AGENDA

MEETING, MAY 6, 2022 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, May 6, 2022 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.agmd.gov/home/news-events/meeting-agendas-minutes

Face coverings: State and local public health officials strongly recommend, but do not require, the wearing of face coverings while in an indoor public setting.

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

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.agmd.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

Wavne Nastri. Executive Officer

<u>PUBLIC COMMENT PERIOD</u> — (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 <u>does not</u> 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 27)

Note: Consent and Board Calendar items held for discussion will be moved to Item No. 28.

Items 1 through 4 – Action Items/No Fiscal Impact

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

This action is to adopt the attached Resolution finding that the Board: 1) has reconsidered the circumstances of the state of emergency; and 2) State or local officials continue to impose or recommend measures to promote social distancing. See California Government Code Section 54953(e)(3). (No Committee Review)

Amend Section 30.4 of South Coast AQMD's Administrative Code

Gilchrist/3459

This action is to amend Section 30.4 of South Coast AQMD's Administrative Code to limit the terms of the Chair to two consecutive two-year terms. (Reviewed: Administrative Committee, April 8, 2022; Recommended for Approval)

3. Approve Minutes of April 1, 2022 Board Meeting

Thomas/3268

4. Set Public Hearing June 3, 2022 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations:

Nastri/3131

Determine That Proposed Rule 403.2 – Fugitive Dust from Large Roadway Projects, Is Exempt from CEQA; and Adopt Rule 403.2

MacMillan/3244

Proposed Rule 403.2 (PR 403.2) reduces potential fugitive dust impacts to communities near large roadway projects. PR 403.2 would prohibit certain large roadway project activities that generate dust and are in close proximity to sensitive receptors and areas of public exposure. PR 403.2 would also include additional requirements to control dust, notification to nearby receptors, project signage, and recordkeeping. This action is to adopt the Resolution: 1) Determining that Proposed Rule 403.2 – Fugitive Dust Emissions from Large Roadway Projects, is exempt from the requirements of the California Environmental Quality Act; and 2) Adopt Rule 403.2 – Fugitive Dust Emissions from Large Roadway Projects. (Reviewed: Stationary Source Committee, March 18 and April 15, 2022)

Items 5 through 13 -- Budget/Fiscal Impact

Recognize Revenue, Execute Contracts for Cleaner Freight California and Reimburse General Fund

Katzenstein/2219

South Coast AQMD has been awarded up to \$2,349,995 from U.S. EPA to replace diesel cargo handling equipment with innovative zero-emission electric alternatives. These actions are to recognize revenue, upon receipt, of up to \$2,349,995 from the U.S. EPA FY21 Clean Diesel Funding Assistance Program into the Advanced Technology, Outreach and Education Fund (17) for electrification of cargo handling equipment. These actions are to also execute contracts with (1) Albertsons Companies to replace diesel yard hostlers with zero-emission, all-electric hostlers in an amount not to exceed \$1,314,879, (2) McLane Company to replace diesel yard tractors with zero-emission, allelectric yard hostlers in an amount not to exceed \$730,489, (3) Long Beach Container Terminal to replace intermodal cargo handling equipment with zeroemission, all-electric units in an amount not to exceed \$180,000 from the Advanced Technology, Outreach and Education Fund (17) and (4) reimburse the General Fund up to \$124,627 from the Advanced Technology, Outreach and Education Fund (17) for staff administrative costs. (Reviewed: Technology Committee, April 15, 2022; Recommended for Approval)

Release RFP, Issue RFQs and Execute Purchase Orders and Contracts to Purchase and Deploy Portable Air Cleaners at Wildfire Smoke Clean Air Centers

Katzenstein/2219

AB 836 provided \$5 million in statewide funding to create Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program to upgrade ventilation systems and deploy portable air cleaners for residents displaced by wildfires and other smoke events. In September 2021, the Board approved release of an RFP and execution of contracts. No applications were received and staff received feedback from an interested organization that they do not have the administrative capability to purchase portable air cleaners and then seek reimbursement under a contract. These actions are to: (1) release RFP #P2022-10 to solicit organizations to deploy portable air cleaners at Wildfire Smoke Clean Air Centers; (2) issue RFQs to solicit quotations and subsequently execute purchase orders for portable air cleaners along with replacement filters in an amount up to \$231,250 from the Air Filtration Fund (75); and (3) execute contract(s) with organizations to deploy portable air cleaners at Wildfire Smoke Clean Air Centers. (Reviewed: Technology Committee, April 15, 2022; Recommended for Approval)

7. School Air Filtration Program for Private Schools and Daycare Facilities in AB 617 Communities Using CARB Supplemental Environmental Project Funds

Katzenstein/2219

CARB has requested South Coast AQMD administer a Supplemental Environmental Project (SEP) to install and maintain air filtration systems at schools in AB 617 communities. As a result, the establishment of a new special revenue fund is required to facilitate program tracking and auditing. These actions are to: (1) establish CARB SEP Special Revenue Fund (87); (2) recognize up to \$1,275,000 into CARB SEP Special Revenue Fund (87); (3) execute an agreement with CARB for South Coast AQMD to administer this SEP; (4) reimburse the General Fund for administrative costs of up to \$89,250 from CARB SEP Special Revenue Fund (87); (5) issue Program Announcement PA# 2022-03 to solicit proposals from K-12 private schools and private daycare facilities for installation and maintenance of air filtration systems; and (6) execute contracts with K-12 private schools and private daycare facilities or their contractors for selected eligible projects and maintain an eligible wait list for projects from this Program Announcement for installation and maintenance of air filtration systems in AB 617 communities in an amount up to \$1,185,750 from CARB SEP Special Revenue Fund (87). (Reviewed: Technology Committee, April 15, 2022; Recommended for Approval)

8. Transfer Funds Between Major Objects and Execute Purchase Orders for AQ-SPEC Program

Low/2269

In July 2014, AQ-SPEC was established to perform systematic, detailed characterizations of currently available air monitoring sensors using both field and laboratory-based testing and to communicate the results to the public. AQ-SPEC funds are included as part of Science & Technology Advancement's FY 2021-22 adopted budget. Based on an assessment of the existing priorities and resources of this program, there is a need to reallocate funds. This action is to transfer up to \$85,000 between Major Objects and to execute purchase orders for air monitoring equipment. (Reviewed: Technology Committee, April 15, 2022; Recommended for Approval)

Approve Compensation Adjustments for Board Member Assistants and Board Member Consultants for FY 2022-23

Jain/2804

The Board Member Assistant and Board Member Consultant compensation is proposed to be amended to adjust the compensation level South Coast AQMD may make per Board Member, per fiscal year, based on the Board approved assignment-of-points methodology. The points are calculated based on the level of complexity, number of meetings, and role. (Reviewed: Administrative Committee, April 8, 2022; Recommended for Approval)

Appropriate Funds and Amend Contract with Strumwasser & Woocher, LLP to Provide Representation and Advice to South Coast AQMD Hearing Board

Nakamura/3105

In August 2020, the Board authorized the Executive Officer to execute a contract with Strumwasser & Woocher, LLP to provide legal representation and advice to the Hearing Board as the need arises for a total not to exceed \$15,000 annually for up to three years. This action is to appropriate \$35,000 from the General Fund to the Clerk of the Boards FY 2021-22 and/or FY 2022-23 Budget, Services and Supplies Major Object, Professional and Special Services Account, and amend the contract with Strumwasser & Woocher, LLP to add funds in an amount not to exceed \$35,000 for specialized legal counsel and services as required by the South Coast AQMD Hearing Board. (Reviewed: Administrative Committee, April 8, 2022; Recommended for Approval)

11. Appoint Members to South Coast AQMD Hearing Board

Thomas/3268

The terms of office for the two Hearing Board Public Members and the Medical Member, as well as their alternates, expire on June 30, 2022. In November 2021, a recruitment was opened to seek candidates for the new terms, July 1, 2022 through June 30, 2025. As required by state law, an Advisory Committee (Hearing Board Advisory Committee) appointed by five members of the Governing Board reviewed and ranked the applicants. On March 16, 2022, the Hearing Board Advisory Committee recommended the five top-scoring public member candidates and the two medical member candidates for interviews. The Administrative Committee interviewed the candidates at its meeting on April 8, 2022 and made final recommendations. (Reviewed: Administrative Committee, April 8, 2022; Recommended for Approval)

12. Authorize Purchase of OnBase Software Support

Moskowitz/3329

South Coast AQMD uses OnBase software for its electronic document management system to manage critical documents and to support the Record Retention Policy. Software subscription and support for OnBase expires on July 31, 2022. This action is to obtain approval for sole source purchase of OnBase software subscription and support for one year from Information Management's FY 2022-23 Budget. Funds for this purchase (\$150,000) are conditional on approval of the Proposed FY 2022-23 Budget. (Reviewed: Administrative Committee, April 8, 2022; Recommended for Approval)

13. Issue New Solicitations and Approve Substitute Award Recipient as Approved by MSRC

McCallon

The MSRC approved a Program Announcement for major event center transportation projects and a Program Opportunity Notice (PON) for Transformative Transportation Strategies & Mobility Solutions as part of their FYs 2021-24 Work Program. Additionally, the MSRC approved a substitute award recipient for a previous award under the Hydrogen Infrastructure Partnership Program as part of their FYs 2016-18 Work Program. At this time, the MSRC seeks Board approval of the substitute award recipient and to release the solicitations as part of the FYs 2016-18 and 2021-24 Work Programs. (Reviewed: Mobile Source Air Pollution Reduction Review, April 21, 2022; Recommended for Approval)

Item 14 -- Staff Presentation/Board Discussion

14. Demonstration of Major Enhancements to South Coast AQMD Mobile App (Presentation in Lieu of Board Letter)

Moskowitz/3329

The South Coast AQMD Mobile App is the official air quality app for residents of the South Coast Air Basin. The app is available for Apple and Android devices and is the first government app available in Spanish. The South Coast AQMD Mobile App has over 57,000 user installs. This item is to provide a demonstration of the major enhancements to the South Coast Mobile App. These include direct access to detailed facility information and the accessibility to file air quality complaints through the app. (No Committee Review)

Items 15 through 20 – Information Only/Receive and File

15. Legislative, Public Affairs and Media Report

Alatorre/3122

This report highlights the March 2022 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)

16. Hearing Board Report

Verdugo-Peralta/2500

This reports the actions taken by the Hearing Board during the period of March 1 through March 31, 2022. (No Committee Review)

17. Civil Filings and Civil Penalties Report

Gilchrist/3459

This report summarizes monthly penalties and legal actions filed by the General Counsel's Office from March 1 through March 31, 2022. An Index of South Coast AQMD Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, March 18, 2022)

18. Lead Agency Projects and Environmental Documents Received

Krause/2706

This report provides a listing of CEQA documents received by South Coast AQMD between March 1, 2022 and March 31, 2022, and those projects for which South Coast AQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, April 15, 2022)

Rule and Control Measure Forecast

Rees/2856

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

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, April 8, 2022)

Items 21 through 27 -- Reports for Committees and CARB

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

22. Legislative Committee Chair: Cacciotti Alatorre/3122

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

Agenda Item Recommendation

SB 1235 (Borgeas)
All pollution: portable equipment:

Oppose

emergency events

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

24. Stationary Source Committee (Receive & File) Chair: Benoit Aspell/2491

25. Technology Committee (Receive & File) Chair: Richardson Katzenstein/2219

26. Mobile Source Air Pollution Reduction Board Liaison: Benoit Katzenstein/2219

Review Committee (Receive & File)

27. California Air Resources Board Monthly Board Rep: Kracov Thomas/2500

Report (Receive & File)

28. Items Deferred from Consent and Board Calendar

PUBLIC HEARINGS

29. Determine That Proposed Amendments to Rule 1147 – NOx Reductions from Miscellaneous Sources, Are Exempt from CEQA; and Amend Rule 1147

Krause/2706

Proposed Amended Rule 1147 applies to RECLAIM and non-RECLAIM facilities and is being amended to update the NOx emission limits and establish new CO limits to reflect BARCT emission limits for applicable equipment categories. The proposed amendments also includes additional combustion equipment that is currently not regulated, establishes compliance schedules with interim emission limits, includes provisions for monitoring, reporting, recordkeeping, and revises exemptions. This action is to adopt the Resolution: 1) Determining that Proposed Amended Rule 1147 – NOx Reductions from Miscellaneous Sources, is exempt from the requirements of the California Environmental Quality Act; and 2) Amending Rule 1147 – NOx Reductions from Miscellaneous Sources. (Reviewed: Stationary Source Committee, February 18, 2022)

30. Determine That Proposed Amendments to Regulation III – Fees and Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants Are Exempt from CEQA; Amend Regulation III – Fees and Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants; and Adopt Executive Officer's FY 2022-23 Proposed Goals and Priority Objectives, and Proposed Budget

Jain/2804

The Executive Officer's Proposed Goals and Priority Objectives and Proposed Budget for FY 2022-23 have been developed and are recommended for adoption. The Proposed Budget is balanced with expenditures and revenues of \$189,162,810. In addition, staff is proposing amendments to Regulation III -Fees and Rule 1480 - Ambient Monitoring and Sampling of Metal Toxic Air Contaminants. The amendments include: 1) an increase of most fees by 6.5 percent consistent with the Consumer Price Index and Rule 320; 2) new or increased fees which are necessary to provide more specific cost recovery for other regulatory actions taken by the agency; and 3) administrative changes in Regulation III and Rule 1480 that include clarification, deletions, insertions, or corrections of existing rule language, which have no fee impact. This action is to adopt the Resolution: 1) Determining that the proposed amendments to Regulation III - Fees and Rule 1480 - Ambient Monitoring and Sampling of Metal Toxic Air Contaminants are exempt from the California Environmental Quality Act; 2) Amending Regulation III and Rule 1480. This action is also to adopt the Executive Officer's Proposed Goals and Priority Objectives, and Proposed Budget for FY 2022-23. (Reviewed: Special Board Meeting/Budget Workshop, April 8, 2022)

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.

CONFLICT OF INTEREST DISCLOSURES – (No Written Material)

Under the approval authority of the Executive Officer, the District will amend a contract with the Southern California Association of Governments (SCAG) (MS21005). Chair Ben Benoit is a Committee Member for SCAG. Out of an abundance of caution, the Chair has abstained from participation in amendment of this contract.

The District will enter into a contract with Amazon Logistics, Inc. (MS21012). Executive Officer Wayne Nastri has stock in Amazon. Executive Officer Nastri has abstained from participation in the making of this contract.

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:

 <u>Communities for a Better Environment v. SCAQMD</u>, Los Angeles Superior Court Case No. BS161399 (RECLAIM);

- In the Matter of SCAQMD v. Southern California Gas Company, Aliso Canyon Storage Facility, SCAQMD Hearing Board Case No. 137-76 (Order for Abatement); <u>People of the State of California, ex</u> rel SCAQMD v. Southern California Gas Company, Los Angeles Superior Court Case No. BC608322; Judicial Council Coordinated Proceeding No.4861;
- <u>In the Matter of SCAQMD v. Torrance Refining Company, LLC</u>, SCAQMD Hearing Board Case No. 6060-5 (Order for Abatement);
- <u>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;</u>
- SCAQMD, et al. v. Elaine L. Chao, et al., District Court for the District of Columbia, Case No. 1:19-cv-03436-KBJ
- <u>SCAQMD</u>, et al. v. <u>EPA</u>, United States Court of Appeals, D.C. Circuit, Case No. 19-1241 (consolidated with <u>Union of Concerned Scientists v. NHTSA</u>, No. 19-1230);
- SCAQMD, et al. v. NHTSA, EPA, et al., United States Court of Appeals, D.C. Circuit, Filed May 28, 2020;
- <u>Natural Resources Defense Council, et al. v. City of Los Angeles, et al.</u>, 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
- <u>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.</u>

CONFERENCE WITH LEGAL COUNSEL - INITIATING LITIGATION

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

CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

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

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

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

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

ACRONYMS

AQ-SPEC = Air Quality Sensor Performance Evaluation Center

AQIP = Air Quality Investment Program

AQMP = Air Quality Management Plan

AVR = Average Vehicle Ridership

BACT = Best Available Control Technology

BARCT = Best Available Retrofit Control Technology

Cal/EPA = California Environmental Protection Agency

CARB = California Air Resources Board

CEMS = Continuous Emissions Monitoring Systems

CEC = California Energy Commission

CEQA = California Environmental Quality Act

CE-CERT =College of Engineering-Center for Environmental

Research and Technology

CNG = Compressed Natural Gas

CO = Carbon Monoxide

DOE = Department of Energy

EV = Electric Vehicle

EV/BEV = Electric Vehicle/Battery Electric Vehicle

FY = Fiscal Year

GHG = Greenhouse Gas

HRA = Health Risk Assessment

LEV = Low Emission Vehicle

LNG = Liquefied Natural Gas

MATES = Multiple Air Toxics Exposure Study

MOU = Memorandum of Understanding

MSERCs = Mobile Source Emission Reduction Credits

MSRC = Mobile Source (Air Pollution Reduction) Review

Committee

NATTS = National Air Toxics Trends Station

NESHAPS = National Emission Standards for

Hazardous Air Pollutants NGV = Natural Gas Vehicle

NOx = Oxides of Nitrogen

NSPS = New Source Performance Standards

NSR = New Source Review

OEHHA = Office of Environmental Health Hazard

Assessment

PAMS = Photochemical Assessment Monitoring

Stations

PEV = Plug-In Electric Vehicle

PHEV = Plug-In Hybrid Electric Vehicle

PM10 = Particulate Matter ≤ 10 microns

PM2.5 = Particulate Matter ≤ 2.5 microns

RECLAIM=Regional Clean Air Incentives Market

RFP = Request for Proposals

RFQ = Request for Quotations

RFQQ=Request for Qualifications and Quotations

SCAG = Southern California Association of Governments

SIP = State Implementation Plan

SOx = Oxides of Sulfur

SOON = Surplus Off-Road Opt-In for NOx

SULEV = Super Ultra Low Emission Vehicle

TCM = Transportation Control Measure

ULEV = Ultra Low Emission Vehicle

U.S. EPA = United States Environmental Protection

Agency

VOC = Volatile Organic Compound

ZEV = Zero Emission Vehicle

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

<u>Instructions for Participating in a Virtual Meeting as an Attendee</u>

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.



BOARD MEETING DATE: May 6, 2022

AGENDA NO. 1

PROPOSAL: Comply with AB 361 Requirements to Allow South Coast AQMD

Board and South Coast AQMD Brown Act Committees to Meet

Remotely

SYNOPSIS: This action is to adopt the attached Resolution finding that the

Board: 1) has reconsidered the circumstances of the state of emergency; and 2) State or local officials continue to impose or recommend measures to promote social distancing. See California

Government Code Section 54953(e)(3).

COMMITTEE: No Committee Review

RECOMMENDED ACTIONS:

Adopt the attached Resolution finding that the Board:

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

Wayne Nastri Executive Officer

BTG:lal

Background

Governor Newsom previously issued Executive Orders (EOs) N-29-20 and N-35-2 in March 2020, as a response to the public health crisis brought about by the COVID-19 pandemic. These Executive Orders 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 California Government Code Section 54953(e)(1). Governor Newsom first declared a statewide emergency resulting from the COVID-19 pandemic on March 4, 2020. Furthermore, although the State no longer requires physical distancing, both South Coast AQMD and the Los Angeles County Department of Public Health, have recommended proposed social distancing measures.

Proposal

This action is to address the requirements of AB 361 to allow South Coast AQMD Board and South AQMD Brown Act Committees to continue to meet remotely. The recommended action is to adopt the attached Resolution finding that the Board: 1) has reconsidered the circumstances of the state of emergency; and 2) State or local officials continue to impose or recommend measures to promote social distancing. See California Government Code Section 54953(e)(3).

Resource Impacts

No fiscal impact.

Attachment

Resolution

ATTACHMENT

RESOLUTION 22-___

A RESOLUTION OF THE GOVERNING BOARD OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT 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 MAY 6, 2022 THROUGH JUNE 5, 2022 PURSUANT TO PROVISIONS OF THE BROWN ACT.

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

WHEREAS, pursuant to the provisions of the Brown Act, all meetings of legislative bodies of the South Coast AQMD, which include the South Coast AQMD Governing Board, all Brown Act standing committees ultimately reporting to the South Coast AQMD Governing Board, and all advisory committees and groups subject to the Brown act, (collectively, hereinafter, "legislative bodies"), are required to be open and public so that any member of the public may attend, participate, and watch the South Coast AQMD's legislative bodies conduct their business; and

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

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

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

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

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

- **WHEREAS**, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting would present imminent risks to the health and safety of attendees; and
- **WHEREAS**, local public authorities still recommend measures promoting social distancing and/or mask wearing indoors and in public gatherings; and
- **WHEREAS**, on April 21, 2022, the County of Los Angeles Department of Public Health issued further guidance promoting such measures; and
- **WHEREAS**, on June 23 and August 10, 2021, the South Coast AQMD issued further guidance promoting such measures; and
- **WHEREAS**, the spread of COVID-19 poses a continued risk to the health and safety of members of the South Coast AQMD legislative bodies, South Coast AQMD staff, and members of the general public who attend such meetings in that unvaccinated or partially vaccinated persons are at a high risk of contracting COVID-19 and even fully vaccinated persons can contract and potentially unknowingly spread COVID-19; and
- WHEREAS, the Governing Board of the South Coast AQMD does hereby find that the legislative bodies of the South Coast AQMD shall conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code §54953, as authorized by subdivision (e) of §54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of §54953; and
- **WHEREAS**, the legislative bodies of the South Coast AQMD will continue to ensure access to their meetings by making them available telephonically and via virtual access for both members of the legislative bodies and the general public; and
- WHEREAS, a notice of meetings along with information regarding all methods which may be used for public participation in such meetings will continue to be published in the newspaper, posted at the South Coast AQMD's headquarters, posted at any teleconference locations which are officially noticed on the agenda, posted on the South Coast AQMD's website, provided to anyone who requests such information, and clearly printed on any agendas produced for such meetings.
- **NOW, THEREFORE, BE IT RESOLVED,** that the Governing Board of the South Coast AQMD hereby finds that highly contagious nature of COVID-19 poses an imminent risk to large numbers of persons meeting indoors in a single location; and
- **BE IT FURTHER RESOLVED,** that the Governing Board of the South Coast AQMD hereby finds that the Governor of California issued a Proclamation of Emergency on March 4, 2020; and
- **BE IT FURTHER RESOLVED**, that the Governing Board of the South Coast AQMD hereby finds that local officials continue to impose or recommend measures to promote social distancing in the South Coast AQMD's jurisdiction and where the South Coast AQMD's headquarters is located; and

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

BE IT FURTHER RESOLVED, that this resolution shall take effect immediately upon adoption and remain in effect until June 5, 2022, or until such time as the South Coast AQMD Governing Board adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which legislative bodies of the South Coast AQMD may continue to teleconference without strict compliance with paragraph 3 of Government Code section 54953(b).

DATE:	
	CLERK OF THE BOARDS



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 2

PROPOSAL: Amend Section 30.4 of South Coast AQMD's Administrative Code

SYNOPSIS: This action is to amend Section 30.4 of South Coast AQMD's

Administrative Code to limit the terms of the Chair to two

consecutive two-year terms.

COMMITTEE: Administrative, April 8, 2022; Recommended for Approval

RECOMMENDED ACTION:

Adopt amendments to Administrative Code Section 30.4 as set forth in Exhibit B.

Wayne Nastri Executive Officer

BTG:lal

Background

South Coast AQMD's Administrative Code describes the responsibilities, conduct, and specified reimbursements of South Coast AQMD Board Members, Board Assistants and Consultants and employees.

Proposal

This action is to approve amendments to the provision of South Coast AQMD's Administrative Code that address the authorities and duties of the Chair and Vice Chair and proposes to limit the term of the Chair to two consecutive two-year terms. The current version of the Administrative Code is attached as Exhibit A. A draft version of the policy with the proposed changes to the Administrative Code is attached as Exhibit B.

Resource Impact

No fiscal impact.

Attachment

Exhibit B, Draft Amended Administrative Code Section 30.4

ATTACHMENT B PROPOSED AMENDED ADMINISTRATIVE CODE 30.4

Section 30 — SCAQMD's Governing Board Meeting Procedures

30.1 Index

30.2 General

30.3 Placement of Items on the Board Agenda

30.4 Authorities, and Duties, and Term Limits of the Chair

30.5 Receipt of Public Testimony

30.6 Changes to Text of Proposed Items

30.7 Motions

30.8 Voting

30.9 Reconsideration or Amendment of Completed Agenda Items

30.10 Continuance Upon Lack of Action

30.11 Prohibition of Megaphones, Large Signs, and Sticks

Section 30.4 — Authorities, and Duties, and Term Limits of the Chair

Health and Safety Code Section 40425 states that, "the south coast district board shall elect a chairperson every two years from its members." The Chair shall preside over meetings of the Board and shall possess the authorities and perform the duties specified in this subdivision, subject to the right of appeal to the Board pursuant to subparagraph (e)(2)(D). In the absence of the Chair, the Vice Chair shall exercise the authorities and duties of the Chair. The Chair shall not preside for more than two consecutive two-year terms as Chair. A partial term shall not be counted as part of the term limit if it precedes the two consecutive two-year terms. Any revision to the number of two-year terms that the Chair can preside over shall require the affirmative votes of a majority of the members of the Board. The authorities and duties of the Chair are as follows:

- (1) call the meeting to order;
- (2) preserve order and decorum;
- (3) consistent with paragraph (d)(2), limit the amount of time that a person may address the Board during public testimony in order to accommodate those persons desiring to speak and to facilitate the business of the Board;
- (4) recognize members who are entitled to the floor;
- (5) state and put to vote all motions that are properly made, or, if a motion is not in order, to rule it out of order;
- (6) decide all questions of order;
- (7) schedule recesses and take other actions to endeavor to assure the presence of a quorum in the Board room at all times during a meeting;

- (8) declare the meeting adjourned when the Board so votes, or if less than a quorum is present, on the Chair's own initiative; and
- (9) designate an acting Chair to preside at the Board meeting in the absence of the Chair and Vice Chair.



BOARD MEETING DATE: MAY 6, 2022 AGENDA NO. 3

MINUTES: Governing Board Monthly Meeting

SYNOPSIS: Attached are the Minutes of the April 1, 2022 Board Meeting.

RECOMMENDED ACTION:

Approve Minutes of the April 1, 2022 Board Meeting.

Faye Thomas Clerk of the Boards

FT:cmw

FRIDAY, APRIL 1, 2022

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 videoconferencing and telephone. Members present:

Mayor Ben J. Benoit, Chair Cities of Riverside County

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

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

Supervisor Andrew Do County of Orange

Gideon Kracov Governor's Appointee

Supervisor Sheila Kuehl County of Los Angeles

Mayor Larry McCallon
Cities of San Bernardino County

Veronica Padilla-Campos Speaker of the Assembly Appointee

Supervisor V. Manuel Perez County of Riverside

Council Member Nithya Raman City of Los Angeles

Mayor Carlos Rodriguez Cities of Orange County

Supervisor Janice Rutherford County of San Bernardino

Member absent:

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

CALL TO ORDER: Chair Benoit called the meeting to order at 9:05 a.m.

- Pledge of Allegiance: Led by Mayor McCallon
- Roll Call

Supervisor Perez and Council Member Raman were absent for roll call. Supervisor Perez joined the meeting at approximately 9:05 a.m. and Council Member Raman joined the meeting at approximately 9:10 a.m.

For additional details of the Governing Board Meeting, please refer to the Webcast at: Live Webcast (aqmd.gov)

Opening Comments

Chair Benoit encouraged in-person attendance at the May 6, 2022 Board meeting, noting that an advanced clean technology showcase is scheduled to be held after the meeting.

Mayor Cacciotti shared photos of an event at the Glendale Sports complex where the Graze fully automated robotic electric mower was being tested, noting that the City of Glendale is committed to transitioning to electric lawn and garden equipment for their parks. He inquired about the Southern California Edison (SCE) and South Coast AQMD rebates and incentives for consumers to replace gas-fired furnaces with full electric heat pumps. He also requested information about the cost to purchase and install electric heat pump systems.

Mike Krause, Asst. DEO/Planning, Rule Development & Implementation, discussed the South Coast AQMD's Clean Air Furnace Rebate of which the Board has approved the use of mitigation fees of \$3.5 million dollars generated by this program, and highlighted a set aside for disadvantaged and low-income areas. Dr. Aaron Katzenstein, Asst. DEO/Science & Technology Advancement, explained how heat pumps work and generally discussed the installation and costs. For additional details, please refer to the Webcast beginning at 14:13.

Chair Benoit also highlighted considerations for electric heat pumps such as space and electrical needs. He noted that SCE is working on offering funds to homeowners to upgrade their electrical service panel for additional power capacity. Mayor Cacciotti recommended that staff work with Southern California Edison to provide outreach and educate people about electric heat pump systems and available incentive programs.

Board Member Padilla-Campos commented on the success of the Cesar Chavez Day of Remembrance event held on March 26, 2022 in Los Angeles. She suggested that next year's event highlight and possibly offer a stipend to local community leaders for their work in the community.

Mr. Nastri announced that staff recommended pulling Agenda Item No. 25 for Proposed Rule 1147 due to a discrepancy with the Socioeconomic Analysis, and that public comments would still be taken on this item during the Public Comment Period.

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

Jan Victor Andasan, East Yard Communities for Environmental Justice (EYCEJ) and Carson resident (Submitted Written Comments)

Whitney Amaya, EYCEJ and Long Beach resident

Fernando Gaytan, Earthjustice, (Submitted Written Comments)

Kartik Raj, Earthjustice

Oscar Espino-Padron, Earthjustice

Paola Dela Cruz, EYCEJ

Laura Cortez, Southeast Los Angeles Community Steering Committee member and Bell Gardens resident

Maria Reyes, a member of the public (aided by Spanish translator)

These commenters raised concerns about recent flaring events at the refineries and emphasized the need to hold refineries accountable for emitting dangerous pollutants into frontline communities. They emphasized the importance to take enforcement action under Rule 1173 – Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants, and Rule 1176 – VOC Emissions from Wastewater Systems, meet rulemaking timelines committed to under the AB 617 Community Emission Reduction Plans, and update the Hearing Board procedures used to issue variances. They urged the Board to direct staff to provide an update regarding the status of enforcement actions and to address outstanding violations under Rules 1173 and 1176, including enforcement actions against Phillips 66 refinery. Some commenters emphasized the need for the rail and port ISR and expressed concern with the limited staffing resources in the South Coast AQMD's proposed FY 2022-23 Budget allocated for rule development and enforcement.

Duncan McKee, Avocado Heights Resident, expressed concerns with the CEQA process, public comment/input process and technical information provided by South Coast AQMD staff regarding Quemetco, Inc. He emphasized the need to continue to keep Quemetco's expansion request on the radar, and suggested having a community group work with staff, and possibly Board member participation, to hear from the community's perspective.

Ranji George, a member of the public, expressed disappointment that enough is not being done to install more hydrogen stations, and that significant funding has been given toward natural gas technology. He emphasized the need to encourage and fund battery electric and hydrogen fuel cell technologies to meet air quality and climate change goals.

Elena Villanueva Bernal, Cal State University Long Beach faculty member, and 69th State Assembly District delegate, commented on data reported for VOC and benzene production emissions from the Phillips 66 refinery. She emphasized the need for enforcement of rules and transparency for the public to access this type of data.

Jessica Craven, Northeast Los Angeles Climate Collective, Los Angeles Democratic Party elected member, and California Democratic Party Environmental Caucus, expressed frustration with the lack of urgency to address the climate crisis and protect public health.

Mark Abramowitz, Community Environmental Services, commented on the white paper where Earthjustice outlined their concerns with the procedures used by the Hearing Board for issuing variances. He expressed concern that the Hearing Board places the authority to address concerns regarding variances and alternative operating conditions for Title Five facilities on the Governing Board. He added that the Hearing Board has the authority to address procedures and forms used for variances to ensure facilities are not creating a nuisance, and that the Hearing Board can focus on health impacts to community members and cumulative risks. He emphasized the importance for the Governing Board to take care in appointing Hearing Board members

Chris Chavez, Coalition for Clean Air and West Long Beach resident, commented on complaints reported recently regarding an odor event stemming from a release at a plastics plant in Compton that affected West Long Beach. He emphasized the need to enforce rules, address air toxics and cumulative impacts from emissions, and for strong ISRs for the ports and railyards.

Harvey Eder, Public Solar Power Coalition, expressed frustration that the benefits of solar energy have not been evaluated and commented on the effects of climate change on the Arctic.

Bethmarie Quiambao, Southern California Edison and San Bernardino/Muscoy Community Steering Committee member, expressed commitment to continue working with South Coast AQMD staff to identify ways to work together to accelerate the electrification of buildings to reduce air quality emissions to meet national ambient air quality standards and reduce GHG emissions to meet the state's goals. She shared that SCE hopes to have more electric heat pump incentives in the future.

Terrence Mann, DEO/Compliance & Enforcement, described enforcement strategies and equipment used to conduct surveillance, and monitor emissions and activities at the refineries. For additional details, please refer to the Webcast beginning at 1:17.

In response to Mayor Cacciotti's inquiry about the average response time to complaints, Mr. Mann stated that the response time varies. He added that since inspectors are assigned to facilities within a geographic area near to work or home, it improves response time, but there may be resource limitations that may affect response to off-hour complaints.

Jason Low, Asst DEO/Science & Technology Advancement, discussed key elements required by Rule 1180 – Refinery Fenceline and Community Air Monitoring, regarding fenceline monitoring at refineries and the public data portal that notifies the community if certain pollutants exceed pre-determined health-based threshold levels. For additional details, please refer to the <u>Webcast</u> beginning at 1:22.

Mr. Nastri addressed concerns regarding allocation of staffing in the proposed budget for FY 2022-23, noting significant investment in enforcement, engineering and the planning process. He commented on the reduction in the workforce due to a large number of retirements and the challenges faced in recruiting new talent to manage the various programs and processes. He emphasized that the Hearing Board operates independently of the Governing Board and that some of the concerns regarding the Hearing Board must be done through the legislature. However, the Governing Board could choose to consider reviewing the Hearing Board procedures to get a better understanding of concerns raised by public commenters. For additional details, please refer to the Webcast beginning at 1:24.

Bayron Gilchrist, General Counsel, informed the Board that the Administrative Committee is scheduled to conduct interviews on April 8 for the appointment of three Hearing Board members, which gives the Committee an opportunity to address issues regarding the Hearing Board.

Board member Padilla-Campos emphasized the need to hold refineries accountable and asked for an estimated date on when working group meetings will begin for Rules 1173 and 1176.

Mr. Nastri responded that staff have estimated that rule development for these rules will begin in 2023. He explained that Rules 1173 and 1176 focus on requirements for control of VOC emissions and suggested providing further information for the Board's consideration on rule development on other rules that may have more of an impact on VOC emission reductions. He emphasized that the priority for staff is to focus on the significant NOx emission reductions needed to meet ozone standards, noting that further information on the technical aspects of NOx and VOC emissions will be presented to the Board at a later date. For additional details, please refer to the Webcast beginning at 1:28.

Vice Chair Delgado inquired about rules listed on the Rule Forecast Report with no specific month for rulemaking.

Susan Nakamura, Chief Operating Officer, explained that in order to bring a rule forward for rulemaking this year it must have been placed on the schedule by the first of the year, therefore, rules listed under the "To Be Determined" designation are placeholders in the event rulemaking action is needed.

Written Comment Letter Regarding Rendering Plant Odors in Southeast Los Angeles Communities Submitted by South Coast AQMD's Environmental Justice Advisory Group (EJAG)

Written Comment Letter Submitted Regarding the Lack of Petroleum Refinery Accountability

One letter signed by the following organizations: Earthjustice, East Yard Communities for Environmental Justice and Communities for a Better Environment

CONSENT AND BOARD CALENDAR

<u>Items 1 through 3 – Action Items/No Fiscal Impact</u>

- Comply with AB 361 Requirements to Allow South Coast AQMD Board and South Coast AQMD Brown Act Committees to Continue to Meet Remotely
- 2. Approve Minutes of March 4, 2022 Board Meeting
- 3. Set Public Hearing May 6, 2022 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations:

Adopt Executive Officer's FY 2022-23 Proposed Goals and Priority Objectives, and Proposed Budget; Determine That Proposed Amendments to Regulation III – Fees and Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants, Are Exempt from CEQA; and Amend Regulation III and Rule 1480

Items 4 through 9 -- Budget/Fiscal Impact

- Recognize Revenue, Appropriate and Transfer Funds for Air Monitoring Programs, Issue Solicitations and Purchase Orders for Air Monitoring Equipment and One Vehicle
- Adopt Resolution Recognizing Funds, Issue Program Announcements and Execute or Amend Contracts for Clean Heavy-Duty Vehicles and Advanced Technology Goods Movement Equipment
- 6. Transfer Funds for Development of Carl Moyer Program Grant Management System
- 7. Remove Various Fixed Assets from South Coast AQMD Inventory
- 8. Amend Contracts to Provide Short- and Long-Term Systems Development, Maintenance and Support Services
- 9. Approve Contract Modification as Approved by MSRC

<u>Items 10 through 15 – Information Only/Receive and File</u>

- 10. Legislative, Public Affairs and Media Report
- 11. Hearing Board Report
- 12. Civil Filings and Civil Penalties Report
- 13. Lead Agency Projects and Environmental Documents Received
- 14. Rule and Control Measure Forecast
- 15. Status Report on Major Ongoing and Upcoming Projects for Information Management

<u>Item 16 -- Staff Presentation/Board Discussion/Receive and File</u>

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

NO ACTION REQUIRED

Items 17 through 23 -- Reports for Committees and CARB

- 17. Administrative Committee
- 18. Legislative Committee
- 19. Mobile Source Committee
- 20. Stationary Source Committee
- 21. Technology Committee
- 22. Mobile Source Air Pollution Reduction Review Committee
- 23. California Air Resources Board Monthly Report

24. Item Deferred from Consent and Board Calendar

Agenda Item No. 1 was pulled for comment and discussion.

Public comment was opened for Agenda Item Nos. 2-23

There were no public comments.

Disclosures:

Mr. Gilchrist announced that Board Member Kracov does not have a financial interest in Agenda Item Nos. 5 and 6 but would like to identify for the record that he is a Board Member of CARB, which is involved in these items.

MOVED BY DELGADO, SECONDED BY CACCIOTTI, AGENDA ITEMS 2 THROUGH 23. APPROVED AS RECOMMENDED: AND TO 22-13, ADOPT RESOLUTION NO. RECOGNIZING THE PROCLAMATION OF A STATE OF EMERGENCY BY GOVENOR NEWSOM ON MARCH 4, 2020 AND THAT THE COUNTY OF LOS ANGELES CONTINUES TO RECOMMEND MEASURES TO PROMOTE SOCIAL DISTANCING; AND **AUTHORIZING FULLY** OR **PARTIALLY** TELECONFERENCE MEETINGS REMOTE 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 APRIL 1, 2022 THROUGH MAY 1, 2022 PURSUANT TO PROVISIONS OF THE BROWN ACT; AND TO ADOPT RESOLUTION NO. 22-14. RECOGNIZING FUNDS AND ACCEPTING THE TERMS AND CONDITIONS OF THE FY 2021-22 SENATE BILL 129. STATE GENERAL FUNDS FOR EXTREME NONATTAINMENT, AND TO RECEIVE AND FILE THE COMMITTEE, MSRC AND CARB **REPORTS: APPROVE** AND TO THE **LEGISLATIVE** COMMITTEE'S RECOMMENDATION ON LEGISLATION AS SET FORTH BELOW, BY THE FOLLOWING VOTE:

AYES: Benoit, Cacciotti, Delgado,

Do, Kracov, Kuehl, McCallon, Padilla-Campos, Perez, Raman,

Support

and Rodriguez

NOES: None

ABSENT: Richardson and Rutherford

LEGISLATIVE COMMITTEE'S RECOMMENDATION

Agenda Item Recommendation

AB 1897 (Wick)
Nonvehicular air pollution control:

refineries: penalties

Chair Benoit noted that there have been no major changes to report on the budget and economic outlook, (Agenda Item No. 16), and directed staff to bring the item to the Administrative Committee as needed, adding that it is no longer necessary to provide the monthly presentation to the Board, unless there is a willingness of the Board to continue with the reporting.

<u>Item Pulled for Comment and Discussion</u>

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

Mayor McCallon stated that he could not make the findings required by AB 361 to continue with remote meetings and would not be voting to approve the Resolution. He emphasized the importance of in-person meetings and noted that the Brown Act has provisions that allow for meeting remotely.

Supervisor Kuehl clarified that the findings for AB 361 can be made because the Governor's proclamation for the state of emergency in response to the COVID-19 pandemic remains in effect and Los Angeles County, where the South Coast AQMD is located, continues to impose or recommend measures to promote social distancing. She added that the Los Angeles County Board of Supervisors will resume meeting in person beginning on April 5, 2022, but the public will continue to participate remotely.

Chair Benoit acknowledged the practicality of holding committee meetings remotely but agreed that things can go back to following the posting and public access requirements of the Brown Act by listing remote locations on the agenda.

Supervisor Kuehl commented on the latest variant of COVID-19 and noted that the public may have concerns about attending meetings in-person, therefore, she would be voting in support of adopting the Resolution.

Mr. Gilchrist clarified that the staff recommendation to adopt the Resolution is appropriate because the two key findings under AB 361 have been met.

In response to Chair Benoit's question about whether adopting the Resolution would affect the ability of the public to provide comments remotely, Mr. Gilchrist responded that it does not preclude the public from participating remotely.

Senator Delgado acknowledged the value of meeting in-person but suggested moving forward with meeting remotely for the short term.

MOVED BY DELGADO, SECONDED BY KUEHL, AGENDA ITEM 1, APPROVED AS RECOMMENDED, BY THE FOLLOWING VOTE:

AYES: Benoit, Cacciotti, Delgado,

Do, Kracov, Kuehl, Padilla-Campos, Perez, Raman and

Rodriguez

NOES: McCallon

ABSENT: Richardson and Rutherford

PUBLIC HEARINGS

25. Determine That Proposed Amendments to Rule 1147 - NOx Reductions from Miscellaneous Sources, Are Exempt from CEQA; and Amend Rule 1147

This item was pulled by staff and moved to the May 6, 2022 Board meeting. (No action was required)

 Determine That Proposed Rule 1147.2 – NOx Reductions from Metal Melting and Heating Furnaces, Is Exempt from CEQA and Adopt Rule 1147.2

Michael Morris, Planning and Rules Manager, gave the staff presentation on Item No. 26.

In response to Mayor Cacciotti's inquiry about whether the entities listed on the Key Contact List, (Attachment D of the board letter), are metal recycling facilities, Mr. Morris responded that only one facility, CMC Gerdau, did metal recycling but ceased operations about two years ago. The other facilities are not typical recycling facilities, but scraps from machine shops can be remelted and the product reused.

The public hearing was opened, and the following individual addressed the Board on Item 26.

Harvey Eder emphasized the need to evaluate solar energy for BARCT and the AQMP. He also highlighted the need for redistribution of equity.

