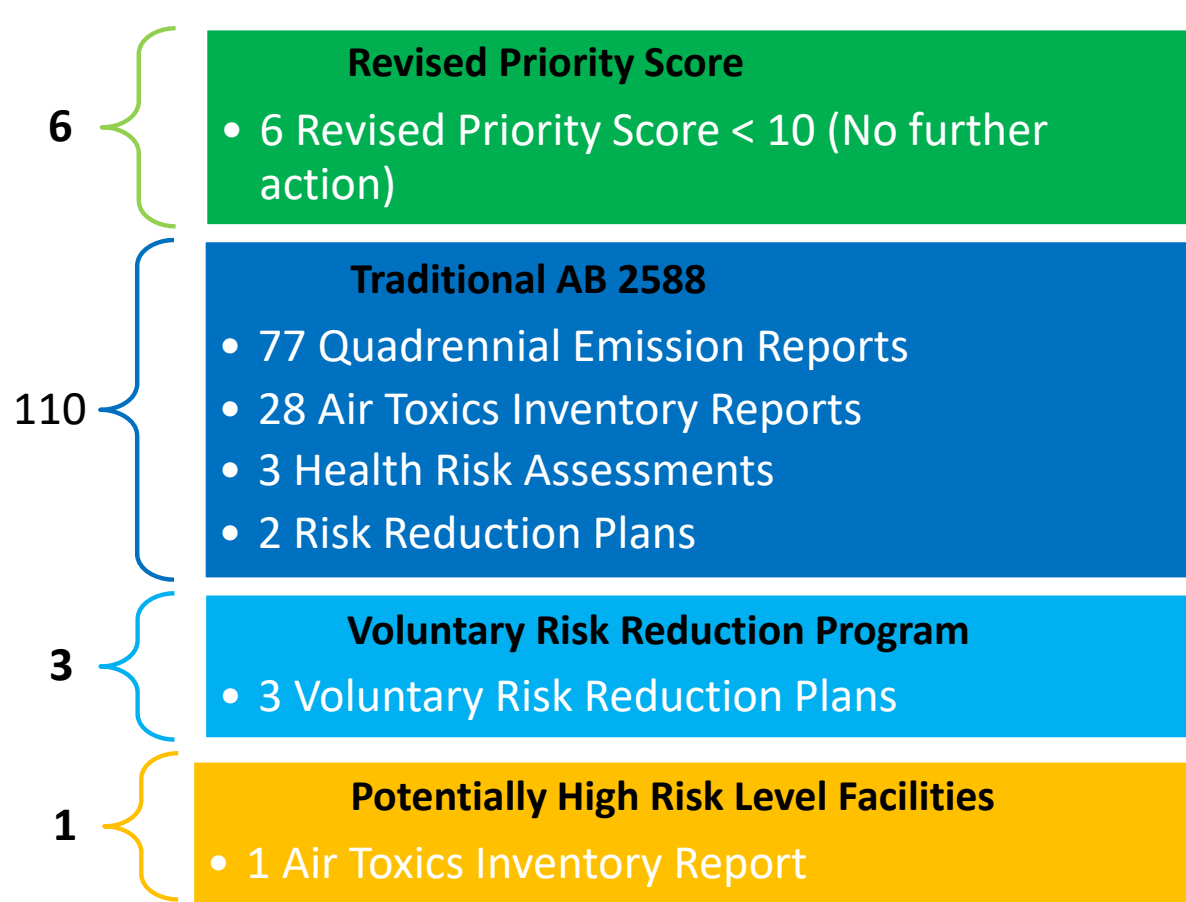
Potentially High Risk Level

Facilities with cancer risks ≥ 100 chances in-one-million

- Early Action Reduction Plan
- Air Toxic Inventory Report
- Health Risk Assessment
- Public Notification (if cancer risks ≥ 10 per million)
- Risk Reduction Plan (if cancer risks ≥ 25 per million)

120
Reviews

Reviews in 2020



Other Key Toxics-Related Activities in 2020

Rulemaking



Proposed Rule 1407.1 to reduce emissions of hexavalent chromium from chromium alloy melting operations by establishing new requirements such as control equipment and mass emissions limits.

Proposed amendments to Rule 1426 to reduce fugitive emissions of hexavalent chromium, nickel, cadmium, and lead from metal finishing facilities.

Special Monitoring

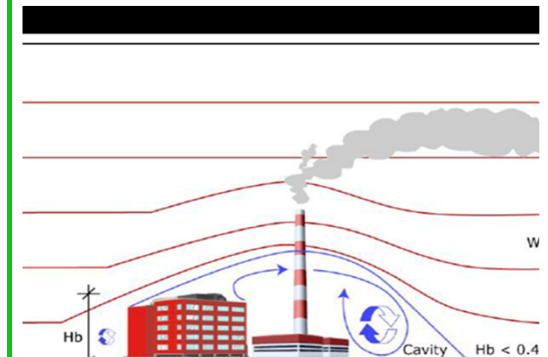


Continued air monitoring in Paramount

Continued mobile monitoring campaign in the Greater Los Angeles Area

Continued air monitoring in West Rancho Dominguez Area

Rules 1420.2



Reviewed air dispersion modeling for lead emissions from one facility under Rule 1420.2

2021 Toxics-Related Activities

- Details will be provided in 2021 Annual Report provided in 2022
 - Audit quadrennial emissions inventories for approximately 174 facilities
 - Track development of potential additions or revisions to health values by OEHHA
 - Work with CARB and through the CAPCOA Toxics and Risk Managers Committee (TARMAC) regarding:
 - Updates to the AB 2588 guidelines, including review of additional chemicals to be added for evaluating risk
 - Amendments to CTR (Criteria and Toxics Reporting) guidelines that will overlap with the updated AB 2588 guidelines
 - Work with CARB to develop or update HRA guidance for Industrywide Sources (i.e., gasoline dispensing facilities, autobody shops)

Projected 2022 Activities

- Cumulative toxic community impacts
 - Long-standing environmental justice concerns
 - Community vulnerability
 - Engage in the Department of Toxics Substances Control's (DTSC) SB 673 rulemaking
 - AB 617 communities
- Develop new internal tools for project tracking and program streamlining



Recommended Action

- Receive and File the 2020 AB 2588 Annual Report