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

MOVED BY MCCALLON **SECONDED** BY CACCIOTTI, AGENDA ITEM NO. 26 APPROVED AS RECOMMENDED. ADOPTING RESOLUTION NO. DETERMINING THAT PROPOSED AMENDED RULE 1147.2 - NOx REDUCTIONS FROM METAL MELTING AND HEATING FURNACES IS EXEMPT FROM THE REQUIREMENTS OF CEQA AND ADOPTING RULE 1147.2 – NOx REDUCTIONS FROM METAL MELTING AND HEATING FURNACES, BY THE FOLLOWING VOTE:

AYES: Benoit, Cacciotti, Delgado,

Do, Kracov, Kuehl, McCallon, Padilla-Campos, Perez, Raman,

and Rodriguez

NOES: None

ABSENT: Richardson and Rutherford

CLOSED SESSION

The Board recessed to closed session at 10:50 a.m., pursuant to Government Code sections:

CONFERENCE WITH LEGAL COUNSEL - INITIATING LITIGATION

• 54956.9(a) and 54956.9(d)(4) to consider initiation of litigation (two cases).

Following closed session, Bayron Gilchrist, General Counsel, announced that a report of any reportable actions taken in closed session will be filed with the Clerk of the Board's office and made available to the public upon request.

ADJOURNMENT

There being no further business, the meeting was adjourned by Mr. Gilchrist at 12:25 p.m.

A Special Governing Board meeting was scheduled to be held on Friday, April 8, 2022, at 11:00 a.m., (immediately following the South Coast AQMD Administrative Committee meeting but not before 11:00 a.m.).

The foregoing is a true statement of the proceedings held by the South Coast Air Quality Management District Board on April 1, 2022.

	Respectfully Submitted,
	Faye Thomas Clerk of the Boards
Date Minutes Approved:	
Ben J. Benoit, Chair	

ACRONYMS

AQMP = Air Quality Management Plan

CARB = California Air Resources Board

CEQA = California Environmental Quality Act

FY = Fiscal Year

MSRC = Mobile Source (Air Pollution Reduction) Review Committee

NOx = Oxides of Nitrogen

U.S. EPA = United States Environmental Protection Agency

VOC = Volatile Organic Compound



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 4

PROPOSAL:

Set Public Hearing June 3, 2022 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations:

Determine That Proposed Rule 403.2 – Fugitive Dust from Large Roadway Projects, Is Exempt from CEQA; and Adopt Rule 403.2 Proposed Rule 403.2 (PR 403.2) reduces potential fugitive dust impacts to communities near large roadway projects. PR 403.2 would prohibit certain large roadway project activities that generate dust and are in close proximity to sensitive receptors and areas of public exposure. PR 403.2 would also include additional requirements to control dust, notification to nearby receptors, project signage, and recordkeeping. This action is to adopt the Resolution:

1) Determining that Proposed Rule 403.2 – Fugitive Dust Emissions from Large Roadway Projects, is exempt from the requirements of the California Environmental Quality Act; and 2) Adopt Rule 403.2 – Fugitive Dust Emissions from Large Roadway Projects. (Reviewed: Stationary Source Committee, March 18 and April 15, 2022)

The complete text of the proposed rule, staff report and other supporting documents will be available from the South Coast AQMD's Public Information Center 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 May 4, 2022.

RECOMMENDED ACTION:

Set public hearing June 3, 2022 to determine that Proposed Rule 403.2 – Fugitive Dust from Large Roadway Projects, is exempt from CEQA; and adopt Rule 403.2

Wayne Nastri Executive Officer



BOARD MEETING DATE: May 6, 2022

AGENDA NO. 5

PROPOSAL: Recognize Revenue, Execute Contracts for Cleaner Freight

California and Reimburse General Fund

SYNOPSIS: South Coast AQMD has been awarded up to \$2,349,995 from

U.S. EPA to replace diesel cargo handling equipment with

innovative zero-emission electric alternatives. These actions are to recognize revenue, upon receipt, of up to \$2,349,995 from the

U.S. EPA FY21 Clean Diesel Funding Assistance Program into the Advanced Technology, Outreach and Education Fund (17) for electrification of cargo handling equipment. These actions are to also execute contracts with 1) Albertsons Companies to replace diesel yard hostlers with zero-emission, all-electric hostlers in an amount not to exceed \$1,314,879, 2) McLane Company to replace diesel yard tractors with zero-emission, all-electric yard hostlers in an amount not to exceed \$730,489, 3) Long Beach Container Terminal to replace intermodal cargo handling equipment with

zero-emission, all-electric units in an amount not to exceed \$180,000 from the Advanced Technology, Outreach and Education Fund (17); and 4) reimburse the General Fund up to \$124,627 from the Advanced Technology, Outreach and Education Fund (17) for

staff administrative costs.

COMMITTEE: Technology, April 15, 2022; Recommended for Approval

RECOMMENDED ACTIONS:

- 1. Recognize revenue, upon receipt, of up to \$2,349,995 from the U.S. EPA FY21 Clean Diesel Funding Assistance Program into the Advanced Technology, Outreach and Education Fund (17) for electrification of cargo handling equipment.
- 2. Authorize the Chair (or by the Chair's designation, the Executive Officer) to execute contracts from the Advanced Technology, Outreach and Education Fund (17) as follows:
 - a. Albertsons Companies to replace diesel yard hostlers with zero-emission, allelectric hostlers in an amount not to exceed \$1,314,879;
 - b. McLane Company to replace diesel yard tractors with zero-emission, all-electric yard hostler in an amount not to exceed \$730,489; and
 - c. Long Beach Container Terminal to replace intermodal cargo handling equipment with zero-emission, all-electric units in an amount not to exceed \$180,000.

3. Reimburse the General Fund up to \$124,627 from the Advanced Technology, Outreach and Education Fund (17) for staff administrative costs.

Wayne Nastri Executive Officer

MMM:AK:SH

Background

The 2016 AQMP identifies the need for NOx reductions in order to meet upcoming national ambient air quality standard attainment deadlines. Mobile sources are major contributors of NOx emissions with adverse impact on public health in the South Coast Air Basin, particularly in Environmental Justice communities. Significant increases in NOx, PM and GHG emissions from these sources are expected due to increased goods movement activities. In order to mitigate these emissions, South Coast AQMD strongly supports various pathways to accelerated deployment of zero and near-zero emission technologies, including electrification of cargo handling equipment.

In 2021, staff submitted a proposal to the U.S. EPA for Diesel Emission Reduction Act (DERA) grants for electrification of cargo handling equipment in southern California. Diesel exhaust contains particulate matter that is carcinogenic along with being a significant source of NOx emissions. U.S. EPA ultimately awarded the South Coast AQMD \$2,349,995 in funding for its zero-emission cargo handling proposal.

Proposal

Albertsons, McLane, and Long Beach Container Terminal (LBCT) currently own and operate the respective diesel-powered units proposed for scrappage and replacement with new zero-emission electric variants. New electric units will be supported with chargers and pedestals funded under this project. Long-term emission reductions of 14 tons of PM2.5 and 166 tons of NOx can be expected from the old equipment replaced.

Zero-Emission Yard Hostlers at Albertsons' Distribution Center

Albertsons will replace nine (9) diesel yard hostlers with all-electric hostlers at three distribution centers in Irvine, Brea, and Tracy, California.

Zero-Emission Yard Hostlers at McLane's Distribution Center

McLane will scrap and replace five (5) eligible diesel yard tractors with new, eligible, zero-emission electric hostlers.

<u>Zero-Emission Intermodal Box Connector Carts (IBC carts) at Port of Long Beach</u> LBCT will scrap and replace five (5) eligible IBC carts with new, eligible, zero-emission electric IBC carts at the LBCT.

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 Albertsons, McLane, and LBCT 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. This request for sole source awards is also made under Section VIII.B.2.d.1, which states that other circumstances, such as projects involving cost sharing by multiple sponsors, may justify a sole source award.

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 bus deployment, and lawn and garden equipment replacement help reduce ozone and PM2.5 emissions. This project will result in annual emission reductions of 1.1 tons of PM2.5 and 12 tons of NOx. The project supports the *Technology Advancement Office Clean Fuel Program 2022 Plan Update* under the categories of "Electric/Hybrid Vehicle Technologies and Infrastructure".

Resource Impacts

The U.S. EPA FY21 DERA Grant award of \$2,349,995 will be used towards the electrification of cargo handling equipment in Southern California. Costs include \$2,225,368 for project costs and \$124,627 for South Coast AQMD staff administrative costs. The proposed total project budget of \$4,945,268 includes \$2,225,368 from U.S. EPA and \$2,719,900 in cost-share from Albertsons, McLane and LBCT.

Zero-Emission Yard Hostlers at Albertsons' Distribution Center

The contract with Albertsons to replace nine (9) diesel yard hostlers with all-electric hostlers will not exceed \$1,314,879 from the Advanced Technology, Outreach and Education Fund (17). The proposed project budget is \$2,921,958, which includes \$1,314,879 from U.S. EPA and \$1,607,079 in cost-share from Albertsons.

Funding Source	Funding Amount	Percent
U.S. EPA FY21 DERA	\$1,314,879	45
Albertsons	\$1,607,079	55
Total	\$2,921,958	100

Zero-Emission Yard Hostlers at McLane's Distribution Center

The contract with McLane to replace five (5) diesel yard tractors with all-electric hostlers will not exceed \$730,489 from the Advanced Technology, Outreach and Education Fund (17). The proposed project budget is \$1,623,310, which includes \$730,489 from U.S. EPA and \$892,821 in cost-share from McLane.

Funding Source	Funding Amount	Percent
U.S. EPA FY21 DERA	\$730,489	45
McLane	\$892,821	55
Total	\$1,623,310	100

Zero-Emission IBC Carts at Port of Long Beach

The contract with LBCT to replace five IBC carts with zero-emission IBC carts will not exceed \$180,000 from the Advanced Technology, Outreach and Education Fund (17). The proposed project budget is \$400,000, which includes \$180,000 from U.S. EPA and \$220,000 in cost-share from LBCT.

Funding Source	Funding Amount	Percent
U.S. EPA FY21 DERA	\$180,000	45
LBCT	\$220,000	55
Total	\$400,000	100

Sufficient funds will be available to execute contracts from the Advanced Technology, Outreach and Education Fund (17) once U.S. EPA 2021 DERA funds are recognized.



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 6

PROPOSAL: Release RFP, Issue RFQs and Execute Purchase Orders and

Contracts to Purchase and Deploy Portable Air Cleaners at Wildfire

Smoke Clean Air Centers

SYNOPSIS: AB 836 provided \$5 million in statewide funding to create Wildfire

Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program to upgrade ventilation systems and deploy portable air cleaners for residents displaced by wildfires and other smoke events. In September 2021, the Board approved release of an RFP and execution of contracts. No applications were received and staff received feedback from an interested organization that they do not have the administrative capability to purchase portable air cleaners and then seek reimbursement under a contract. These actions are to:

1) release RFP #P2022-10 to solicit organizations to deploy

portable air cleaners at Wildfire Smoke Clean Air Centers; 2) issue RFQs to solicit quotations and subsequently execute purchase orders for portable air cleaners along with replacement filters in an amount up to \$231,250 from the Air Filtration Fund (75); and 3) execute contract(s) with organizations to deploy portable air

cleaners at Wildfire Smoke Clean Air Centers.

COMMITTEE: Technology, April 15, 2022; Recommended for Approval

RECOMMENDED ACTIONS:

- 1. Release RFP #P2022-10 to solicit organizations to receive portable air cleaners and replacement filters purchased by the South Coast AQMD to deploy at their Wildfire Smoke Clean Air Centers:
- 2. Authorize the Executive Officer to issue RFQs and subsequent to receiving responsive quotations execute purchase orders, in accordance with the South Coast AQMD Procurement Policy & Procedures, for eligible CARB-certified portable air cleaners and replacement filters for Wildfire Smoke Clean Air Centers in an amount up to \$231,250 from the Air Filtration Fund (75); and

3. Authorize the Chair (or by the Chair's designation, the Executive Officer) to execute contract(s) with organizations to deploy portable air cleaners and replacement filters at Wildfire Smoke Clean Air Centers from the Air Filtration Fund (75).

Wayne Nastri Executive Officer

MMM:AK:PSK

Background

AB 836 provided \$5 million in statewide funding to create a Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program to upgrade ventilation systems and provide portable air cleaners to create a network of Wildfire Smoke Clean Air Centers (Centers) for residents displaced by wildfires and other smoke events. In 2020 California had one of the most devasting wildfire seasons on record with over 4 million acres burned and 10,000 structures damaged or destroyed. In June 2021, CARB hosted two workshops to present draft guidelines developed pursuant to AB 836 to allow air districts in California to begin implementing their own incentive pilot programs. CARB finalized AB 836 guidelines and grant agreements for air districts in July 2021. In September 2021, the Board approved release of an RFP and execution of contracts. No applications were received, and staff received feedback from an interested organization that they do not have the administrative capability to purchase portable air cleaners and then seek reimbursement under a contract.

Proposal

Staff proposes to issue a revised RFP #P2022-10 to identify organizations to deploy portable air cleaners and replacement filters at Wildfire Smoke Clean Air Centers in the South Coast Air Basin. South Coast AQMD will work with organizations selected through the RFP process to issue RFQs to solicit quotations and subsequently execute purchase orders with manufacturers or dealers to procure portable air cleaners and replacement filters for the selected organizations. These organizations will determine which portable air cleaners and replacement filters are needed depending on the room specifications of the facilities where they will be deployed. This will allow organizations to use portable air cleaners and replacement filters in their deployment plans for the 2022 fire season. A listing of eligible CARB-certified portable air cleaners and their specifications (including weight, dimensions, cubic feet per minute, area covered per cleaner, noise level, required filters) is included in RFP #P2022-10 and posted on South Coast AQMD's AB 836 Wildfire Smoke Clean Air Centers webpage to assist Centers in developing their deployment plans. South Coast AQMD's AB 836 webpage will include information for organizations on submitting an online grant

application and online reporting required by CARB for the AB 836 program. The proposed schedule is as follows:

Date	Event
May 6, 2022	RFP Released
June 7, 2022	Online Applications Due (1:00pm)
June 8 -14, 2022	Evaluation of Applications
June 17, 2022	Post Selected Organizations on South Coast AQMD
	AB 836 Website
July 1, 2022	Execute Contracts with Selected Organizations
July - August 2022	Issue RFQs to Solicit Quotes, Execute Purchase
	Orders for Portable Air Cleaners
September - November	Deploy Portable Air Cleaners at Centers
2022	
July 2022 – 2025	Annual Reports
July 2026	Final Report

These actions are to: 1) release RFP #P2022-10 to solicit organizations to deploy portable air cleaners and replacement filters at Wildfire Smoke Clean Air Centers; 2) authorize Executive Officer issue RFQs and subsequent to receipt of responsive quotations, execute purchase orders, in accordance with the South Coast AQMD Procurement Policy and Procedure, for eligible CARB-certified portable air cleaners and replacement filters for Wildfire Smoke Clean Air Centers in an amount up to \$231,250 from the Air Filtration Fund (75); and 3) authorize Chair to execute contract(s) with organizations to deploy portable air cleaners and replacement filters at Wildfire Smoke Clean Air Centers from the Air Filtration Fund (75).

Bid Evaluation

Organizations will be selected based on the criteria in the RFP, primarily their ability to deploy portable air cleaners and set up a network of Wildfire Smoke Clean Air Centers throughout the South Coast AQMD jurisdiction. Multiple organizations may be selected. The panel will make recommendations to the Executive Officer for final selection of organizations. Applications will be evaluated by a panel of three South Coast AQMD staff members familiar with the subject matter of the project. The applications will be evaluated and scored by the panel in accordance with established South Coast AQMD guidelines.

Outreach

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

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

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

Benefits to South Coast AQMD

This project will reduce exposure to criteria and toxic pollutants, ultrafine PM and VOCs for vulnerable populations exposed to wildfire and smoke events. Health studies have determined that fine and ultrafine PM, including diesel PM, present the greatest air pollution health risk to vulnerable populations in Southern California.

Resource Impacts

In September 2021, the Board approved receipt of CARB funding of \$250,000 into the Air Filtration Fund (75) to create a South Coast AQMD Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program. Purchase orders for portable air cleaners and replacement filters will not exceed \$231,500 from the Air Filtration Fund (75). Contract(s) with organizations to deploy purchased portable air cleaners and replacement filters at Centers will not have funding attached. Administrative costs to implement this program will not exceed \$18,750 and will be provided by CARB.

Attachment

RFP #P2022-10 - Deployment of Portable Air Cleaners in Wildfire Smoke Clean Air Centers

South Coast AQMD

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

REQUEST FOR PROPOSALS

Deployment of Portable Air Cleaners in Wildfire Smoke Clean Air Centers

#P2022-10

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

The purpose of this Request for Proposals (RFP) is to obtain proposals from qualified organizations to deploy portable air cleaners and replacement filters at Wildfire Smoke Clean Air Centers (Centers) to create a Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program. Funding to establish Centers is through Assembly Bill 836, which provided funding statewide to air districts to upgrade ventilation systems or provide portable air cleaners to create a network of Centers. Under this program South Coast AQMD will purchase portable air cleaners and replacement filters from manufacturers or dealers utilizing AB 836 funding of \$231,250 and provide portable air cleaners and replacement filters to organizations that have the capability to deploy at Centers in the South Coast Air Basin. If an organization covers multiple areas provide the geographical area where Centers may be deployed. Selected organizations will determine which portable air cleaners and replacement filters are needed depending on the room specifications of the facilities where they will be deployed.

Centers will provide vulnerable populations a respite from wildfires and other smoke events. Based on past historical wildfire and smoke events, there could be up to 5-8 active Centers in the South Coast Air Basin during the active wildfire season, typically between July – November each year.

INDEX - The following sections are contained in this RFP:

Section I Background/Information Section II Contact Person

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 Sample Contract

Attachment A - Participation in the Procurement Process

Attachment B - Certifications and Representations

SECTION I: BACKGROUND/INFORMATION

Due to the temporary nature of Centers deployed to serve vulnerable populations for wildfire and smoke events, South Coast AQMD staff have determined that the deployment of portable air cleaners represents the best use of available funding and will best serve the needs of vulnerable populations and intended purpose of AB 836. South Coast AQMD will also utilize its experience in deploying air filtration systems in schools and community centers since completion of its air filtration pilot study in 2008. To date, South Coast AQMD has installed air filtration systems in 119 schools and community centers in the South Coast Air Basin.

SECTION II: CONTACT PERSON:

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

Patricia Kwon, Program Supervisor Science and Technology Advancement South Coast AQMD 21865 Copley Drive Diamond Bar, CA 91765-4178 pkwon@aqmd.gov

SECTION III: SCHEDULE OF EVENTS

Date	Event
May 6, 2022	RFP Released
June 7, 2022	Online Applications Due - 1:00 pm
June 8 -14, 2022	Evaluation of Applications
June 17, 2022	Post Selected Organizations on South Coast
	AQMD AB 836 Website
July 1, 2022	Execute Contracts with Selected Organizations
July - August 2022	Issue RFQs to Solicit Quotes, Execute Purchase
	Orders for Portable Air Cleaners
September – November 2022	Deploy Portable Air Cleaners at Centers
July 2022 – 2025	Annual Reports
July 2026	Final Report

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

Objective

The objective of this RFP is to solicit potential contractors with strong expertise and experience to successfully deploy portable air cleaners and replacement filters at Centers during wildfire and smoke events to meet the needs of vulnerable populations. Organizations with the capability to deploy portable air cleaners and replacement filters at Centers which provide easy public access to clean air shelters during wildfire and smoke events will be prioritized for funding.

Information and guidelines on the statewide AB 836 program are located here: https://ww2.arb.ca.gov/our-work/programs/wildfire-smoke-clean-air-center-grant

Centers shall deploy portable air cleaners which are certified by CARB for sale and use in California and are equipped with a High Efficiency Particulate Air Filter (HEPA) filter and with ultrafine PM and VOC/odor carbon filtration to handle wildfire smoke. A list of CARB certified air cleaning devices can be found here:

https://ww2.arb.ca.gov/list-carb-certified-air-cleaning-devices

Performance specifications of typical CARB certified portable air cleaners are in Table 1 below for Center planning purposes. Additional eligible portable air cleaners will be posted on the South Coast AQMD website below as eligible portable air cleaners are evaluated by staff.

http://www.aqmd.gov/home/programs/community/community-detail?title=ab-836-wildfire-smoke-clean-air-centers-for-vulnerable-populations-incentive-pilot-program

P2022-10

Table 1: Eligible CARB-Certified Portable Air Cleaners

			•			
Portable Air Cleaner	CFM	Area Covered (sq ft)	Dimensions (inches)	Weight (lbs)	Noise (dBA)	Required Filters
AeraMax Pro AM IV	440	1400	34.7Wx19.6Hx9L	33	42 - 68	Prefilter,1 HEPA, 8.8 lbs activated alumina with activated carbon and virgin activated carbon
AeraMax Pro AM III	220	700	21Wx20Hx9L	20	38 - 67	Prefilter,1 HEPA, 4.4 lbs activated alumina with activated carbon and virgin activated carbon
Airpura R600	560	2,500	15Wx23Hx9L	45	28 - 62	Prefilter,1 Super HEPA, 18 lbs anthracite impregnated carbon
Alen BreatheSmart 75i (with Copper Oxide/Carbon filter)	350	1,300	27Wx18.5Hx11.5L	27	25 - 49	Prefilter, 1 HEPA, 1.5 lbs activated carbon/1.5 lbs activated carbon with copper oxide
Amaircare Airwash HEPA MultiPro Air Scrubber	800	2,600	19Wx20Hx32L	42	66 - 86	2 prefilters, 1 HEPA, 5 lb carbon canister
Amaircare Airwash MultiPro BOSS HD HEPA Portable Air Scrubber	1,800	6,750	19Wx34Hx31L	70	66 - 86	2 prefilters, 1 HEPA, 2-7 lb carbon canister
Austin Air HealthMate Plus (HM 450)	400	1500	14.5Wx23Hx14.5L	47	50 - 66	Prefilter, combined HEPA +15 lb granular carbon/zeolite with potassium iodide cartridge
Austin Air HealthMate Plus Jr. (HM 250)	200	700	11Wx16.5Hx11L	24	49 - 65	Prefilter, combined HEPA + 7 lb granular carbon/zeolite with potassium iodide cartridge
Blueair Pro L	450	780	20Wx31Hx10L	46	32 - 55	Prefilter, 1 HEPA, 2 lb activated carbon pellets
Blueair Pro XL	450	1,180	20Wx44Hx11L	71	32 - 58	Prefilter, 1 HEPA, 2 lb activated carbon pellets
IQAir HealthPro Plus	300	1,125	15Wx28Hx16L	35	25 - 69	PreMax, 5 lb activated carbon/alumina with potassium permanganate, HyperHEPA
IQAir CleanZone SL	500	2,400	28.5Wx44.5Hx9.75L	71	45	HEPA. No VOC filtration.
IQAir GC Multi-Gas	300	1,240	15Wx28Hx16L	44	25 - 69	GC HyperHEPA prefilter,12 lb activated carbon/alumina with potassium permanganate, GC post filter
Oransi Erik (OV190) with activated carbon (Pre-Erik) filter	430	1,560	25.5Wx26Hx12.75L	63	63	Prefilter, MERV 18, 14 lbs activated carbon with potassium permanganate
Honeywell HPA 300	320	465	10.8Wx22.3Hx20L	17.3	58.5	HEPA, carbon filter

Statement of Work

A plan for operation, management, and maintenance of portable air cleaners is required and must include: logistics of deployment of portable air cleaners during wildfire and smoke events, management of inventory of portable air cleaners, routine maintenance including filter replacement, staff training on maintaining portable air cleaners, submission of incident reports and annual reports, and list of partner

organizations and their roles. Deployment plans for facility improvements in a limited number of locations will need to discuss how benefits to vulnerable populations displaced by wildfires and other smoke events can be provided in multiple communities.

Task 1: Develop logistics plan for operation, management and maintenance of portable air cleaners for Centers in the South Coast Air Basin including list of portable air cleaner manufacturer(s)/model number(s) by portable air cleaner identification number (updated as needed). If an organization covers multiple areas provide the geographical area where Centers may be deployed.

Task 2: Provide list of partner organizations, key staff contacts, and their roles

Task 3: Routine maintenance and staff training on maintenance of portable air cleaners

Task 4: Training of staff on required incident reports and annual reports

Task 5: Deploy portable air cleaners and replacement filters at Centers during wildfire and smoke events for vulnerable populations

Task 6: Submission of online incident reports through a web-based report system or online app to be developed by South Coast AQMD. Incident reports shall include the following:

- Portable air cleaner identification number
- Number of portable air cleaners deployed per Center
- Dates of deployment
- Facility and address of deployment
- Estimated total number of people served while Center in operation

Task 7: Submission of online annual reports through a web-based report system or online app to be developed by South Coast AQMD. Annual reports shall include the following:

- Summary of all deployments (compilation of incident reports)
- Overall description of each Center and how portable air cleaners were an enhancement and/or improvements needed
- Feedback from Center staff on perceptions of this pilot program
- Recommendations on facility selection for Centers and if suited to portable air cleaner technology
- Recommendations on facility operation for Centers and if suited to portable air cleaner technology
- Recommendations on public outreach for vulnerable populations utilizing Centers

Schedule of Deliverables

Deliverable 1: Plan for operation, management and maintenance of portable air cleaners

Deliverable 2: List of partner organizations and key staff contacts and roles

Deliverable 3: Confirmation of routine maintenance and staff training on maintenance

Deliverable 4: Confirmation of staff training on required incident and annual reports

Deliverable 5: Online submission of incident reports

Deliverable 6: Online submission of annual reports

SECTION VI: REQUIRED QUALIFICATIONS

- A. Persons or firms proposing to bid on this proposal must be qualified and experienced in deploying Centers during wildfire and smoke events for vulnerable populations, and must be willing to deploy portable air cleaners in Centers and carry out the requirements of this pilot program.
- B. Proposer must submit the following:
 - 1. Resumes or similar statement of qualifications in serving vulnerable populations during wildfire and smoke events.
 - 2. Previous experience in deploying Centers for wildfire and smoke events and training staff.
 - 3. Summary of proposer's general qualifications to meet required qualifications and fulfill statement of work, including personnel and resources.

SECTION VII: PROPOSAL SUBMITTAL REQUIREMENTS

Proposals must be submitted online. Failure to submit proposals in the required format will result in elimination from proposal evaluation.

Online applications must include the following:

- Application Details (Applicant name, type of entity, contact information)
- Portable Air Cleaners and Replacement Filters Required (specify total number of portable air cleaners required per room, per Center, and for all Centers active during fire season)
- If an organization covers multiple areas provide the geographic area the Centers may be deployed
- Portable Air Cleaner Information (Make, Model Number, Performance Specifications)
- Statement of Work/Schedule of Deliverables including a Deployment Plan for operation, management and maintenance of portable air cleaners at Centers during wildfire and smoke events

- Resumes or similar statement of qualifications
- Previous experience
- Summary of general qualifications to meet requirements
- Certifications and Attestations for Application Accuracy and Completeness

SECTION VIII: PROPOSAL SUBMISSION

All proposals must be submitted online 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. South Coast AQMD is providing an online application submittal system and information on how to apply on their website:

http://www.aqmd.gov/home/programs/community/community-detail?title=ab-836-wildfire-smoke-clean-air-centers-for-vulnerable-populations-incentive-pilot-program

<u>Signature</u> - All proposals must be submitted by an authorized representative of the Proposer.

Due Date - All proposals are due no later than 1:00 p.m., June 7, 2022.

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

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

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

<u>Modification or Withdrawal</u> - 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 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

Technical Criteria

Understanding the Problem	20
Technical/Management Approach	20
Contractor Qualifications	20
Previous Experience on Similar Projects	<u>10</u>
TOTAL	70
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 percent 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 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. 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. Purchase of CARB certified portable air cleaners with HEPA filters and ultrafine PM and VOC/odor carbon filtration to handle wildfire smoke will be made by South Coast AQMD from the list of eligible CARB-certified portable air cleaners in this RFP and on South Coast AQMD AB 836 program website. The number and types of eligible portable air cleaners will be based on the organization's deployment plan and the most suitable portable air cleaners to meet Center needs based on sizes and numbers of rooms and Centers to be provided with air filtration. Any eligible portable air cleaners meeting these criteria may be selected as long as the number of portable air cleaners and replacement filters meets the requirements of the deployment plan and is within the budget of \$231,250 allocated for the purchase of portable air cleaners and replacement filters.
- 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. <u>Disposition of Proposals</u> 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.

SECTION X: 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 or 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.
- "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 percent 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 percent 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 percent statute), and Public Law 102-389 (42 U.S.C. 4370d)(8 percent 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. 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 percent) 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.
 - 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.
 - 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.
- 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 percent 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.



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 <u>not</u> be able to establish you as a vendor. This will delay any payments and would <u>still</u> 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

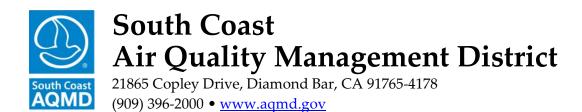
DH:jn

Enclosures: Business Information Request

Disadvantaged Business Certification

W-9

Form 590 Withholding Exemption Certificate Federal Contract Debarment Certification Campaign Contributions Disclosure Direct Deposit Authorization



Business Name

BUSINESS INFORMATION REQUEST

Division of					
Subsidiary of					
Website Address					
Type of Business Check One:		Corporation, II	O No No		iled in
]	REMITTIN	G ADDRESS	INFOF	RMATION
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.

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Statements	OI CE	erunc	auon	:

As a prime contractor to South Coast AQMD,to achieve the fair share in accordance with 40 CFR Section 33.301, and a south coast AQMD,	(name of business) will engage in good faith efforts
contracts or purchase orders funded in whole or in part by federal gr	<u> </u>

- 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.

TELEPHONE NUMBER

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

I, the undersigned, hereby declare that to the best of my knowl information submitted is factual.	ledge the above information is accurate. Upon penalty of perjury, I certif
State of California Public Works Contractor Re INCLUDED IF BID PROPOSAL IS FOR PUBLIC V	
Name of Qualifying Owner(s):	
Percent of ownership:%	
 ☐ Small Business Enterprise/Small Business Joint Venture ☐ Local business ☐ Minority-owned Business Enterprise 	 ☐ Women-owned Business Enterprise ☐ Disabled Veteran-owned Business Enterprise/DVBE Joint Venture ☐ Most Favored Customer Pricing Certification
Check all that apply:	

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 foreignbased 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:
 - Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.
 - 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.

(Rev. October 2018)

Request for Taxpayer **Identification Number and Certification**

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

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

	•			
	 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. 			
	2 Business name/disregarded entity name, if different from above			
Print or type. See Specific Instructions on page 3.	Check appropriate box for federal tax classification of the person whose name is entered on line 1. Ch following seven boxes.	Enust/estate	4 Exemptions (code certain entities, not i instructions on page	ndividuals; see
e. nsor	☐ Individual/sole proprietor or ☐ C Corporation ☐ S Corporation ☐ Partnership single-member LLC	☐ Irust/estate	Exempt payee code	(if any)
ty effo	Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partner	rship) ►		
2 5	Note: Check the appropriate box in the line above for the tax classification of the single-member of LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the	wner. Do not check	Exemption from FAT	CA reporting
Print or type. Ic Instruction	another LLC that is not disregarded from the owner or to S. federal tax purposes. Otherwise, a sing is disregarded from the owner should check the appropriate box for the tax classification of its own	gle-member LLC that	code (if any)	
Sciff.	Other (see instructions) >		(Applies to accounts maintai	ned outside the U.S.)
Sp	5 Address (number, street, and apt. or suite no.) See instructions.	Requester's name a	and address (optional)	
.8				
٠,	6 City, state, and ZIP code			
	7 List account number(s) here (optional)	•		
Par	Taxpayer Identification Number (TIN)			
	your TIN in the appropriate box. The TIN provided must match the name given on line 1 to av	old	curity number	
reside	ip withholding. For Individuals, this is generally your social security number (SSN). However, to the laien, sole proprietor, or disregarded entity, see the Instructions for Part I, later. For other is, it is your employer identification number (EIN). If you do not have a number, see <i>How to a</i>]-[]-[
TIN, la		or		
	If the account is in more than one name, see the instructions for line 1. Also see What Name	and Employer	identification number	er
Numb	er To Give the Requester for guidelines on whose number to enter.		-	
Par	Certification			

Under penalties of perjury, I certify that:

- 1. 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
- 3. I am a U.S. citizen or other U.S. person (defined below); and
- 4. 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 Signature of U.S. person ▶ Here

General Instructions

Section references are to the internal Revenue Code unless otherwise

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
- . 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 (tultion)
- . 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 allen), 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,

Form W-9 (Rev. 10-2018) Cat. No. 10231X

By signing the filled-out form, you:

- 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
- 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 allen;
- 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 Allens 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.

- The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident allen.
- The treaty article addressing the income.
- The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
- The type and amount of income that qualifies for the exemption from tax.
- 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 rature.

Payments you receive will be subject to backup withholding if:

- You do not furnish your TIN to the requester,
- 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,
- 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
- 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 Compilance 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 that class.

Penalties

Fallure to furnish TIN. If you fall to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such fallure unless your fallure 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
- $13-\mathrm{A}$ 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 \$5,0001	Generally, exempt payees 1 through 5 ²				
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4				

See Form 1099-MISC, Miscellaneous Income, and its instructions.

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.

Lino 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 allen, 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 and earlier.

Signature requirements. Complete the certification as Indicated in Items 1 through 5 below.

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.

- 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.
- 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), ABLE 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				
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				
Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account				
 Custodial account of a minor (Uniform Gift to Minors Act) 	The minor ²				
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				
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)) (A))	The grantor*				
For this type of account:	Give name and EIN of:				
 Disregarded entity not owned by an individual 	The owner				
9. A valid trust, estate, or pension trust	Legal entity ⁴				
 Corporation or LLC electing corporate status on Form 8832 or Form 2553 	The corporation				
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		
 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.

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 fisk 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 toil-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 thert.

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.

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/identity/Theft 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 ager	nt keeps t	his fo	orm with their records.	
Withholding Agent Information				
Name				
Payee Information Name	_	_		
Name	SSN or IT	TIN L. F	EIN CA Corp no. CA SOS file no.	
Address (apt./ste., room, PO box, or PMB no.)				
Address (apt./ste., room, PO box, or PMB no.)				
City (If you have a foreign address, see instructions.)	Т	State	ZIP code	
Exemption Reason				
Check only one box.				
By checking the appropriate box below, the payee certifies the reason for the exemption from t requirements on payment(s) made to the entity or individual.	he Califor	rnia ir	ncome tax withholding	
Individuals — Certification of Residency: I am a resident of California and I reside at the address shown above. If I become a n notify the withholding agent. See instructions for General Information D, Definitions.	onreside	nt at a	any time, I will promptly	
Corporations: The corporation has a permanent place of business in California at the address show California Secretary of State (SOS) to do business in California. The corporation will for corporation ceases to have a permanent place of business in California or ceases to the withholding agent. See instructions for General Information D. Definitions.	ile a Calif	ornia	tax return. If this	
Partnerships or Limited Liability Companies (LLCs): The partnership or LLC has a permanent place of business in California at the addres California SOS, and is subject to the laws of California. The partnership or LLC will file or LLC ceases to do any of the above, I will promptly inform the withholding agent. For partnership (LLP) is treated like any other partnership.	e a Califo	rnia t	ax return. If the partnership	
Tax-Exempt Entities: The entity is exempt from tax under California Revenue and Taxation Code (R&TC) S Internal Revenue Code Section 501(c) (insert number). If this entity ceases to the withholding agent. Individuals cannot be tax-exempt entities.			(insert letter) or n tax, I will promptly notify	
Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pens The entity is an insurance company, IRA, or a federally qualified pension or profit-sha			aring Plans:	
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 C The estate will file a California fiduciary tax return.	alifornia i	reside	ent at the time of death.	
Nonmilitary Spouse of a Military Servicemember: I am a nonmilitary spouse of a military servicemember and I meet the Military Spouse requirements. See instructions for General Information E, MSRRA.	e Resider	ncy R	elief Act (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 go to ftb.ca.gov/forms and search for 1131 . To request this notice by mail, call 800.852.5711.	or not pro	vidin	g the requested information	
Under penalties of perjury, I declare that I have examined the information on this form, includin statements, and to the best of my knowledge and belief, it is true, correct, and complete. I furth if the facts upon which this form are based change, I will promptly notify the withholding agent.	er declar			
Type or print payee's name and title		Telep	hone	

Payee's signature ▶

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 Galifornia 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 fib.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 selfer of California real estate. Selfers 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."

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.

Form 590 Instructions 2020 Page 1

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 service members to provide proof that they meet the criteria for California personal income tax exemption as set forth in

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, Eorm 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.

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

relav service

Asistencia Por Internet y Teléfono

Sitio web: ftb.ca.gov

800.852.5711 dentro de los Teléfono:

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

Additional Information

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

nonwage

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

for MxFTB.

Telephone: 888.792.4900 or 916.845.4900, Withholding Services and

Compliance phone service

Fax: 916.845.9512

WITHHOLDING SERVICES AND Mail: COMPLIANCE MS F182

FRANCHISETAXBOARD 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.

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). Where a proposed rule or proposed amended rule impacts three or fewer facilities, those facilities will be treated in much the same manner as contracting parties and so must also complete this form, disclosing information relating to any campaign contributions made to any South Coast AQMD Board Members. *See* Quadri Advice Letter (2002) A-02.096.1 In the event that a qualifying campaign contribution is made, the Board Member to whom it was made may be disqualified from participating in the actions involving that donor.

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 the 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 Board Members can be found at the 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.

Cont	tractor (Legal Name):	
	DBA, Name	County Filed in
ㅁ	Corporation, ID No	
	LLC/LLP, ID No.	
	any parent, subsidiaries, or otherwise af definition below).	filiated business entities of Contractor:

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

¹ The information provided on this form does not, and is not intended to, constitute legal advice. To the extent that you may have questions regarding any case law, citations, or legal interpretations provided above please seek the guidance of your own independent counsel.

South Coast AQMD 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 MSRCMember/Alternate Amount of Contribution Date of Contribution Name of Contributor Governing Board Member or MSRCMember/Alternate Amount of Contribution Date of Contribution Name of Contributor ____ Amount of Contribution Governing Board Member or MSRCMember/Alternate Date of Contribution Name of Contributor Amount of Contribution Governing Board Member or MSRCMember/Alternate 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: One business entity has a controlling ownership interest in the other business entity. 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 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.



For South Coast AQMD Use Only

South Coast Air Quality Management District

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

AQIVI	AQMD (909) 390-2000 • www.aqmu.gov						
Direct Deposit Authorization STEP 1: Please check all the appropriate boxes Individual (Employee, Governing Board Member) New Request Vendor/Contractor Cancel Direct Deposit Changed Information							
<u>STEP 2</u> :	Payee Information						
Last Name		First Name		Middle Initia	1	Title	
Vendor/Cor	ntractor Business Name (if applicable)						
Address				Apartment o	or P.O. Box Nu	mber	
City			State	Zip		Country	
Taxpayer II	D Number	Telephone Number	r		Email Add	dress	
fin. AC dir dis 2. Th yo 3. I h ins de STEP 3: You must	you. 3. 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.						
	T	To be Com	pleted by you	ır Bank			
Here	Name of Bank/Institution						
L-4	Account Holder Name(s)						
Saving Checking Checking Bank Representative Printed Name Bank Representative Signature Date Checking Che							
taple V	Bank Representative Printed Name	•	Bank Representation	ve Signature			Date
Ó	ACCOUNT HOLDER SI	GNATURE:					Date

Input By ___



BOARD MEETING DATE: May 6, 2022

AGENDA NO. 7

PROPOSAL: School Air Filtration Program for Private Schools and Daycare

Facilities in AB 617 Communities using CARB Supplemental

Environmental Project Funds

SYNOPSIS: CARB has requested South Coast AQMD administer a

Supplemental Environmental Project (SEP) to install and maintain air filtration systems at schools in AB 617 communities. As a result, the establishment of a new special revenue fund is required to facilitate program tracking and auditing. These actions are to: 1) establish CARB SEP Special Revenue Fund (87); 2) recognize up to \$1,275,000 into CARB SEP Special Revenue Fund (87); 3) execute an agreement with CARB for South Coast AQMD to

administer this SEP; 4) reimburse the General Fund for

administrative costs of up to \$89,250 from CARB SEP Special Revenue Fund (87); 5) issue Program Announcement PA#

2022-03 to solicit proposals from K-12 private schools and private daycare facilities for installation and maintenance of air filtration systems; and 6) execute contracts with K-12 private schools and private daycare facilities or their contractors for selected eligible projects and maintain an eligible wait list for projects from this Program Announcement for installation and maintenance of air filtration systems in AB 617 communities in an amount up to \$1,185,750 from CARB SEP Special Revenue Fund (87).

COMMITTEE: Technology, April 15, 2022; Recommended for Approval

RECOMMENDED ACTIONS:

- 1. Establish CARB SEP Special Revenue Fund (87);
- 2. Recognize up to \$1,275,000 into CARB SEP Special Revenue Fund (87);
- 3. Authorize Executive Officer to execute an agreement with CARB for South Coast AQMD to administer this SEP;
- 4. Reimburse the General Fund for administrative costs of up to \$89,250 from CARB SEP Special Revenue Fund (87);
- 5. Issue Program Announcement PA #2022-03 to solicit proposals from K-12 private schools and private daycare facilities for air filtration systems; and

6. Authorize the Chair (or by the Chair's designation, the Executive Officer) to execute contracts with K-12 private schools and private daycare facilities or their contractors for selected eligible projects and maintain an eligible wait list for projects from this Program Announcement for installation and maintenance of air filtration systems in AB 617 communities in an amount up to \$1,185,750 from CARB SEP Special Revenue Fund (87).

Wayne Nastri Executive Officer

MMM:AK:DG:MH:PSK

Background

CARB executed a Supplemental Environmental Project (SEP) with Albertsons Companies, Inc. for installation and maintenance of air filtration systems in AB 617 communities and have asked South Coast AQMD to administer this SEP for \$1,275,000. In addition, CARB requested that the SEP revenue funds be received into a separate special revenue fund to track expenditures and interest generated from the SEP funds.

This SEP is part of a settlement agreement between CARB and the Albertsons Companies, Inc. for \$5.1 million for violations of the Refrigerant Management Program that regulates large, stationary industrial refrigerant systems to reduce greenhouse gas emissions. The settlement included a \$2.55 million civil penalty and \$2.55 million in funding for two SEPs. CARB has allocated \$1.2 million to South Coast AQMD to install air filtration systems at private schools and private daycare facilities in AB 617 communities from these settlement funds.

Proposal

The recommended actions are to 1) establish a CARB SEP Special Revenue Fund (87); 2) recognize up to \$1,275,000 into CARB SEP Special Revenue Fund (87); 3) execute an agreement with CARB for South Coast AQMD to administer this SEP; 4) reimburse the General Fund for administrative costs of up to \$89,250 from CARB SEP Special Revenue Fund (87); 5) issue Program Announcement PA #2022-03 to solicit proposals from K-12 private schools and private daycare facilities in AB 617 communities for installation and maintenance of air filtration systems; and 6) execute contracts with K-12 private schools and private daycare facilities or their contractors for selected eligible projects and maintain an eligible waitlist for projects from this Program Announcement for installation and maintenance of air filtration systems in AB 617 communities in an amount of up to \$1,185,750 from CARB SEP Special Revenue Fund (87).

South Coast AQMD staff plans to issue Program Announcement PA #2022-03 on May 6, 2022. Staff will accept proposals from private schools and private daycare facilities or their contractors for installation and maintenance of air filtration systems until July 6, 2022, at 3:00 PM. The funding program established by this Program Announcement prioritizes private schools and private daycare centers in AB 617 communities eligible for installation and maintenance of air filtration systems by proximity to sources of diesel PM and the proposed cost per square foot and number of students to benefit from the installation of air filtration systems at each school/daycare. This Program Announcement focuses on private schools and private daycare facilities. However, the South Coast AQMD AB 617 Program has also allocated \$7.3 million to fund air filtration systems at public schools and public daycare facilities in AB 617 communities. Therefore, staff is developing an additional program announcement for air filtration at public schools and public daycare facilities in AB 617 communities that is forthcoming.

South Coast AQMD staff will work with AB 617 communities to conduct outreach to private K-12 schools and private daycare facilities that can benefit from the installation and maintenance of air filtration systems. The schools/daycares will be expected to work with installers and vendors to obtain cost information for their proposed projects. Examples of factors that could affect the cost of an air filtration system are the schools or daycares existing HVAC system, type of air filtration system installed (e.g., portable, or wall-mounted), spatial coverage, number of air exchanges per hour, pressure drop associated with the filter, and air filter minimum efficiency reporting value (MERV) rating. Selected eligible projects will be required to install higher-efficiency filters with a MERV 13 or higher rating. If selected, the participant must execute a contract with South Coast AQMD to receive any funds. South Coast AQMD may also enter into a contract with the contractor selected by the school or daycare for installation and maintenance of air filtration systems. Implementation schedule for Program Announcement PA #2022-03 is shown in Table 1 below.

Table 1: Schedule

Date	Event
May 6, 2022	Issue Program Announcement and Application PA
	#2022-03
July 6, 2022	Applications are due by 3pm . Applicants are
	encouraged to apply well before this deadline. No late
	applications will be accepted.
October 4, 2022	Recommendations to South Coast AQMD Technology
	Committee for project awards. Execute contracts for
	selected eligible projects from this solicitation
July 1, 2025	Deadline by which K-12 private schools and daycare
	facilities are required to install air filtration systems

Outreach

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

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

Benefits to South Coast AQMD

This project will reduce children's exposure to criteria, toxic pollutants, and PM. Health studies have determined that fine and ultrafine PM, including diesel PM, present the most significant air pollution health risk to sensitive receptors in Environmental Justice communities.

Resource Impacts

Up to \$1,275,000, upon receipt, will be recognized into CARB SEP Special Revenue Fund (87), and reimbursement of administrative costs will not exceed \$89,250.

Attachments

Program Announcement and Application PA #2022-03

Funding Program for the Installation and Maintenance of Air Filtration Systems at Private Schools and Private Daycare Facilities

(Eligibility restricted to K-12 private schools and private daycare facilities in AB 617 Communities)

A Funding Opportunity for Cities & Counties in the Jurisdiction of the South Coast Air Quality Management District

Program Announcement & Application PA #2022-03

May 06, 2022

PROGRAM INTRODUCTION

In July 2021, California Air Resources Board (CARB) executed two Supplemental Environmental Projects (SEPs) with Albertsons Companies, Inc. to install and maintain air filtration systems in Environmental Justice Communities. CARB requested South Coast AQMD administer one of these two SEPs funded as part of a settlement agreement with the Albertsons Companies, Inc. for \$5.1 million for violations of the Refrigerant Management Program.

In May of 2022, the South Coast AQMD Board authorized the Chair to execute contracts to install air filtration systems at K-12 private schools and private daycare facilities in AB 617 communities. The purpose of this effort is to reduce children's exposure to Particulate Matter (PM). Health studies have determined that fine and ultrafine PM, including diesel PM, present the most significant air pollution health risk to sensitive receptors in Environmental Justice communities. This SEP focuses on private schools and private daycare facilities in AB 617 communities; however, the South Coast AQMD AB 617 Program has also allocated \$7.3 million to fund air filtration systems at public schools and public daycare facilities in AB 617 communities.

PROGRAM ELIGIBILITY GUIDELINES AND CRITERIA

Eligible Applicants – K-12 private schools and private daycare facilities ("Schools") located within designated AB 617 community boundaries in the South Coast AQMD are eligible to apply. Designated AB 617 community boundaries are available by clicking on the links below.

- East Los Angeles, Boyle Heights, West Commerce
- Eastern Coachella Valley
- San Bernardino, Muscoy
- South Los Angeles
- Southeast Los Angeles
- Wilmington, Carson, West Long Beach

Funding Availability – A funding amount of \$1,185,750 is available from South Coast AQMD to install air filtration systems at Schools during this application period. Funding is available to applicants proposing qualifying projects and will be distributed according to guidelines in this Program Announcement. Funding is limited and may be revised at any time. Qualifying projects include installation of higher–efficiency filters within existing Heating, Ventilation and Air-Conditioning (HVAC) systems, wall mounted units, portable units, and others that carry a Minimum Efficiency Reporting Value (MERV) 13 to 16 rating. All projects require review and approval by South Coast AQMD staff.

Funding Limits – South Coast AQMD may establish a funding limit for each applicant based on the number of applications to this Program Announcement. Funding will be geographically distributed across AB 617 communities. South Coast AQMD retains the discretion to make full, partial, or no awards. If the program is undersubscribed, the South Coast AQMD may choose to re-open this Program Announcement. South Coast AQMD will retain a wait list in case selected projects drop out of the program.

Program Schedule – Implementation schedule for the Installation and Maintenance of School Air Filtration Systems Program Announcement PA #2022-03 is shown in Table 1 below.

Table 1: Schedule

May 6, 2022	Issue Program Announcement and Application PA #2022-03
July 6, 2022	Applications are due by 3pm . Applicants are encouraged to apply well before this deadline. No late applications will be accepted.
October 4, 2022	Recommendations to South Coast AQMD Technology Committee for project awards. Execute contracts for selected eligible projects from this Program Announcement.
July 1, 2025	Deadline by which K-12 private schools and private daycare facilities are required to install air filtration systems

APPLICATION REQUIREMENTS

A project application must be completed and submitted to receive funding. Applications must be submitted in accordance with the instructions outlined below, and all requested information must be provided.

Application Elements – All applications must contain the following:

- a. <u>Cover Letter</u> Transmittal of an application must be accompanied by a cover letter signed by the School's superintendent, principal, or director
- b. <u>Application Elements A-E</u> Applications must include the following completed elements, and all required supporting documentation as requested:
 - i. Element A: Application Form (Attachment A)
 - ii. Element B: Project Description/ Statement of Work
 - iii. Element C: Project Budget
 - iv. Element D: Project Implementation Schedule
 - v. Element E: Business Information Request (BIR) Forms (Attachment B)

The following section summarizes each element that must be completed by the applicant and submitted in accordance with the instructions provided in this Program Announcement under "Application Submittal Instructions".

- Cover Letter must be <u>signed</u> by an individual authorized to contractually bind the submitting entity. This document should summarize the intent of the application as well as the requested funding amount, school address, square footage, number of students and faculty, project budget and proposed timeline.
- *Element A: Application Form* includes general information from the applicant. This information is to be provided in the designated spaces on the template attached to this Program Announcement.
- Element B: Project Description/Statement of Work describes the proposed project including a) project goals and objectives; b) statement of work which should include the number of classrooms, enclosed common spaces (specify purpose of common space), and number of buildings where air filtration would be installed at each School; c) description of the entity implementing the project, d) use of subcontractors, if any; e) duties of key project staff, including Project Manager, e) project deliverables specifying the number of air filtration units to be installed as well as their location and square footage of the area

- benefiting from the air filtration, and f) plan to train School or school district staff to replace filters and to provide replacement filters for each School.
- Element C: Project Budget A cost breakdown of the proposed project budget including a) total project cost; b) number and identification of air filtration units to be installed, c) cost for air filtration installation including number and type of air filtration units, replacement filters, and breakdown of labor costs, e) subcontractor costs, if any, f) dollar amount requested from the applicant. Applicants are expected to work with air filtration system installers and vendors to obtain cost information for their proposed projects. Examples of factors that could affect the cost of an air filtration system are the School's existing HVAC system, type of air filtration system installed (e.g., portable, or wall-mounted), spatial coverage, number of air exchanges per hour, pressure drop associated with the filter, and air filter MERV rating.
- Element D: Project Implementation Schedule Submittal of a schedule depicting key project milestones, task completion dates, and any anticipated barriers to completion. Please note that all projects must be completed no later than 24 months from the date of contract execution.
- Element E: Business Information Request (BIR) Forms BIR forms must be completed and submitted with the application; required forms are attached to this Program Announcement. If recommended for an award, you will be required to provide an updated Campaign Contribution Disclosure form at that time.

APPLICATION SUBMITTAL INSTRUCTIONS

The applicant shall submit the original application <u>plus</u> three (3) complete hard copies and one (1) digital copy of the entire application package. Each hard copy is to be marked "Program Application PA #2022-03." These hard copies should be placed together in a sealed envelope, plainly marked in the upper left-hand corner with the name, address, email, and phone number of the applicant. Additionally, the applicant will provide a single PDF copy of all application materials to 617airfiltration@aqmd.gov. Hard copy applications are mandatory, failure to submit a hard copy application by the deadline listed will result in application rejection. Postmarks are not accepted as proof of deadline compliance. Faxed applications will not be accepted. All applications must be received by no Tuesday, July 6, 2022.

The Program Announcement and application document PA #2022-03 can also be accessed via the internet by visiting South Coast AQMD's website at: http://www.aqmd.gov/nav/grants-bids

The hardcopy application package must be addressed to:

Mr. Dean D. Hughbanks, Procurement Manager

Re: Program Application PA #2022-03

Installation and Maintenance of Air Filtration Systems at Private Schools and Private Daycare Facilities

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

All applications must be **signed by the School or school district's superintendent, principal, or director.** (School superintendents shall not delegate this responsibility for signature to his or her deputy.) Please note that faxed applications will not be accepted. Once submitted, applications cannot be altered without the prior written consent of South Coast AQMD. South Coast AQMD reserves the right to reject any or all applications if they do not meet the requirements of the Program Announcement including those listed below. All responses become the property of South Coast AQMD, and one copy of the application will be retained for South Coast AQMD files.

- It is not prepared in the format described
- It is not signed by an individual authorized to represent the School or school district
- Does not include all elements as outlined under "Application Elements" required in this Program Announcement

APPLICATION EVALUATION AND APPROVAL PROCESS

South Coast AQMD may establish a funding limit for each applicant based on the number of applications to this Program Announcement with the intent to provide funding to K-12 private school and private daycare facilities which will be geographically distributed across AB 617 communities.

If there are more applications than available funding under this Program Announcement, each project will undergo additional evaluation with consideration to the following criteria for prioritization or ranking of projects:

- 1. Proximity of school or daycare facility to sources of diesel PM. (For example, schools near multiple sources of diesel PM could receive higher priority over schools near a single source of diesel PM.)
- 2. Proposed cost of the project per square foot and the number of students to benefit from air filtration systems at each school or daycare facility. (For example, projects that provide similar exposure reduction benefits at similar costs but benefit more students could receive higher priority than others.)

Upon approval of selected projects by the Executive Officer, all applicants will receive notice by email whether their project application has been awarded funds. South Coast AQMD staff will prepare a contract for execution by the applicant for approved projects. The applicant will be required to enter a contract with South Coast AQMD to receive any funds. If necessary,

South Coast AQMD can enter into a contract with the contractor that the school or daycare facility selects to install an air filtration system.

ADDITIONAL INFORMATION & ASSISTANCE

This Program Announcement can be accessed at the South Coast AQMD website at http://www.aqmd.gov/nav/grants-bids. South Coast AQMD staff members are available to answer questions during the Program Announcement acceptance period until July 6, 2022.

For General, Administrative, or Technical Assistance, please contact:

Daniel Garcia

Planning and Rules Manager Technology Advancement Office Phone 909-396-3304 Fax: 909-396-3252

dgarcia@aqmd.gov

Frances Maes

Staff Specialist
Technology Advancement Office
Phone: 909-396-2473

Fax: 909-396-3252 fmaes@aqmd.gov

School Air Filtration Application Form PA 2022-03

Attachment A

Part I: Applicant information

School (Daycare		
Name:		
Address:		
Is school/daycare located withir	n AB 617 Community? 🔲 No	☐ Yes
If yes, specify community:		
Size of Classroom(s) to benefit		
from air filtration (in sq. ft.):		
Amount of funding requested:		
· · · · · · · · · · · · · · · · · · ·		
	Fa	X:
Email:		
Part II: Certification - Please initia	l each statement then sign and d	late the form.
Applicant shall:		
	66 11 11 11 11	
disclose any other source(s) project, including the source of fund		d for and will be used for the same funding.
disclose the value of any exi ncluding tax credits, or deductions,	isting financial incentive that dire	
nicidaling tax credits, or deductions,	grants of other public illiancial a	assistance for the same equipment.
Applicant understands:		
an incomplete or illegible ap	oplication including applications	that are missing required
nformation may be rejected by the	South Coast AQMD at their disci	retion.
the South Coast AOMD may	ralassa the information the apr	olication contains to third parties if
required by state and federal public	• • •	incation contains to time parties if
equired by state and rederal public	records laws.	
<u> </u>		
Signature	Print Name & Title	Date

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 <u>not</u> 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

Business Name

BUSINESS INFORMATION REQUEST

Dusiness rame										
Division of										
Subsidiary of										
Website Address										
Type of Business Check One:]	DB. Cor	poration, I C/LLP, ID	ID No		led in				
		REN	MITTIN	NG ADDR	ESS INFO	RMA'	ΓΙΟΝ			
Address										
City/Town										
State/Province					Zip					
Phone	()	-	Ext	Fax	()	-		
Contact					Title					
E-mail Address					1					
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 <u>for contracts or purchase orders funded in whole or in part by federal grants and contracts.</u>

- 1. Place qualified SBEs, MBEs, and WBEs on solicitation lists.
- 2. Assure that SBEs, MBEs, and WBEs are solicited whenever possible.
- 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.

TELEPHONE NUMBER

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

NAME	1	TITLE
NAME.		DVOV E
f, the undersigned, hereby declare that to the best of my known formation submitted is factual.	wledge the above information is accur	ate. Upon penalty of perjury, I certify
State of California Public Works Contractor R INCLUDED IF BID PROPOSAL IS FOR PUBLIC	0	. MUST BE
Name of Qualifying Owner(s):		
Percent of ownership:%		
Check all that apply: Small Business Enterprise/Small Business Joint Venture Local business Minority-owned Business Enterprise	 □ Women-owned Business Enter □ Disabled Veteran-owned Busin □ Most Favored Customer Pricing 	less Enterprise/DVBE Joint Venture
71111		

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 foreignbased 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:
 - Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.
 - 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.

(Rev. October 2018)

Request for Taxpayer **Identification Number and Certification**

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

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

	•		
	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank		
	2 Business name/disregarded entity name, if different from above		
page 3	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check appropriate box for federal tax classification of the person whose name is entered on the person whose name is entered on the person whose name is entered on the person of the person whose name is entered on the person of the person whose name is entered on the person of the pe	_	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
ns on	☐ Individual/sole proprietor or ☐ C Corporation ☐ S Corporation ☐ Partnership single-member LLC	☐ Trust/estate	Exempt payee code (if any)
ş.ç	Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partne	rship)►	
at c	Note: Check the appropriate box in the line above for the tax classification of the single-member of LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the	wner. Do not check owner of the LLC is	Exemption from FATCA reporting
Print or type. Specific Instructions	another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a sin is disregarded from the owner should check the appropriate box for the tax classification of its own	gle-member LLC that	code (if any)
eci	☐ Other (see instructions) ▶		(Applies to accounts maintained outside the U.S.)
ŝ	5 Address (number, street, and apt. or suite no.) See instructions.	Requester's name a	nd address (optional)
8			
	6 City, state, and ZIP code		
	7 List account number(s) here (optional)		
Par	Taxpayer Identification Number (TIN)		
	your TIN in the appropriate box. The TIN provided must match the name given on line 1 to a	loid	curity number
reside entitie	p withholding. For individuals, this is generally your social security number (SSN). However, nt alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other s, it is your employer identification number (EIN). If you do not have a number, see <i>How to g</i> i		
TIN, la		or	
	If the account is in more than one name, see the instructions for line 1. Also see What Name or To Give the Requester for guidelines on whose number to enter.	and Employer	identification number
Numb	er to give the riequester for guidelines on whose number to enter.		-
Par	Certification		

Under penalties of perjury, I certify that:

- 1. 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
- 3. I am a U.S. citizen or other U.S. person (defined below); and
- 4. 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 falled 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 Signature of U.S. person ▶ Here Date >

General Instructions

Section references are to the internal Revenue Code unless otherwise

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
- . 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 (tultion)
- . 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 allen), 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,

Form W-9 (Rev. 10-2018) Cat. No. 10231X

By signing the filled-out form, you:

- 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
- 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 Allens and Foreign Entitles).

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 allen 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.

- The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident allen.
- The treaty article addressing the income.
- The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
- The type and amount of income that qualifies for the exemption from tax.
- 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:

- You do not furnish your TIN to the requester,
- 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,
- 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
- 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

Fallure to furnish TIN. If you fall to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such fallure unless your fallure 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
- $13-\mathrm{A}$ 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 \$5,0001	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

See Form 1099-MISC, Miscellaneous Income, and its instructions.

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)(l)
- 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, cartier

Signature requirements. Complete the certification as Indicated In Items 1 through 5 below.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and heaith 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.

- 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 1963 and broker accounts considered inactive during 1963. 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.
- 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), ABLE 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
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
Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
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
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*
For this type of account:	Give name and EIN of:
 Disregarded entity not owned by an individual 	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
 Corporation or LLC electing corporate status on Form 8832 or Form 2553 	The corporation
Association, club, religious, charitable, educational, or other tax- exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
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			
 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.

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 fisk 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 toil-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.

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.

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/identity/Theft 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.

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 I	TIN 🔲 F	EIN 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 requirements on payment(s) made to the entity or individual.	he Califo	rnia ir	ncome tax withholding			
Individuals — Certification of Residency: I am a resident of California and I reside at the address shown above. If I become a resident of California and I reside at the address shown above.	onreside	nt at a	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 show California Secretary of State (SOS) to do business in California. The corporation will to						
corporation ceases to have a permanent place of business in California or ceases to						
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 addre California SOS, and is subject to the laws of California. The partnership or LLC will fil						
or LLC ceases to do any of the above, I will promptly inform the withholding agent. For						
partnership (LLP) is treated like any other partnership.	, W ILLING	unig p	arpooco, a minica nabinty			
Tax-Exempt Entities:						
The entity is exempt from tax under California Revenue and Taxation Code (R&TC) S			(insert letter) or			
Internal Revenue Code Section 501(c) (insert number). If this entity ceases to the withholding agent, Individuals cannot be tax-exempt entities.	be exem	pt fron	n tax, I will promptly notify			
	oion/Dro	fit Ch	oring Diana.			
Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pen The entity is an insurance company, IRA, or a federally qualified pension or profit-sha			aring Plans:			
California Trusts:						
At least one trustee and one noncontingent beneficiary of the above-named trust is a						
California fiduciary tax return. If the trustee or noncontingent beneficiary becomes a	nonreside	ent 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 C	alifornia	roeida	ant at the time of death			
The estate will file a California fiduciary tax return.	allionna	leside	ant at the time of death.			
Nonmilitary Spouse of a Military Servicemember:						
I am a nonmilitary spouse of a military servicemember and I meet the Military Spous	e Reside	ncy R	elief Act (MSRRA)			
requirements. See instructions for General Information E, MSRRA.						
CERTIFICATE OF PAYEE: Payee must complete and sign below.						
	or not pro	widing	the requested information			
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			- Parish and a parish and			
Type or print payee's name and title		Telep	hone			

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 Galifornia 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 fib.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 selfer 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.

Form 590 Instructions 2020 Page 1

A military servicemember's nonmilitary spouse is considered a nonresident for taxpurposes 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 MSPDA

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 Corpno.); 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 agentmustretain a copy of the certificate or substitute for at least five years after the last payment to which the certificate applies. The agentmust 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.

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

for MyETB

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 TAXBOARD

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 (SCAQMD) 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). Where a proposed rule or proposed amended rule impacts three or fewer facilities, those facilities will be treated in much the same manner as contracting parties and so must also complete this form, disclosing information relating to any campaign contributions made to any SCAQMD Board Members. *See* Quadri Advice Letter (2002) A-02.096.1 In the event that a qualifying campaign contribution is made, the Board Member to whom it was made may be disqualified from participating in the actions involving that donor.

California law prohibits a party, or an agent, from making campaign contributions to SCAQMD 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 the SCAQMD; 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, SCAQMD 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 SCAQMD Governing Board Members can be found at the SCAQMD website (www.aqmd.gov). The list of current MSRC members/alternates can be found at the MSRC website (http://www.cleantransportationfunding.org).

SECTION I.

Con	ractor (Legal Name):								
	DBA, Name, County Filed in								
	Corporation, 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

¹ The information provided on this form does not, and is not intended to, constitute legal advice. To the extent that you may have questions regarding any case law, citations, or legal interpretations provided above please seek the guidance of your own independent counsel.

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 MSRCMember/Alternate Amount of Contribution Date of Contribution Name of Contributor Governing Board Member or MSRCMember/Alternate Amount of Contribution Date of Contribution Name of Contributor ____ Governing Board Member or MSRCMember/Alternate Amount of Contribution Date of Contribution Name of Contributor _____ Governing Board Member or MSRCMember/Alternate Amount of Contribution Date of Contribution I declare the foregoing disclosures to be true and correct. 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. 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 Governing Board or member/alternate of the MSRC in the 12



STEP 1: Please check all the appropriate boxes ☐ Individual (Employee, Governing Board Member)

South Coast Air Quality Management District

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

Direct Deposit Authorization

☐ New Request

=	endor/Contractor								
STEP 2:	Payee Information								
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Input By

Date ____



BOARD MEETING DATE: May 6, 2022

AGENDA NO. 8

PROPOSAL: Transfer Funds Between Major Objects and Execute Purchase

Orders for AQ-SPEC Program

SYNOPSIS: In July 2014, AQ-SPEC was established to perform systematic,

detailed characterizations of currently available air monitoring sensors using both field and laboratory-based testing and to communicate the results to the public. AQ-SPEC funds are included as part of Science & Technology Advancement's FY 2021-22 adopted budget. Based on an assessment of the existing

priorities and resources of this program, there is a need to reallocate funds. This action is to transfer up to \$85,000 between Major Objects and to execute purchase orders for air monitoring

equipment.

COMMITTEE: Technology, April 15, 2022; Recommended for Approval

RECOMMENDED ACTIONS:

- 1. Transfer up to \$85,000 from the Services and Supplies Major Object to the Capital Outlays Major Object in Science & Technology Advancement's FY 2021-22 Budget (Org 43); and
- 2. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to execute purchase orders for the following equipment as listed in Table 1:
 - a. One 55i Non-Methane Hydrocarbon Analyzer from Thermo Fisher Scientific, Inc. (Thermo), in an amount not to exceed \$27,000;
 - b. One 1160 Zero Air Generator from Thermo, in an amount not to exceed \$14,000;
 - c. One 49iQ Ozone Monitor from Thermo, in an amount not to exceed \$15,000; and
 - d. One T700U Dynamic Dilution Calibrator from Teledyne Technologies, Inc. (Teledyne) in an amount not to exceed \$29,000.

Wayne Nastri Executive Officer

Background

In 2014, South Coast AQMD established the AQ-SPEC to characterize the performance of commercially available air quality sensors using both field and laboratory-based testing and communicate such results to the public through an information website. Air quality sensors that produce reliable data, can significantly augment and supplement current ambient air monitoring capabilities that predominantly rely on more sophisticated and expensive fixed-site federal-reference monitoring devices and methods. In addition, they also have become effective tools in introducing students to and engaging them in air quality matters.

The type and number of sensors that have been tested through the AQ-SPEC program has grown substantially over the years. To date, staff has evaluated over 170 sensors measuring particle and gaseous pollutants (mainly fine particulate matter, ozone, nitrogen oxides, and other criteria pollutants) for their accuracy and overall quality. Interest is rapidly increasing in the use of air quality sensors for measurements of VOCs, with potential applications for ambient air monitoring, hotspot detection, personal exposure, and fenceline monitoring. AQ-SPEC methods include the performance testing of sensors in both laboratory and field environments to inform the public, community groups, citizen scientists, researchers and other potential users on the actual capabilities of these emerging sensor technologies.

The AQ-SPEC program performs the evaluation of air quality gas sensors through collocated measurements with reference instruments which must be calibrated periodically to ensure their readings are reliable and accurate. Currently, the AQ-SPEC program does not have dedicated resources for VOC equipment calibration activities. As the program requires the calibration of multiple analyzers at two field testing sites, two test laboratory chambers and a mobile platform, it is necessary to set up a dedicated calibration station to ensure uninterrupted operations.

Proposal

This action is to transfer up to \$85,000 from the Services and Supplies Major Object to the Capital Outlays Major Object in Science & Technology Advancement's FY 2021-22 Budget (Org 43). This action is also to authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue sole-source purchase orders to purchase a 55i Non-Methane Hydrocarbon Analyzer, 1160 Zero Air Generator, 49iQ Ozone Monitor from Thermo, and a T700U Dynamic Dilution Calibrator from Teledyne for an amount not to exceed \$85,000.

<u>Proposed Purchases through Sole Source Purchase Orders</u>
This action is to purchase the following equipment as listed in Table 1.

Thermo Model 55i

A Non-Methane Hydrocarbon Analyzer is needed to provide high resolution measurements of total VOC for field testing of VOC sensors. Ambient VOC concentrations can change rapidly, with increased VOC levels often being short-lived. In addition, VOC sensors typically report data at 1-minute intervals, so their evaluation in the field under ambient conditions requires a reference VOC monitor with the same or better time resolution.

Thermo Model 1160

A Zero Air Generator would be purchased to provide a self-contained source of high purity zero air for dilution calibrators and would be used in conjunction with the Non-Methane Hydrocarbon Analyzer as mentioned above. It is ideal for use with highly sensitive gaseous analyzers in ambient background and trace level applications at high pressure to support flame combustion and actuator controls.

Thermo Model 49iQ

An ozone monitor is needed to serve as an ozone transfer standard when calibrating reference ozone monitors for laboratory and mobile testing of ozone sensors. The Model 49iQ is highly sensitive and accurate, is ideal for calibrating reference and regulatory-grade ozone monitors and has been used for this purpose at all South Coast AQMD network air monitoring stations for several years.

Teledyne Model T700U

A Calibration/Dilution System with Ozone Generator is needed for the calibration of different gas analyzers. Using highly accurate mass flow controllers combined with compressed sources of standard gases, calibration standards are provided for multipoint span and zero checks using up to four gas sources. The Model T700U is designed for the demanding requirements of very sensitive measurements and is essential for accurate testing of air monitoring sensors with wide sensitivity and accuracy ranges.

Sole Source Justification

Section VIII.B.2 of South Coast AQMD's Procurement Policy and Procedures identifies provisions under which sole source awards can be made. The request for sole source purchase of the Non-Methane Hydrocarbon Analyzer and the Zero-Air Generator from Thermo is made under provision VIII.B.2.c.(1): "The unique experience and capabilities of the proposed contractor or contractor team". The purchase of the Non-Methane Hydrocarbon Analyzer from Thermo is proposed under this section since this is the only instrument with a very low detection limit of ambient TVOC concentrations at a very high time resolution that allows for direct comparison with sensors. This instrument requires a constant zero-air supply at a very high pressure to support flame combustion and actuator controls, and staff have identified the Zero Air Generator from Thermo as the only instrument having this capability for this requirement.

The request for sole source purchase of the Calibration/Dilution System with Ozone Generator from Teledyne and of the Ozone Monitor from Thermo is made under provision VIII.B.2.d.(6), "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 "Projects requiring compatibility with existing specialized equipment." The purchase of these two instruments is proposed under this section since identical items are already in use at multiple South Coast AQMD's air monitoring network stations to calibrate regulatory-grade ozone monitors and have been integrated well with a consistent history of reliability.

Benefits to South Coast AQMD

The proposed purchases are necessary to enhance the field and laboratory testing capabilities of the AQ-SPEC program, to guarantee the performance of the program's reference gas analyzers, ensure their uninterrupted operation, and to expand our current testing capabilities to include the laboratory evaluation of VOC sensors that are starting to become available for public purchase and use.

Resource Impacts

Sufficient funding is currently available to transfer funds and purchase the instruments needed to enhance the field and laboratory testing capabilities of the AQ-SPEC program.

Attachment

Table 1 - Proposed Sole Source Purchase Orders for AQ-SPEC Program for FY 2021-22

Table 1
Proposed Sole Source Purchase Orders for AQ-SPEC Program for FY 2021-22

Capital Outlay Major Object	Account Number	Qty	Estimated Cost
Non-Methane Hydrocarbon Analyzer (Thermo Fisher Scientific, Inc., Model 55i)	77000	1	\$27,000
Zero Air Generator (Thermo Fisher Scientific, Inc., Model 1160)	77000	1	\$14,000
Ozone Monitor (Thermo Fisher Scientific, Inc., Model 49iQ)	77000	1	\$15,000
Calibration/Dilution System with Ozone (O3) Generator (Teledyne Technologies, Inc., Model T700U)	77000	1	\$29,000
Total			Not to Exceed \$85,000



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 9

PROPOSAL: Approve Compensation Adjustments for Board Member Assistants

and Board Member Consultants for FY 2022-23

SYNOPSIS: The Board Member Assistant and Board Member Consultant

compensation is proposed to be amended to adjust the compensation level the South Coast AQMD may make per Board Member, per fiscal year, based on the Board approved assignment-of-points methodology. The points are calculated based on the level of

complexity, number of meetings, and role.

COMMITTEE: Administrative, April 8, 2022; Recommended for Approval

RECOMMENDED ACTION:

Approve adjustments to compensation for Board Member Assistants and Board Member Consultants for FY 2022-23 in accordance with the Administrative Code and as described in Attachment A.

Wayne Nastri Executive Officer

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Background

Board Members must address an ever-increasing range of complex issues related to performance of their duties, requiring increased assistance, and it is appropriate to make adjustments to the maximum support level expenditure South Coast AQMD may make per Board Member, per fiscal year, based on the assignment-of-points methodology that was approved at the July 2015 Board meeting and incorporated into Section 112, Exhibit I of the Administrative Code.

The Administrative Code describes an assignment-of-points methodology that is based on the level of complexity, number of meetings, and role (such as providing support for the Chair or Vice-Chair). Additionally, the Administrative Code defines the minimum and maximum amounts that may be allocated per Board Member.

Proposal

This action is to approve the support level of expenditures for Board Member Assistants and Board Member Consultants for FY 2022-23 in accordance with the Administrative Code. Upon approval, Board Members will select Board Assistants and Consultants and allocate their funds.

Resource Impacts

Sufficient funding will be requested in the FY 2022-23 Budget to accommodate the recommended adjustments.

Attachment

Proposed Board Member Committee/Advisory/Other Group Assignment Points Calculation for FY 2022-23.

ATTACHMENT A

Board Member Committee/Advisory/Other Group Assignment Points Calculation for FY 2022-23

Governing Board Member	Committee/Advisory/ Other	Calculated Maximum
	Group Assignment Points *	Support Level **
Do	65	\$39,624
Perez	88	\$44,045
Raman	88	\$44,045
McCallon	90	\$45,046
Kuehl	108	\$54,055
Cacciotti	120	\$60,062
Richardson	120	\$60,062
Rodriguez	123	\$61,563
Padilla-Campos	125	\$62,564
Rutherford	134	\$67,069
Kracov	205	\$102,605
Delgado (Vice-Chair)	237.5	\$118,872
Benoit (Chair)	272	\$118,872

^{*} Point Calculation does not account for additional responsibilities for Chair and Vice-Chair.

^{**} Calculated Maximum Support Level based on the Board Member's total points in comparison to the Vice-Chair's total points (not to go below \$39,624 and above \$118,872).



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 10

PROPOSAL: Appropriate Funds and Amend Contract with Strumwasser &

Woocher, LLP to Provide Representation and Advice to South

Coast AQMD Hearing Board

SYNOPSIS: In August 2020, the Board authorized the Executive Officer to

execute a contract with Strumwasser & Woocher, LLP to provide legal representation and advice to the Hearing Board as the need arises for a total not to exceed \$15,000 annually for up to three years. This action is to appropriate \$35,000 from the General Fund to the Clerk of the Boards FY 2021-22 and/or FY 2022-23 Budget, Services and Supplies Major Object, Professional and Special Services Account, and amend the contract with Strumwasser & Woocher, LLP to add funds in an amount not to exceed \$35,000 for specialized legal counsel and services as required by the South Coast

AQMD Hearing Board.

COMMITTEE: Administrative, April 8, 2021; Recommended for Approval

RECOMMENDED ACTION:

Appropriate a total of \$35,000 from the General Fund Undesignated (Unassigned) Fund Balance to be used in FY 2021-22 and/or FY 2022-23 Budget, Services and Supplies Major Object, Professional and Special Services Account

Wayne Nastri Executive Officer

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Background

In August 2020, the Board authorized the Executive Officer a contract with Strumwasser & Woocher, LLP to provide legal representation and advice the Hearing Board as the need arises. The Board approved a total not to exceed \$15,000 annually for up to three years, representing \$45,000 over the three years. The contract was executed on September 30, 2020, and there is still about 18 months remaining with this contract. The current amount allocated will not cover services needed by the Hearing Board.

Proposal

South Coast AQMD staff has received invoices from Strumwasser & Woocher for approximately \$40,000 for legal services for the Hearing Board. The Hearing Board is requesting an additional \$35,000 to cover legal services through September 2023. It is necessary to increase the money for the Hearing Board to ensure outside legal representation is available to the Hearing Board when the need arises.

Resource Impacts

Sufficient funds will be available in the General Fund's FY 2021-22 and/or FY 2022-23 Budget upon approval of this Board letter. This action will bring the total amount for this contract for outside counsel costs approved by the Board in FYs 2020-23 to \$80,000.



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 11

PROPOSAL: Appoint Members to South Coast AQMD Hearing Board

SYNOPSIS: The terms of office for the two Hearing Board Public Members

and the Medical Member, as well as their alternates, expire on June 30, 2022. In November 2021, a recruitment was opened to seek candidates for the new terms, July 1, 2022 through June 30, 2025. As required by state law, an Advisory Committee (Hearing Board Advisory Committee) appointed by five members of the Governing Board reviewed and ranked the applicants. On March 16, 2022, the Hearing Board Advisory Committee recommended the five top-scoring Public Member candidates and the two Medical Member candidates for interviews. The Administrative Committee interviewed the candidates at its meeting on April 8,

2022 and made final recommendations.

COMMITTEE: Administrative, April 8, 2022; Recommended for Approval

RECOMMENDED ACTION:

- 1. Reappoint Dr. Allan Bernstein as Medical Member and appoint Dr. Wayne Chen as the Altlernate Medical Member to the South Coast AQMD Hearing Board for the term beginning July 1, 2022 and ending June 30, 2025; and
- 2. Reappoint Cynthia Verdugo-Peralta and appoint Micah Ali as Public Members; and reappoint Robert Copeland and appoint Steven Samaniego as Alternate Public Members to the South Coast AQMD Hearing Board for the term beginning July 1, 2022 and ending June 30, 2025:

Wayne Nastri Executive Officer

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Background

The Hearing Board is a quasi-judicial body that is appointed by, but acts independently of, the Governing Board to provide relief from South Coast AQMD rules and regulations if specific findings are demonstrated. Pursuant to California Health and Safety Code Section 40501.1, the Governing Board appoints five members to the

Hearing Board: one attorney member, one engineer member, one medical doctor and two public members. Hearing Board members serve terms of three years each and the terms are staggered to provide continuity.

The current terms for the two public members and the medical member expire on June 30, 2022. A recruitment was opened from November 16, 2021 to January 14, 2022 to seek candidates for the new term effective July 1, 2022 through June 30, 2025. At the closing of the filing deadline, there were nine applications received for the Public Member positions and only one candidate for the medical member position. The filing deadline for the Medical Member position was extended to March 11, 2022 to seek additional candidates; only one additional application was received by the deadline.

The positions were promoted on several job boards, social media platforms, and employment websites, including various health associations and local public health departments. Additionally, dear colleague letters were sent to various medical and health associations to promote the medical member position.

Section 40501.1(b) states that in the recruitment of Hearing Board members, an advisory committee appointed by five members of the Governing Board shall be responsible to review and make recommendations to the appropriate Governing Board committee¹, which in turn will forward its recommendations to the full Governing Board. The Hearing Board Advisory Committee (Advisory Committee) is composed of one representative appointed by each of the Governing Board members representing the Counties of Los Angeles, Orange, Riverside, and San Bernardino, and the City of Los Angeles; members are appointed for one-year terms. The Advisory Committee members for this recruitment are listed below.

Member	Representing	
Lucy Dunn	County of Orange	
President & CEO, Orange County Business Council	County of Orange	
Rodolfo Gutierrez	County of Divorcida	
RG2 Staffing	County of Riverside	
Loraine Lundquist	County of Los Angeles	
South Coast AQMD Governing Board Consultant	County of Los Angeles	
Ray Regalado		
Los Angeles County Commission on Human Relations	City of Los Angeles	
(Retired January 2022)		
Dr. William Sterling	County of San Ramandina	
President & CEO, BCM Group	County of San Bernardino	

¹ The Governing Board's Administrative Committee is charged with this responsibility.

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The Advisory Committee reviewed and scored applicants, based on a set of criteria they reviewed and approved. At the request of the Advisory Committee, a three-member panel of South Coast AQMD executive management staff also evaluated and scored the candidates, which the Advisory Committee used to cross reference against their individual scores. Of the three South Coast AQMD staff panelists, one is African American and two are Hispanic. The South Coast AQMD staff panelists included one female and two males.

On March 16, 2022, the Hearing Board Advisory Committee met to discuss the overall scores and rankings of the candidates. There were nine qualified candidates for the Public Member positions. The Advisory Committee agreed to recommend that the five top-scoring candidates move forward to the Administrative Committee for interviews. Since there were only two applicants for the Medical Member position, the Advisory Committee did not score/rank the two candidates and deemed both qualified for interviews with the Administrative Committee. The candidates are listed below in alphabetical order.

Public Member	Medical Member			
Candidates	Candidates			
*Micah Ali	*Allan Bernstein			
*Robert Copeland	Wayne Chen			
Steven Samaniego				
Catherine Showalter				
*Cynthia Verdugo-Peralta				
*Current Hagging Roard Member or Alternate Member The current				

^{*}Current Hearing Board Member or Alternate Member. The current Alternate Medical Member did not seek reappointment and one of the public members resigned effective December 31, 2021, therefore that position has been vacant.

Proposal

After interviewing the five public member candidates and two medical member candidates on April 8, 2022, the Administrative Committee recommends the following appointments/reappointments to the South Coast AQMD Hearing Board for the term commencing July 1, 2022, ending June 30, 2025:

Dr. Allan Bernstein, Medical Member Cynthia Verdugo-Peralta, Public Member Micah Ali, Public Member

Dr. Wayne Chen, Alternate Medical Member Robert Copeland, Alternate Public Member Steven Samaniego, Alternate Public Member

Subsequent to the Administrative Committee's recommendation, the recommended appointees were contacted, and each confirmed their willingness to serve. Summaries of of the recommended appointees qualifications are as follows.

Medical Member

Allan Bernstein, DPM, MBA is a physician specializing in reconstructive foot and ankle surgery, Dr. Bernstein has been in private practice in Orange County since 1984. Dr. Bernstein holds a BA from Boston University, MBA from the Healthcare Executive Program at the University of California, Irvine and received his DPM from the New York College of Podiatric Medicine. He also works as a Consultant in Healthcare and Government/ Public Affairs. He previously served on the City Council of Tustin and served two terms as Mayor. During his tenure he served on a number of committees with an environmental focus, including the Orange County Local Agency Formation Committee, Southern California Water Coalition, Orange County Sanitation, President of the Orange County Mosquito and Vector Control Board, and Chair of the Environmental Quality Committee for the League of California Cities. He is an award-winning author and lecturer.

Alternate Medical Member

Dr. Wayne Chen is a first-generation Chinese American immigrant from Taiwan who has lived in Southern California for over 40 years and received his undergraduate and medical school educations from Caltech and the University of Southern California, respectively. He is a Family Practice, Internal Medicine and Geriatrician physician by training and has served as faculty educating the next generation of healthcare professionals at two local prestigious universities for over 10 years, while managing a physician homecare program for homebound seniors throughout Southern California. Over the past 10 plus years, Dr. Chen has served as a physician executive for a global healthcare organization with an annual revenue of \$1 billion in 40 countries, was an advisor to the Centers of Medicaid and Medicare Services (MEDCAC), serves on the board of a behavioral health organization for children, in addition to managing population health and quality at three California-based health plans with a combined membership of five million. Dr. Chen has also been a speaker for the Alzheimer's Association to increase community awareness about the identification and treatment of dementia. He has dedicated his career to the treatment of those living with chronic conditions of all ages.

Public Members

Cynthia Verdugo-Peralta has over 25 years of experience in air quality/air pollution control, rulemaking, Environmental Justice and Small Business issues, specifically with the South Coast AQMD. She served on several South Coast AQMD technical committees and advisory groups before being appointed to the Governing Board, becoming the first Hispanic as the Governor's Appointee. She served two terms, representing both Governors Davis and Schwarzenegger. During her tenure, she Chaired and was Vice-Chair for several South Coast AQMD Advisory Groups. She also

worked on South Coast AQMD's historic "Fleet Rules," concentrating on the School Bus Rule. She represented the South Coast AQMD on several Fuel Cell and Hydrogen Advisory Groups, including the Governor's Hydrogen Highway. Ms. Verdugo-Peralta returned to the South Coast AQMD in 2016, as a Hearing Board alternate. In 2019, she was appointed as the Public Member and was elected Chair in 2021. With this appointment, Ms. Verdugo-Peralta becomes the first person to serve on both the South Coast AQMD's Governing Board and Hearing Board. Ms. Verdugo-Peralta is the recipient of the South Coast AQMD's prestigious Clean Air Award for Citizen Promotion of Good Environmental Stewardship, as well as other clean transportation awards. Ms. Verdugo-Peralta has served on several boards and commissions, including as President of the Asthma and Allergy Foundation of America. Ms. Verdugo-Peralta also possesses over 30 years of utility industry experience. Her educational background includes attending Cal State University, Long Beach, majoring in English and the University of La Verne, majoring in Public Administration and Organizational Management. Ms. Verdugo-Peralta is a native Californian and has lived and worked in each of South Coast AQMD's four counties. She continues to strive for a balance between air pollution control, the need for a robust economy, and an advocate for new, clean and more efficient technologies. She and her husband, Art Peralta, a retired Forester for Southern California Edison, have two adult children and six grandchildren. They live in the beautiful wine country of Temecula.

Micah Ali is a public advocate and community leader who has championed students, working families, and urban communities since 2007 on the Compton Unified School District Board of Trustees. His record of public service and community engagement includes serving as the national Chair of the Council of Urban Boards of Education, national Chair-elect of the National Black Council of School Board Members, Founder of the California Association of Black School Educators, and Senate appointee to California's Racial and Identity Profiling Advisory Board. His environmental justice work includes serving as President of the Compton Creek Mosquito Abatement District, a Member of the South Coast Air Quality Management District's Environmental Justice Working Group, and a member of the Friends of Ballona Wetlands Board of Directors. Mr. Ali is the longest-serving President in the history of the Compton Unified School District and a proud graduate of Loyola Marymount University.

Alternate Public Members

Robert Copeland was appointed to the Hearing Board as an Alternate Public Member in June 2012, to fill an unexpired term, and reappointed in 2013, 2016, and 2019. He has been an environmental engineer with The Boeing Company since 1998, including eight years as a Senior Manager in the Environment, Health and Safety organization. Currently, he is leading the company's global strategy for chemical transportation compliance. Outside of work, Mr. Copeland has taken an active role in promoting

environmental stewardship in his community, and was appointed by the Signal Hill City Council to serve as the chairperson of the City's Sustainability Committee in 2008. He first served as an elected official as City Clerk from 2014 to 2017. In 2017, he was elected to the Signal Hill City Council, was appointed to serve as the Mayor in March of 2020, and was re-elected to city council in December 2020. Mr. Copeland holds a B.S. in Chemistry from the University of California, Los Angeles, an MBA from Pepperdine University, Malibu, California, and a Juris Doctorate from Southwestern University School of Law, Los Angeles, California.

Steven Samaniego has many years of experience in the environmental regulatory field working for the Riverside County Environmental Health Department and the City of West Covina Environmental programs dealing and coordinating with various Federal, state and local environmental agencies. He is a Registered Environmental Health Specialist, specializing in the field of solid waste management. Mr. Samaniego currently serves as a Commisioner to the Los Angeles County Board of Supervisors as a Local Enforcement Agency Hearing Officer for the Los Angeles County Environmental Health Waste Management program. Mr. Samaniego also serves as a Commisioner to the Los Angeles City Council as a Local Enforcement Agency Hearing Officer for the Sunshine Canyon landfill.

Fiscal Impacts

Sufficient funds are budgeted each year to compensate those who serve on the Hearing Board.



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 12

PROPOSAL: Authorize Purchase of OnBase Software Support

SYNOPSIS South Coast AQMD uses OnBase software for its electronic

document management system to manage critical documents and to support the Record Retention Policy. Software subscription and support for OnBase expires on July 31, 2022. This action is to obtain approval for sole source purchase of OnBase software subscription and support for one year from Information

Management's FY 2022-23 Budget. Funds for this purchase (\$150,000) are conditional on approval of the Proposed FY 2022-

23 Budget.

COMMITTEE: Administrative, April 8, 2022; Recommended for Approval

RECOMMENDED ACTION:

Authorize the Procurement Manager to purchase OnBase software subscription and support for one year from Hyland Software at a cost not to exceed \$150,000 contingent on approval of this funding in Information Management's Proposed FY 2022-23 Budget, Services and Supplies Major Object, Professional and Special Services Account.

Wayne Nastri Executive Officer

RMM:MH;cj

Background

South Coast AQMD uses OnBase software as its electronic document management system, which has maintained South Coast AQMD documents and other critical records since 1990. Total storage to date is over three million multi-page documents. OnBase is used by many of South Coast AQMD's mission critical web applications including Online Application Filing, Asbestos Notifications, and Oil and Gas Well Electronic Notification and Reporting. OnBase is a Windows-based, menu-driven, document

management system designed to store and retrieve critical documents in electronic format. The system provides concurrent information to multiple workstations simultaneously. It has a flexible compound document structure where black-and-white or color images co-exist with text and data within a single document. It stores various types of documents such as Microsoft Word documents, Outlook emails, PDFs, videos and data files.

The system includes document routing and ad-hoc, scheduled point-to-point, and broadcast distribution of documents. It contains a complete set of markup and annotation tools that allow users to add notes, comments and drawings to pages without compromising the original document's integrity. The system has full network support so information can be distributed rapidly within an organization regardless of architecture. Finally, the system has an extensive number of features to allow the secure display of documents on South Coast AQMD's internal and external websites and on iPhone, iPad and Android mobile applications. OnBase software subscription and support expires on July 31, 2022.

Proposal

Hyland Software is the sole manufacturer and provider of OnBase software and is, therefore, the only source for its maintenance support licensing agreements. Staff recommends the purchase of OnBase software subscription and support for one year from Hyland Software at a cost of \$150,000.

Sole Source Justification

Section VIII.B.2 of the Procurement Policy and Procedure identifies circumstances under which a sole source purchase award may be justified. This request for a sole source award is made under provision VIII.B.2.c.(2) and (3). The products and services are available from only the sole source; involve the use of proprietary technology; and use key contractor-owned assets for project performance. The cost of these support services reflects General Services Administration pricing.

Resource Impacts

Sufficient funds are included in Information Management's Proposed FY 2022-23 Budget within the Services and Supplies Major Object Professional and Special Services Account.





BOARD MEETING DATE: May 6, 2022

AGENDA NO. 13

PROPOSAL: Issue New Solicitations and Approve Substitute Award Recipient

as Approved by MSRC

SYNOPSIS: The MSRC approved a Program Announcement for major event

center transportation projects and a Program Opportunity Notice (PON) for Transformative Transportation Strategies & Mobility

Solutions as part of their FYs 2021-24 Work Program.

Additionally, the MSRC approved a substitute award recipient for a

previous award under the Hydrogen Infrastructure Partnership Program as part of their FYs 2016-18 Work Program. At this time, the MSRC seeks Board approval of the substitute award recipient and to release the solicitations as part of the FYs 2016-18 and

2021-24 Work Programs.

COMMITTEE: Mobile Source Air Pollution Reduction Review, April 21, 2022;

Recommended for Approval

RECOMMENDED ACTIONS:

- 1. Approved substitution of Nikola-TA HRS 1, LLC (a Delaware limited liability company) instead of Nikola Energy, Inc., to receive \$1,660,000 award to install publicly accessible hydrogen fueling station in Ontario, California under the Hydrogen Infrastructure Partnership Program as part of the FYs 2016-18 Work Program, as described in this letter;
- 2. Authorize the Board Chair to execute the contract under the FYs 2016-18 Work Program, as described above and in this letter;
- 3. Issue Program Announcement for the Major Event Center Transportation Program, as part of approval of the FYs 2021-24 Work Program, with a targeted funding level of \$3,000,000, as described in this letter and in the attached; and
- 4. Issue PON for Transformative Transportation Strategies & Mobility Solutions as part of approval of the FYs 2021-24 Work Program, with a targeted funding level of \$3,000,000, as described in this letter and in the attached.

Larry McCallon Chair, MSRC

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 subvened 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.

Proposals

At its April 21, 2022 meeting, the MSRC considered recommendations from the MSRC Technical Advisory Committee (MSRC-TAC) and approved the following:

FYs 2016-18 Hydrogen Infrastructure Partnership Program

As part of the FYs 2016-18 Hydrogen Infrastructure Partnership Program, the MSRC approved an award of \$1,660,000 to Nikola Energy, Inc. (Nikola) to install a publicly accessible hydrogen fueling station in Ontario, California. The station was to be installed on the property of Nikola's partner, Travel Centers of America (TA). After the award, clarification was obtained that the fueling infrastructure would be actually owned by a special purpose entity established by Nikola and TA: Nikola-TA HRS 1, LLC (a Delaware limited liability company). In order to enhance accountability in administration of the project, it was recommended that the MSRC substitute Nikola-TA HRS 1, LLC as recipient of the award, in that they are the entity which will actually own the infrastructure. The MSRC considered and approved the substitute award recipient.

FYs 2021-24 Major Event Center Transportation Program

The MSRC approved the release of Program Announcement #PA2022-04 under the FYs 2021-24 Work Program. The Program Announcement, with an initial targeted funding amount of \$3,000,000, solicits applications from qualifying major event centers and/or transportation providers to provide transportation service for venues not currently served by sufficient transportation service. A geographical funding minimum has been set at \$250,000 per county, which will be made available to projects from other counties if there are insufficient qualifying projects within a county. To qualify, an event center must have an occupancy capacity of at least 7,500, and an average event attendance of at least 5,000. The applicant must demonstrate that the center is impacted by traffic to the extent that the design capacity of the surrounding streets is exceeded. Applications may be submitted at any time from May 6 to October 28, 2022, and projects will be brought to the MSRC for consideration of awards throughout this period. Applicants are eligible to propose a maximum of two consecutive event seasons and are obligated to continue performing service for an additional two consecutive event seasons.

FYs 2021-24 Transformative Transportation Strategies & Mobility Solutions Program
The MSRC also approved the release of PON #PON2022-01 under the FYs 2021-24
Work Program. The PON, with a targeted funding amount of \$3,000,000, seeks the
submittal of conceptual projects that offer to demonstrate new and innovative
transportation strategies, above and beyond traditional transportation demand strategies,
which would be replicable on a broader scale throughout the South Coast region. The
PON has a clear focus on "people movement" as opposed to goods movement. Project
concepts may be submitted at any time from May 6 to August 5, 2022. Upon receipt of
a project concept, the MSRC could a) request a more detailed proposal for possible
sole-source award; b) notify entities that an RFP will be issued at a later date; or c)
decline the funding request.

Outreach

In accordance with South Coast AQMD's Procurement Policy and Procedure, public notices advertising the Major Event Center Transportation Program Announcement and the Transformative Transportation Strategies Program Opportunity Notice will be 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 solicitations will be advertised in the Desert Sun newspaper for expanded outreach in the Coachella Valley. Additionally, potential bidders may be notified utilizing South Coast AQMD's own electronic listing of certified minority vendors. Notice of the solicitations will be emailed to the diverse spectrum of Legislative Caucuses and chambers of commerce and business associations and placed on South Coast AQMD's website (http://www.agmd.gov), where it can be viewed by making the selection "Grants and Bids." Further, the solicitations will be posted on the MSRC's website at http://www.cleantransportationfunding.org and electronic notifications will be sent to those subscribing to this website's notification service.

At this time, the MSRC requests the South Coast AQMD Board approve the substitute award recipient and the release of the solicitations as part of approval of the FYs 2016-18 and 2021-24 AB 2766 Discretionary Fund Work Programs as outlined above.

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.

Attachments

- 1. Program Announcement PA2022-04 Major Event Center Transportation Program
- 2. Program Opportunity Notice PON2022-01 Transformative Transportation Strategies & Mobility Solutions



MAJOR EVENT CENTER TRANSPORTATION PROGRAMS

Funding for the Implementation of Zero & Near-Zero
Emissions Transportation for Major Event Center Destinations
in the South Coast Air Quality Management District

2021 - 2024 Edition

Program Announcement

PA2022-04

May 6, 2022

SECTION 1 - INTRODUCTION

The Mobile Source Air Pollution Reduction Review Committee (MSRC) Major Event Center Transportation Program first debuted in 2010, and over the past twelve years the MSRC has co-funded numerous programs that provided convenient, low-cost transportation alternatives for accessing major sports and entertainment venues throughout the South Coast region. The purpose of this Program Announcement is to again offer event center transportation co-funding, but with an important caveat; the MSRC intends this offering to be the final funding under this Program.

A primary goal of Major Event Center Transportation Program remains the same: seek cost-effective opportunities to reduce a significant number of automobile trips and their associated air pollutant emissions by shifting attendees of major event center functions out of their personal automobile and onto zero and near-zero emission transportation alternatives. This final edition carries with it an additional but equally important objective – to successfully transition our long-time transportation partners to *ongoing*, *sustainable event center transportation*. This will ensure the MSRC's decade-long investment continues to pay dividends to the communities that bear the air pollution and traffic congestion burden, the oftentimes unrecognized byproducts of major entertainment venues.

The past decade has brought significant advancements in automotive technology. Low-emitting gasoline vehicles, hybrid electric vehicles, and a rapidly increasing number of zero-emission electric vehicles have resulted in an overall cleaner fleet of personal automobiles. As a result of this fleet modernization, the overall automobile fleet emissions in the South Coast region are about 77% lower than when the Event Center Program began in 2010. To ensure this final Event Center program achieves cost-effective air quality benefits, a primary focus of this funding opportunity is to align major event centers with operators of the cleanest vehicles, giving priority to those entities who commit to a zero-emission transportation option for event attendees.

The MSRC has allocated a total of \$3.0M in **Clean Transportation Funding™** for this Program. As discussed in subsequent sections of this Program Announcement, proposals will be accepted beginning on May 6, 2022, through October 28, 2022. This funding opportunity has at its core the following goals and objectives:

- ⇒ Partner with Major Event Center venues and transportation providers who have previously implemented and successfully demonstrated event center transportation services, and assist those partners in transitioning to ongoing, sustainable event center transportation. This includes the identification of funding sources or revenue to support future transportation services beyond this MSRC funding opportunity;
- ⇒ Seek out additional major event center venues located within the South Coast AQMD jurisdiction that experience high levels of traffic congestion during scheduled events and are not served by, or are insufficiently served by, regular public transit services;
- ⇒ Partner with transportation providers and event center venues to develop and implement new or expanded programs to attract patrons to transit services that are tailored to each venue's scheduled events;
- Utilize the cleanest commercially available vehicles to implement event center transportation service, with a preference for zero-emission vehicles. At a minimum, event center transportation vehicles must be 90% lower emitting than the current heavy-duty emissions standards;

This final Event Center Transportation Program funding opportunity spans three fiscal years – FYs 2021/'22 through 2023/'24. As noted herein, applicants may propose transportation services for a maximum of two consecutive event seasons, with an obligation to perform transportation service for an additional two (2) consecutive event seasons.

While many of the features of the previous event center programs are retained in this funding opportunity, several major changes should be noted:

- All on-road transportation performing Event Center transportation services under this Program must be zero emission or near-zero emission. This means that the vehicle drive system must be certified by the California Air Resources Board (CARB) as a zero-emission vehicle or meet CARB's Optional Low-NOx Standard of 0.02 grams per brake horsepower hour (g/bhp-hr).
- Applicants are eligible to propose a maximum of two (2) consecutive event "seasons", wherein a "season" consists of multiple events or an event that spans multiple days.
- All events receiving MSRC **Clean Transportation Funding™** under this Program Announcement must be held no later than December 31, 2025.
- Event transportation for the mandatory two additional consecutive years or consecutive event seasons must be completed no later than December 31, 2027.

The following Sections describe the eligibility requirements to participate in the MSRC Major Event Center Transportation Services Program and guidelines for proposal preparation. It is important to recognize that the MSRC must ensure that the use of Clean Transportation funds will result in <u>direct, tangible, and quantifiable air quality benefits</u>. To this end, this Program Announcement stipulates specific performance thresholds and participation obligations that must be met in order to be deemed eligible for an MSRC funding award. Projects submitted for funding consideration will be scrutinized to ensure they meet the minimum eligibility requirements described herein.

MSRC staff members are available to answer questions and provide technical and programmatic guidance as appropriate. Please refer to Section 6 of this document for a list of MSRC Staff contacts.

Available Funding - The total amount of MSRC Clean Transportation Funding™ allocated for the Major Event Center Transportation Program is \$3.0M. This funding level is a targeted amount – should meritorious projects be received totaling greater than \$3.0M, the MSRC reserves the right to increase the amount of total funding available.

Also, should the MSRC receive proposals with total requests less than the amount allocated, or if proposals are deemed non-meritorious, the MSRC reserves the right to reduce the total funding available and reallocate funds to other Work Program categories. The MSRC also reserves the right to not fund any of the proposals received, irrespective of the merits of the proposals submitted.

Please note that the source of MSRC Clean Transportation Funding[™] for projects submitted in response to this solicitation is motor vehicle registration fees collected by the California Department of Motor Vehicles (DMV) in accordance with the California Health and Safety Code. Thus, the availability of MSRC Clean Transportation Funding[™] is contingent upon the timely receipt of funds from the DMV. Neither the MSRC nor South Coast AQMD can guarantee the collection or remittance of registration fees by the DMV.

SECTION 2 – ELIGIBILITY REQUIREMENTS

This Program Announcement seeks to facilitate the reduction of automobile trips and mitigate traffic congestion by shifting event attendees out of their personal automobiles and onto zero and near-zero emission transportation at major event centers that are not currently served by adequate, regularly scheduled transit or shuttle service prior to, during, and following the venue's events.

For the purpose of this Program Announcement, the following eligibility requirements apply:

- Major Event Center a Major Event Center is defined as a publicly or privately-owned, publicly accessible venue located within the geographical jurisdiction of the South Coast Air Quality Management District that possesses the following attributes, at a minimum:
 - Occupancy capacity of at least 7,500 people;
 - Average event attendance of at least 5,000 people;
 - Dedicated parking lot or structure co -located with the event center.
- Traffic Impacted Event A scheduled event held at a Major Event Center that results in recurrent traffic
 congestion prior to, during, or after the scheduled event whose impact on surrounding roadways,
 arterials, intersections, or freeways exceeds design capacity;
- Transportation Provider includes but is not necessarily limited to a) public transit agencies, including regional and municipal transit agencies and authorities; b) private transit operators, including subcontractor service providers to public transit agencies; and c) paratransit providers and other licensed, private transportation and shuttle providers;
- Qualifying Transportation Vehicles vehicles proposed for use in Event Center Transportation Services must conform to the following minimum requirements:

On-Road Bus and Shuttle Vehicles:

- All on-road vehicles performing Event Center transportation services under this Program must be certified by the California Air Resources Board as zero-emission vehicles or be equipped with an engine that is certified at CARB's Optional Low-NOx emission standard of 0.02 g/bhp-hr;
- Vehicle Seating Capacity vehicles must have a minimum seated position capacity of twentytwo (22) occupants;
- Vehicles must meet all Americans with Disabilities Act (ADA), US Department of Transportation
 (DOT), California Department of Motor Vehicles (DMV), and other applicable regulatory agency.
- Transportation Deficient the Event Center must be Transportation Deficient. This is defined as an Event Center that is not served by regularly scheduled public transit or private shuttle service sufficient to entice patrons to attend the event using public transit rather than private automobile, or is served by public and/or private transportation services that are operating at maximum capacity. Please note that this Program Announcement is NOT intended to subsidize ongoing public or private transportation services.

The MSRC seeks the formation of *partnerships* between traffic-impacted, transportation-deficient major event centers and transportation providers who operate qualifying vehicles. The following Sections define who is eligible to submit a proposal to the MSRC, who is eligible to enter in to a contract for event center transportation services, and what transportation costs are eligible for reimbursement by the MSRC:

- Who can submit a proposal in response to this Program Announcement? Either a qualifying major event center, a qualifying transportation provider, or a County Transportation Commission may respond to this Program Announcement and submit a proposal for MSRC consideration. Proposals may also be submitted from a joint County Transportation Commission/event center/transportation provider partnership. Please note that the following conditions apply:
 - A proposal submitted by qualifying Major Event Centers must identify what Transportation Provider(s) will provide the event center service. The proposal must include a Memorandum of Understanding (MOU) or letter of support between the event center and transportation provider(s) stating their mutual intent to implement and operate event center transit service in accordance with Program requirements in the event the MSRC provides a funding award;
 - A proposal submitted by a qualifying Transportation Provider must identify which Major Event Center(s) will be served in the Program. The proposal must include an MOU or letter of support between the transportation provider and event center(s) stating their mutual intent to implement and operate event center transit service in accordance with Program requirements in the event the MSRC provides a funding award;
 - A proposal submitted by a County Transportation Commission must identify which Major Event Center(s) will be served in the Program and identify what Transportation Provider(s) will provide the event center service. The proposal must include an MOU or letter of support between the County Transportation Commission and transportation provider and/or event center(s) stating their mutual intent to implement and operate event center transit service in accordance with Program requirements in the event the MSRC provides a funding award;
 - A proposal submitted jointly by a County Transportation Commission in partnership with an event center and transportation provider(s) must also include an MOU or letter of support, as above.
- Who is eligible to receive an award of MSRC Clean Transportation Funding™ under this Program Announcement? While either a County Transportation Commission, major event center or qualifying transportation provider are eligible to submit a proposal, only the qualifying transportation provider or County Transportation Commission is eligible to enter into a contract on behalf of the proposed event center transportation service partnership. The rationale for this restriction is that only transportation service costs (including transit program and traffic control costs) are eligible for reimbursement under this Program. Thus, it makes sense that the service provider who incurs direct expenses in providing transportation services be the party to the contract that provides reimbursement. Please note that the MSRC does not enter into three-party agreements.

In summary, major event centers that meet the above eligibility requirements and transportation providers that meet qualifying requirements are eligible to participate in this MSRC Program. Both Event Centers and Transportation Providers are eligible to submit a proposal; however, each party must be identified by name in the proposal, accompanied by a MOU between the named participants. Only the transportation provider can be the MSRC funding recipient and contract signatory.

SECTION 3 - PARTICIPATION GUIDELINES, CONDITIONS, & RESTRICTIONS

The following guidelines, requirements, and conditions have been established and apply to all Proposals:

- 1. Program Scope The primary objective of this Program is to eliminate automobile trips, reduce automobile vehicle miles traveled (VMT), and reduce traffic congestion in the vicinity of a major event center prior to, during, and following an event, resulting in a reduction in air pollutant emissions. Automobile trip reduction and traffic congestion mitigation are achieved by shifting the travel mode of event attendees from their personal automobile and onto new or expanded zero or near-zero emission transportation service or dedicated zero/near-zero emission shuttle event center feeder service. MSRC Clean Transportation Funding™ is available to co-fund the cost of implementing new or expanded transportation programs. Only direct costs of transportation programs are eligible for reimbursement under this Program. Proposals submitted in response to this Program Announcement must include as named participants the major event center where new or expanded transit or shuttle service will be operated, as well as the transportation provider who will implement the event center transportation program.
- 2. Geographical Funding Minimum The MSRC has established a Geographical Funding Minimum for each county within the SCAQMD. The geographical funding minimum amount has been set at \$250,000 per county. This funding set-aside guarantees a minimum level of funding for each county to implement Event Center Transportation projects. At the end of the application submittal period, October 28, 2022, if any county has funds remaining in its geographical minimum, these funds will be made available to qualifying projects from any other county in order of receipt.
- 3. All events <u>receiving MSRC Clean Transportation Funding™</u> under this Program Announcement must be held prior to December 31, 2025.
- 4. Applicants are eligible to propose a maximum of two (2) consecutive event "seasons", wherein a "season" consists of multiple events or an event that spans multiple days. There is an obligation to perform event transportation services for an additional two consecutive event seasons at the completion of the MSRC-funded season(s). Note that the requirement to perform transportation service for two additional event seasons is irrespective of whether MSRC funding is requested for one or two event seasons under this Program Announcement.
- 5. In all cases, acceptance of an MSRC funding award and execution of a binding agreement obligates the funding recipient to implement two (2) additional consecutive event seasons at recipients' expense, with transportation services fully implemented no later than December 31, 2027. Should the recipient not provide one or more of these additional seasons of service, they will be obligated to pay back twenty-five percent (25%) of the funds previously reimbursed for **each** season of service not provided.

- 6. **Eligible Uses of MSRC Funds** MSRC funds may be used to offset direct operating costs associated with event center transportation programs. These include transportation operations and traffic control costs as defined below:
 - Transportation Operations Direct costs associated with operations of event center transportation vehicle and/or rail operations subject to the requirements and conditions outlined in Section 2, Eligibility Requirements;
 - Event Center Traffic Control/Bus Priority Costs associated with providing traffic control to provide participating transportation vehicles event center ingress and egress priority may also be proposed as project co-funding. This includes, but is not necessarily limited to: special lane designation for transit vehicles, including cones, lane striping, etc.; traffic control personnel to direct traffic and grant participating vehicles faster entry and exit; designation of areas for drop off and pickup of event center patrons who utilize the transportation service, including directional signage, markings and placards, etc.
- 7. Transportation Programs Advertising, Outreach, Marketing, and Promotion All event center transportation programs projects that receive an MSRC Clean Transportation Funding™ award must include advertising and promotion of the availability of the service as a project element. This is a mandatory component of any MSRC-funded event center transportation programs project. Advertising and promotion may include, but is not limited to:
 - a) Radio, television, newspaper, or specialty publication advertisements;
 - b) Print materials;
 - c) Materials developed for incorporation into a website, electronic media, etc.;
 - d) Transportation program kickoff events, ribbon cuttings, or news conferences, etc.
- 8. **Program Co-Funding Requirements** Major event center projects funded by the MSRC are required to provide minimum project co-funding. Co-funding must be greater than or equal to 60% of the total project cost, i.e., a maximum of 40% of total project costs to be co-funded by the MSRC.

Eligible project co-funding includes the following:

- **Direct Cost Share** Cash, direct labor, and equipment use contributions from the transportation provider may be accounted for as co-funding;
- Fare box Revenue Fare box revenue collected to augment MSRC-funded transportation program may be documented and applied as co-funding;
- Transportation Programs Outreach, Marketing, and Promotion Direct costs associated with advertising the availability of event center transportation programs may be applied as co-funding. Appropriate outreach may include, but is not limited to, radio, television, newspaper, or specialty publication advertisements, printed materials, materials developed for incorporation into a website, electronic media, transportation program kickoff events, ribbon cuttings, or news conferences, etc.

- Event Center Traffic Control/Bus Priority Direct costs associated with providing traffic control to
 provide participating transportation vehicles event center ingress and egress priority may also be
 proposed as project co-funding.
- 9. **Funding Restrictions** MSRC funds may only be applied to direct operating costs associated with event center transportation programs. These include transportation operations and traffic control costs only. MSRC funds cannot be used:
 - To fund capital acquisition costs associated with transportation vehicle purchase;
 - To recoup lost parking lot revenue.
- 10. MSRC Funds Remitted on a Reimbursement Basis MSRC funds will be distributed on a reimbursement basis only upon completion of approved project milestones and submission of all required reports and invoices. Both an Interim and a Final Report will be required. Note that five percent (5%) will initially be withheld from all reimbursements. Of this amount, \$25,000 or 5% of the total amount reimbursed, whichever is less, will be retained pending submission and approval of a Final Report covering both the MSRC-funded and additional two seasons of operation. The difference, if any, will be released following submission and approval of the Interim Report covering the MSRC-funded season(s) of operation.

11. Additional Conditions on MSRC Funding

- MSRC projects are funded on a "site-specific" basis; that is, each project is evaluated with respect to the proposed event center's unique location, traffic congestion, availability of other transportation options, etc. Thus, proposals that result in an award of MSRC funds are <u>not allowed</u> to change the event center venue under any circumstances. In the event the proposed venue becomes unavailable, nonviable, or no longer cost-effective, either contract negotiations will terminate or the contract will terminate, as applicable;
- All projects must include an advertising, marketing, and outreach component. Acceptable outreach strategies are described in the previous section;
- Conflict of Interest Proposers must identify possible conflicts of interest with other clients affected by actions performed by the firm on behalf of the MSRC. Although the bidder will not be automatically disqualified by reason of work performed for such firms, the MSRC reserves the right to consider the nature and extent of such work in evaluating the proposal;
- Certifications All Proposers must complete and submit the included Attachment G forms as an element of their Proposal (unless specifically exempted below):
 - Internal Revenue Service Form W-9 Request for Taxpayer Identification Number and Certification, and Franchise Tax Board Form 590 Withholding Exemption Certificate. If you are selected for an award, you cannot be established as a vendor without this information.
 - Campaign Contributions Disclosure. This information must be provided at the time of application in accordance with California law. You may be asked for an update when awards are considered.
 - Certification Regarding Debarment, Suspension and Other Responsibility Matters The SCAQMD needs this information for their vendor database.

- Disadvantaged Business Certification. The SCAQMD needs this information for their vendor database. It will not be considered in the determination of your MSRC funding award. Governmental entities do not need to complete this form.
- Finally, in accordance with state law, all projects awarded MSRC Clean Transportation Funding™ are subject to audit. The provisions of the audit are discussed in the Sample Contact, included as Section 9 of this Program Announcement. It is highly recommended that bidders employ government accepted accounting practices when administering their MSRC co-funded project.

SECTION 4 – PROGRAM ANNOUNCEMENT TIMETABLE

The MSRC understands that developing an event center transportation programs project is a complex undertaking. The MSRC also appreciates that events scheduled at a major venue are firm; thus, the MSRC Program is designed to afford potential proposers as much flexibility as possible to allow development of outstanding event center transportation projects.

Table 4-1 - Key Event Center Transportation Programs Program Dates

Program Event	Date
Program Announcement Release	May 6, 2022
Application Submittal Period	May 6, 2022 – October 28, 2022
Latest Date/Time for Electronic Application Submittal	October 28, 2022 @ 11:59 p.m.

SECTION 5 - PROPOSAL PREPARATION & SUBMITTAL INSTRUCTIONS

An Event Center Transportation Project Proposal must be completed and submitted for funding consideration under this Program. Proposals must be prepared and submitted in accordance with the instructions outlined below.

- Proposal Preparation The following information must be included in all Proposals seeking MSRC Clean
 Transportation Funding™ under the Major Event Center Transportation Programs Program:
 - a) Attachments A-G Proposals must include the following completed Attachments, including all required supporting documentation as requested. Proposal Templates and Instructions are included in Section 8 of this Program Announcement:

Attachment A: Proposer and Project Participant Information

Attachment B: Project Description

Attachment C: Project Cost Breakdown

Attachment D: Project Implementation Schedule

Attachment E: Memorandum of Understanding/letter of support between Event Center(s)

and Transportation Services Provider(s) (as applicable)

Attachment F: Transportation Service Ridership Estimates

Attachment G: Certifications

2. **Electronic Application Submittal Process** – To reduce the need to photocopy, package, and physically submit paper applications, the Major Event Center Transportation Program requires that applications be submitted electronically in PDF format using the MSRC Website. We believe this benefits the applicant, the MSRC staff, and the environment.

The application that will be submitted as a **PDF document** is comprised of seven (7) primary sections – these correspond to the application Attachments A-G as described in the preceding section. Thus, a complete application will be comprised of the following elements:

- 1. Attachment A: Proposer and Project Participant Information
- 2. Attachment B: Project Description, including Service Continuation Plan to ensure sustainable, ongoing event center transportation operations
- 3. Attachment C: Project Cost Breakdown
- 4. Attachment D: Project Implementation Schedule
- 5. Attachment E: Memorandum of Understanding/letter of support between Event Center(s) and Transportation Services Provider(s) (as applicable)
- 6. Attachment F: Transportation Service Ridership Estimates
- 7. Attachment G: Certifications
 - a. Disadvantaged Business Certification Form
 - b. IRS Form W-9
 - c. California Form 590 Withholding Exemption Certificate
 - d. Certification Regarding Debarment, Suspension, and Other Responsibility Matters
 - e. Campaign Contribution Disclosure Form
 - f. Direct Deposit Authorization

These seven sections, including Attachment G certifications, are to be compiled into a **single PDF document** for submittal to the MSRC Clean Transportation Funding Website. **Please note that ONLY PDF format can be accepted. Microsoft Word documents cannot be accepted by the MSRC Website**. Applicants will need to register on the MSRC Clean Transportation Funding website.

Please note that the latest date and time to apply is OCTOBER 28, 2022 at 11:59 pm!

- 3. **Addenda** The Mobile Source Air Pollution Reduction Review Committee may modify the Program Announcement and/or issue supplementary information or guidelines relating to the Program Announcement during the Proposal preparation and acceptance period of May 6, 2022 to October 28, 2022. Amendments will be posted on the MSRC website at www.cleantransportationfunding.org.
- 4. **Proposal Modifications -** Once submitted, Proposals cannot be altered without the prior written consent of the Mobile Source Air Pollution Reduction Review Committee.
- 5. **Certificates of Insurance** Upon notification of an MSRC funding award, a certificate(s) of insurance naming the South Coast Air Quality Management District (SCAQMD) as an additional insured will be required within forty-five (45) days. Entities that are self-insured will be required to provide proof of self-insurance prior to contract execution.

SECTION 6 - IF YOU NEED HELP...

This Program Announcement can be obtained by accessing the MSRC web site at www.cleantransportationfunding.org. MSRC staff members are available to answer questions during the Proposal acceptance period. In order to help expedite assistance, please direct your inquiries to the applicable staff person, as follows:

• For **General or Technical Assistance**, please contact:

Ray Gorski

MSRC Technical Advisor Phone: 909-396-2479

E-mail: Ray@CleanTransportationFunding.org

For Administrative Assistance, please contact:

Cynthia Ravenstein

MSRC Contracts Administrator

Phone: 909-396-3269

E-mail: Cynthia@CleanTransportationFunding.org

For Contractual Assistance, please contact:

Dean Hughbanks

SCAQMD Procurement Manager

Phone: 909-396-2808

E-mail: dhughbanks@aqmd.gov

SECTION 7 - PROPOSAL EVALUATION AND APPROVAL PROCESS

MSRC staff members will screen proposals upon receipt to ensure compliance with all mandatory Program Announcement requirements. In the event a proposal is deemed noncompliant, MSRC Staff will notify the proposer of the issues and corrective actions required. Note that a noncompliant proposal is not considered "received" and will not undergo further evaluation until all proposal deficiencies are remedied.

Proposals deemed compliant will be forwarded to an Evaluation Subcommittee comprised of members of the MSRC Technical Advisory Committee (MSRC-TAC). Proposals will be evaluated in order of receipt using criteria established by the MSRC; these criteria are listed below. Proposals will be recommended for funding based upon their conformance with the established criteria. It is possible that all funding allocated to this Program could be fully expended prior to the close of the proposal submittal period, October 28, 2022.

Evaluation Criteria – Proposals will be evaluated using a two-step process. The first step (Step 1) consists of a technical analysis to ensure that the project has a high probability of achieving a net air quality benefit. Only proposals that are determined to result in a net reduction in mobile source air pollution will undergo further evaluation (Step 2). MSRC Staff may request additional information from the project applicant to assist in this determination.

Step 2 continues the assessment of the merits of a proposed Event Center project. The specific criteria to be evaluated are outlined below. Each project will be assessed individually against the evaluation criteria. A maximum of 100 points is available – only projects that receive greater than 70 points will be considered for an MSRC funding award. Projects scoring less than 70 points will not be eligible for an MSRC funding award.

EVALUATION STEP 1:

<u>POTENTIAL TO ACHIEVE QUANTIFIABLE AIR POLLUTANT REDUCTIONS</u> - Each project will be analyzed to estimate its potential to achieve motor vehicle air pollution reductions, emphasizing reductions in oxides of nitrogen and particulate matter pollution. Factors to be evaluated include, but are not limited to:

- The types, quantity, emissions profile, and proposed utilization of the vehicles proposed to implement the event center transportation services;
- Event center transportation service ridership estimates based on previous documented event center project results, surveys or focus groups conducted to estimate potential transportation service utilization, etc.;
- The event center location, population density, and location relative to major arterial roadways and freeways;
- Availability of existing transportation options other than personal automobile;
- The number of events scheduled or planned for the event center during the proposed period of program;
 and
- The average venue attendance.

EVALUATION STEP 2:

- 1. SUCCESSFUL PARTICIPATION IN PAST EVENT CENTER TRANSPORTATION PROGRAMS (0 15 Points).
- 2. PROGRAM CONTINUATION PLAN (0 50 Points). As discussed, MSRC funding is not intended to serve as an ongoing funding source for event venues. Event Center project applicants are required to develop a plan to demonstrate how the proposed service will continue beyond the MSRC funding period, including the sources of internal and external revenue that will be pursued to augment and

- ultimately replace MSRC funding. Projects that have a definitive plan for continuing transportation programs well beyond the MSRC funding period will be awarded a higher point allocation.
- 3. <u>EVENT CENTER PROJECT COST-EFFECTIVENESS (0 20 Points)</u>. Cost-effectiveness is a measure of a proposed project's potential for reducing mobile source air pollution relative to the MSRC funding amount sought. This is typically presented in units of "dollars per pound of air pollution reduced". The results of Step 1 will be evaluated in the context of the MSRC funding request. Points will be awarded in accordance with the following cost-effectiveness (CE) matrix:

CE (\$/Lb.)	POINTS
< \$500/Lb.	25
\$500 - \$1,499/Lb.	20
\$1,500 - \$2,499/Lb.	15
\$2,500 - 3,499/Lb.	10
\$3,500 - \$4,499/Lb.	5
> \$4,500/Lb.	0

- 4. ZERO-EMISSION TRANSPORTATION BONUS (0 or 5 points). Applicants who utilize zero-emission vehicles to perform event center transportation are eligible to receive additional points. Applicants who commit to use zero-emission vehicles to perform a minimum of 25% of event center service trips will receive five (5) additional points. This commitment will be included in any subsequent MSRC funding agreement with the applicant.
- 5. NEXUS TO OTHER PUBLIC TRANSIT SERVICES (0 10 Points). MSRC experience over the past nine years has shown that vent Center projects that are ultimately most successful have a high degree of connectivity with other existing public transit services. This criterion evaluates the probability of successfully integrating the proposed transportation program with other existing public transportation services, including connectivity with existing regional or municipal bus service, Metrolink, light rail, transit centers, etc. Proposers should clearly outline the proposed Event Center transportation connectivity with other existing public transit services in their proposal.

Proposals deemed meritorious by the MSRC-TAC will be forwarded to the MSRC for evaluation, review, and potential funding approval. Please note that the MSRC retains full discretion and authority as it pertains to a potential award of **Clean Transportation Funding™**. The decision to award funding, or not award funding, will be based on the proposed project's potential to achieve direct and tangible emission reductions. Thus, it is anticipated that not all projects submitted for funding consideration will receive an MSRC award.

SECTION 8 - PROPOSAL ATTACHMENTS

ATTACHMENT A: PROPOSAL CONTACT INFORMATION

Business Name						,
business ivallie						
Division of:						
Subsidiary of:						
Website Address						
Type of Business Check One:]	ndividual DBA, Name Corporation, ID No LC/LLP, ID No Other		n	-	
	T	REMITTING ADDI	RESS INFORM	ATION		
Address						
City						
State			Zip			
Phone	()	- Ext	Fax	()	-	
Contact Name			Title			
E-mail Address			<u>.</u>			
Payment Name if Different						
Funding Reques	•	: nding ™ Requested:	Ś			
her Co-Funding A						
J	- *	Total Project	Cost: \$			

Event Center Name						
Website Address						
Type of Venue						
Address						
City						
State					Zip	
Phone	()	-	Ext	Fax	() -
Venue Contact Name					Title	
E-mail Address						
Payment Name if Different						
Business Name						
Division of:						
Subsidiary of:						
Website Address						
Type of Business						
Address						
Address City/Town					Zip	
Address City/Town State/Province	()		Ext	Zip Fax	() -
Address City/Town State/Province Phone	()		Ext		() -
Address City/Town State/Province Phone Contact Name E-mail Address Payment Name if	()		Ext	Fax	() -

C. Please provide the following information about the Event Center in the space provided below:

ATTACHMENT B: PROJECT DESCRIPTION

- 1. **Event Center Description** Please provide a detailed description of the major event center. At a minimum, provide the following information:
 - a) General Characteristics of the Event Center, including type of venue, facility physical size, occupancy capacity, parking lot capacity, etc.;
 - b) Average number of events held annually or during a full season of operation;
 - c) Average attendance at a regularly scheduled event; peak attendance at special events;
 - d) Traffic conditions in proximity to event center prior to, during, and following a regularly scheduled event. If possible, provide a statement from the City or County Traffic Engineering Department verifying that traffic volumes on adjacent roadways and intersections prior to and following a scheduled event exceed roadway and intersection capacity.
- 2. **Proposed Transportation Program Description** Provide a detailed description of the proposed event center transportation program. This should include, at a minimum:
 - a) A description of the vehicles proposed to perform transportation services, including the make and model, model year, engine model and year, alternative fuel type if required, seating positions, and total capacity (seated and standing) for each vehicle proposed to be utilized in event center transportation services.
 - b) The estimated number of events for which transportation program will be implemented. Include event schedules, dates, etc. to the extent feasible.
 - c) A description of how the transportation program services will be conducted, including passenger pickup locations, passenger drop-off locations, anticipated headways, hours of operation, etc.
 - d) For circulator-type transportation services, please include a map of the vehicle route(s) that graphically illustrates vehicle routing, passenger pickup and drop-off locations, etc.
- 3. **Event Transportation Continuation Plan** Please describe what efforts will be made by the event center/transportation provider partnership to identify and secure necessary resources to continue event center transportation program beyond the MSRC funding period. **IMPORTANT: This plan will comprise** up to 50% of all points awarded under Section 7, Proposal Evaluation and Approval Process.
- 4. **Connectivity with Other Public Transit Service** Please discuss potential connectivity with other public transit services, including but not limited to potential connectivity with existing regional or municipal bus lines, Metrolink, light rail, transit centers, park and ride lots, etc.
- 5. Advertising, Marketing, Outreach, and Promotion of Event Center Transportation Program Please describe the plan for conducting outreach and promotion of the availability of event center transportation programs. This may include, but is not limited to, radio, television, newspaper, or

specialty publication advertisements; other printed materials; materials developed for incorporation into a website, electronic media, etc., transportation program kickoff events, ribbon cuttings, or news conferences, etc. Please note that outreach and promotion is a mandatory element of any event center transportation program project funded by the MSRC and may be accounted for as an in-kind co-funding contribution.

ATTACHMENT C: COST BREAKDOWN

Please provide a detailed cost breakdown of the proposed project. Please note that MSRC **Clean Transportation Funding™** is intended to help offset the cost of transportation program, and cannot be applied to capital equipment purchases or used to offset lost parking facility revenues. The MSRC reserves the right to exclude cost elements deemed unallowable, as well as award funding in an amount less than the requested amount.

ATTACHMENT D: PROJECT IMPLEMENTATION SCHEDULE

Please provide a Milestone Schedule for your proposed event center transportation program project. This should include, at a minimum, the anticipated date event center transportation program will commence, as well as any additional information regarding scheduled events to be supported by transportation services.

ATTACHMENT E: MEMORANDUM OF UNDERSTANDING/LETTER OF SUPPORT BETWEEN TRANSPORTATION SERVICE PROVIDER (PROPOSED CONTRACTOR) AND EVENT CENTER SITE

For projects seeking MSRC **Clean Transportation Funding**™ for implementation or expansion of an event center transportation program, a fully executed Memorandum of Understanding (MOU) or letter of support must be submitted as an element of the proposal package.

The MOU/Letter of Support must be provided at the time of Proposal Submittal and must contain the following essential elements, at a minimum:

- The parties to the MOU/Letter of Support, including the transportation service provider(s) and event center site owner or authorized representative;
- The term of the MOU/Letter of Support;
- The specific location of where transportation services will be provided;
- Anticipated dates of transportation service start of operation and completion;
- Executed signatures by individuals authorized on behalf of the parties to the MOU/Letter of Support.

If the proposal package contains a letter of support, an MOU may be required prior to execution of a contract.

ATTACHMENT F: TRANSPORTATION PROGRAM RIDERSHIP ESTIMATES

Please provide an estimate of the anticipated utilization of the event center transportation program if implemented as proposed. Please include any empirical information used to generate ridership estimates, including but not limited to survey results, focus group results, etc.

Please note that as a condition of funding award, the contractor will be required to survey, document, or otherwise quantify the patronage of the event center transportation program in order for the MSRC to quantify motor vehicle emission reductions achieved by the transportation program.

ATTACHMENT G: CERTIFICATIONS

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.

Stateme	nts of certification:	
to a	a prime contractor to South Coast AQMD,achieve the fair share in accordance with 40 CFR Sentracts or purchase orders funded in whole or in	ection 33.301, and will follow the six affirmative steps listed below for
1.	Place qualified SBEs, MBEs, and WBEs on solici	itation lists.
2.	Assure that SBEs, MBEs, and WBEs are solicited	whenever possible.
3.	When economically feasible, divide total requirer SBEs, MBEs, and WBEs.	nents into small tasks or quantities to permit greater participation by
4.	Establish delivery schedules, if possible, to encou	rage participation by SBEs, MBEs, and WBEs.
5.	Use services of Small Business Administration, M Commerce, and/or any agency authorized as a cle	Ainority Business Development Agency of the Department of aringhouse for SBEs, MBEs, and WBEs.
6.	If subcontracts are to be let, take the above affirm	ative steps.
	(a)	Self-Certification Verification: Also for use in awarding additional points, as applicable, in accordance with South Coast AQMD Procurement Policy and Procedure:
Smal	Il that apply: Il Business Enterprise/Small Business Joint Venture Il business Ority-owned Business Enterprise of ownership:%	Women-owned Business Enterprise ☐ Disabled Veteran-owned Business Enterprise/DVBE Joint Venture ☐ Most Favored Customer Pricing Certification
	f Qualifying Owner(s):	
State o	of California Public Works Contractor I UDED IF BID PROPOSAL IS FOR PUBLIC	
	dersigned, hereby declare that to the best of my knotion submitted is factual.	owledge the above information is accurate. Upon penalty of perjury, I certify
	B. NAME	TITLE
	C 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 foreignbased 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:
 - Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.
 - 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

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.	•
	2 Business name/disregarded entity name, if different from above	
on page 3	following seven boxes.	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
ns.		Exempt payee code (if any)
typ	☐ 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	Exemption from FATCA reporting
Print or type. Specific Instructions	another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that	code (if any)
- ≝	is disregarded from the owner should check the appropriate box for the tax classification of its owner.	
ĕ	Other (see instructions) =	(Applies to accounts maintained outside the U.S.)
Ś	5 Address (number, street, and apt. or suite no.) See instructions. Requester's name and apt.	nd address (optional)
8		
٠,	6 City, state, and ZIP code	
	7 List account number(s) here (optional)	
Par		
	your first the appropriate box. The first provided maker the name given on the 1 to avoid	urity number
reside	p withholding. For individuals, this is generally your social security number (SSN). However, for a nt alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other s, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a</i>] - [] - []
TIN, la		
	The decodate to in more traine, occurrent not me 1.7400 occ 777at Marie and	identification number
Numb	er To Give the Requester for guidelines on whose number to enter.	-

Part | Certification

Under penalties of perjury, I certify that:

- 1. 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
- 3. I am a U.S. citizen or other U.S. person (defined below); and
- 4. 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 falled 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 ►

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 (TiN), 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.

Cat. No. 10231X Form W-9 (Rev. 10-2018)

By signing the filled-out form, you:

- 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
- 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 allen;
- 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 Entitles).

Nonresident allen who becomes a resident allen. Generally, only a nonresident allen 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 allen 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.

- 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.
- 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. $\begin{tabular}{ll} \hline \end{tabular}$
- 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 qualifles 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,
- 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,
- 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
- 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 Compilance 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 fall to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such fallure unless your fallure 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 faisifying information. Wilifully faisifying 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.

- 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 entitles. 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 \$5,0001	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

See Form 1099-MISC, Miscellaneous Income, and its instructions.

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)(l)
- 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.

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.

- 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.
- 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), ABLE 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		
Two or more individuals (joint account) other than an account	The actual owner of the account or, if combined funds, the first individual on		
maintained by an FFI	the account ¹		
Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account		
 Custodial account of a minor (Uniform Gift to Minors Act) 	The minor ²		
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		
 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*		
For this type of account:	Give name and EIN of:		
Disregarded entity not owned by an individual	The owner		
9. A valid trust, estate, or pension trust	Legal entity ⁴		
Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation		
 Association, club, religious, charitable, educational, or other tax- exempt organization 	The organization		
12. Partnership or multi-member LLC 13. A broker or registered nominee	The partnership 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
 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.

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 faisely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identify theft.

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.

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/identity/Theft 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 ag	gent 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.)	
Ch. Ill barra frain addess as introduced	Chair ZID and
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 requirements on payment(s) made to the entity or individual.	m the California income tax withholding
Individuals — Certification of Residency: I am a resident of California and I reside at the address shown above. If I become a 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 sh California Secretary of State (SOS) to do business in California. The corporation w corporation ceases to have a permanent place of business in California or ceases the withholding agent. See instructions for General Information D, Definitions.	ill file a California tax return. If this
Partnerships or Limited Liability Companies (LLCs): The partnership or LLC has a permanent place of business in California at the add California SOS, and is subject to the laws of California. The partnership or LLC will or LLC ceases to do any of the above, I will promptly inform the withholding agent. partnership (LLP) is treated like any other partnership.	file a California tax return. If the partnership
■ Tax-Exempt Entities: The entity is exempt from tax under California Revenue and Taxation Code (R&TC)) Section 23701 (insert letter) or to be exempt from tax, I will promptly notify
Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Po The entity is an insurance company, IRA, or a federally qualified pension or profit-s	
California Trusts: At least one trustee and one noncontingent beneficiary of the above-named trust is California fiduciary tax return. If the trustee or noncontingent beneficiary becomes 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 The estate will file a California fiduciary tax return.	a California resident at the time of death.
Nonmilitary Spouse of a Military Servicemember: I am a nonmilitary spouse of a military servicemember and I meet the Military Sporequirements. See instructions for General Information E, MSRRA.	use Residency Relief Act (MSRRA)
CERTIFICATE OF PAYEE: Payee must complete and sign below.	
To learn about your privacy rights, how we may use your information, and the consequence go to ftb.ca.gov/forms and search for 1131 . To request this notice by mail. call 800.852.571	
Under penalties of perjury, I declare that I have examined the information on this form, inclu statements, and to the best of my knowledge and belief, it is true, correct, and complete. I full the facts upon which this form are based change, I will promptly notify the withholding age	ding accompanying schedules and irther declare under penalties of perjury that
Type or print payee's name and title	Telephone
Pavee'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 fib.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 norresident 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 payes. 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

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."

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.

Form 590 Instructions 2020 Page 1

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 service members to provide proof that they meet the criteria for California person al 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

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
- 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, Eorm 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

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

nonwage.

MXFTB 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

WITHHOLDING SERVICES AND Mail: COMPLIANCE MS F182 FRANCHISE TAXBOARD

PO BOX 942867

SACRAMENTO CA 94267-0651

For questions unrelated to withholding, or to download, view, and print California tax forms and publications, orto 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 (SCAQMD) 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). Where a proposed rule or proposed amended rule impacts three or fewer facilities, those facilities will be treated in much the same manner as contracting parties and so must also complete this form, disclosing information relating to any campaign contributions made to any SCAQMD Board Members. *See* Quadri Advice Letter (2002) A-02.096.1 In the event that a qualifying campaign contribution is made, the Board Member to whom it was made may be disqualified from participating in the actions involving that donor.

California law prohibits a party, or an agent, from making campaign contributions to SCAQMD 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 the SCAQMD; 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, SCAQMD 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 SCAQMD Governing Board Members can be found at the SCAQMD website (www.aqmd.gov). The list of current MSRC members/alternates can be found at the MSRC website (http://www.cleantransportationfunding.org).

SECTION I.

Con	tractor (Legal Name):	
	DBA, Name_	_, County Filed in
	Corporation, ID No	
	LLC/LLP, ID No.	
	any parent, subsidiaries, or otherwise definition below).	affiliated business entities of Contractor:

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

¹ The information provided on this form does not, and is not intended to, constitute legal advice. To the extent that you may have questions regarding any case law, citations, or legal interpretations provided above please seek the guidance of your own independent counsel.

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 MSRCMember/Alternate Amount of Contribution Date of Contribution Name of Contributor Governing Board Member or MSRCMember/Alternate Amount of Contribution Date of Contribution Name of Contributor _____ Governing Board Member or MSRCMember/Alternate Amount of Contribution Date of Contribution Name of Contributor _____ Governing Board Member or MSRCMember/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: One business entity has a controlling ownership interest in the other business entity. 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 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 Governing Board or member/alternate of the MSRC in the 12



For South Coast AQMD Use Only

South Coast Air Quality Management District 21865 Copley Drive, Diamond Bar, CA 91765-4178

(909) 396-2000 • <u>www.aqmd.gov</u>

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"TRANSFORMATIVE TRANSPORTATION STRATEGIES & MOBILITY SOLUTIONS"

A Program Opportunity Notice for the Implementation of Innovative Human Transportation & Mobility Programs in the South Coast Air District

PON2022-01

May 6, 2022

SECTION 1: INTRODUCTION

For over 30 years, the Mobile Source Air Pollution Reduction Review Committee (MSRC) has sought to develop and demonstrate cutting-edge transportation demand management (TDM) and "smart mobility" programs that expand the boundaries of how we *alternatively* commute—striving for faster, cheaper, and *greener* transportation solutions. As an investor in clean mobility, collaboration with expert project partners is essential to achieve the MSRC's goal of improving air quality by reducing motor vehicle pollution in the South Coast AQMD region.

This Program Opportunity Announcement (PON) is another Call to Action – to seek out innovative, and importantly, transformative transportation and mobility concepts that not only are effective in reducing air pollution and congestion, but have staying power.

This PON has ambitious goals, as it seeks concepts that are not only innovative, but have the potential to result in a transformative outcome – a paradigm shift in "the way it's done". For this to happen, the concept must be capable of being replicated on a broader scale throughout the South Coast region.

The following Sections amplify these goals and set forth the requirements and guidelines for submitting a response to this PON. MSRC staff is available to answer any questions – staff contacts for administrative and technical inquiries are included in Section 3 of this PON.

SECTION 2: PROGRAM OPPORTUNITY NOTICE OVERVIEW

This PON seeks the submittal of conceptual projects that offer to demonstrate new and innovative transportation strategies above and beyond traditional transportation demand strategies. This PON is broad in scope, but has a clear focus on "people movement" as opposed to Goods Movement. As such, all project concepts must have a nexus to the transport of those who live, work, and play in the South Coast AQMD region.

Key objectives under this PON are as follows:

- MSRC funding acts as **Seed Money** an initial investment to launch the innovative transportation strategy or program;
- A key objective is to achieve a **Transformative** Outcome a permanent and sustainable change in human mobility;
- The innovative transportation strategy or concept is **Replicable** within the South Coast region, and;
- The process and results of the development and deployment of the transformative mobility strategy is well **Documented** to serve as a roadmap to others who wish to replicate the concept.

The total available funding under this PON is \$3.0 million. It is anticipated this PON will result in multiple MSRC funding awards.

The MSRC strives to achieve broad geographic participation across the South Coast region. To this end, the MSRC is establishing a geographic funding target of at least \$250,000 per county. This geographic funding minimum, however, is conditioned on the receipt of meritorious project concepts that achieve the MSRC's program objectives as outlined in this PON. The MSRC is not obligated to fund any projects in any county that, in the sole opinion of the MSRC, do not meet program objectives.

SECTION 3: HOW TO PARTICIPATE

The Transformative Transportation Strategies PON is flexible in that the MSRC will accept responses ranging from a concept paper to a full proposal. Emphasis should be placed describing how the proposed mobility solution achieves the MSRC goals of a transformative outcome that is replicable within the South Coast region. Additionally, Section 4 of this PON lists additional criteria the MSRC will use to evaluate candidate concepts; and these can be used as further guidance when developing a response under this PON.

There are no restrictions as to who can submit a response under this PON; however, only entities deemed legal businesses, proprietorships, or agencies are eligible to receive a funding award.

The MSRC requests that responses submitted under this PON conform to the following guidelines:

- 1. Include the name of the individual or organization submitting under this PON, including but not limited to the e-mail address of the contact person(s) for technical and contractual matters;
- 2. A concisely but thoroughly written description of the innovative transportation strategy or concept proposed. This should include, but is not limited to:
 - A discussion of how the concept will result in a transformative and sustainable improvement in mobility and achieve long-term air pollution reduction benefits beyond the MSRC funding period;
 - The development status of the proposed transportation concept, i.e., at the conceptual stage
 requiring MSRC assistance to further refine the strategy prior to launch, or at the "shovel
 ready" stage in need of MSRC assistance to fund capital or operations. All stages of project
 development will be considered by the MSRC;
 - Identification of key project participants and stakeholders, and the status of forming essential partnerships;
 - The amount of funding requested from the MSRC, including the estimated total project cost, sources of match funding and other direct cost-sharing, and whether co-funding is secured or anticipated;

• A project schedule, including the timeframe for project implementation. Note that the MSRC does not have a specific timeframe or deadline for implementing innovative transportation demonstrations, but wants to understand project timing for planning purposes.

By using the less-restrictive PON process, the MSRC hopes to stimulate development of unique, creative ideas for transformative mobility improvement. The MSRC does have an expectation, however, that responses to this PON will convey sufficient detail so that a determination of a candidate concept's transformative potential, including likelihood for regional replication, can be evaluated. As such, the MSRC requests that respondents to this PON provide as much technical and programmatic information as is available to assist the MSRC in accurately evaluating a concept's benefit potential.

The period to submit a response under this PON closes on August 5, 2022, unless extended by the MSRC. Responses should be sent via e-mail to:

Cynthia Ravenstein
MSRC Contracts Administrator
Cynthia@CleanTransportationFunding.org

If you have any questions regarding this PON, please direct inquiries to one of the following MSRC staff contacts:

• For General and Administrative Assistance, please contact:

Cynthia Ravenstein

MSRC Contracts Administrator

Phone: 909-396-3269

E-mail: Cynthia@CleanTransportationFunding.org

• For Technical Assistance, please contact:

Ray Gorski

MSRC Technical Advisor Phone: 909-396-2479

E-mail: Ray@CleanTransportationFunding.org

SECTION 4: PROJECT REVIEW & FUNDING PROCESS

All responses to this PON will be reviewed by the MSRC's Innovative Transportation Subcommittee. Concepts will be evaluated on their merits relative to the following criteria:

1. The perceived likelihood the proposed concept to result in a transformative mobility improvement with long term air pollution reduction benefits;

- 2. Project development status although concepts will be accepted that are still in a formative stage, the MSRC will differentiate between an "interesting idea" as compared to a transportation concept that has undergone more thorough research and development;
- 3. The formation status of project-enabling partnerships, i.e., whether all the pieces are in place or if necessary relationships are yet to be established;
- 4. Potential for project replication in the South Coast region innovative transportation projects that are perceived to have applicability to multiple jurisdictions will be deemed more favorable; and
- 5. Co-funding contribution level the extent to which an MSRC investment will be leveraged though contributions from other sources.

Additionally, the MSRC would like to understand how the demonstration of an innovative transportation strategy could potentially benefit disadvantaged communities (DAC) or areas that suffer disproportionately from air pollution. Responses to this PON should discuss if there is a possibility the project could be demonstrated within a designated DAC and/or how the mobility concept could benefit those most acutely impacted by air pollution as implementation progresses beyond the MSRC funding period.

Submittal of a response to this PON will result in one of the following three outcomes:

- A request by the MSRC for the submittal of a full proposal with detailed analysis of the project's immediate as well as long term regional impact for possible sole-source funding consideration;
- Notification that a detailed Request for Proposals (RFP) will be issued at a later date;
- Notification that the proposed concept has been declined from further consideration.

Innovative transportation projects selected for MSRC funding will be required to enter into a binding agreement with the South Coast AQMD on behalf of the MSRC. This agreement will be the result of a negotiation between the MSRC, South Coast AQMD, and the project lead entity. In all cases, projects must be approved by the MSRC and South Coast AQMD Governing Board prior to the execution of an agreement or disbursement of MSRC funds.



BOARD MEETING DATE: May 6, 2022

AGENDA NO. 15

REPORT: Legislative, Public Affairs and Media Report

SYNOPSIS: This report highlights the March 2022 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 Nastri Executive Officer

LTO:PC:DS:DM:bel:lam

Background

This report summarizes the activities of the Legislative, Public Affairs and Media Office for March. 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 minimizing economic impacts.

Cesar Chavez Day of Remembrance

On March 26, approximately 200 attendees joined in-person and nearly 100 participants viewed via Facebook the 8th Annual Cesar Chavez Day of Remembrance event held at The Center at the Cathedral Plaza. ABC7 Community Journalist Eric Resendiz served as the event's emcee and Teresa Romero, President of the United Farm Workers, was featured as the keynote speaker. The Richard Alatorre Environmental Justice for All award was presented to two recipients, U.S. Representative Tony Cárdenas and to the late Filipino-American Labor Organizer Larry Itliong whose daughter, Patty Serda, accepted on his behalf.

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 March events and meetings:

Lake Arrowhead Communities Chamber of Commerce

On March 1, staff participated in a virtual Lake Arrowhead Communities Chamber of Commerce Government Affairs Committee meeting. Staff provided information on the Lower-Emission School Bus Program and funding available to replace on-board CNG tanks.

San Bernardino County Transportation Authority)

On March 2, staff participated in a virtual City Manager Technical Advisory Committee meeting and shared information on the Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP) funding opportunities.

San Fernando Valley Council of Governments)

On March 17, staff attended a virtual Governing Board meeting and provided updates on HVIP funding, the Cesar Chavez event and the Check Before You Burn Program.

Ascon Coordination Committee

On March 17, staff attended the virtual Ascon Coordination Committee, along with City of Huntington Beach and Department of Toxic Substances Control (DTSC). The Project Navigator team presented updates on the project schedule and DTSC staff provided updates on community interviews and the public participation plan.

California Natural Gas Vehicle Partnership Leadership

On March 29, staff attended the virtual leadership and member meeting and provided information on the Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program.

Environmental Justice Update

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

Environmental Justice Community Partnership (EJCP) Advisory Council

On March 2, the EJCP Advisory Council met virtually. Agenda items included review and approval of the 2022 Goals and Objectives and selection of a theme for the 8th Annual EJ Conference, "Our Lives, Our Environment: Collaborating for Clean Air." Advisory Council member Theresa Martinez presented on Community Connections LLC's work supporting community grassroots efforts. Staff also provided an update on the AB 617 Community Air Protection Program and EJCP efforts.

Pacoima Community Initiative

On March 4, staff participated virtually in the monthly stakeholder meeting. Members discussed upcoming events, issues, and opportunities for collaboration to assist the community. Staff provided updates on the Clean Air Program for Elementary Students (CAPES) and shared information on South Coast AQMD's 8th Annual EJ Conference.

AB 617 Update

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

Eastern Coachella Valley Pesticides Prioritization Meeting

On March 3, CARB hosted a virtual meeting to discuss issues related to pesticides in Eastern Coachella Valley. Other participating regulatory agencies included the Office of Environmental Health Hazard Assessment and the Department of Pesticide Regulation.

South Los Angeles CSC Meeting and Workshop

On March 3, approximately 60 attendees participated in a virtual AB 617 CSC workshop and meeting. The discussion topics included implementation of the CERP and CAMP, and feedback was received.

South Los Angeles CSC Working Team Meetings

On March 10, 16 and 23, the AB 617 CSC held virtual Working Team meetings on monitoring and the budget. The discussion topics included air quality sensors, fixed air monitoring equipment, and emissions from metal processing facilities and oil and gas wells.

Eastern Coachella Valley CSC Budget Working Team Meeting

On March 15, the AB 617 CSC held a virtual Budget Working Team meeting to discuss the status of the Paving Project Plan.

Gateway Cities Council of Governments (COG) Meeting

On March 23, staff met virtually with the Gateway Cities COG to discuss plans for possible urban greening projects that are part of the Southeast Los Angeles CERP.

Salton Sea Authority Board Meeting

On March 24, staff participated virtually in the Board of Directors meeting. The discussions focused on issues surrounding the Salton Sea including air quality monitoring, enforcement and funding, and there were presentations on the upcoming Salton Sea Summit and projects of the Torres Martinez Desert Cahuilla Indians were also discussed.

Truck Incentives Workshop

On March 30, a virtual workshop was held to review draft components of the Truck Incentives program for CARB's approval. The workshop was attended by community members, industry representatives, and independent truck owner/operators.

Salton Sea Community Meeting

On March 30, staff attended a virtual Salton Sea Management Program meeting to learn about the state's efforts in relation to the Salton Sea. The meeting was hosted by the State Water Board, California Department of Fish and Wildlife and California Natural Resources Agency.

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.

11th Annual International Portable Emissions Measurement Systems Conference
On March 18, staff attended a virtual International Portable Emissions Measurement
Systems Conference hosted by the University of Riverside and Riverside Community
College. Staff provided a presentation on Community Level Environmental Policy
Developments and shared the CSC led policy development and implementation process
of AB 617.

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 March is summarized below:

Calls to South Coast AQMD's Main Line and 1-800-CUT-SMOG®	3,181
Calls to South Coast AQMD's Spanish- Language Line	63
Total Calls	3,244

Public Information Center Statistics

The Public Information Center (PIC) handles phone calls for general information. The PIC did not take walk-in requests in March 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 March is summarized below:

Calls Received by PIC		15
Calls to Automated System		241
	Total Calls	256
Email Advisories Sent		23,876

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 March.

- Provided permit application assistance to 224 companies
- Processed 64 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 March reports are listed below:

Major Media Interactions	122
Press Releases	18
News Carousel	1

Major Media Topics:

- Toxics: Matter of Fact with Soledad O'Brien submitted an inquiry on toxic and carcinogenic substances emitted from oil and gas operations near Los Angeles neighborhoods, as well as the FluxSense and Remote Sensing project report from 2017. A written response was provided.
- **Jim Fire:** KPCC and LA Times inquired about air quality impacts from the Jim Fire. Written responses were provided.
- **Kinder Morgan Watson Pump Station:** Oil Price Information Services inquired about the closure of the Kinder Morgan Watson Pump station. A written response was provided.
- **Hyperion:** SoCal News Group submitted several inquiries regarding the ongoing issues with Hyperion and the Hearing Board case. Written responses were provided.
- **Indirect Source Rule:** The City inquired about New York's potential adoption of an indirect source rule, similar to Rule 2305. A written response was provided.
- Ethylene Oxide (EtO) Emissions: Capital & Main submitted several inquiries regarding EtO emitting facilities, upcoming state and federal regulations, and ongoing air monitoring efforts. Written responses were provided.

- **Freight and Ports:** Staff participated in an interview with KCET regarding ongoing work to improve air quality for freight and port communities.
- **NOx Emissions:** The Los Angeles Times requested information on how NOx emissions from hydrogen compare with natural gas and hydrogen/gas blends, and current NOx rules. A written response was provided.
- **Proposed Warehouse in Desert Hot Springs:** The Desert Sun requested information on a new proposed warehouse in Desert Hot Springs. Written responses were provided.
- Oil and Gas Wells: Inside Climate News inquired about how the public can access the oil and gas well notification portal. A link was provided.
- **Huntsman Chemical Incident:** The Los Angeles Times inquired about a Huntsman Facility incident, in Atwater. A written statement was provided.
- **Jim Henson's Creature Shop:** The Hollywood Reporter inquired about an inspection at Jim Henson's Creature Shop. A written response was provided.
- **IQAir Report:** Staff participated in a interview with ABC7 on the IQAir report that Los Angeles has the most polluted air in the United States.
- **Shipping Emissions:** The Washington Post inquired whether NOx emissions from ocean vessels will account for the majority of NOx pollution in the South Coast Air Basin by 2023. A written response was provided.
- Long Beach Grand Prix: The Southern California News Group requested data on the emissions caused by the annual Grand Prix. A response is being prepared.
- **AB 617:** A student at University of California, Davis inquired about the Wilmington/Carson/West Long Beach CERP implementation and funding. Additional details were requested.
- **EPA Proposed Truck Emissions Standards:** Pitches were sent to local media outlets regarding the EPA's new proposed emissions standards, and staff participated in an interview requested by KNX.
- **Axalta Settlement:** Pitches were sent to local media outlets regarding the Axalta Coatings settlement.
- **Baker Commodities NOV:** Pitches were sent to local media outlets regarding the NOV issued to Baker Commodities.
- Windblown Dust Advisory: Pitches were sent to local media outlets regarding four windblown dust advisories in March.

News Releases:

- Check Before You Burn Season Closes with 35 No-Burn Days this Winter March 3, 2022 (English and Spanish): Informed residents of the end of the 2021-22 Check Before You Burn season.
- South Coast AQMD Issues Windblown Dust Advisory March 4, 9, 13, and 19, 2022 (English and Spanish): Informed residents of windblown dust conditions in Coachella Valley.

- South Coast AQMD Statement on EPA's Proposed Heavy-Duty Truck Rule March 7, 2022 (English and Spanish): Informed residents of South Coast AQMD's statement on EPA's proposed heavy duty truck rule.
- South Coast AQMD reaches \$1.37 million settlement with coating company for selling products that exceed emissions levels March 10, 2022 (English and Spanish): Informed residents of the settlement agreement with Axalta Coating Systems.
- Violation Issued to Animal Rendering Plant in Vernon, Calif., for Failing to Comply with Rule Requirements to Reduce Odors March 24, 2022 (English and Spanish): Informed residents about an NOV issued to Baker Commodities.
- South Coast AQMD to Host 8th Annual Cesar Chavez Day of Remembrance Event March 25, 2022 (English and Spanish): Informed residents about the Cesar Chavez event on March 26.

Social Media Notable posts:

- Air Quality Complaints Graphic (3/1): 1,293 Twitter Impressions
- **Dust Advisory (3/9):** 7,013 Twitter Impressions
- **Dust Advisory** (3/19): 5,049 Twitter Impressions
- Chavez Event: Delgado Post (3/26): 3,281 LinkedIn Impressions
- Chavez Event Facebook Live Stream (3/26):
 - o 53 total live views (during event)
 - o 76 total views that Saturday
 - o 96 total views over the weekend

Special Topics:

• Check Before You Burn: Pitches were sent to local media outlets regarding the end of the Check Before You Burn Season.

News Carousel:

 Additional Rebates available for batteries purchased through the Commercial Lawn & Garden Incentive Program: Added a link to the Battery Buy-Back Incentives page

Outreach to Community Groups and Federal, State and Local Governments

Outreach was conducted personally and virtually in March utilizing web-based and other technologies to communicate with elected officials or staff from the following cities:

Alhambra Garden Grove Ontario
Anaheim Glendale Paramount
Avalon Glendora Pasadena
Azusa Huntington Beach Placentia
Baldwin Park Industry Pomona

Big Bear Lake Irvine Rancho Cucamonga

Brea Irwindale Rosemead San Dimas Buena Park La Cañada Flintridge Burbank La Habra San Fernando La Puente San Gabriel Claremont Coachella La Verne Santa Ana Colton Santa Clarita Laguna Niguel Covina Lake Forest Seal Beach Diamond Bar Long Beach South Pasadena

Duarte Los Angeles Stanton

El Monte Mission Viejo Temple City
El Segundo Monrovia West Covina
Fullerton Monterey Park Yorba Linda

Communication was conducted in March with elected officials and/or staff from the following state and federal offices:

- U.S. Senator Alex Padilla
- U.S. Representative Ken Calvert
- U.S. Representative Tony Cárdenas
- U.S. Representative Judy Chu
- U.S. Representative Lou Correa
- U.S. Representative Josh Harder
- U.S. Representative Young Kim
- U.S. Representative Jerry McNerney
- Senator Bob Archuleta
- Senator Steven Bradford
- Senator Josh Newman

- Senator Anthony Portantino
- Senator Susan Rubio
- Assembly Speaker Anthony Rendon
- Assembly Member Richard Bloom
- Assembly Member Cristina Garcia
- Assembly Member Eduardo Garcia
- Assembly Member Mike Gipson
- Assembly Member Chris Holden
- Assembly Speaker Anthony Rendon
- Assembly Member Blanca E. Rubio
- Assembly Member Miguel Santiago
- Assembly Member Buffy Wicks

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

Asian Business Association, Los Angeles

Big Bear Chamber of Commerce

Burbank Chamber of Commerce

California High Speed Rail Authority

Chinese Chamber of Commerce, Los Angeles

Clean Power Alliance

Crestline Chamber of Commerce

Energy Coalition

Foothill Gold Line Construction Authority

Foothill Transit

Gateway Cities Council of Governments

Glendale Chamber of Commerce

Inland Valley Development Agency

Irwindale Chamber of Commerce

Lake Arrowhead Communities Chamber of Commerce

Las Virgenes-Malibu Council of Governments

League of California Cites, Los Angeles and Orange County Divisions

Los Angeles County Department of Public Health

Metropolitan Water District of Southern California

Mountain Transit

Omnitrans

Orange County Business Council

Orange County Council of Governments

Orange County Transportation Authority

Port of Long Beach

Regional Chamber of Commerce, San Gabriel Valley

San Bernardino Area Chamber of Commerce

San Bernardino County Transportation Authority

San Fernando City Chamber of Commerce

San Fernando Valley Council of Governments

San Gabriel & Lower Los Angeles Rivers and Mountains Conservancy

San Gabriel Mountains Community Collaborative

San Gabriel Valley City Managers Association

San Gabriel Valley Council of Governments

San Gabriel Valley Economic Partnership

San Gabriel Valley Mosquito & Vector Control District

Santa Ana Chamber of Commerce

South Orange County Economic Coalition

South Pasadena Chamber of Commerce

Southern California Association of Governments

Southern California Edison

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

California State University, Fullerton

Clean Air Coalition of North Whittier and Avocado Heights

Habitat for Humanity of Orange County

Healthy Chino

Inland Empire Fire Safe Alliance

Riverside City College

Santa Ana College

University of California, Riverside



BOARD MEETING DATE: May 6, 2022

REPORT: **Hearing Board Report**

SYNOPSIS: This reports the actions taken by the Hearing Board during the

period of March 1 through March 31, 2022.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:

Receive and file.

Cynthia Verdugo-Peralta Hearing Board Chair

The following summaries are attached: March 2022 Hearing Board Cases and Rules From Which Variances and Orders for Abatement Were Requested in 2022. An index of South Coast AQMD Rules is also attached.

There were no appeals filed during the period of March 1 to March 31, 2022.

Report of March 2022 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
Chiquita Canyon Landfill, LLC Case No. 6177-2 (Consent Calendar; No Appearance)	203(b) 401(b) 3002(c)(1) H&S Code §41701	To utilize Smoke Pots to generate smoke required for the Study contemplated in Condition #34 of the stipulated order in case no. 6177-1, 06/01-06/30/22.	Not Opposed/Granted	SV granted commencing 6/1/22 and continuing through 6/30/22.	Opacity: TBD by 6/30/22
County of San Bernardino – Fleet Management Case No. 6070-8 (K. Manwaring)	203(b)	Returned to request IV, due to poor weather and loss of power from SCE. Emergency ICEs were deployed, to provide communications for first responders going over 200 hours permitted annual limit.		IV granted commencing 3/23/22 and continuing for 90 days or until the RV hearing scheduled for 4/19/22, whichever comes first.	CO: 0.19 lb/hour NOx: 0.51 lb/hour RHC: 0.03 lb/hour PM10: 0.03 lb/hour SOx: 0.001 lb/hour
3. San Bernardino County – Fleet Management Department Case No. 6070-8 (S. Pruitt)	203(b)	Ex-Parte EV requested due to poor weather and loss of power from SCE. Emergency ICEs were deployed, to provide communications for first responders going over 200 hours permitted annual limit.	Not Opposed/Granted	Ex Parte EV granted commencing 3/1/22 and continuing for 30 days or until the IV hearing scheduled on 3/15/22, whichever comes first.	CO: 0.19 lb/hour NOx: 0.51 lb/hour RHC: 0.03 lb/hour PM10: 0.03 lb/hour SOx: 0.001 lb/hour

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
4. San Diego Gas & Electric Company Case No. 3607-13 (D. Hsu)	203(b) 2004(f)(1) 2012(c)(2)(A) 2012(g)(1) 2012(i) 2012, Appendix A, Chapter 2, Section A.1 3002(c)(1)	Petitioner seeking path forward to compliance. IV requested, due to RECLAIM ending w/new command & control regulations and emission limits. ICE would be disconnected from CEMS for 6 months. SCR would be upgraded oxidation catalyst to ensure compliance with new emission limits for Rule 1110.2.	Not Opposed/Granted	IV granted commencing 3/10/22 and continuing for 90 days or until the RV hearing scheduled for 4/26/22, whichever comes first.	None
5. South Coast AQMD vs. 365 Disposal & Recycling, Inc. Case No. 6213-1 (K. Roberts & M. Reichert)	203 403(d)(1)(A) 403(d)(2) 403(d)(4) 1133.1(d)(3) 1133.1(d)(4) 1133.1(e)	Mod O/A status report. Due to respondent's continual lack of cooperation and non- compliance. Attempt to agree to conditions verbiage and compliance	Stipulated/Issued	Mod. O/A issued commencing 3/31/22; the Hearing Board shall continue to retain jurisdiction over this matter until 7/1/22.	N/A
6. South Coast AQMD vs. Los Angeles City Sanitation Bureau, Hyperion Water Reclamation Plant Case No. 1212-39 (E. Chavez & M. Reichert)	3002(c)(1)	Stipulated O/A Respondent was in violation of Rule 3002 and out of compliance with NOx emissions by not conducting source testing every 5 years. Flares 3 & 4 failed and did not source test Flare #5 in 2021 per permit condition.	Stipulated/Issued	O/A issued commencing 3/24/22; the Hearing Board shall retain jurisdiction over this matter until 3/24/23.	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
7. Tesoro Refining & Marketing Company, LLC Case No. 4982-129 (Consent Calendar No Appearance)	203(b) 2004(f)(1) 2012(c)(2)(A) 2012(c)(3)(A) 2012(g)(1) 3002(c)(1) 2012, Table 1 2012, Appendix A, Chapter 2, Table 2-A	Planned turnaround for Heater H30 requires shutdown of equipment and CEMS temporarily during planned turnaround activities to maintain Heater in operating condition per permit. Can't utilize CEMS required by RECLAIM during turnaround activities and require CEMS to be disconnected. No NOx emissions.	Not Opposed/Granted	SV and AOC granted for 35 consecutive days between 3/10/22 and 4/25/22, or until final compliance, whichever comes first.	None
8. Tesoro Refining & Marketing Company, LLC Case No. 4982-129 (Consent Calendar No Appearance)	N/A	Clarification to adopt and incorporate, by reference Exhibit #3, which sets forth the additional findings required for the AOC, and duration of the variance and AOC.	Not Opposed/Granted	Board clarified the 3/1/22 hearing.	N/A
9. Torrance Refining Company LLC Case No. 6060-14 (D. Hsu)	203(b) 401(b)(1) 2004(f)(1) 3002(c)(1) H&S Code §41701	Ex Parte EV and AOC, due to a sudden loss of power, SCE's 66 kV feeder line resulted in 82% drop in voltage over 4 cycles causing failure of air pollution control equipment.	Not Opposed/Granted	Ex Parte EV granted commencing 3/8/22 and continuing for 30 days but no later than 4/7/22.	Opacity: TBD by 4/7/22

Acronyms

AOC: Alternative Operating Condition
CEMS: Continuous Emissions Monitoring System

CO: Carbon Monoxide EV: Emergency Variance

FCCU: Fluid Catalytic Cracking Unit H&S Code: Health and Safety Code

IV: Interim Variance

Mod. O/A: Modification Order for Abatement

N/A: Not Applicable
NOV: Notice of Violation
NOx: Oxides of Nitrogen O/A: Order for Abatement

PM10: Particulate Matter ≤ 10 microns

RHC: Reactive Hydrocarbons RV: Regular Variance SCR: Selective Catalyst Reduction SOx: Oxides of Sulfur

SV: Short Variance TBD: To be determined

			Rules fro	om which V	ariances a	and Orders	for Abatem	nent were	Requested	d in 2022			
Rules	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Actions
202(c)	1												1
203			1										1
203(b)	6	3	6										15
401(b)			2										2
403(d)(1)(A)		1	1										2
403(d)(2)		1	1										2
403(d)(4)		1	1										2
462(d)(1)		1											1
462(e)(1)(E)(i)(II)		1											1
1133.1(d)(3)		1	1										2
1133.1(d)(4)		1	1										2
1133.1(e)		1	1										2
1147	1												1
1153.1	1												1
1469.1(d)	1												1
1470(c)(4)A)	1											١	1
2004(f)(1)	5		3										8
2011(c)(2)(A)	1												1
2011(c)(3)(A)	1												1
2011(e)(1)	1												1
2012(i)			1										1
2011(k)	1												1
2011, APP. A, Ch 2-A, Att. C	1												1
2012(c)(2)(A)	1		2										3
2012(c)(3)(A)	1		1										2
2012(g)(1)	1		2										3
2012(m)	1												1
2012, APP. A, Ch 2, §A.1			1										1
2012, APP. A, Ch 2. A.16	1												1
2012, APP. A, Ch 2-A, Att. C	1												1
2012, Table 1			1										1
2012, APP. A, Ch 2, Table 2-A			1										1

Rules from which Variances and Orders for Abatement were Requested in 2022													
Rules	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Actions
3002(c)(1)	5		5										10
H&S Code §41701			2										2

SOUTH COAST AQMD RULES AND REGULATIONS INDEX FOR 2022 HEARING BOARD CASES AS OF MARCH 31, 2022

REGULATION II – PERMITS

Rule 202 Temporary Permit to Operate

Rule 203 Permit to Operate

REGULATION IV – PROHIBITIONS

Rule 403 Fugitive Dust

Rule 462 Organic Liquid Loading

REGULATION XI - TOXICS AND OTHER NON-CRITERIA POLLUTANTS

Rule 1133.1 Chipping & Grinding Activities

Rule 1147 NOx Reductions from Miscellaneous Sources

Rule 1153.1 Emissions of Oxides of Nitrogen from Commercial Food Ovens

REGULATION XIV - TOXICS AND OTHER NON-CRITERIA POLLUTANTS

Rule 1469.1 Spraying Operations Using Coatings Containing Chromium

Rule 1470 Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines

REGULATION XX - REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

Rule 2004 Requirements

Rule 2011 Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Sulfur (SOx) Emissions Rule 2012 Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions

REGULATION XXX – TITLE V PERMITS

Rule 3002 Requirements

CALIFORNIA HEALTH AND SAFETY CODE

§41701 Restricted Discharges



BOARD MEETING DATE:

AGENDA NO. 17

REPORT: Civil Filings and Civil Penalties Report

SYNOPSIS: This report summarizes monthly penalties and legal actions

filed by the General Counsel's Office from March 1 through March 31, 2022. An Index of South Coast AQMD Rules is

attached with the penalty report.

COMMITTEE: Stationary Source, April 15, 2022, Reviewed

RECOMMENDED ACTION:

Receive and file.

Bayron T. Gilchrist General Counsel

BTG:ew

There are no Civil Filings for March 2022.

Attachments

March 2022 Penalty Report Index of South Coast AQMD Rules and Regulations

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT GENERAL COUNSEL'S OFFICE

Settlement Penalty Report (03/01/2022 - 03/31/2022)

Total Penalties

Civil Settlement: \$1,453,778.00

Criminal Referral Settlement : \$6,985.05

MSPAP Settlement : \$17,390.00

Hearing Board Settlement : \$10,000.00

Total Cash Settlements: \$1,488,153.05

Fiscal Year through 03/31/2022 Cash Total: \$4,374,940.40

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
157047	AIR CLEAN ENVIRONMENTAL, INC.	1403, 40 CFR 61.145	03/15/2022	SH	P65514, P69232	\$2,500.00
186190	ARMSTRONG & ACEVES COMPANY INC	402, H&S 41700	03/15/2022	SH	P69357	\$5,000.00
181502	AXALTA COATING SYSTEMS, LLC	109, 203(a), 1151, 1171	03/02/2022	JL, WW	P66783, P67029, P68649, P69906, P69907, P73806, P73807, P73808, P73809, P73853, P73854, P73855, P73856, P73856, P73858, P73859, P73860, P73861, P73862, P73863, P73864, P73865, P73866, P74002, P74003, P74004	\$1,377,328.00
173694	DECRON PROPERTIES	1403, 40 CFR 61.145	03/24/2022	JL	P65426	\$9,000.00
12841	HARTWELL CORP	203, 1469	03/24/2022	JL	P67446, P72905, P72936	\$23,750.00
187918	HM COLLISION	109, 203(A)	03/15/2022	JL	P65590, P67734	\$1,200.00
191250	ISAAC OREN	1403	03/30/2022	NS	P70506	\$5,000.00
5973	SOCAL GAS CO	2004, 3002	03/24/2022	JL	P69283, P69286, P69287, P69292, P69294	\$15,000.00
121536	STAPLES, INC.	203(a), 2202	03/18/2022	JL	P64784, P65867, P65872, P69057, P70255	\$15,000.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Criminal R	Referral					
181837	J&C CONTRACTORS INC/DBA J&C ENVIRON	1403	03/24/2022	GV	P65944	\$6,985.05
Total Crim	ninal Referral Settlements : \$6,985.05					
Hearing Bo	oard					
104234	SCAQMD v. Mission Foods	202, 203(b), 1153.1, 1303	03/24/2022	KCM	5400-4	\$10,000.00
Total Hear	ring Board Settlements : \$10,000.00	, , , ,				. ,
MSPAP						
57534	A & G JONES DRY CLEANING INC	1421	03/18/2022	GC	P68266	\$660.00
157282	ARANZA'S AUTO BODY & PAINT	1171(c)(1)	03/18/2022	GC	P69380	\$680.00
8309	CAMBRO MANUFACTURING CO	1171(c)(1), 3002(c)(1)	03/18/2022	GC	P68563	\$3,400.00
183613	GENUINE CUSTOMS COLLISION CENTER	1151	03/25/2022	GC	P68722	\$800.00
121367	LAYMON CANDY CO INC	203	03/25/2022	TCF	P68274	\$500.00
187916	LIMOS BY MOONLIGHT	1171(c)(1)	03/29/2022	TCF	P69372	\$800.00
179712	LOUIS VUITTON US MANUFACTURING	203	03/25/2022	TCF	P69315	\$500.00
137145	MAPEI CORPORATION	203	03/29/2022	TCF	P68733	\$2,000.00
188286	MIRAGE CONSTRUCTION INC.	1403	03/09/2022	TCF	P67626	\$500.00
64167	PETRO BUILDERS INC	1166	03/25/2022	TCF	P70162	\$500.00
167335	PRO LINE BODY SHOP/PRO LINE AUTO CO.	203(a), 1151(e)(1)	03/09/2022	TCF	P68577	\$800.00
95505	R & R AUTO BODY	1171(c)(1)(A)(i)	03/09/2022	TCF	P69312	\$375.00
147971	REPUBLIC MASTER CHEFS	1146	03/29/2022	TCF	P69902	\$800.00
107320	SANTA ANITA GOLF COURSE	461	03/29/2022	TCF	P69663, P73704	\$1,600.00
159865	SLG CRENSHAW SHELL, INC	461	03/09/2022	TCF	P70217	\$300.00
190940	SOOFER, HOOSHMAND TR; H SOOFER TRUST	1403	03/09/2022	GV	P69746	\$375.00
171675	TESORO (ARCO) #63310	461, H&S 41960.2	03/29/2022	GC	P69604	\$800.00
152056	TESORO SOUTH COAST CO., LLC	461, H&S 41960.2	03/30/2022	TCF	P70454	\$2,000.00

SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX MARCH 2022 PENALTY REPORT

REGULATION I - GENERAL PROVISIONS

Rule 109 Recordkeeping for Volatile Organic Compound Emissions

REGULATION II - PERMITS

Rule 202 Temporary Permit to Operate

Rule 203 Permit to Operate

REGULATION IV - PROHIBITIONS

Rule 402 Nuisance

Rule 461 Gasoline Transfer and Dispensing

REGULATION XI - SOURCE SPECIFIC STANDARDS

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

and Process Heaters

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 1166 Volatile Organic Compound Emissions from Decontamination of Soil

Rule 1171 Solvent Cleaning Operations

REGULATION XIII - NEW SOURCE REVIEW

Rule 1303 Requirements

REGULATION XIV - TOXICS

Rule 1403 Asbestos Emissions from Demolition/Renovation Activities

Rule 1421 Control of Perchloroethylene Emissions from Dry Cleaning Operations

Rule 1469 Hexavalent Chromium Emissions from Chrome Plating and Chromic Acid Anodizing Operations

REGULATION XX REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

Rule 2004 Requirements

REGULATION XXXTITLE V PERMITS

Rule 3002 Requirements

REGULATION XXII ON-ROAD MOTOR VEHICLE MITIGATION

Rule 2202 On-Road Motor Vehicle Mitigation Options

CALIFORNIA HEALTH AND SAFETY CODE

41700 Prohibited Discharges 41960.2 Gasoline Vapor Recovery

CODE OF FEDERAL REGULATIONS

40 CFR 61.145 Standard for Demolition and Renovation



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 18

REPORT: Lead Agency Projects and Environmental Documents Received

South Coast AQMD between March 1, 2022 and March 31, 2022, and those projects for which South Coast AQMD is acting as lead

This report provides a listing of CEQA documents received by

agency pursuant to CEQA.

COMMITTEE: Mobile Source, April 15, 2022, Reviewed

RECOMMENDED ACTION:

Receive and file.

SYNOPSIS:

Wayne Nastri Executive Officer

SR:MK:MM:LS:MC

CEQA Document Receipt and Review Logs (Attachments A and B) – Each month, South Coast AQMD receives numerous CEQA documents from other public agencies on projects that could adversely affect air quality. A listing of all documents received during the reporting period March 1, 2022 to March 31, 2022 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 February reporting period is included as Attachment B. A total of 53 CEQA documents were received during this reporting period and 14 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.

In January 2006, 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 March 1, 2022 to March 31, 2022, South Coast AQMD received 53 CEQA documents. Of the 64 documents listed in Attachments A and B:

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

(The above statistics are from March 1, 2022 to March 31, 2022 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 March.

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

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Goods Movement LAC220310-01 Berth 191-194 (Ecocem) Low Carbon Cement Processing Facility#	The project consists of construction of a cement processing facility with an annual production capacity of 750,000 metric tons on 5.8 acres. The project is located at 100 Yacht Street near the southeast corner of Yacht Street and Canal 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/2022/april/LAC220310-01.pdf Comment Period: 3/10/2022 - 4/11/2022 Public Hearing: 3/30/2022	Notice of Preparation	City of Los Angeles Harbor Department	South Coast AQMD staff commented on 4/5/2022
Warehouse & Distribution Centers RVC220301-07 Plot Plan No. 210022	The project consists of construction of two warehouses totaling 98,940 square feet on 9.8 acres. The project is located near the northwest corner of Perry Street and Seaton Avenue in the community of Mead Valley. Reference RVC210511-05	Notice of Intent to Adopt a Mitigated Negative Declaration	County of Riverside	Document reviewed - No comments sent for this document received
Warehouse & Distribution Centers RVC220302-02 MA22035	Comment Period: 3/1/2022 - 3/21/2022 Public Hearing: 3/23/2022 The project consists of construction of a 94,964 square foot warehouse on 4.58 acres. The project is located at 5510 28th Street near the southwest corner of 28th Street and Rubidoux Boulevard. Comment Period: 3/2/2022 - 3/16/2022 Public Hearing: N/A	Site Plan	City of Jurupa Valley	Document reviewed - No comments sent for this document received
Warehouse & Distribution Centers RVC220316-01 Orchard Logistics	The project consists of construction of a 610,000 square foot warehouse on 30.91 acres. The project is located at 38021 State Route 60 on the southeast corner of State Route 60 and Western Knolls Avenue. Comment Period: 3/16/2022 - 4/7/2022 Public Hearing: 4/7/2022	Site Plan	City of Beaumont	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.

Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

^{# -} Project has potential environmental justice concerns due to the nature and/or location of the project.

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Warehouse & Distribution Centers RVC220322-01 Plot Plan No. 210130	The project consists of construction of a 239,308 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. Reference RVC211005-07	Notice of Intent to Adopt a Mitigated Negative Declaration	County of Riverside	Document reviewed - No comments sent for this document received
Warehouse & Distribution Centers	Comment Period: 3/16/2022 - 4/14/2022 Public Hearing: 4/18/2022 The project consists of construction of a 58,643 square foot warehouse on 3.77 acres. The project	Site Plan	City of Menifee	Document
RVC220322-02 DEV No. 2022-009	is located on the southeast corner of Trumble Road and Mapes Road.			reviewed - No comments sent for this document received
	Comment Period: 3/21/2022 - 4/12/2022 Public Hearing: 4/5/2022			
Warehouse & Distribution Centers SBC220301-01 5006 and 5010 Mission Boulevard Warehouse	The project consists of construction of a 115,350 square foot warehouse on 5.13 acres. The project is located near the northeast corner of Mission Boulevard and Monte Vista Avenue.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Montclair	Document reviewed - No comments sent for this document received
	Comment Period: 2/25/2022 - 3/16/2022 Public Hearing: N/A			
Warehouse & Distribution Centers SBC220308-03 Pepper Avenue Specific Plan Amendment and Industrial Development Project	The project consists of construction of a 485,000 square foot warehouse on 23.83 acres. The project is located near the northeast corner of Pepper Avenue and Walnut Avenue.	Notice of Preparation	City of Rialto	South Coast AQMD staff commented on 3/22/2022
1 -	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/SBC220308-03.pdf			
	Comment Period: 3/4/2022 - 4/4/2022 Public Hearing: 3/16/2022			

^{# -} 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.

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Warehouse & Distribution Centers	The project consists of construction of three warehouses totaling 1,032,090 square feet on 47.07	Notice of	City of Rancho	Under
SBC220317-05 Ninth and Vineyard Development Project#	acres. The project is located near the southeast corner of East Ninth Street and Vineyard Avenue.	Availability of a Draft Environmental Impact Report	Cucamonga	review, may submit written comments
	Comment Period: 3/15/2022 - 5/2/2022 Public Hearing: N/A			
Warehouse & Distribution Centers	The project consists of construction of a 54,330 square foot warehouse on 3.01 acres. The project	Site Plan	City of Highland	Document
SBC220317-06 Patriot Warehouse	is located on the northwest corner of Central Avenue and Third Street.			reviewed - No comments sent for this document received
	Comment Period: 3/17/2022 - 4/4/2022 Public Hearing: N/A			
Warehouse & Distribution Centers	The project consists of construction of three warehouses totaling 485,042 square feet on 30.1	Notice of	City of Fontana	South Coast
SBC220324-01 Sierra Business Center	acres. The project is located on the northeast corner of Sierra Avenue and Casa Grande Avenue.	Preparation		AQMD staff commented on 4/12/2022
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/april/SBC220324-01.pdf			
	Comment Period: 3/22/2022 - 4/21/2022 Public Hearing: 4/6/2022			
Warehouse & Distribution Centers	The project consists of construction of a 492,410 square foot warehouse on 21 acres. The project	Draft	City of Rialto	Document
SBC220324-04 Birtcher Logistics Center Rialto	is located on the northwest corner of Valley Boulevard and Willow Avenue. Reference SBC210727-03	Environmental Impact Report		reviewed - No comments sent for this document received
	Comment Period: 3/22/2022 - 5/5/2022 Public Hearing: N/A			

^{# -} 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.

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Industrial and Commercial LAC220317-08 Melrose and Seward Project	The project consists of demolition of an 8,473 square foot existing building, and construction of a 67,889 square foot office building with subterranean parking on 1.04 acres. The project is located on the northwest corner of West Melrose Avenue and North Sewart Street in the community of Hollywood.	Mitigated Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
	Comment Period: 3/17/2022 - 4/15/2022 Public Hearing: N/A			
Industrial and Commercial RVC220308-01 DPR22-00008	The project consists of construction of a 121,100 square foot industrial building on 5.74 acres. The project is located on the northeast corner of Placentia Avenue and Redlands Avenue.	Site Plan	City of Perris	Document reviewed - No comments sent for this document received
	Comment Period: 3/1/2022 - 3/18/2022 Public Hearing: N/A			
Industrial and Commercial	The project consists of construction of a business park with 12 buildings totaling 94,665 square	Notice of Intent	City of Lake	Document reviewed -
RVC220317-01 North Elsinore Business Park Project	feet on 7.51 acres. The project is located near the northwest corner of Collier Avenue and Riverside Drive.	to Adopt a Mitigated Negative Declaration	Elsinore	No comments sent for this document received
Waste and Water-related	Comment Period: 3/17/2022 - 4/15/2022 Public Hearing: 5/3/2022 The project consists of approval of modified hazardous waste facility permit to permanently	Permit	Department of	Document
LAC220301-09 Quemetco, Inc.#	operate a compression auger and a centrifuge. 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 LAC211001-05, LAC210907-04, LAC210907-03, LAC210427-09, LAC210223-04, LAC210114-07, LAC191115-02, and LAC180726-06	Modification Approval	Toxic Substances Control	reviewed - No comments sent for this document received
	Comment Period: 2/23/2022 - 3/28/2022 Public Hearing: N/A			

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Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Waste and Water-related LAC220308-09 Former Venoco Facility#	The project consists of development of cleanup actions to excavate, dispose, cap, and remediate soil contaminated with methane on 0.6 acres. The project is located at 241 Moreno Drive on the northwest corner of West Olympic Boulevard and Spalding Drive in the City of Beverly Hills. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/april/LAC220308-09.pdf	Draft Remedial Action Plan	Department of Toxic Substances Control	South Coast AQMD staff commented on 4/5/2022
	Comment Period: 3/8/2022 - 4/7/2022 Public Hearing: 3/23/2022			
Waste and Water-related LAC220308-10 Former Westinghouse Facility	The project consists of installation of soil vapor extraction to clean up soil contaminated with volatile organic compounds on 7.26 acres. The project is located at 18020 South Santa Fe Avenue on the northeast corner of Santa Fe Avenue and East Harcourt Street in the community of Rancho Dominguez and the designated AB 617 Wilmington, Carson, West Long Beach community within Los Angeles County. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/april/LAC220308-10.pdf Comment Period: 3/9/2022 - 4/8/2022 Public Hearing: N/A	Draft Remedial Action Workplan	Department of Toxic Substances Control	South Coast AQMD staff commented on 4/5/2022
Waste and Water-related RVC220301-06 Phase III A-2 Transmission Main, Valley View Mobile Home Park Water Consolidation Project	The project consists of construction of 3,500 linear feet of potable water pipelines ranging from 30 inches to 32 inches in diameter. The project is located on the northeast corner of Airport Boulevard and Palm Street in the community of Thermal within the designated AB 617 Eastern Coachella Valley community. Comment Period: 2/28/2022 - 3/21/2022 Public Hearing: N/A	Notice of Intent to Adopt a Subsequent Mitigated Negative Declaration	Coachella Valley Water District	Document reviewed - No comments sent for this document received
Waste and Water-related RVC220315-02 Banning Well C-8	The project consists of construction of a groundwater well 1,100 feet in depth 48 inches in diameter with a capacity of 2,000 gallons per minute, 2,500 linear feet of water pipelines six inches to 10 inches in diameter, and a 1,500 gallon water storage tank on 0.51 acres. The project is located near the northeast corner of Thompson Avenue and West Gilman Street.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Banning	Document reviewed - No comments sent for this document received
	Comment Period: 3/11/2022 - 4/9/2022 Public Hearing: N/A			

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SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Waste and Water-related RVC220315-03 Judson Transmission Main Project	The project consists of construction of 6,700 linear feet of potable water pipelines 18 inches in diameter. The project is located along Perris Boulevard between Heacock Street to the north and Robin Lane to the south in the City of Moreno Valley.	Mitigated Negative Declaration	Eastern Municipal Water District	Document reviewed - No comments sent for this document received
	Comment Period: 3/10/2022 - 4/11/2022 Public Hearing: N/A			
Waste and Water-related RVC220324-05 Parcel 778-020-007	The project consists of development of cleanup actions to excavate, remove, and dispose 300 cubic yards of soil contaminated with toxaphene and dieldrin on 3.8 acres. The project is located at 1577 First Street on the northwest corner of First Street and Harrison Street in the City of Coachella within the designated AB 617 Eastern Coachella Valley community. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/april/RVC220324-05.pdf	Draft Removal Action Workplan	Department of Toxic Substances Control	South Coast AQMD staff commented on 4/12/2022
Waste and Water-related	Comment Period: 3/25/2022 - 4/25/2022 Public Hearing: N/A	Permit Renewal	D	Document
SBC220310-06 Former Filter Recycling Services	The project consists of renewal of an existing hazardous waste facility permit to continue to store, treat, and transfer wastes. The project is located at 180 West Monte Avenue near the northwest corner of West Monte Avenue and South Riverside Avenue in the City of Rialto. Reference SBC171019-08, SBC161227-12, SBC140909-05, SBC120425-02, and SBC130213-01	Permit Renewai	Department of Toxic Substances Control	reviewed - No comments sent for this document received
	Comment Period: 3/11/2022 - 4/25/2022 Public Hearing: N/A			
Transportation ORC220301-05 Silverado Canyon Road Bridge Replacement Over Silverado Creek Project	The project consists of construction of a 58 linear foot bridge 44 feet in width. The project is located near the northeast corner of Silverado Canyon Road and School Road in the community of Silverado.	Notice of Intent to Adopt a Mitigated Negative Declaration	County of Orange	Document reviewed - No comments sent for this document received
	Comment Period: 2/24/2022 - 3/28/2022 Public Hearing: N/A			

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SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Transportation ORC220308-04 Modjeska Canyon Road Bridge Replacement Project	The project consists of construction of a 65 linear foot bridge 43 feet in width. The project is located on the northwest corner of Modjeska Canyon Road and Markuson Road in the community of Modjeska Canyon.	Notice of Intent to Adopt a Mitigated Negative Declaration (received after close of comment period)	County of Orange	Document reviewed - No comments sent for this document received
	Comment Period: 2/4/2022 - 3/7/2022 Public Hearing: N/A			
Institutional (schools, government, etc.)	The project consists of construction of five recreational facilities totaling 108,249 square feet, two	Draft	City of Los Angeles	Document
LAC220310-04 Harvard Westlake River Park Project	sports fields, eight tennis courts, and 5.4 acres of open space on 17.2 acres. The project is located on the southwest corner of Valley Spring Lane and Whitsett Avenue in the community of Sherman Oaks-Studio City-Toluca Lake-Cahuenga Pass. Reference LAC201001-19	Environmental Impact Report		reviewed - No comments sent for this document received
	Comment Period: 3/10/2022 - 5/10/2022 Public Hearing: N/A			
Institutional (schools, government, etc.)	The project consists of construction of a 60,000 square foot school facility on a 1.38 acre portion	Notice of Intent	Regents of the	Document
LAC220315-01 CSU Northridge Global Hispanic Serving Institution Equity Innovation Hub	of 353 acres. The project is located at 18111 Nordhoff Street near the northwest corner of Nordhoff Street and Lindley Avenue in the community of Northridge within Los Angeles County.	to Adopt a Mitigated Negative Declaration	University of California	reviewed - No comments sent for this document received
	Comment Period: 3/9/2022 - 4/8/2022 Public Hearing: 5/24/2022			

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SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Institutional (schools, government, etc.) ORC220322-04 Bluebird Canyon and Park Avenue Fuel Modification Projects	The project consists of development of wildfire control and vegetation removal strategies on 25 acres. The project includes two sites: 1) Bluebird Canyon Site located on the southwest corner of Temple Hills Drive and Zell Drive and 2) Park Avenue Site located along Park Avenue between Hidden Valley Canyon Road to the east and Wendt Terrace to the west.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Laguna Beach	Document reviewed - No comments sent for this document received
	Comment Period: 3/21/2022 - 4/29/2022 Public Hearing: 5/4/2022			
Retail LAC220303-02 Compton Self Storage Project	The project consists of construction of a 108,476 square foot self storage facility on 1.86 acres. The project is located at 15200 South Gibson Avenue near the southwest corner of South Gibson Avenue and Somerset Boulevard in the designated AB 617 South Los Angeles community.	Mitigated Negative Declaration	City of Compton	Document reviewed - No comments sent for this document received
	Comment Period: 3/3/2022 - 3/23/2022 Public Hearing: N/A			_
Retail LAC220310-07 6445 Sunset Boulevard Project	The project consists of construction of a 59,655 square foot hotel with 175 rooms and 11,400 square feet of restaurant uses on 9,945 square feet. The project is located near the northwest corner of West Sunset Boulevard and Cahuenga Boulevard in the community of Hollywood.	Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
	Comment Period: 3/10/2022 - 4/11/2022 Public Hearing: N/A			
Retail LAC220317-07 18618 West Oxnard Street Project	The project consists of construction of a 97,846 square foot self storage facility on 1.5 acres. The project is located near the southwest corner of West Oxnard Street and Baird Avenue in the community of Encino-Tarzana.	Mitigated Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
	Comment Period: 3/17/2022 - 4/6/2022 Public Hearing: N/A			

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SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Retail RVC220302-01 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 RVC211015-02, RVC210611-01, RVC200901-14, RVC200303-07, and RVC190710-01	Site Plan	City of Beaumont	Document reviewed - No comments sent for this document received
Retail RVC220324-03 Schmid Investments Two Lot Subdivision	Comment Period: 3/2/2022 - 3/17/2022 Public Hearing: 3/17/2022 The project consists of subdivision of 1.42 acres for future development of commercial uses. The project is located on the northwest corner of State Route 111 and Village Court.	Negative Declaration	City of Indian Wells	Document reviewed - No comments sent for this document received
	Comment Period: 3/17/2022 - 4/6/2022 Public Hearing: N/A			
General Land Use (residential, etc.) LAC220301-02 The Grove at Merced Specific Plan	The project consists of construction of 39 residential units totaling 76,605 square feet on 2.26 acres. The project is located at 1912 West Merced Avenue on the southwest corner of West Merced Avenue and South Van Horn Avenue.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of West Covina	Document reviewed - No comments sent for this document received
C	Comment Period: 2/22/2022 - 3/14/2022 Public Hearing: 4/12/2022	NI-4:£	Cita of Augustia	Document
General Land Use (residential, etc.) LAC220301-03 Alexan Mixed Use Development	The project consists of construction of 319 residential units with subterranean parking on 2.96 acres. The project is located at 150 North Santa Anita Avenue on the southeast corner of North Santa Anita Avenue and East Santa Clara Street. Reference LAC210720-05	Notice of Availability of a Draft Environmental Impact Report	City of Arcadia	reviewed - No comments sent for this document received
	Comment Period: 2/24/2022 - 4/11/2022 Public Hearing: N/A			

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SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
General Land Use (residential, etc.) LAC220303-01 Norumbega Drive Residence Project	The project consists of construction of a 3,758 square foot residential unit on 1.3 acres. The project is located near the northeast corner of Norumbega Drive and Norumbega Road.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Monrovia	Document reviewed - No comments sent for this document received
General Land Use (residential, etc.) LAC220310-03 Fourth and Central Project	Comment Period: 2/28/2022 - 3/21/2022 Public Hearing: 4/13/2022 The project consists of demolition of 360,734 square feet of structures, and construction of 1,521 residential units totaling 1,731,849 square feet, 411,113 square feet of office uses, 101,088 square feet of restaurant uses, a 74,484 square foot hotel with 68 rooms, and 90,113 square feet of open space on 7.6 acres. The project is located at 400 Central Avenue on the southeast corner of Central Avenue and Fourth Street in the community of Central City. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/april/LAC220310-03.pdf Comment Period: 3/10/2022 - 4/11/2022 Public Hearing: 3/23/2022	Notice of Preparation	City of Los Angeles	South Coast AQMD staff commented on 4/5/2022
General Land Use (residential, etc.) LAC220310-05 The Morrison Project	The project consists of demolition of 32,550 square feet of buildings, and construction of a 186,155 square foot building with 136 residential units, a 444 room hotel, 7,993 square feet of restaurant uses, a 5,843 square foot museum, and subterranean parking on 1.29 acres. The project is located on the southeast corner of South Hope Street and West 12th Street in the community of Central City. Reference LAC190416-03 Comment Period: 3/10/2022 - 4/25/2022 Public Hearing: N/A	Draft Environmental Impact Report	City of Los Angeles	Document reviewed - No comments sent for this document received
General Land Use (residential, etc.) LAC220317-03 Chadwick Ranch Estates Specific Plan	The project consists of construction of 14 residential units on 111.8 acres. The project is located near the northwest corner of Royal Oaks Drive and Mountain Avenue. Reference LAC200423-08	Notice of Availability of a Draft Environmental Impact Report	City of Bradbury	Document reviewed - No comments sent for this document received
	Comment Period: 3/11/2022 - 4/25/2022 Public Hearing: N/A			

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SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
General Land Use (residential, etc.)	Staff provided comments on the Draft Environmental Impact Report for the project, which can be	Final	City of Los Angeles	Document
LAC220317-04 Sixth Street Park, Arts, River, and Connectivity Improvements Project	accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2021/july/LAC210527-02.pdf . The project consists of construction of recreational and stormwater management facilities on 13 acres. The project is located on the northwest corner of South Boyle Avenue and Seventh Street in the communities of Central City North and Boyle Heights within the designated AB 617 East Los Angeles, Boyle Heights, West Commerce community. Reference LAC210527-02 and LAC170426-07	Environmental Impact Report		reviewed - No comments sent for this document received
	Comment Period: N/A Public Hearing: N/A			
General Land Use (residential, etc.) LAC220322-03	The project consists of construction of an 8,099 square foot residential unit on 4.5 acres. The project is located on the northwest corner of Runyon Canyon Road Hiking Path and Runyon	Notice of Availability of a	City of Los Angeles	Document reviewed -
3003 Runyon Canyon	Canyon Road in the community of Hollywood Hills. Reference LAC190823-03 and LAC180405-01	Final Environmental Impact Report		No comments sent for this document received
	Comment Period: N/A Public Hearing: N/A			
General Land Use (residential, etc.)	The project consists of construction of 379 residential units, a 277,108 square foot senior living facility with 191 units, and 8,914 square feet of commercial uses on 31.8 acres. The project is	Notice of Preparation	City of Santa Clarita	South Coast AQMD staff
LAC220324-02 Wiley Canyon Project	located near the northwest corner of Wiley Canyon Road and Calgrove Boulevard.	1 Topulation		commented on 4/12/2022
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/april/LAC220324-02.pdf Comment Period: 3/24/2022 - 4/25/2022 Public Hearing: 4/14/2022			
General Land Use (residential, etc.)	The project consists of construction of 1,100 residential units, 15.1 acres of recreational uses, and	Notice of	City of Brea	Document
ORC220308-05 Brea 265 Specific Plan	47.5 acres of open space on 262.1 acres. The project is located on the northeast corner of State Route 90 and State Route 57.	Availability of a Draft Environmental Impact Report		reviewed - No comments sent for this document received
	Comment Period: 3/9/2022 - 4/22/2022 Public Hearing: 3/22/2022			

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SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
General Land Use (residential, etc.) ORC220317-02 Laguna Niguel City Center Mixed Use	The project consists of construction of 275 residential units and 175,000 square feet of commercial and civic uses on 25 acres. The project is located on the southeast corner of Alicia Parkway and Pacific Land Drive.	Notice of Availability of a Draft	City of Laguna Niguel	Document reviewed - No comments
Project Project	Reference ORC191205-02 Comment Period: 3/15/2022 - 4/29/2022 Public Hearing: N/A	Environmental Impact Report		sent for this document received
General Land Use (residential, etc.)	The project consists of construction of 240 residential units on 19.25 acres. The project is located	Site Plan	City of Menifee	Document
RVC220301-04 The Village at Junipero	on the northeast corner of McCall Boulevard and Junipero Road.			reviewed - No comments sent for this document received
	Comment Period: 2/22/2022 - 3/16/2022 Public Hearing: 3/15/2022			
General Land Use (residential, etc.)	The project consists of construction of 192 residential units totaling 476,265 square feet on 10.93	Site Plan	City of Beaumont	Document reviewed -
RVC220301-08 Xenia Apartments	acres. The project is located on the southeast corner of Xenia Avenue and East Eighth Street.			No comments sent for this document received
	Comment Period: 3/1/2022 - 3/10/2022 Public Hearing: 3/10/2022			
General Land Use (residential, etc.)	The project consists of construction of 1,718 residential units, 275.5 acres of business park uses,	Notice of Preparation	City of Menifee	South Coast AQMD staff
RVC220308-07 Menifee Valley Specific Plan	32.1 acres of commercial uses, 33.3 acres of public facilities, 19.6 acres of roadway improvements, and 44.5 acres of open space on 590.3 acres. The project is located on the northeast corner of Matthews Road and Menifee Road. Reference RVC211015-01, RVC190821-04, and RVC180823-02	Freparation		commented on 3/22/2022
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/RVC220308-07.pdf Comment Period: 3/10/2022 - 4/8/2022 Public Hearing: 3/29/2022			

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SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
General Land Use (residential, etc.)	The project consists of construction of 118 residential units on 10.4 acres. The project is located	Site Plan	City of Jurupa	Document
RVC220310-02 MA22051	on the southwest corner of Limonite Avenue and Beach Street.		Valley	reviewed - No comments sent for this document received
	Comment Period: 3/10/2022 - 3/24/2022 Public Hearing: N/A			
RVC220315-04 Tentative Tract Map No. 38372	The project consists of construction of 426 residential units on 18.3 acres. The project is located on the northwest corner of Scott Road and Haleblian Road. Reference RVC180904-06	Site Plan	City of Menifee	Document reviewed - No comments sent for this document received
	Comment Period: 3/15/2022 - 4/5/2022 Public Hearing: 4/5/2022			
Plans and Regulations LAC220308-06 Picture Culver City: General Plan 2045	The project consists of updates to the City's General Plan to develop policies, goals, and strategies to guide future development with a planning horizon of 2045. The project encompasses 5.14 square miles and is bounded by City of Los Angeles to the north, south and west and unincorporated areas of Los Angels County to the east. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/LAC220308-06.pdf Comment Period: 3/3/2022 - 4/4/2022 Public Hearing: 3/24/2022	Notice of Preparation	City of Culver City	South Coast AQMD staff commented on 3/22/2022
Plans and Regulations	The project consists of development of citywide policies, strategies, and programs to reduce	Notice of	City of Long Beach	Document
LAC220318-01 The Climate Action and Adaptation Plan and Safety Element Update	greenhouse gas emissions and enhance climate resilience. The project encompasses 50 square miles and is bounded by State Route 91 to the north, Interstate 605 to the east, East Ocean Boulevard to the south, and State Route 47 to the west in the designated AB 617 Wilmington, Carson, West Long Beach community.	Availability of a Draft Subsequent Environmental Impact Report		reviewed - No comments sent for this document received
	Comment Period: 3/8/2022 - 5/2/2022 Public Hearing: N/A			

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SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYP	PE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		De	OC.		STATUS
Plans and Regulations ORC220308-08 Santa Ana Off Premises Commercial Advertising Signs Ordinance Update Project	The project consists of amendments to citywide ordinance to establish permitted location design guidelines for digital display billboards. The project includes two locations: 1) a Route 55 between Edinger Avenue to the north and Main Street to the south and 2) alon Interstate 5 between East Memory Lane to the north and East Fourth Street to the south	ng State to Ac ng Miti	of Intent dopt a gated ative aration	City of Santa Ana	Document reviewed - No comments sent for this document received
	Comment Period: 3/7/2022 - 4/6/2022 Public Hearing: 4	/25/2022			
Plans and Regulations RVC220308-02 Towne Center Specific Plan	The project consists of development of land use policies, design standards, and implem programs to guide future development on 19.6 acres. The project is located on the sout corner of Railroad Canyon Road and South Canyon Lake Drive.	heast to Ac Neg	of Intent dopt a ative aration	City of Canyon Lake	Document reviewed - No comments sent for this document received
	Comment Period: 3/4/2022 - 4/4/2022 Public Hearing: N	J/A			

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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 DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Warehouse & Distribution Centers RVC220209-01 Plot Plan No. 22-015	The project consists of construction of a 277,578 square foot warehouse on 13.35 acres. The project is located on the southwest corner of Sherman Road and Maples Road. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/RVC220209-01.pdf Comment Period: 2/8/2022 - 3/2/2022 Public Hearing: 3/1/2022	Site Plan	City of Menifee	South Coast AQMD staff commented on 3/1/2022
Waste and Water-related	The project consists of development of remedial actions to complete groundwater monitoring,	Statement of	Department of	South Coast
LAC220208-08 Rainbow Transport Tank Cleaners Site Project	installation of a soil vapor extraction system, establishment of a land use covenant to restrict future land uses to commercial and industrial uses, and a soil management plan on 10 acres. The project is located at 21119 South Wilmington Avenue near the southwest corner of South Wilmington Avenue and East Dominguez Street in the City of Carson within the designated AB 617 Wilmington, Carson, West Long Beach community. Reference LAC150721-06 and LAC130814-01 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/LAC220208-08.pdf	Basis	Toxic Substances Control	AQMD staff commented on 3/8/2022
TX7	Comment Period: 2/8/2022 - 3/25/2022 Public Hearing: 3/9/2022	N. 6'-4' 1	0 0 1	0 10 1
Waste and Water-related ORC220217-14 Valencia Greenery Composting Operation at Olinda Alpha Landfill	The project consists of construction of an organic waste composting facility to receive up to 230 tons per day of green waste and agricultural material on 15.3 acres. The project is located at 1942 North Valencia Avenue near the northeast corner of North Valencia Avenue and Sandpiper Way in the City of Brea. Reference ORC201105-01 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/ORC220217-14.pdf	Mitigated Negative Declaration	Orange County Waste and Recycling	South Coast AQMD staff commented on 3/22/2022
	Comment Period: 2/22/2022 - 3/22/2022 Public Hearing: 3/2/2022			
Institutional (schools, government, etc.) LAC220217-05 La Brea Tar Pits Master Plan Project	The project consists of construction of a 105,000 square foot museum on 13 acres. The project is located 5801 Wilshire Boulevard on the northwest corner of Wilshire Boulevard and South Curson Avenue in the community of Miracle Mile. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/LAC220217-05.pdf	Notice of Preparation	County of Los Angeles	South Coast AQMD staff commented on 3/15/2022
Institutional (schools, government, etc.)	Comment Period: 2/14/2022 - 3/16/2022 Public Hearing: 3/2/2022 The project consists of construction of an 87,000 square foot school facility to accommodate up to	Notice of	Regents of the	South Coast
RVC220217-08 Riverside Unified School District Science, Technology, Engineering, and Mathematics Education Center	800 students on six acres. The project is located on the southwest corner of West Blaine Street and Canyon Crest Drive in the City of Riverside. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/RVC220217-08.pdf	Preparation	University of California	AQMD staff commented on 3/8/2022
	Comment Period: 2/16/2022 - 3/18/2022 Public Hearing: 3/9/2022			

^{*}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 DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
General Land Use (residential, etc.) LAC220201-09 Griswold Residential	The project consists of construction of 68 residential units on 9.5 acres. The project is located at 16209 East San Bernardino Road near the northwest corner of East San Bernardino Road and North Hartley Avenue in the community of East Irwindale. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/LAC220201-09.pdf Comment Period: 2/1/2022 - 3/3/2022 Public Hearing: 2/10/2022	Notice of Preparation	County of Los Angeles	South Coast AQMD staff commented on 3/1/2022
General Land Use (residential, etc.) LAC220208-07 Norwalk Entertainment District-Civic Center Specific Plan	The project consists of construction of 400 residential units and 150,000 square feet of commercial uses on 12.2 acres. The project is located on the southeast corner of Imperial Highway and Norwalk Boulevard. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/LAC220208-07.pdf Comment Period: 2/7/2022 - 3/9/2022 Public Hearing: 2/17/2022	Notice of Preparation	City of Norwalk	South Coast AQMD staff commented on 3/1/2022
General Land Use (residential, etc.) SBC220217-04 Villa Serena Specific Plan	The project consists of construction of 65 residential units on 9.2 acres. The project is located near the southwest corner of East 15th Street and North Monte Verde Avenue. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/SBC220217-04.pdf	Notice of Preparation	City of Upland	South Coast AQMD staff commented on 3/8/2022
Plans and Regulations LAC220217-09 Los Angeles County Metro Area Plan	Comment Period: 2/8/2022 - 3/9/2022 Public Hearing: N/A The project consists of development of land use policies and implementation strategies to address affordable housing needs, transportation improvements, air quality, economic development, and environmental justice. The project encompasses seven unincorporated communities: 1) East Los Angeles, 2) Florence-Firestone, 3) Willowbrook, 4) West Rancho Dominguez-Victoria, 5) East Rancho Dominguez, 6) Walnut Park, and 7) West Athens-Westmont. The project includes four designated AB 617 communities: 1) East Los Angeles, Boyle Heights, West Commerce, 2) Southeast Los Angeles, 3) South Los Angeles, and 4) Wilmington, Carson, West Long Beach. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/LAC220217-09.pdf Comment Period: 2/14/2022 - 3/17/2022 Public Hearing: 3/2/2022	Notice of Preparation	County of Los Angeles	South Coast AQMD staff commented on 3/15/2022
Plans and Regulations ORC220222-02 Center City Corridors Specific Plan	The project consists of development of land use policies, design standards, and implementation programs to guide future development on 2,600 acres. The project is located on the southwest corner of State Route 91 and North East Street. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/ORC220222-02.pdf Comment Period: 2/14/2022 - 3/28/2022 Public Hearing: 3/10/2022	Notice of Preparation	City of Anaheim	South Coast AQMD staff commented on 3/15/2022

^{# -} 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 DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Plans and Regulations	The project consists of updates to the City's General Plan to develop policies, goals, and strategies	Notice of	City of Anaheim	South Coast
ORC220222-03 City of Anaheim General Plan Update	to guide future development with a planning horizon of 2042. The project encompasses 50.88 square miles and is bounded by cities of Fullerton, Placentia, and Yorba Linda to the north, unincorporated areas of Riverside County to the east, cities of Orange, Garden Grove, and Stanton to the south, and cities of Cypress and Buena Park to the west. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/ORC220222-03.pdf	Preparation		AQMD staff commented on 3/15/2022
	Comment Period: 2/16/2022 - 3/18/2022 Public Hearing: 3/2/2022			

^{# -} 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 MARCH 31, 2022

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)	The Draft EIR was released for a 124-day public review and comment period from October 14, 2021 to February 15, 2022 and approximately 200 comment letters were received. Staff held two community meetings, on November 10, 2021 and February 9, 2022, which presented an overview of the proposed project, the CEQA process, detailed analysis of the potentially significant environmental topic areas, and the existing regulatory safeguards. Written comments submitted relative to the Draft EIR and oral comments made at the community meetings, along with responses will be included in the Final EIR which is being prepared by the consultant.	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 have been addressed by the consultant and incorporated into a Preliminary Draft SEIR which is undergoing staff review.	SCS Engineers



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 19

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 Nastri Executive Officer

SLR:MK: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 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 teleand videoconferencing. Also, staff has increased the review time for working group materials to allow stakeholders additional time to prepare for meetings.

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

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

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

,	218.2	Enhanced Requirements for Continuous Emission Monitoring System
,	218.3	Enhanced Requirements for Continuous Emission Monitoring System
		Performance Specifications
		<u> </u>

Proposed Amended Rules 218.2 and 218.3 are being moved from June to September 2022. Staff is working with stakeholders on comments raised at the Public Workshop.

429 Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen

Proposed Amended Rule 429 is being moved from June to September 2022 to better distribute Public Hearing items for Board meetings.

Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers

Proposed Amended Rule 1148.2 is being moved from August to November 2022 to allow additional time for staff to develop proposal and work with stakeholders.

1153.1 Emissions of Oxides of Nitrogen from Commercial Food Ovens

Proposed Amended Rule 1153.1 is being moved from August to December 2022 to allow staff additional time to complete the BARCT assessment.

1159.1 Control of NOx Emissions from Nitric Acid Tanks

Proposed Rule 1159.1 is being moved from October to December 2022 to allow staff additional time to complete the BARCT assessment.

1466.1 Control of Particulate Emissions from Demolition of Buildings

Proposed Rule 1466.1 is being moved from September to TBD to allow staff to work on higher priority rule projects.

2022 MASTER CALENDAR

Month	Title and Description	Type of
June	Title and Description	Rulemaking
403.2	Fugitive Dust from Large Roadway Projects	Other
	Proposed Rule 403.2 will establish requirements to minimize PM	
	emissions and require additional public notification for large	
	roadway construction projects.	
	Eugene Kang 909.396.3524; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	Type of
August	Title and Description	Rulemaking
304	Equipment, Materials, and Ambient Air Analyses	Other
304.1	Analyses Fees	
304.2	Fees for Operations Supportive of Emissions Analyses	
	Proposed Amended Rules 304, 304.1, and Proposed Rule 304.2 will	
	recover costs incurred by South Coast AQMD from operators	
	responsible for large incidents requiring South Coast AQMD	
	response. Elaine Shen 909.396.2715; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
September		Type of
September	Title and Description	Rulemaking
218.2	Enhanced Requirements for Continuous Emission Monitoring System	Other
218.3	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. Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
429	Start-Up and Shutdown Exemption Provisions for Oxides of	Other
	Nitrogen	
	Proposed Amended Rule 429 will update startup and shutdown	
	provisions for a variety of combustion equipment regulated under	
	source-specific rules. Michael Morris 909-396-3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

^{*} 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 September	Title and Description	Type of Rulemaking
(Continued) 1178	Eurthon Reductions of VOC Emissions from Storage Tanks at	AB 617 CERP
11/8	Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities	Ab 01/ CERP
	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.	
	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1426.1	Hexavalent Chromium Emissions from Metal Finishing	Toxics
	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. Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
Ootobor		Type of
October	Title and Description	Rulemaking
2202*	On-Road Motor Vehicle Mitigation Options	Other
	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. Vicki White 909.396.3436; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
2306	New Intermodal Railyard Indirect Source Rule	AQMP/
	Proposed Rule 2306 will establish requirements for new intermodal	AB 617 CERP
	railyards to minimize emissions from indirect sources associated	
	with new railyards.	
D 1.4	Elaine Shen 909.396.2715; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	AOMD
Regulation	RECLAIM Draw and Amended Decayletics VV will address the transition of	AQMP
XX*#	Proposed Amended Regulation XX will address the transition of	
	RECLAIM facilities to a command-and-control regulatory structure. Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
November	Title and Description	Type of
		Rulemaking
1135	Emissions of Oxides of Nitrogen from Electricity Generating	AQMP/
	Facilities	AB 617
	Proposed Amended Rule 1135 will modify provisions for	BARCT
	electricity generating units at Santa Catalina Island to reflect a	
	revised BARCT assessment. Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
<u>L</u>	michaet Mottis 707.370.3202, CLYA. Michaet Krause 707.370.2/00; Socio: Etaine Snen 709.390.2/13	

^{*} 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		Type of
November	Title and Description	Rulemaking
(Continued)		g
1148.2	Notification and Reporting Requirements for Oil and Gas Wells	Other/
	and Chemical Suppliers	AB 617 CERP
	Proposed Amended Rule 1148.2 will evaluate the applicability of	
	well activities, improve notifications of well working activities, and	
	address other issues.	
1151	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715 Motor Vehicle and Mobile Equipment Non-Assembly Line	Other
1131	Coating Operations	Other
	Proposed Amended Rule 1151 will provide clarifications of current	
	requirements and amend provisions to address implementation	
	issues.	
	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706 Socio: Elaine Shen 909.396.2715	
1168	Adhesive and Sealant Applications	Other
	Proposed Amended Rule 1168 will address VOC limits for certain	
	applications. Other amendments may also be needed to improve the	
	clarity.	
1445*	Heather Farr 909.396.3672; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715 Control of Toxic Emissions from Laser Arc Cutting	Toxics
1443	Proposed Rule 1445 will establish requirements to reduce	TOXICS
	hexavalent chromium and other metal toxic air contaminant	
	particulate emissions from laser arc cutting.	
	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1460	Control of Particulate Emissions from Metal Recycling and	Other
	Shredding Operations	
	Proposed Rule 1460 will establish housekeeping and best	
	management practices to minimize fugitive particulate emissions	
	from metal cutting and shredding operations. Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
Regulation	New Source Review	AQMP
XIII*#	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.	
	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

^{*} 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
December		0
1146.2#	Emissions of Oxides of Nitrogen from Large Water Heaters and	AQMP/
	Small Boilers and Process Heaters	AB 617
	Proposed Amended Rule 1146.2 will update the NOx emission	BARCT
	limits to reflect BARCT. Other provisions may be added to facilitate	
	the deployment of zero-emission units regulated under the proposed	
	amended rule.	
1152 1	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	A OMD/
1153.1	Emissions of Oxides of Nitrogen from Commercial Food Ovens	AQMP/
	Proposed Amended Rule 1153.1 will establish NOx BARCT limits	AB 617
	and expand the applicability to RECLAIM and former RECLAIM	BARCT
	facilities. Heather Farr 909.396.3672; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1159.1	Control of NOx Emissions from Nitric Acid Tanks	AQMP/
	Proposed Rule 1159.1 will establish requirements to reduce NOx	AB 617
	emissions from nitric acid units that will apply to RECLAIM, former	BARCT
	RECLAIM, and non-RECLAIM facilities.	
1100.1	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1180.1	Fenceline and Community Monitoring	Other
	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.	
2304	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715 Marine Port Indirect Source Rule	AQMP/
2301	Proposed Rule 2304 will establish requirements to reduce emissions	AB617 CERP
	from indirect sources related to marine ports.	iboi, chi
	Elaine Shen 909 396. 2715; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

^{*} Potentially significant hearing

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

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

2022 To-Be-Determined

2022	Title and Description	Type of Rulemaking
102	Definition of Terms	Other
	Proposed amendments may be needed to update and add	
	definitions, and potentially modify exemptions. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
103	Definition of Geographical Areas	Other
	Proposed amendments are needed to update geographic areas to be	
	consistent with state and federal references to those geographic	
	areas.	
209	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715 Transfer and Voiding of Permits	Other
209	Proposed amendments may be needed to clarify requirements for	Other
	change of ownership and permits and the assessment of associated	
	fees.	
	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
219	Equipment Not Requiring a Written Permit Pursuant to	Other
	Regulation II	
	Proposed Amendments may be needed to address issues raised by	
	U.S. EPA for approval in the State Implementation Plan or to	
	identify sources that are currently exempt from permitting. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
222	Filing Requirements for Specific Emission Sources Not	Other
	Requiring a Written Permit Pursuant to Regulation II	
	Proposed Amendments may be needed to require certain equipment	
	that is currently not permitted to register the equipment to gather	
	information and emissions data.	
	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
223	Emission Reduction Permits for Large Confined Animal	AQMP
	Facilities	
	Proposed Amended Rule 223 will seek additional ammonia	
	emission reductions from large confined animal facilities by	
	lowering the applicability threshold. Proposed amendments will	
	implement BCM-04 in the 2016 AQMP. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
317	Clean Air Act Non-Attainment Fees	Other
	Proposed amendments may be needed to modify CAA Section 185	2
	fees for non-attainment.	
	Elaine Shen 909.396.2715; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

^{*} 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	Title and Description	Type of Rulemaking
403.1	Supplemental Fugitive Dust Control Requirements for	Other
	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. TBD; CEQA; Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
407#	Liquid and Gaseous Air Contaminants	AB 617
	Proposed Amended Rule 407 will update SOx emission limits to	BARCT
	reflect Best Available Retrofit Control Technology, if needed,	
	remove exemptions for RECLAIM facilities, and update	
	monitoring, reporting, and recordkeeping requirements. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
410	Odors from Transfer Stations and Material Recovery Facilities	Other
	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. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
425	Odors from Cannabis Processing	Other
	Proposed Rule 425 will establish requirements for control of odors	
	from cannabis processing. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
430	Breakdown Provisions	RECLAIM
	Amendments to Rule 430 will need to be amended to remove	Other
	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. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
431.1#	Sulfur Content of Gaseous Fuels	AB 617
	Proposed Amended Rule 431.1 will assess exemptions, including	BARCT/
	RECLAIM, and update other provisions, if needed. Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	AB 617 CERP
431.2#	Sulfur Content of Liquid Fuels	AB 617
	Proposed Amended Rule 431.2 will assess exemptions, including	BARCT/
	RECLAIM, and update other provisions, if needed.	AB 617 CERP
	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

^{*} 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	Title and Description	Type of Rulemaking
431.3#	Sulfur Content of Fossil Fuels	AB 617
	Proposed Amended Rule 431.3 will assess exemptions, including	BARCT/
	RECLAIM, and update other provisions, if needed. Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	AB 617 CERP
442.1	Usage of Solvent	Other
1107	Coating of Metal Parts and Products	
1124	Aerospace Assembly and Component Manufacturing	
	Operations	
1136	Wood Products Coatings	
1145	Plastic, Rubber, Leather, and Glass Coatings	
1171	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. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
444	Open Burning	Other
	Amendments may be needed to clarify existing provisions. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
445*	Wood Burning Devices	AQMP
	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. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
462	Organic Liquid Loading	Other
	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. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
463	Organic Liquid Storage	Other
	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.	
	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

^{*} 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

		Type of
2022	Title and Description	Rulemaking
468#	Sulfur Recovery Units	AB 617
	Proposed Amended Rule 468 will update SOx emission limits to	BARCT
	reflect Best Available Retrofit Control Technology, if needed,	
	remove exemptions for RECLAIM facilities, and update	
	monitoring, reporting, and recordkeeping requirements. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
469#	Sulfuric Acid Units	AB 617
	Proposed Amended Rule 469 will update SOx emission limits to	BARCT
	reflect Best Available Retrofit Control Technology, if needed,	
	remove exemptions for RECLAIM facilities, and update	
	monitoring, reporting, and recordkeeping requirements. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1100	Implementation Schedule for NOx Facilities	
	Proposed Amended Rule 1100 will establish the implementation	
	schedule for Rule 1147 equipment at NOx RECLAIM and former	
	NOx RECLAIM facilities.	
1101#	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715 Secondary Lead Smelters/Sulfur Oxides	AB 617
1101	Proposed Amended Rule 1101 will update SOx emission limits to	BARCT
	reflect Best Available Retrofit Control Technology, if needed,	Britter
	remove exemptions for RECLAIM facilities, and update	
	monitoring, reporting, and recordkeeping requirements. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1105#	Fluid Catalytic Cracking Units Sox	AB 617
	Proposed Amended Rule 1105 will update SOx emission limits to	BARCT/
	reflect Best Available Retrofit Control Technology, if needed,	AB 617 CERP
	remove exemptions for RECLAIM facilities, and update	
	monitoring, reporting, and recordkeeping requirements.	
1110.2*+#	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715 Emissions from Gaseous- and Liquid-Fueled Engines	AQMP/
1110.2	Proposed amendments will address use of emergency standby	AB 617
	engines at essential public services for Public Safety Power Shutoff	BARCT
	programs. Proposed amendments may also be needed to incorporate	Di IIC I
	possible comments by U.S. EPA for approval into the SIP and	
	address monitoring provisions for new engines.	
	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1111.1	Zero-Emission Residential Furnaces	AQMP
	Proposed Rule 1111.1 may include provisions to encourage zero	
	emission residential furnaces that goes beyond Rule 1111 for gas-	
	fired furnaces.	
	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

^{*} 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	Title and Description	Type of Rulemaking
1113	Architectural Coatings	Other
	Proposed amendments may be needed to address delisted	
	compounds and other amendments to improve clarity and to remove	
	obsolete provisions.	
1118*	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715 Control of Emissions from Refinery Flares	AQMP/
1110	Proposed Amended Rule 1118 will incorporate revisions to further	AB 617 CERP
	reduce flaring at refineries, provisions for clean service flares, and	AD 017 CERT
	facility thresholds. Other amendments to improve clarity and to	
	remove obsolete provisions.	
	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1119#	Petroleum Coke Calcining Operations – Oxides of Sulfur	AB 617
	Proposed Amended Rule 1119 will update SOx emission limits to	BARCT/
	reflect Best Available Retrofit Control Technology, if needed,	AB 617 CERP
	remove exemptions for RECLAIM facilities, and update	
	monitoring, reporting, and recordkeeping requirements.	
1121*	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715 Control of Nitrogen Oxides from Residential Type, Natural-	AQMP
1121	Gas-Fired Water Heaters	AQMI
	Proposed amendments may be needed to further reduce NOx	
	emissions from water heaters.	
	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1121.1	Zero Emission Residential Water Heaters	AQMP
	Proposed Rule 1121.1 may include provisions to encourage zero	
	emission water heaters that goes beyond Rule 1121 for gas-fired	
	water heaters.	
1133.3	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715 Emission Reductions from Greenwaste Composting Operations	AQMP
1133.3	Proposed Amended Rule 1133.3 will seek additional VOCs and	AQMI
	ammonia emission reductions from greenwaste and foodwaste	
	composting. Proposed amendments will implement BCM-10 in the	
	2016 AQMP.	
	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1138	Control of Emissions from Restaurant Operations	AQMP
	Proposed Amended Rule 1138 will further reduce emissions from	
	char boilers.	
	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

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

2022	Title and Description	Type of Rulemaking
1142	Marine Tank Vessel Operations	Other
	Proposed Amended Rule 1142 will address VOC and hydrogen	
	sulfide emissions from marine tank vessel operations, applicability,	
	noticing requirements, and provide clarifications. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1146	Emissions of Oxides of Nitrogen from Industrial, Institutional,	Other
	and Commercial Boilers, Steam Generators, and Process	
	Heaters	
	Proposed amendments to Rule 1146 may be needed to incorporate	
	comments from U.S. EPA.	
1146 1#	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	0.1
1146.1#	Emissions of Oxides of Nitrogen from Small Industrial,	Other
	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.	
	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1148.1*	Oil and Gas Production Wells	Other/
	Proposed Amendments to Rule 1148.1 may be needed to further	AB 617 CERP
	reduce emissions from operations, implement early leak detection,	
	odor minimization plans, and enhanced emissions and chemical	
	reporting from oil and drilling sites. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1165	Control of Emissions from Incinerators	AQMP
	Proposed Rule 1165 will establish emission standards, source	
	testing, and monitoring, recordkeeping, and reporting requirements	
	for incinerators.	
	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1166	Volatile Organic Compound Emissions from Decontamination of Soil	Other
	Proposed Amended Rule 1166 will update requirements,	
	specifically concerning notifications and usage of mitigation plans	
	(site specific versus various locations).	
	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

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

2022	Title and Description	Type of Rulemaking
1171	Solvent Cleaning Operations	Other
	Proposed Amendments to Rule 1171 may be needed to address	
	certain exempt chemicals and compliance issues.	
1173	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706 Socio: Elaine Shen 909.396.2715 Control of Volatile Organic Compound Leaks and Releases	Other/
1175	from Components at Petroleum Facilities and Chemical Plants	AB 617 CERP
	Proposed Amended Rule 1173 will further reduce emissions from	TID 017 CEIG
	petroleum and chemical plants by requiring early leak detection	
	approaches.	
	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1176	VOC Emissions from Wastewater Systems	Other/
	Proposed Amended Rule 1176 will clarify the applicability of the	AB 617 CERP
	rule to include bulk terminals under definition of "Industrial	
	Facilities," and streamline and clarify provisions. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1180	Refinery Fenceline and Community Air Monitoring	Other
	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.	
1.402*	Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	m ·
1403*	Asbestos Emissions from Demolition/Renovation Activities	Toxics
	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. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1404	Hexavalent Chromium Emissions from Cooling Towers	Toxics
	Amendments may be needed to provide additional clarifications	AQMP
	regarding use of process water that is associated with sources that	
	have the potential to contain chromium in cooling towers and	
	address VOC emissions.	
1.405	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	Towics
1405	Control of Ethylene Oxide and Chlorofluorocarbon Emissions	Toxics
	from Sterilization or Fumigation Processes A mandments may be needed to address athylane oxide emissions	
	Amendments may be needed to address ethylene oxide emissions from sterilization of medical equipment.	
	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

^{*} Potentially significant hearing

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

2022	Title and Description	Type of Rulemaking
1415	Reduction of Refrigerant Emissions from Stationary Air	Other
1415.1	Conditioning Systems, and Reduction of Refrigerant Emissions	
	from Stationary Refrigeration Systems	
	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. TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1420	Emissions Standard for Lead	Toxics
	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. Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1420.1	Emission Standards for Lead and Other Toxic Air	Toxics
1.20.1	Contaminants from Large Lead-Acid Battery Recycling	10/110
	Facilities 5	
	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.	
1420.2	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	Tavias
1420.2	Emission Standards for Lead from Metal Melting Facilities	Toxics
	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.	
	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1435*	Control of Emissions from Metal Heat Treating Processes	Toxics/
	Proposed Rule 1435 will establish requirements to reduce point	AB 617 CERP
	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. Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

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

2022	Title and Description	Type of Rulemaking
1450*	Control of Methylene Chloride Emissions	Toxics
	Proposed Rule 1450 will reduce methylene chloride emissions from	
	furniture stripping and establish monitoring, reporting, and	
	recordkeeping requirements.	
1.455	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715 Control of Hexavalent Chromium Emissions from Torch	Tavias
1455		Toxics
	Cutting and Welding	
	Proposed Rule 1455 will establish requirements to reduce	
	hexavalent chromium emissions from torch cutting and welding of	
	chromium alloys. Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1466.1	Control of Particulate Emissions from Demolition of Buildings	Toxics
	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.	
	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1469	Hexavalent Chromium Emissions from Chromium	Toxics
	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.	
1470	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715 Requirements for Stationary Diesel-Fueled Internal Combustion	Toxics
1470	and Other Compression Ignition Engines	TOXICS
	Proposed Amended Rule 1470 will include provisions to further	
	reduce diesel particulate emissions from stationary diesel-fueled	
	internal combustion engines.	
	TBD; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
1472	Requirements for Facilities with Multiple Stationary Emergency	Toxics
	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	
	Compliance Plans.	
	Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	

^{*} Potentially significant hearing

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

2022	Title and Description	Type of
2022	The and Description	Rulemaking
2306.1	Existing Intermodal Railyard Indirect Source Rule	AQMP/
	Proposed Rule 2306.1 will establish requirements for existing	AB 617 CERP
	intermodal railyards to minimize emissions from indirect sources	
	associated with these facilities. Elaine Shen 909.396.2715; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	
Regulation	Facility-Based Mobile Sources	AQMP/
$XXIII^{*_{+}}$	Proposed rules within Regulation XXIII would reduce emissions	Toxics/
	from indirect sources (e.g., mobile sources that visit facilities). Elaine Shen 909.396.2715; CEQA: Michael Krause 909.396.2706; Socio: Elaine Shen 909.396.2715	AB 617 CERP
Regulation II,	Various rule amendments may be needed to meet the requirements	Other/ AQMP/
III, IV, XIV,	of state and federal laws, implement OEHHA's 2015 revised risk	Toxics/
XI, XIX, XXIII,	assessment guidance, changes from OEHHA to new or revised toxic	AB 617
XXIV, XXX	air contaminants or their risk values, address variance issues,	BARCT/
and XXXV	emission limits, technology-forcing emission limits, conflicts with	AB 617 CERP
	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.	

^{*} Potentially significant hearing

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



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 20

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, April 8, 2022, Reviewed

RECOMMENDED ACTION:

Receive and file.

Wayne Nastri Executive Officer

RMM:MAH:XC:dc

Background

Information Management (IM) provides a wide range of information systems and services in support of all South Coast AQMD operations. IM's primary goal is to provide automated tools and systems to implement Board-approved rules and regulations, and to improve internal efficiencies. The annual Budget and Board-approved amendments to the Budget specify projects planned during the fiscal year to develop, acquire, enhance, or maintain mission-critical information systems.

In light of COVID-19 and the related budget impact, we are evaluating all of our projects and delaying non-critical projects as long as possible.

Summary of Report

The attached report identifies the major projects/contracts or purchases that are ongoing or expected to be initiated within the next six months. Information provided for each project includes a brief project description and the schedule associated with known major milestones (issue RFP/RFQ, execute contract, etc.).

Attachment

Information Management Status Report on Major Ongoing and Upcoming Projects During the Next Six Months

ATTACHMENT

May 6, 2022 Board Meeting

Status Report on Major Ongoing and Upcoming Projects for Information Management

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Phone System Upgrade	Upgrade components of the agency Cisco Unified Communications System that are past end of support	\$175,000	 RFQ released September 3, 2021 Awarded January 7, 2022 	• Complete upgrade May 31, 2022
AQ-SPEC Cloud Platform Phase 2	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	 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 Work Plan development for Phase 2 completed 	Approval of dashboard designs
PeopleSoft Electronic Requisition	This will allow submittal of requisitions online, tracking multiple levels of approval, electronic archival, preencumbrance of budget, and streamlined workflow	\$75,800	 Project Charter released Task Order issued, evaluated, and awarded Requirements gathering and system design completed System setup and code development, and User Acceptance 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 	 Deploy to IM and AHR divisions Training and Integrated User Testing for other divisions

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
South Coast AQMD Mobile Application Enhancements	Enhancement of Mobile Application to incorporate FIND	\$90,000	 Vision and Scope completed Task Order issued Project initiation completed System design completed System development completed 	• User Acceptance Testing and deployment to production
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	 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 production of the top three most frequently used Rule 222 forms: Negative Air Machines, Small Boilers and Charbroilers Completed requirements gathering for Phase 2 of the project (an additional 10 400-E-XX forms) Development of Phase 2 additional 12 400-E-XX forms completed Deployment to stage of all 400-E-XX and Rule 222 forms for User Acceptance Testing completed User Acceptance Testing and deployment to production of Emergency IC Engines Form completed Deployed to production 3 additional Rule 222 forms (Tar Pots, Cooling Towers, and Power Washers) 	 Requirements gathering for Phase 3 of the project (final twelve) 400-E-XX forms) Complete User Acceptance Testing and deployment to production of first ten 400-E-XX forms Complete User Acceptance Testing and deployment to production of next set of Rule 222 forms

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Lower- Emission School Bus Program	Development of an Online Grant Management System (GMS) Portal for the Lower-Emission School Bus Incentive Program	\$110,500	 Draft Charter Document issued Project initiation completed Task Order issued Phase 1 deployed to production – applicant/third party registration and application submission Customized GMS look and feel Phase 2 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 	Development of Contracting Module
VW Environmental Mitigation Action Plan Project	CARB has assigned South Coast AQMD to develop web applications for: Zero-Emission Class 8 Freight and Port Drayage Truck Project and Combustion Freight and Marine Project. South Coast AQMD is also responsible for maintaining a database that will be queried for reporting.	\$355,000	 Draft Charter Document issued Project initiation completed Task Order issued Deployed Phase 1 to production completed Phase 2 to production – messaging, evaluation, and administration completed Phase 3 - ZE Class 8 Application deployed to production Deployed Phase 3 – Ranking Deployed Combustion Freight On Road Form changes Phase 3 – ZE Class 8 Application Solicitation completed 2nd Combustion Freight On Road Solicitation completed User Acceptance Testing for Phase 3 – Contracting completed 	• User Acceptance Testing for Phase 3 – Inspection
Replace Your Ride (RYR)/One Stop Shop Integration	Development of integration access points for RYR and third-party applications	\$115,026	 Draft Charter Document issued Project initiation completed Task Order issued Phase 1 Sprint 1 – Security Portal Enhancement completed Phase 2 Sprint 2 - RYR service endpoints completed Phase 3 Sprint 4 – Cloud based service endpoints completed 	• Phase 3 Sprint 5 – end to end testing

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Carl Moyer Program GMS	Development of simplified and streamlined Online Grant Management System (GMS) Portal for Carl Moyer Program	\$116,275	 Draft Charter Document issued Project initiation completed Task Order issued Development of Phase 1 completed User Acceptance Testing of Phase 1 completed Phase 1 completed and approved by stakeholder Phase 2 approved by IT Steering Committee (ITSC) 	• Phase 2 – kickoff and gathering requirements
Source Test Tracking System (STTS)	Online STSS 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	 Project Charter approved Project initiation completed Task Order issued Project kickoff completed User requirements gathering for internal users completed Developed full business process model Developed screens mock-ups Reviewed proposed automation with EQUATE Working 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 	 Complete User Acceptance testing of STTS Portal in stage environment Deploy STTS Portal to production Complete testing of STTS Portal with regulated community volunteers

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Warehouse Indirect Source Rule Online Reporting Portal	Development of online reporting portal for Rule 2305 –Warehouse Indirect Source	\$250,000	 Draft Charter Document issued Project initiation completed Task Order issued Deployed Phase 1.1 – Warehouse Operations Notification Submittal Deployed Phase 1.2 – Warehouse Operations Notification Evaluation Phase 2 Project initiation and planning completed Phase 2 software requirements completed Phase 2 architecture and design completed Deployed Phase 2.1 – Annual WAIRE Report (AWR) completed 	• Phase 2.2 Development - Initial Site Information Report (ISIR)
AB 2766 – Motor Vehicle Subvention Program	Development of a web application reporting portal for AB 2766 Program	\$81,655	 Draft Charter Document issued Project initiation completed Task Order issued Project planning phase for forms completed Development of forms (1-9 & D1) is completed System development- AQMD workflow completed Stakeholder testing of forms and workflow for government entities completed Deployed to production 	Post Production Support
Renewal of OnBase Software Support	Authorize the sole source purchase of OnBase software subscription and support for one year	\$150,000		• Request Board approval May 6, 2021

Projects that have been completed within the last 12 months are shown below.			
Completed Projects			
Project	Date Completed		
HP Server Maintenance & Support	April 30, 2022		
AB 2766 Motor Vehicle Subvention Program Report Portal	March 2, 2022		
Telecommunications Services	February 28, 2022		
Warehouse Operations Notification Online Submittal Portal Phase 2.1 Annual WAIRE Report (AWR)	February 25, 2022		
Prequalified Vendors to Provide Computer, Network, Printer, Hardware and Software, and Audio Visual Equipment	February 4, 2022		
Three Additional Rule 222 Forms for Online Application Filing	February 1, 2022		
Cybersecurity Assessment	January 31, 2022		
Office 365 License Renewal	January 31, 2022		
PeopleSoft Finance and Human Capital Management updates for tax year 2021	January 10, 2022		
Implementation of Labor Agreement	January 10, 2022		
Annual Emissions Reporting System 2022 Revisions	December 17, 2021		
Warehouse Operations Notification Evaluation Module	December 12, 2021		
CLASS Database Software Licensing	November 30, 2021		
AQ-Spec/AB617 Data Management System	November 16, 2021		
Rule 1180 Notification System	October 6, 2021		
Permit Administration and Application Tracking System (PAATS) and Permit Processing System (PPS) 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		



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 21

REPORT: Administrative Committee

SYNOPSIS: The Administrative Committee held a meeting remotely on Friday,

April 8, 2022. The following is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file.

Ben J. Benoit, Chair Administrative Committee

SN:cb

Committee Members

Present: Chair Ben Benoit, Committee Chair

Senator (Ret.) Vanessa Delgado, Vice Chair

Mayor 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 none 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 May 6, 2022 Governing Board Agenda:** There were no changes to report.

5. **Approval of Compensation for Board Member Assistant(s)/Consultant(s):** There were four proposals submitted: Contract modification for Ross Zelen and new contract for Destiny Rodriguez for Board Member Gideon Kracov; and new contracts for Josh Nuni and Jackson Guze for Councilmember Nithya Raman.

Moved by Cacciotti; seconded by Rutherford, unanimously approved.

Ayes: Benoit, Delgado, Cacciotti, Kracov, Rutherford

Noes: None

6. Update on South Coast AQMD Inclusion, Diversity and Equity Efforts: Dr. Anissa Heard-Johnson, Diversity, Equity & Inclusion Officer, provided an update on agency efforts.

Dr. Heard-Johnson discussed a fabulous female for Fabulous Female Friday and provided updates on upcoming DEI events, which included holiday commemorations and remembrances, think tanks, and the development of case studies that Employee Resource Groups are developing.

7. **Budget and Economic Outlook Update:** Susan Nakamura, Chief Operating Officer, indicated that similar trends continue and we expect revenues and expenditures to be on target. Permit activity is increasing. The vacancy rate has been affected by March retirements, but we continue to work on it.

Board Member Kracov and Chair Benoit recommended that this report can be made as needed.

8. Engineering and Permitting Staffing: Jason Aspell, Deputy Executive Officer, Engineering and Permitting, provided an update on staffing. He reported on permitting timelines and working with Southern California Alliance of Publicly Owned Treatment Works (SCAP) members to streamline processes. Mr. Aspell reported that there would be an additional supervisor position for the team that handles public facilities. He explained that there was a significant turnover due to retirements in 2018, but now 10-15 engineers are hired every year, except in 2020 because of COVID hiring freeze. We have ongoing engineer recruitment, promotional efforts, exploring temporary assignments of recent retirees to come back, and resource sharing across teams and divisions.

Stephen Jepsen, Executive Director, SCAP, provided public comment regarding support to reduce the permit backlog, specifically on wastewater and waste management. He commented on certain specific details required in the permit application that complicate the process. He requested that South Coast AQMD retain consultants temporarily to address the permit backlog.

David Rothbart, Los Angeles County Sanitation Districts and Air Quality Committee Chair for SCAP, provided public comment regarding permit revision, alleviating the backlog by providing staff and recommended consultants be temporarily retained as a solution

Supervisor Rutherford suggested outsourcing and contract engineers.

Wayne Nastri, Executive Officer, indicated we have considered that option, but the greatest speed and effectiveness is trying to get retirees to come back on a contract basis that know our systems.

Chair Benoit confirmed that it is a priority we are working on.

- 9. Adopt Executive Officer's FY 2022-23 Proposed Goals and Priority Objectives, and Proposed Budget; Determine that Proposed Amendments to Regulation III Fees and Rule 1480 Ambient Monitoring and Sampling of Metal Toxic Air Contaminants are Exempt from CEQA; Amend Regulation III Fees and Rule 1480 Ambient Monitoring and Sampling of Metal Toxic Air Contaminants: Presentation on this item was waived and moved to be heard at the Special Governing Board meeting Budget Workshop.
- 10. **Status Report on Major Ongoing and Upcoming Projects for Information Management:** Ron Moskowitz, Chief Information Officer, Information Management, reported that we replaced our communication link between headquarters and Long Beach offices and also modernized our Sacramento office. We deployed portals for Cesar Chavez and CAPES for registration.

ACTION ITEMS:

11. **Authorize Purchase of OnBase Software Support:** Mr. Moskowitz reported that this action is a standard request every year for OnBase software subscription and support for one year from Hyland Software and funding is available in the budget.

Moved by Cacciotti; seconded by Benoit, unanimously approved.

Ayes: Benoit, Delgado, Cacciotti, Kracov, Rutherford

Noes: None

12. Approve Compensation Adjustments for Board Member Assistants and Board Member Consultants for FY 2022-23: Sujata Jain, Chief Financial Officer, Finance, reported that this action is a routine item for next fiscal year, 2022-2023, compensation for Board Member assistants and consultants.

Moved by Kracov; seconded by Cacciotti, unanimously approved.

Ayes: Benoit, Delgado, Cacciotti, Kracov, Rutherford

Noes: None

13. **Amend Section 30.4 of the South Coast AQMD's Administrative Code:** Mr. Nastri reported that this action is to amend section 30.4 of the Administrative Code which indicates the duties and responsibilities of the Board. Mr. Natstri explained this amendment adds language that specifies that Chair can only serve two consecutive terms and that the Chair requested this amendment.

Mayor Cacciotti inquired about background of this coming up. Chair Benoit responded that agencies move better when there is movement and involvement and that all other Boards regularly rotate, and it helps to keep things fresh.

Mr. Nastri noted that many years ago the Governing Board used to have this limit in place as such where the Chair could only serve two consecutive years.

Board Member Kracov and Vice Chair Delgado support and appreciation for this amendment.

Moved by Rutherford; seconded by Cacciotti, unanimously approved.

Ayes: Benoit, Delgado, Cacciotti, Kracov, Rutherford

Noes: None

14. Consider Dissolution of the Health Effects of Air Pollution Foundation (HEAPF) as Research Projects are Completed and Funds are Depleted, Return of Remaining Funds to Health Effects Research Fund Upon Dissolution: Sarah Rees, Deputy Executive Officer, Planning, Rule Development & Area Sources, reported that this action is looking at the dissolution of the Health Effects of Air Pollution Foundation (HEAPF). She indicated that this is a foundation we have been using to fund air quality studies, looking at the impact of ambient air quality and various health effects. Dr. Rees explained that there are three active contracts pending that are expected to conclude by September 2023. We are seeking dissolution because the amounts of funding we have been able to provide are very small compared to the type of work that these studies require since they are usually multi-year studies. We

would like to direct funds that we use for these studies for other measures such as our web projects and CAPES and be able to do further outreach on air pollution issues.

Chair Benoit supported this action and agreed this foundation has run its course.

Mayor Cacciotti expressed concern requested it come back to the Board when the studies are complete. Mr. Nastri confirmed we would have a presentation on the research to the Board.

Mr. Harvey Eder, Public Solar Power Coalition, provided public comment on the dissolution and expressed the importance of looking into brain cancer and premature deaths affected by air pollution.

Moved by Kracov; seconded by Benoit, unanimously approved.

Ayes: Benoit, Delgado, Cacciotti, Kracov, Rutherford

Noes: None

Board Member Kracov requested that Items 15 and 16 be heard in reverse order. Item 16 was heard before Item 15.

16. Appoint Members to South Coast AQMD Hearing Board: Faye Thomas, Clerk of the Boards, reported that this action is to conduct interviews to appoint two public members and one medical member and their alternates for new, three-year terms that begin on July 1, 2022 through June 30, 2025. There were nine qualified applicants for the public member positions and two for the medical member. The Advisory Committee scored and ranked the candidates for public members and recommended that the top five scoring candidates be forwarded to this Administrative Committee for interviews. The Advisory Committee reviewed the qualifications of both medical member candidates and deemed both qualified for interviews with the Administrative Committee.

The Committee first interviewed the two medical members in alphabetical order: Dr. Alan Bernstein and Dr. Wayne Chen.

The Committee then interviewed five public members in alphabetical order: Micah Ali, Robert Copeland, Steven Samaniego, Catherine Showalter and Cynthia Verdugo-Peralta.

The Committee considered their respective professional backgrounds and experience.

After interviewing the candidates and discussion among Committee members, Board Member Kracov moved to reappoint Cynthia Verdugo-Peralta, and appoint Micah Ali as Public Members; reappoint Dr. Alan Bernstein as Medical Member and appoint Dr. Wayne Chen as Alternate Medical Member; and reappoint Robert Copeland and appoint Steven Samaniego as an Alternate Public Members; seconded by Cacciotti, unanimously approved.

Ayes: Benoit, Delgado, Cacciotti, Kracov, Rutherford

Noes: None

15. Appropriate Funds and Amend Contract with Strumwasser & Woocher, LLP to Provide Representation and Advice to South Coast AQMD Hearing Board: Ms. Nakamura reported that this action is to increase an existing contract for legal assistance for the Hearing Board for an additional \$35,000.

Moved by Benoit; seconded by Cacciotti, unanimously approved.

Ayes: Benoit, Delgado, Cacciotti, Kracov, Rutherford

Noes: None

WRITTEN REPORT:

17. Local Government & Small Business Assistance Advisory Group Minutes for the February 11, 2022 Meeting: The report was acknowledged and received.

OTHER MATTERS:

- 18. **Other Business:** None to report.
- 19. **Public Comment:** Mr. Eder provided public comment on scope plan.
- 20. **Next Meeting Date:** The next regular Administrative Committee meeting is scheduled for May 13, 2022 at 10:00 a.m.

Adjournment

The meeting adjourned at 12:10 p.m.

Attachments

Local Government & Small Business Assistance Advisory Group Minutes for February 11, 2022



LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP FRIDAY, FEBRUARY 11, 2022 MEETING MINUTES

MEMBERS PRESENT:

Council Member Rachelle Arizmendi, City of Sierra Madre Paul Avila, P.B.A. & Associates Todd Campbell, Clean Energy John DeWitt, JE DeWitt, Inc. Bill LaMarr, California Small Business Alliance Rita Loof, RadTech International David Rothbart, Los Angeles County Sanitation Districts

MEMBERS ABSENT:

Mayor Carlos Rodriguez, LGSBA Chairman (Board Member) Supervisor Janice Rutherford (Board Member) Felipe Aguirre Geoffrey Blake, Metal Finishers of Southern California LaVaughn Daniel, DancoEN Eddie Marquez, Roofing Contractors Association

OTHERS PRESENT:

Mark Abramowitz

Jason Henderson, California Council for Environmental and Economic Balance

SOUTH COAST AQMD STAFF:

Jill Whynot, Chief Operating Officer
Derrick Alatorre, Deputy Executive Officer
Aaron Katzenstein, Assistant Deputy Executive Officer
Lisa Tanaka O'Malley, Assistant Deputy Executive Officer
Kathryn Higgins, Director of Community Air Programs
Daphne Hsu, Principal Deputy District Counsel
Walter Shen, Planning and Rules Manager
Ricardo Rivera, Public Affairs Manager
Nicole Silva, Program Supervisor
Ryan Stromar, Senior Public Affairs Specialist
Daniel Wong, Senior Public Affairs Specialist
Van Doan, Air Quality Specialist
Elaine Hills, Air Quality Specialist
Anthony Tang, Information Technology Supervisor
Paul Wright, Senior Information Technology Specialist

Agenda Item #1 - Call to Order/Opening Remarks

Mr. Derrick Alatorre called the meeting to order at 11:30 a.m.

Agenda Item #2 – Approval of January 14, 2022 Meeting Minutes

Mr. Alatorre called for approval of the January 14, 2022 meeting minutes.

Motion to approve minutes made by Ms. Rita Loof with a minor edit; seconded by Mr. Todd Campbell; unanimously approved.

Ayes: Arizmendi, Avila, Campbell, DeWitt, LaMarr, Loof, Rothbart

Noes: None Abstain: None

Absent: Aguirre, Blake, Daniel, Marquez, Rodriguez, Rutherford

No public comment.

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

No follow-up/action items.

Agenda Item #4 – Update on Assembly Bill (AB) 617 for 2021

Mr. Ryan Stromar provided an update on the AB617 program for 2021.

Ms. Loof asked about public comment period for the Community Emissions Reduction Plan (CERP) in the Los Angeles area and Mr. Stromar responded there will be for the South Los Angeles area. Ms. Kathryn Higgins further indicated the draft CERP will be taken to Stationary Source Committee and Governing Board, which will provide opportunities for public comment in May 2022.

Mr. John DeWitt inquired if there is a current list of participants in the committees. Mr. Stromar indicated there is an updated roster with names and affiliation on each of the AB617 community webpages.

Mr. David Rothbart asked if the Community Steering Committees understand attainment limitations and authority of South Coast Air Quality Management District (South Coast AQMD). Mr. Stromar responded that before CSC members are selected, public outreach is conducted to educate the communities of South Coast AQMD's jurisdiction, responsibilities, and limitations. Mr. Alatorre informed Mr. Rothbart that there are many programs that can be selected and implemented, which can include emissions reduction or mitigation programs.

No public comment.

Agenda Item #5 – Update on South Coast AQMD Mobile Source Incentive Programs

Mr. Walter Shen presented an overview and highlights on South Coast AQMD mobile source incentive programs.

Mr. Paul Avila asked about the old engines being replaced, the balance of Federal money going into these incentive programs, and chances of funds being expended. Mr. Shen indicated inspectors are required to document both destruction of the original equipment and new replacement equipment prior to the issuance of reimbursements or funding. As for funding, the Governing Board approves a contract

to fund a program, and the funds approved are encumbered; therefore, the funds for the program will exist until the contracts are completed.

Mr. Rothbart inquired about cost-effectiveness of electrification versus near-zero options and air quality benefits. Mr. Shen responded the cost-effectiveness have thresholds as established by the Carl Moyer guidelines, which is based on public feedback. The cost-effectiveness threshold of \$30,000 per weighted ton of total reduced emissions is for getting equipment to current standards, while the \$100,000 per weighted ton of reduced emissions is for zero-emission projects. Currently, the California Air Resources Board (CARB) is working to increase the cost-effectiveness for zero-emission and electrification. However, a determination of the cost-effectiveness has not been made. Currently, the best "bang for your buck" is with marine and agricultural projects, and diesel-fueled equipment.

Ms. Loof inquired about the Community Air Protection Program (CAPP) and requested examples of other projects awarded funds. Ms. Nicole Silva indicated staff work with communities to establish stationary source projects and obtain approval from CARB to utilize funds under the Community Air Protection Incentives. Ms. Silva further stated staff is following a participatory budgeting process in distributing funds allocated for AB617 communities, and working with these communities to identify and prioritize projects to use those funds.

Mr. Campbell commented that once the warehouse indirect source rule is implemented, it may potentially provide additional incentive funding for mobile sources. Mr. Campbell asked if staff has information regarding this potential funding. Mr. Shen did not have any information would follow up with Mr. Campbell.

Mr. Bill LaMarr asked if there are contracted scrap dealers that destroy the old engines and where the money goes. Mr. Shen indicated his questions are outside the scope of incentive guidelines; however, staff ensures destruction of the old engines to meet State Implementation Plan guidelines to make sure emission reductions are permanent. Mr. LaMarr requested this item be placed on a future agenda and possibly have CARB attend to provide information. Mr. Alatorre recommended that staff conducts initial research prior to placing this item on an agenda.

Action Item #1: Inform Mr. LaMarr whether a presentation on old engine destruction will be placed on a future agenda.

No public comment.

Agenda Item #6 – Other Business

Mr. Rothbart inquired about reinstating Home Rule Advisory Group (HRAG), which Mr. Alatorre will discuss with Mr. Wayne Nastri and Governing Board Chair Ben Benoit.

Action Item #2: Provide an update on potential reinstatement of HRAG.

Agenda Item #7 - Public Comment

No public comment.

Agenda Item #8 – Next Meeting Date

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

Adjournment
The meeting adjourned at 12:28 p.m.



BOARD MEETING DATE: May 6, 2022

AGENDA NO. 22

REPORT: Legislative Committee

SYNOPSIS: The Legislative Committee held a meeting remotely on Friday,

April 8, 2022. The following is a summary of the meeting.

Agenda Item	Recommendation/Action
SB 1235 (Borgeas) – All pollution: portable equipment:	Oppose
emergency events	Oppose

RECOMMENDED ACTION:

Receive and file this report and approve agenda items as specified in this letter.

Michael A. Cacciotti, Chair Legislative Committee

DJA:LTO:PFC:DPG:ar

Committee Members

Present: Mayor Pro Tem Michael A. Cacciotti, Chair

Board Member Veronica Padilla-Campos

Council Member Nithya Raman Senator Vanessa Delgado (Ret.) Supervisor V. Manuel Perez

Absent: Supervisor Janice Rutherford

Call to Order: Chair Michael Cacciotti called the meeting to order at 9:00 a.m.

ACTION/DISCUSSION ITEMS:

1. Recommend Position on State Bill:

Philip Crabbe, Senior Public Affairs Manager/Legislative, Public Affairs & Media, presented SB 1235 (Borgeas) Air pollution: portable equipment: emergency events. This bill would:

- Codify CARB's regulation authorizing portable equipment to be operated during an emergency event; and
- Authorize portable equipment to be operated during a public safety power shutoff (PSPS) event.

This bill would create a new blanket exemption resulting in a potential increase of harmful emissions from diesel portable equipment that impact communities throughout the South Coast AQMD region and state.

Supervisor Manuel Perez inquired about the bill author and additional background on the bill. Staff provided background about the author and South Coast AQMD rulemaking to address the use of engines during PSPS events. For additional information, please refer to the Webcast beginning at 7:30.

Staff recommended an "OPPOSE" position on this bill.

Moved by Perez; seconded by Raman; unanimously approved Ayes: Cacciotti, Delgado, Padilla-Campos, Perez, Raman

Noes: None Abstain: None Absent: Rutherford

There was no public comment.

2. Update on South Coast AQMD Sponsored and High-Priority State Legislation Derrick Alatorre, Deputy Executive Officer/Legislative, Public Affairs & Media, informed the committee that staff is proposing to move the May Legislative Committee meeting to Thursday, May 12 to accommodate the Governing Board Retreat.

Mr. Alatorre provided an update on AB 1749 (C. Garcia) Community Air Protection Blueprint: community emissions reduction programs: toxic air contaminants and criteria air pollutants.

Assembly Member Cristina Garcia agreed to include bill language on behalf of South Coast AQMD to increase the time allowed for the development of a Community Emissions Reduction Plan (CERP) from 1 year to 2 years, after an AB 617 community is selected and with agreement from the Community Steering Committee. The author also agreed to delete language in the bill that severely restricted permitting statewide.

Additionally, the bill would require:

- CARB's updates to the AB 617 statewide blueprint plan to include emission reduction measures:
- Air districts' annual updates to show how CERPs are consistent with the statewide plan; and
- Permits for stationary sources of pollution to be posted on the respective air agencies' website.

Another South Coast AQMD sponsored bill is AB 2141 (E. Garcia) Greenhouse Gas Reduction Fund: community projects: funding. The bill would provide sustainable AB 617 implementation and incentive funding for air districts from the Greenhouse Gas Reduction Fund. Staff is working with the author to amend the bill to provide up to 20 percent or \$600 million in cap-and-trade auction proceeds for AB 617 funding.

Mr. Alatorre provided an update on South Coast AQMD sponsored bill, AB 2836 (E. Garcia) Carl Moyer Memorial Air Quality Standards Attainment Program: vehicle registration fees: California tire fee. The bill would reauthorize the Carl Moyer and AB 923 Programs.

Supervisor Perez asked if there are additional amendments to AB 1749 (C. Garcia). Wayne Nastri, Executive Officer, responded that an amendment is being explored that would involve participation by state agencies when identified in a CERP.

Board Member Padilla-Campos inquired about the permitting provision removed from AB 1749. Mr. Alatorre provided an explanation of that provision.

Senator Delgado requested an update on South Coast AQMD efforts to pursue state legislation to address violations by rendering plants. Staff provided information on AB 2910 (Santiago) related to increasing civil penalties for air quality violations.

For additional information, please refer to the Webcast beginning at 15:35.

There was no public comment.

3. Update and Discussion on Federal Legislative Issues

South Coast AQMD's legislative consultants (Carmen Group, Cassidy & Associates, and Kadesh & Associates) provided written reports on federal issues.

Gary Hoistma of Carmen Group reported that the U.S. EPA published the ultra-low NOx rule in the Federal Register on March 28. Comments are due by May 13 and a final rule will be issued by the end of the year.

Council Member Raman inquired about South Coast AQMD's position on the proposed rule for heavy-duty trucks.

Mr. Nastri responded that the South Coast AQMD submitted a petition six years ago providing significant information that a NOx standard of the 0.02 g/bhp-hr is possible. For additional information, please refer to the Webcast beginning at 25:08.

Jed Dearborn of Cassidy & Associates reported that President's budget was released outlining a budget of \$11.9 billion for U.S. EPA. Of that amount, the air quality spending is outlined as follows:

- \$322 million for Section 103 and 105 of the Clean Air Act;
- \$150 million for the Diesel Emissions Reduction Act; and,
- \$59 million for the Targeted Airshed Grant program.

Mark Kadesh of Kadesh & Associates reported that the Fiscal Year 2023 Appropriations process is underway. South Coast AQMD is engaged with our Congressional Delegation to support air quality programs.

Harvey Eder provided public comment regarding AB 617.

4. Update and Discussion on State Legislative Issues

South Coast AQMD's state legislative consultants (Resolute, California Advisors, LLC, and Joe A. Gonsalves & Son) provided written reports on issues in Sacramento.

Alfredo Arredondo of Resolute reported on AB 2852 (Bloom), a bill sponsored by South Coast AQMD, that would designate air districts as independent special districts for purposes of funding eligibility. The bill will be heard in the Assembly Local Government Committee in April.

Ross Buckley of California Advisors, LLC reported that Attorney General Rob Bonta and CARB announced that they are leading a multistate coalition effort urging U.S. EPA to adopt a more protective standard for particulate matter emissions from airplanes. The announcement is a follow-up to pending litigation against U.S. EPA over standards regulating greenhouse gas emissions from airplanes.

Paul Gonsalves of Joe A. Gonsalves & Son provided a brief overview of Governor Gavin Newsom's recently updated Climate Adaption Strategy.

There was no public comment.

OTHER MATTERS:

5. Other Business

There was no other business to report.

6. Public Comment Period

Mr. Eder commented on the passing of his friend, Professor Todd Gitlin.

7. Next Meeting Date

The next regular Legislative Committee meeting is scheduled for Thursday, May 12, 2022 at 10:00 a.m.

Adjournment

The meeting adjourned at 9:46 a.m.

Attachments

- 1. Attendance Record
- 2. Recommend Position on State Bill
- 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 ATTENDANCE RECORD – April 8, 2022

Amy Wong. Ross Zelen. Board Consultant (Kracov) Alfredo Arredondo Resolute Ross Buckley. California Advisors, LLC John Dearborn. Cassidy & Associates Paul Gonsalves & Son Gary Hoitsma. Carmen Group, Inc. Mark Kadesh. Kadesh & Associates Mark Abramowitz. Public Jackson Guze. Public Jackson Guze. Public Zach Leary. Public Frick Martell. David Rothbart. Public David Rothbart. Public Patry Senecal. Public Hoan Thai. Public Peter Whittingham. Peter Whittingham. Public Derrick Alatorre. South Coast AQMD Staff Barbara Baird. South Coast AQMD Staff Maria Castro. South Coast AQMD Staff Maria Castro. South Coast AQMD Staff South Coast AQMD Staff Maria Castro. South Coast AQMD Staff Mark Henninger. South Coast AQMD Staff Mary Higgins. South Coast AQMD Staff Mark Henninger. South Coast AQMD Staff Mark Henninger. South Coast AQMD Staff Mark Mary Higgins. South Coast AQMD Staff Mark Mary Higgins. South Coast AQMD Staff Mark Mary Higgins. South Coast AQMD Staff Mary Harninger. South Coast AQMD Staff Mary Harninger. South Coast AQMD Staff Mark Mary Higgins. South Coast AQMD Staff Mark Mary Higgins. South Coast AQMD Staff Mark Mary Higgins. South Coast AQMD Staff Mark Harninger. South Coast AQMD Staff Mark Harninger. South Coast AQMD Staff Mark Harninger. South	Mayor Michael Cacciotti Senator Vanessa Delgado Board Member Veronica Padilla-Campos Supervisor V. Manuel Perez Council member Nithya Raman Debra Mendelsohn	. South Coast AQMD Board Member . South Coast AQMD Board Member . South Coast AQMD Board Member . South Coast AQMD Board Member
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Wayne Nastri	South Coast AQMD Staff
Denise Peralta Gailey	South Coast AQMD Staff
Sarah Rees	South Coast AQMD Staff
Mary Reichart	South Coast AQMD Staff
Aisha Reyes	South Coast AQMD Staff
Denny Shaw	South Coast AQMD Staff
Danielle Soto.	
Lisa Tanaka O'Malley	South Coast AQMD Staff
Anthony Tang	South Coast AQMD Staff
Victor Yip	South Coast AQMD Staff

ATTACHMENT 2A

South Coast Air Quality Management District Legislative Analysis Summary – SB 1235 (Borgeas)

Version: As Introduced 2/17/22

Analyst: PC

SB 1235 (Borgeas)

Air pollution: portable equipment: emergency events.

Summary: This bill would codify CARB's regulation authorizing portable equipment to be operated during an emergency event and would also authorize portable equipment to be operated during a public safety power shut-off (PSPS) event.

Background: Existing law authorizes air districts to establish a permit system requiring that any person who builds, erects, alters, replaces, operates, or uses any article, machine, equipment, or other contrivance that may cause the issuance of air contaminants obtain a permit to ensure compliance with applicable air quality standards. Existing law requires CARB to establish, by regulation, an optional registration program for portable equipment that is, or may be, used in more than a single air district. Pursuant to this directive, CARB established the Portable Equipment Registration Program, which allows portable engines and equipment units to operate throughout the state without authorization or permits from air districts. CARB's regulations allow for the temporary operation of otherwise unregistered or unpermitted portable engines during an emergency event if certain conditions are met. CARB's regulations define "emergency event" as any situation arising from a sudden and reasonably unforeseen natural disaster such as earthquake, flood, fire, or other unforeseen events beyond the control of the portable engine or equipment unit operator, its officers, employees, and contractors that threatens public health and safety and that requires the immediate temporary operation of portable engines or equipment units to help alleviate the threat to public health and safety.

Status: 3/17/22 - March 28 hearing in Senate Environmental Quality postponed by committee.

Specific Provisions: Specifically, this bill would:

- 1) Codify CARB's regulation authorizing portable equipment to be operated during an emergency event and would also authorize portable equipment to be operated during a PSPS event.
- 2) Define PSPS event, in part, as a planned power outage undertaken by an electrical corporation to reduce the risk of wildfires caused by utility equipment.
 - a. PSPS event has the same meaning as a "deenergization event", which is defined as a planned power outage, undertaken by an electrical corporation to reduce the risk of wildfires caused by utility equipment. A deenergization event commences when an electrical corporation provides notice to any state agency or political subdivision of the potential need to initiate a planned deenergization of the electrical grid, and ceases when the electrical corporation restores electrical services to all deenergized customers, or at such time as the electrical corporation cancels the deenergization event for some or

South Coast Air Quality Management District Legislative Analysis Summary – SB 1235 (Borgeas)

Version: As Introduced 2/17/22

Analyst: PC

all of its affected customers, and rescinds the notice of the potential need to initiate the deenergization event. A deenergization event does not include any planned outages in connection with regular utility work.

Impacts on South Coast AQMD's Mission, Operations or Initiatives: Not only does this bill codify CARB's rules relating to the use of portable equipment during emergencies, but it goes farther by increasing the amount of time dirty, high emitting portable equipment can be used. South AQMD understands the importance of the availability of power during an emergency, however creating a new blanket exemption that allows portable equipment to be used during PSPS events will increase the amount of harmful emissions that impact communities throughout the South Coast region and the state. It is important to ensure that power is provided in a way that minimizes the potential harmful effects of significant diesel emissions. Also, the definition of PSPS events is very broad and would allow use of portable equipment even before power is actually shut down, further increasing the public's exposure to harmful emissions.

Overall, this bill is detrimental to South Coast AQMD's mission to protect public health, reduce the impacts of air pollution within the South Coast region, and attain federal air quality standards.

Recommended Position: OPPOSE

Support:

N/A

Opposition:

N/A

SENATE BILL

No. 1235

Introduced by Senator Borgeas

February 17, 2022

An act to add Section 41756 to the Health and Safety Code, relating to air pollution.

LEGISLATIVE COUNSEL'S DIGEST

SB 1235, as introduced, Borgeas. Air pollution: portable equipment: emergency events.

Existing law authorizes local air pollution control and air quality management districts (air districts) to establish a permit system requiring that any person who builds, erects, alters, replaces, operates, or uses any article, machine, equipment, or other contrivance that may cause the issuance of air contaminants obtain a permit to ensure compliance with applicable air quality standards. Existing law requires the State Air Resources Board to establish, by regulation, an optional registration program for portable equipment that is, or may be, used in more than a single air district. Pursuant to this directive, the state board established the Portable Equipment Registration Program, which allows portable engines and equipment units to operate throughout the state without authorization or permits from air districts. The state board's regulations allow for the temporary operation of otherwise unregistered or unpermitted portable engines during an emergency event if certain conditions are met. The state board's regulations define "emergency event" as any situation arising from a sudden and reasonably unforeseen natural disaster such as earthquake, flood, fire, or other unforeseen events beyond the control of the portable engine or equipment unit operator, its officers, employees, and contractors that threatens public health and safety and that requires the immediate temporary operation SB 1235 -2-

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of portable engines or equipment units to help alleviate the threat to public health and safety.

This bill would codify the state board's regulation authorizing portable equipment to be operated during an emergency event, as defined above, and would also authorize portable equipment to be operated during a public safety power shut-off event. The bill would define "public safety power shut-off event," in part, as a planned power outage undertaken by an electrical corporation to reduce the risk of wildfires caused by utility equipment.

Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: no.

The people of the State of California do enact as follows:

- SECTION 1. Section 41756 is added to the Health and Safety Code, to read:
- 41756. (a) Notwithstanding any other law, portable equipment may be operated during an emergency event if the portable equipment, and the owner or operator of the portable equipment, complies with the requirements of subdivision (c) of Section 2455 of Title 13 of the California Code of Regulations.
 - (b) For purposes of this section, "emergency event" includes both of the following:
 - (1) An "emergency event," as defined in subdivision (j) of Section 2452 of Title 13 of the California Code of Regulations.
 - (2) A public safety power shut-off event. For the purpose of this subdivision, "public safety power shut-off event" has the same meaning as "deenergization event" set forth in Section 351 of the Water Code.

ATTACHMENT 3A



To: South Coast AQMD Legislative Committee

From: Carmen Group

Date: March 24, 2022

Re: Federal Update -- Executive Branch

FY 22 Appropriations: In March, Congress finalized and approved -- and the President signed -- the FY22 Omnibus appropriations bill which frees up significant new and higher funding levels for programs. This includes, for example, higher funding levels at the EPA for DERA, Targeted Airshed grants, and related Clean Air Act funding. It also includes full funding for the new programs authorized under the new Bipartisan Infrastructure Law, including the new MEGA and Charging and Fueling Infrastructure grant programs. Other noteworthy items in the bill include \$3.2 billion – an increase of \$338 million over 2021 -- for the Department of Energy to build clean energy projects and boost clean energy manufacturing; \$100 million dedicated to advancing environmental justice at the EPA; and an increase of \$776 million for the Department of the Interior and increases at the Department of Agriculture to prevent wildfires.

Here are additional items of interest from recent activities at key federal agencies:

Environmental Protection Agency

EPA Proposes Ultra-Low NOx Rule for Heavy Trucks: On March 7, the EPA announced its long-awaited proposal under its Clean Trucks Plan to establish new NOx emissions standards for heavy duty vehicles and engines starting in model year 2027, an action that South Coast AQMD first petitioned for in 2016. The pre-publication proposed rule (1374 pages) sets out two regulatory options and is requesting comments on both. Option 1 would implement stronger NOx standards in two steps, reaching a 90% reduction from today's standards over a 20-year period. Option 2, to be achieved in one step, would achieve less emissions reductions than Option 1 over the same period. EPA will hold a public hearing on the proposed rule in mid-April and accept formal written comments through mid-May. This would lead to a final rule being released before the end of 2022.

EPA Restores California Waiver: In March, the EPA rescinded the Trump SAFE-1 Rule and reinstated California's authority under the Clean Air Act to set its own auto emissions standards and zero-emission vehicle (ZEV) sales mandate.

<u>EPA Proposes "Good Neighbor" Plan to Cut Smog Across State Lines</u>: In March, the EPA issued a proposed rule implementing the Clean Air Act's "good neighbor" or "interstate transport" provision which requires submission and approval of each state's

good neighbor State Implementation Plan (SIP). The proposed rule requires that if EPA finds that a state has not submitted an acceptable plan, then it must issue a Federal Implementation Plan (FIP) within two years to ensure downwind states are protected.

EPA Awards Rebates for Clean School Buses: In March, the EPA announced the award of \$17 million in Clean School Bus rebates: \$7 million in Electric School Bus Rebates under the 2021 American Rescue Plan directed to school districts in underserved communities; and \$10 million in DERA rebates directed to 444 school bus replacements across the country. These included awards totaling \$980,000 for cleaner school buses in California.

EPA Announces New Science Process to Support EPA Decisions: The EPA has announced the implementation of a new "Science Supporting EPA Decisions" process which it says will strengthen peer review, independence and better use of expertise provided by the agency's Science Advisory Board (SAB) in making critical decisions.

Department of Transportation

DOT Announces (MEGA, INFRA, RURAL) Grant Programs Funding Availability:

In March, the U.S. Department of Transportation announced a combined funding availability of \$2.9 billion for three major discretionary grant programs authorized under the new Bipartisan Infrastructure Law. These programs include the following:

- National Infrastructure Project Assistance (MEGA) program (\$1 billion for FY22)
- Infrastructure for Rebuilding America (INFRA) program (\$1.55 billion for FY22)
- Rural Surface Transportation Grant (RURAL) program (\$300 million for FY22) cording to the DOT putting the three programs under a single notice will make it

According to the DOT, putting the three programs under a single notice will make it easier for communities to apply for one, two, or three major discretionary grant programs with a single application and a common set of criteria. Applications are due May 23, 2022.

FTA Announces (Low-No, Bus and Bus Facilities) Programs Funding Availability:

In March, the Federal Transit Administration (FTA) announced a combined funding availability of \$1.5 billion for two major bus discretionary grant programs funded under the Bipartisan Infrastructure Law. These include the Low or No Emission (Low-No) grant program (\$1.1 billion for FY22), and the Bus and Bus Facilities grant program (\$372 million for FY22). Applications are due May 31, 2022.

FTA Announces FY21 Bus and Bus Facilities Grants: In March, the FTA announced the award of \$409.3 million in grants to 70 projects in 39 states to modernize, electrify, and reduce emissions from buses and bus systems across the country. The agency said it received more than \$2.5 billion in funding requests for such grants, more than five times the amount of funding available.

<u>Dust-Up Over Highway Funding Policy Guidance Defused for Now:</u> Recently voiced concerns expressed by some states, governors and Republican members of Congress about Administration policy guidance that seemed to restrict the flexibility of states to direct highway formula funding to their projects of choice appears to have been eliminated for the time being. In interactions with members of Congress in March

through letters, speeches and appearances by the Secretary of Transportation and the White House Infrastructure Coordinator, Administration reassurances were given that states do retain the flexibility they need and expect under the Infrastructure law.

FAA Charts Path to Eliminate Lead Emissions from General Aviation: The Federal Aviation Administration recently announced a new public-private initiative that outlines how the country can safely eliminate the use of leaded aviation fuel by the end of 2030. The effort is based on actions that involve the FAA, the EPA, fuel suppliers and distributors, airports, engine and aircraft manufacturers, research institutions, associations, environmental experts, community groups and other stakeholders.

Department of Energy

Notable Appointments:

Christopher Davis, Chief of Staff

DOE Senior Advisor; Obama WH and DOE; House Oversight and Energy Committees

Fred Pfaeffle, Senior Counsel, Office of General Counsel

Env. Attorney; Obama USDA; Dep. Counsel, County of LA; JD, Univ. of Southern Calif.

<u>DOE Study Examines Projected Future Costs of ZERO-Emission Trucks</u>: In March, the Department of Energy released its own internal study that projects that by 2030, nearly half of medium- and heavy-duty trucks will be cheaper to buy, operate, and maintain as zero emissions vehicles than as traditional diesel-powered combustion engine vehicles. The study, published by the DOE's National Renewable Energy Laboratory, envisions continued improvements s in zero-emission vehicle and clean fuel technologies in the years ahead.

DOE Report Maps Strategy to Secure Clean Energy Supply Chain: The Department of Energy has released what it calls the first-ever comprehensive plan "to ensure security and increase our energy independence." The report, "America's Strategy to Secure the Supply Chain for a Robust Clean Energy Transition," includes over 60 actions to enhance supply chain resiliency, spur domestic manufacturing capacity and create jobs. Among its policy recommendations is to "leverage federal purchasing power to provide a sustained demand signal for both domestic clean energy products and the capability to manufacture them domestically."

DOE Announces Launch of Lithium Battery Workforce Initiative: In March, the Department of Energy announced the launch of a national workforce development strategy for lithium battery manufacturing. As part of a \$5 million investment, DOE will support up to five pilot training programs in energy and automotive communities, and advance partnerships for the domestic lithium battery supply chain. DOE notes that lithium batteries power electric vehicles and consumer electronics and are a "critical component" of the President's carbonization strategy.

<u>Outreach</u>: Contacts included multiple members of our business coalition group on the EPA's Ultra-Low NOx rulemaking process.

ATTACHMENT 3B



To: South Coast Air Quality Management District

From: Cassidy & Associates Date: March 22, 2021

Re: March Report

HOUSE/SENATE

Congress passed the fiscal 2022 \$1.5 trillion omnibus spending package. The package was stripped of its \$15.6 billion COVID-19 relief funding in the House. The over 2,000-page omnibus appropriates funds across the 12 annual bills, includes nearly \$14 billion in support for Ukraine, and it also carries a variety of unrelated bills that Congress was eager to pass. The House hopes to pass the COVID-19 relief as a stand-alone bill. Now that the government is funded through the end of the fiscal year, appropriators are turning their attention to fiscal year 2023 appropriations.

The House is not in session this week. Last week, Senate Majority Leader Schumer began the process to go to a formal conference with the House on the China-focused USICA/America COMPETES Act, designed to spur U.S. production of semiconductors, improve supply chain resiliency, increase U.S. investment in basic research, and confront the rise of China. The House and Senate have passed different versions of this legislation, therefore both chambers must resolve those differences and pass an identical version. The Senate will return this week to consider HR 4521, the America COMPETES Act as a part of this process.

Additionally, Senator Schumer will also try to reach agreement on a House-passed bill to end permanent normal trade relations for Russia and Belarus. Senate Democrats are also expected to work with Sen. Joe Manchin (chair of the Energy and Natural Resources Committee) on his concerns about a House-passed Russian oil import ban.

EPA

Earlier this month, the EPA proposed new, stronger standards to promote clean air and reduce pollution from heavy-duty vehicles and engines starting in model year (MY) 2027. The proposed standards would reduce emissions of smog- and soot-forming nitrogen oxides (NOx) from heavy-duty gasoline and diesel engines and set updated greenhouse gas (GHG) standards for

certain commercial vehicle categories. This proposed rule would ensure the heavy-duty vehicles and engines that drive American commerce and connect people across the country are as clean as possible while charting a path to advance zero-emission vehicles in the heavy-duty fleet.

For more information on the rule on the public comment process, please visit: https://www.epa.gov/regulations-emissions-vehicles-and-engines/proposed-rule-and-related-materials-control-air-1.

On March 9, 2022, the EPA reinstated California's authority under the Clean Air Act to implement its own GHG emissions standards and zero emission vehicle (ZEV) sales mandate. This action concludes the agency's reconsideration of 2019's Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program Rule (SAFE-1) by finding that the actions taken under the previous administration as a part of SAFE-1 were decided in error and are now entirely rescinded.

More information on the action can be found here: https://www.epa.gov/regulations-emissions-vehicles-and-engines/notice-decision-reconsideration-previous-withdrawal.

The EPA proposed their "Good Neighbor" plan to cut smog across much of the United States. The plan would cut pollution from power plants and industrial sources that significantly contribute to unhealthy levels of ground-level ozone, or smog, for millions of Americans who live downwind. Relying on a longstanding regulatory framework and commonly used, affordable pollution controls, this action would help states fully resolve their Clean Air Act "good neighbor" obligations for the 2015 Ozone National Ambient Air Quality Standards (NAAQS), enhancing public health and environmental protections regionally and for local communities.

More information on the program can be found here: https://www.epa.gov/csapr/good-neighbor-plan-2015-ozone-naaqs.

As a part of President Biden's <u>National COVID-19 Preparedness Plan</u> that was released on March 3, the EPA announced the "Clean Air in Buildings Challenge" to help building owners and operators improve indoor air quality and to protect public health. The challenge is a call to action and a concise set of guiding principles and actions to assist building owners and operators with reducing risks from airborne viruses and other contaminants indoors. The Clean Air in Buildings Challenge highlights a range of recommendations and resources available to assist with improving ventilation and indoor air quality, which can help to better protect the health of building occupants and reduce the risk of COVID-19 spread.

More information on the Clean Air in Buildings Challenge can be found here: https://www.epa.gov/indoor-air-quality-iaq/clean-air-buildings-challenge.

Cassidy and Associates support in March:

- Scheduled follow-up meeting for Executive Team and EPA.
- Scheduled meetings to update House Congressional Committee staff on FIP and EPA.
- Tracked appropriations for FY22 and the release of the President's budget for FY23.
- Tracked status of Build Back Better or a scaled-back version and updated SCAQMD team on a regular basis.
- Participated in weekly strategy sessions with SCAQMD staff.

PANDEMIC RESPONSE PROGRAMS AND AUTHORITIES

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 <u>killionw@state.gov</u>)
- U.S. Department of Transportation Sean Poole (Office 202-597-5109 / Cell 202-366-3132 / Email sean.poole@dot.gov)

ATTACHMENT 3C

KADESH & ASSOCIATES

South Coast AQMD Report for the April 2022 Legislative Meeting covering March 2022 Kadesh & Associates

The Senate finally approved the fiscal year 2022 omnibus appropriations bill on Thursday, March 10, sending it to the White House for President Joe Biden's signature and narrowly avoiding a possible government shutdown that would have been triggered at midnight on March 11.

As a reminder, the 2022 fiscal year actually began on October 1, 2021, but federal agencies have been funded by several stopgap Continuing Resolutions (CRs) approved by Congress over the last five months. This delay in finalizing FY22 means that the Congress turned almost immediately to the FY23 budget and appropriations process, with only slightly more than six months remaining in FY22 and several imminent deadlines.

Overall, EPA did well in the final FY22 bill: the agency will receive \$9.56 billion. While this was below the President's budget request, it does represent a \$323 million increase over the final FY21 level. Importantly, all of the key accounts for South Coast AQMD were increased over prior levels, including the DERA program (\$92 million), Targeted Airshed Grants (\$61.9 million), and the 103/105 programs (\$231.4 million).

At the last minute, the House had to cut \$15.6 billion from the agreement that had been requested by the Biden administration for Covid-19 medicines, vaccines, and testing. Republicans had insisted that any such funding be offset, and once the agreement was unveiled, many House Democrats objected to the specific offsets that were used. Negotiations have begun over options to replenish those Covid-19 accounts, but without a must-pass vehicle like the appropriations bill, the funding's fate is unclear.

With the enactment of the omnibus appropriations bill, DOT, EPA, and other federal agencies will soon be able to launch many of the programs that have been stalled due to their interim CR funding. As reported last month, the Congressional Budget Office identified \$197 billion in infrastructure funds that could not be released until the FY22 appropriations funding is enacted.

Finally, Sen. Manchin has indicated that he is open to restarting negotiations on the reconciliation bill provided that the effort addresses inflation and the deficit, and House and Senate committees are holding hearings to highlight some of the options available. The political window of opportunity will likely close this summer, so we will have a better idea in the coming weeks if a revival is possible.

Kadesh & Associates Activity Summary-

-Monitored and reported on final FY22 appropriations and began work with the delegation and South Coast AQMD staff on FY23 appropriations.

KADESH & ASSOCIATES

-Continued to work with South Coast AQMD to brief congressional delegation on air quality impacts of the BIL and federal regulatory processes.

-Worked with South Coast AQMD staff on strategy to address nonattainment deadlines, including working in coordination with Bay Area AQMD to keep congressional attention and focus on the heavy truck NOx rule, and the need for updated federal mobile source regulations.

Contacts:

Contacts included staff and House Members throughout the CA delegation, especially the authors of priority legislation, Senate offices, members of the South Coast House delegation, and members of key committees. We have also been in touch with administration staff.

###

ATTACHMENT 4A



South Coast Air Quality Management District

Legislative and Regulatory Update - February 2022

Important Dates

Apr. 7 - Spring Recess begins upon adjournment of session.

Apr. 18 - Legislature Reconvenes from Spring Recess

Apr. 29 - Last day for Policy Committees to hear and report fiscal bills

- * RESOLUTE Actions on Behalf of South Coast AQMD. RESOLUTE partners David Quintana, Jarrell Cook, and Alfredo Arredondo continued their representation of SCAQMD before the State's Legislative and Executive branches. Selected highlights of our recent advocacy include:
 - Assisted South Coast staff in confirming and participating in key meetings with Legislators in Sacramento regarding sponsored legislation and budget priorities.
 - Continued outreach to numerous legislative members and offices regarding South Coast priority legislation and issues.
 - Secured Sponsorship status for priority legislation for SCAQMD relative to AB 617 funding and extension of Carl Moyer Program sunset.
- ❖ Joint Climate Change Committee on Climate Change Policies Held an Informational Hearing on "Achieving Carbon Neutrality: Tradeoffs and Opportunities". On March 10, the Joint Climate Change Policies Committee held its informational hearing on 'Achieving Carbon Neutrality: Tradeoffs and Opportunities' (video at the link).

This hearing provided an opportunity for discussion of how California can potentially achieve its carbon neutrality goal by 2045, including a presentation by E3 on their CARB funded study that developed modeling on this topic. Key takeaways that the Committee discusses in their Outcomes Report include: "California is not on track to meet our 2030 and 2045 climate goals"; the State "needs to support innovation and a comprehensive policy approach", and that "addressing climate change across our economy will require that we build an enormous amount of new transportation and energy infrastructure"

SCAQMD Sponsored Legislation. In addition to the two policy bills mentioned in the previous monthly report dealing with the classification of SCAQMD as an 'independent special district', and updates to AB 617 statute to assist with more effective implementation of that program, SCAQMD has now become a sponsor of two additional bills. Assemblymember Eduardo Garcia is authoring two pieces of legislation: (1) securing a continuous appropriation of funding for AB 617 implementation and incentives funding, and (2) an extension of the Carl Moyer Program.

It should be noted that the policy proposal for AB 617 implementation and incentives will ultimately become part of the Annual Budget Act process that is currently underway.

❖ The California Air Resources Board Releases Scoping Plan Modeling. The Air Resources Board hosted a workshop on March 15 where 4 alternative models presented focused on achieving carbon neutrality in California. While not extensively detailed, they present the broad-strokes milestones that would need to be achieved under each scenario. The following is a summary developed by Inside Cal/EPA of the 4 alternatives:

SCAQMD—Leg. Update Page 1 of 2

Inside Cal/EPA

An exclusive weekly report on environmental legislation, regulation and litigation from the publishers of Inside EPA

Vol. 33, No. 11 — March 18, 2022

CARB Weighs Climate Path Where All Gasoline Vehicles Are 'Retired' By 2035

Posted March 17, 2022

California air officials are reviewing new modeling scenarios to inform their planned update to a greenhouse gas regulatory "scoping plan" to achieve long-term climate targets, including one path in which all internal combustion engine (ICE) passenger vehicles are "retired" by 2035 and only zero-emission vehicles are on the road.

The latest modeling results were unveiled during a March 15 California Air Resources Board (CARB) workshop by CARB staff and several third-party contractors, with the projections aiming to shape the policies and regulations that are eventually included in the scoping plan update.

The update, which CARB aims to finalize by the end of this year, will "assess progress towards achieving" the state's 2030 target of reducing GHG emissions to 40 percent below 1990 levels, as well as "lay out a path" to achieve "carbon neutrality" by 2045. Gov. Gavin Newsom (D) has also instructed CARB to include strategies to achieve carbonneutrality by 2035.

The consulting firm Energy + Environmental Economics (E3) is leading the development of four modeling scenarios to reach the state's GHG and climate targets, and presented an overview of its results to date during the March 15 workshop.

The four scenarios include Alternative 1, which seeks to attain carbon neutrality by 2035. This would entail the nearly "complete phaseout of combustion, limited reliance on engineered carbon removal, restricted applications for biomass derived fuels, and ambitious innovation in technology and aggressive consumer adoption trends (e.g. electricaviation adoption and 100% electrification by 2035)," according to the presentation.

Alternative 2 seeks to achieve carbon neutrality by 2035 using "a full suite of technology options, including engineered carbon removal."

Alternative 3 models achievement of carbon neutrality by 2045, using a "broad portfolio of existing and emerging fossil fuel alternatives and alignment with statutes and Executive Orders."

Lastly, Alternative 4 seeks carbon neutrality by 2045, using "existing and emerging technologies, [a] slower rate of clean technology and fuel deployment and consumer adoption," while also reflecting "a higher reliance on engineered carbon removal."

SCAQMD—Leg. Update Page 2 of 2

ATTACHMENT 4B



South Coast AQMD Report California Advisors, LLC April 8, 2022 Legislative Committee Hearing

Legislative Update

On March 8, Governor Gavin Newsom delivered his fourth annual State of the State Address at the Natural Resources building in downtown Sacramento. In years past, the Governor typically delivered this address from the Assembly Chambers, but given the pandemic, the last two years have been at alternative locations. Notably, the Governor addressed the rising gas prices by saying they needed to do more to tackle this crisis. As you may recall, as part of his January budget blueprint, Gov. Newsom proposed a pause on the gas tax inflation increase. He spoke briefly about the need to enact a larger tax rebate to cover the increased gas prices. In the legislative leadership's response to the State of the State, they once again pushed back on the idea of a "gas tax holiday" because they don't believe the pause is the right move long term for the state.

On March 14, Governor Newsom announced the departure of Legislative Affairs Secretary Angie Wei and the appointment of Christy Bouma to fill her role. Wei has served in several positions in the Governor's Office since 2019. She will continue to serve the Administration as a member of the State Compensation Insurance Fund. Additionally, it was announced that the head of the Department of Finance, Keely Bosler would be stepping down after this year's budget. Thus, these are two key roles within the Governor's Administration that will have new faces by the end of the year.

Budget Update

At the end of March, the Governor announced a proposed \$11 billion relief package for Californians facing higher gas prices. The key provision was a \$400 direct payment per vehicle, capped at two vehicles per household, which totals an estimated \$9 billion in rebates to residents of the state. Additionally, he proposed \$750 million for incentive grants to transit and rail agencies to provide free transit for three months, \$600 million to pause part of the sales tax rate for diesel for one year, \$523 million to backfill the inflationary adjustment to gas and diesel excise rates, and \$500 million for projects that promote biking and walking throughout the state.

Lastly, his proposal accelerates \$1.75 billion of his proposed zero-emission vehicle package. The Governor believes the acceleration of this money will further reduce the state's dependence on oil and save money in the long term. That money would include focusing on more ZEV passenger vehicles and building additional charging infrastructure around the state – especially in low-income communities.

The Governor's announcement indicated that he planned on beginning negotiations with leadership in the Assembly and the Senate over the coming days. He was hopeful that Californians could begin receiving their rebate checks by July. Given the large amount of rebates, it is likely that this proposal will help the state manage the Gann limit, but there is still significant negotiating that has to occur.

Special Elections

April 5 is when the special primary election will be held to fill the vacant Assembly District 62 seat. This district was previously represented by former Assemblymember Autumn Burke who resigned from the Assembly at the beginning of February. The race will feature four democratic candidates that are vying for the top two positions. The race will go to a run-off if no candidate receives over 50% of the vote.

This will be a busy election day, as there are two additional state Assembly elections happening for seats located near the Bay Area and San Diego. There remain four vacant seats in the Assembly.

ATTACHMENT 4C



TO: South Coast Air Quality Management District

FROM: Anthony, Jason & Paul Gonsalves **SUBJECT**: Legislative Update – March 2022

DATE: Thursday, March 23, 2022

The month of March marks the beginning of Committee hearings on the 1,361 new Assembly bills and the 660 new Senate bills. Given that February 18, 2022 was the bill introduction deadline, and that all bills must be in print for 30-days before they can be heard, the middle of March is the kick-off to committee hearing season.

This month, the Governor expressed California's solidarity with Ukraine by signing an Executive Order that directs state agencies and departments to ensure their contractors are complying with economic sanctions imposed on Russia. Additionally, the Governor helped pack emergency relief supplies for Ukraine that includes beds, wound and IV kits, defibrillators, wheelchairs, 100 oxygen concentrators and personal protective equipment to supply refugee camps. Meanwhile, the Legislature has been focused on the war's impacts at home by proposing relief at the gas pump. The Assembly, Senate, and Governor have all announced varying proposals and are in negotiations to find an agreement on some form of gas tax relief.

The following will provide you with updates of interest to the District:

CALIFORNIA AND JAPAN MOC

On March 21, 2022, Governor Newsom met with Japanese Ambassador to the U.S. Koji Tomita to strengthen economic cooperation and investment between California and Japan. This meeting builds upon a previous engagement with a framework for how we can tackle climate change and accelerate the transition to clean transportation together.

The signed Memorandum of Cooperation (MOC) will allow California and Japan to cooperate on projects, information sharing, research and development, investments, and more in the areas of climate change, trade and investment, renewable energy, energy storage, business exchange, zero-emission vehicles (ZEVs), high-speed rail (HSR) and other passenger rail services, public transportation, and water conservation and management.

This MOC includes a flexible framework between California and Japan in order to focus on two common objectives – strengthening climate-related activities and promoting renewable, clean

energy; and deepening our trade and investment relationship, including providing opportunities for business exchange and exploring investments in clean energy vehicles. This MOC builds on the previous version signed in 2014 by Governor Brown.

\$100 MILLION TRIBAL LED INITIATIVE

On March 18, 2022, Governor Newsom announced a budget proposal to establish a \$100 million funding opportunity to strengthen partnerships with California Native American tribes to achieve the state's ambitious climate and conservation goals.

The proposed funding would support tribal initiatives that advance shared climate and biodiversity goals including research, development and implementation of traditional knowledge; workforce training, capacity building and technical support; and tribal nature-based climate conservation programs, among others.

In 2020, Governor Newsom called for accelerated use of nature-based solutions to combat the climate crisis through Executive Order N-82-20. The order called for a cohesive strategy to improve management of the state's diverse landscapes to protect climate-vulnerable communities, safeguard biodiversity, achieve carbon neutrality, improve public health and safety, and expand economic opportunity.

Two major initiatives were launched as part of this strategy, a major new conservation goal and a first-ever strategy to expand climate-smart land management. The state committed to conserve 30% of state lands and coastal waters by 2030, becoming a leader in an international effort referred to as "30X30." During public workshops for these initiatives, it was clear that California Native American tribes offered significant solutions and a willingness to partner with the state. State agencies are finalizing a Natural and Working Lands Climate Smart Strategy that will identify the state's priorities for managing our landscapes to meet California's climate goals.

Governor Newsom acknowledged that California Native peoples have lived interdependently with, and stewarded this environment since time immemorial, and that the state has a role in the violent disruption of that relationship. Collaborating with tribes will allow the state to build a more resilient, equitable, and thriving future for all Californians.

GAS TAX RELIEF

Governor Newsom's January Budget proposal called for a one-year delay on an increase in the state gas tax that is set to kick in this summer. That plan would save drivers 3 cents a gallon and cost California a projected \$523 million in revenue next year. That was met with criticism from Legislative Leaders who expressed concerns that even a small cut to gas tax revenues could potentially jeopardize a tremendous amount of jobs in this state and inhibit some economic growth.

In early March, Republican lawmakers proposed suspending California's gas tax for 6 months, which would save drivers 51 cents on every gallon of gas. AB 1638 (Kiley) was introduced and proposed to use some of the state's current budget surplus (estimated to be from \$46.5 billion to \$69.5 billion) to make up the \$4.4 billion in revenue that would be lost during a six-month

suspension of the gas tax. On March 14, 2022, the Assembly declined suspending the rules to hear AB 1638, failing 18-40.

On Thursday, March 17, 2022, Assemblymember Cottie Petrie-Norris and 23 other Legislator's announced a proposal for a \$400 gas rebate which would be equivalent to a one-year gas tax holiday. The stimulus-like rebate would go to all state taxpayers, not just drivers, because of the increase in living expenses. Assemblymembers also emphasized the rebate option is a good one because it allows residents to have more flexibility in how they use the money. They said they would like to see the rebate move forward as quickly as possible this spring.

On March 18, 2022, Assembly Speaker Rendon and Senate President Pro Tempore Atkins announced their plan that would send \$200 back to each taxpayer and dependent with a \$250,000 income threshold. It's designed to put more money in the pockets of larger families with no limits on the number of dependents a taxpayer can claim. Around 90% of taxpayers would receive a check, costing the state about \$6.8 billion.

On March 23, 2022, Governor Newsom announced his \$11 Billion Relief Package that proposes the following:

- Provide all registered vehicle owners in California a \$400 per vehicle rebate, totaling \$9 billion in direct payments to millions of Californians.
 - Eligibility will be based on vehicle registration, not tax records, in order to include seniors (who receive Social Security Disability income) and low-income non-tax filers.
- Provide \$2 billion in relief for free public transportation for three months.
 - \$750 million in incentive grants to transit and rail agencies to provide free transit for Californians for 3 months.
 - o Up to \$600 million to pause a part of the sales tax rate on diesel for one year.
 - \$523 million to pause the inflationary adjustment to gas and diesel excise tax rates
- \$500 million to support active transportation programs
- Fast-track \$1.75 billion of the Governor's historic \$10 billion ZEV package to get more Californians into clean vehicles faster and build more charging stations.

The Newsom Administration and Legislative Leaders are continuing to negotiate the details of the proposal over the next few weeks. Once an agreement is reached and approved through the Legislature, the first payments could begin as soon as July.

GOVERNOR'S APPOINTMENTS

On March 17, 2022 Governor Newsom appointed Clare Mendelsohn as Deputy Secretary for Public Policy at the California Environmental Protection Agency. Mendelsohn was Forest Supervisor for the U.S. Forest Service at the White Mountain National Forest from 2017 to 2020, where she was Deputy Forest Supervisor from 2015 to 2017. She was Director of the Western Regional Environmental Office for the U.S. Air Force from 2002 to 2013 and Special Projects Manager in the Clean Energy and Climate Change Section, Air Division for the U.S. Environmental Protection Agency, Region 9 in 2012. Mendelsohn was Senior Operational Research Analyst for the Air Force Studies and Analyses Agency in 2002 and Chief of the

Environmental Operations Branch for the Materiel Command of the U.S. Air Force Office of Environmental Management in 2001. Mendelsohn earned a Master of Business Administration degree from the MIT Sloan School of Management and a Master of Science degree in Environmental Engineering and Management from the Air Force Institute of Technology. This position does not require Senate confirmation.

On March 14, 2022, Governor Gavin Newsom announced the appointment of Christy Bouma as Legislative Affairs Secretary in the Office of the Governor, filling the role held by Angie Wei since December 2020. Wei has served in several positions in the Governor's Office since 2019. Wei will continue to serve the Administration as a member of the State Compensation Insurance Fund. Christine Bouma was President of Capitol Connection from 2008 to 2022, where she was Legislative Advocate from 2000 to 2008. She was a Mathematics and Computer Science Teacher at the Hesperia Unified School District from 1989 to 1999 and an Instructor at Victor Valley Community College from 1991 to 1998. She is a member and former President of the Institute of Governmental Advocates and served two Governors as a Member of the Commission on Health and Safety and Workers' Compensation. Bouma earned a Master of Science degree in Computer Science from California State University, Sacramento. This position does not require Senate confirmation.

On March 2, 2022, Karen Douglas was appointed Senior Advisor for Energy in the Office of the Governor. Douglas has served as a California Energy Commission Member since 2008. Douglas was Director of the California Climate Initiative for the Environmental Defense Fund from 2005 to 2008. She held several positions at the Planning and Conservation League from 2001 to 2005, including Acting Executive Director and General Counsel. Douglas earned a Juris Doctor degree from Stanford Law School and a Master of Public Policy degree in Environmental Policy from the University of Colorado Boulder. This position does not require Senate confirmation.

On March 2, 2022, Rachel Zwillinger was appointed Assistant General Counsel for Enforcement at the California Environmental Protection Agency. Zwillinger has been a Water Policy Advisor at Defenders of Wildlife since 2014. She was Natural Resources Defense Council Fellow at Altshuler Berzon LLP from 2011 to 2014, Law Clerk to the Honorable John T. Noonan at the U.S. Court of Appeals for the Ninth Circuit from 2010 to 2011 and Law Clerk to the Honorable Marilyn L. Huff at the U.S. District Court for the Southern District of California from 2009 to 2010. Zwillinger earned a Juris Doctor degree from Stanford Law School and a Master of Science degree from the Stanford Emmett Interdisciplinary Program in Environment and Resources. This position does not require Senate confirmation.

On March 2, 2022, Yvonna Cázares was appointed Deputy Director for the Office of Environmental Equity at the California Department of Toxic Substances Control. Cázares has been Director of Community Engagement in the Oakland Mayor's Office since 2017. She was Public Information Officer II for the Bay Area Air Quality Management District from 2014 to 2017, Director of Parent Engagement Programs at the California State PTA from 2013 to 2014 and Policy Manager at GSA Network from 2012 to 2013. Cázares was Marketing and Public Relations Director for Spinal Injury Center from 2007 to 2012, Latino Vote Director and Field Organizer for Steve Pougnet for Congress from 2009 to 2010, and Policy Analyst and Lobbyist for the Verde Consulting Group LLC from 2008 to 2009. She was a Sustainable Economics and Environmental Justice and Climate Change Fellow at Redefining Progress from 2007 to 2008 and an Administrative Assistant at Iris Capital Group LLC from 2004 to 2006. Cázares earned a

Master of Business Administration degree from the Pepperdine Graziadio Business School. This position does not require Senate confirmation.

2022 LEGISLATIVE DEADLINES

April 7-18: Spring Recess

April 29: Last day for policy committees to hear and report to fiscal

committees fiscal bills introduced in their house.

May 6: Last day for policy committees to hear and report to the

floor nonfiscal bills introduced in their house.

May 13: Last day for policy committees to meet prior to May 31

May 20: Last day for fiscal committees to hear and report to the floor bills

introduced in their house. Last day for fiscal committees to meet prior to

May 31

May 27: Last day for each house to pass bills introduced in that house

June 15: Budget Bill must be passed by midnight

June 30: Last day for a legislative measure to qualify for the Nov. 8, 2022

General Election ballot

July 1: Last day for policy committees to meet and report bills

July 1- August 1: Summer Recess

August 12: Last day for fiscal committees to meet and report bills

August 15-31: Floor session only. No committee may meet for any purpose except Rules

Committee.

August 25: Last day to amend bills on the floor

August 31: Last day for each house to pass bills. Final Recess begins upon

adjournment



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 23

REPORT: Mobile Source Committee

SYNOPSIS: The Mobile Source Committee held a remote meeting on Friday,

April 15, 2022. The following is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file.

Gideon Kracov, Chair Mobile Source Committee

SLR:ak

Committee Members

Present: Board Member Gideon Kracov/Chair

Supervisor Sheila Kuehl/Vice Chair

Mayor Larry McCallon Supervisor V. Manuel Perez Council Member Nithya Raman

Absent: Mayor Carlos Rodriguez

Call to Order

Chair Kracov called the meeting to order at 9:00 a.m.

For additional details of the Mobile Source Committee Meeting, please refer to the Webcast at: Live Webcast (aqmd.gov)

INFORMATIONAL ITEM:

1. Interpreting recent trends in ozone and its precursors in the South Coast Air Basin

Dr. Jeremy Avise, CARB, provided an overview of the relationship between NOx and VOC emission controls and their effect on ozone concentrations for the South Coast Air Basin.

Mayor McCallon, Supervisor Perez, Supervisor Kuehl and Chair Kracov discussion focused on poor ozone air quality in 2020 and ozone in Coachella Valley. Dr. Avise explained that the poor air quality in 2020 is predictable due to the complex relationship between emissions and meteorology. Dr. Sarah Rees, Deputy Executive Officer/Planning, Rule Development and Implementation, explained that ozone in the Coachella Valley is largely driven by emissions in the South Coast Air Basin and that implementation of AQMPs will lead to attainment of the ozone standard in Coachella Valley. Mayor McCallon and Chair Kracov inquired about the recent increases in ozone despite substantial decreases over the past few decades. Dr. Avise responded that previous reductions in VOC and NOx together resulted in ozone reductions, however we have reached a point where VOC reductions will have more limited ability to reduce ozone and the only pathway to attainment is through NOx controls. Dr. Avise stated that he expects greater benefits from continued NOx controls are anticipated to become apparent in the mid to late 2020s. For additional details, please refer to the Webcast beginning at 23:50.

Peter Okurowski,, representing the American Association of Railroads, asked for clarification in the presentation and said he would follow up with the speaker later. For additional details, please refer to the Webcast beginning at 42:10.

2. Update on Proposed Rule 2306 - Indirect Source Rule for New Intermodal Facilities

Dr. Elaine Shen, Planning and Rules Manager/Planning, Rule Development and Implementation, provided a status update on Proposed Rule 2306.

Mayor McCallon expressed concern over the lack of mitigation by the California High-Speed Rail Authority, as the lead agency to address the air pollution impacts and the additional traffic congestion for the proposed Colton intermodal rail facility will have on San Bernardino County. For additional details, please refer to Webcast beginning at 1:11:52.

Angelo Logan, Moving Forward Network; Chris Chavez, Coalition for Clean Air; Jessie Parks, Sierra Club; and Mark Lopez, expressed concern over the public health impacts from diesel particulate matter from potential new rail yard emissions on adjacent environmental justice communities. They requested an expedited rulemaking process for both new and existing railyards. Mr. Logan expressed the need to include expanded rail yards and any maintenance yards associated with new intermodal facilities as applicable facilities under the new railyard ISR. Mr. Parks expressed the need for 100 percent zero-emission (ZE) operations in all applicable facilities. Mr. Chavez emphasized that South Coast AQMD staff should continue to engage with the local communities, including their AB 617 Community Steering

Committees, for the respective Community Emission Reduction Plan implementation. For additional details, please refer to the <u>Webcast</u> beginning at 1:15:05.

Supervisor Kuehl inquired about the possibility of the potential Rail Yard ISR requiring ZE infrastructure in the immediate term and using a phase-in approach for an additional requirement of ZE equipment, as it becomes more readily available. Ian MacMillan, Assistant Deputy Executive Officer/Planning, Rule Development and Implementation, responded that staff is expecting the potential Rail Yard ISR to consist of some phase-in component to provide flexibility, and acknowledged the importance of addressing infrastructure needs when developing a rule concept. For additional details, please refer to Webcast beginning at 1:25:23.

Chair Kracov inquired about the federal component to the proposed Colton intermodal facility and emphasized the importance of staff engagement in any federal conformity determination. Dr. Shen confirmed that the Colton site is a federal project and shall be subject to both CEQA and NEPA requirements. Wayne Nastri, Executive Officer added that the South Coast AQMD has continued engagement with San Bernardino County Transportation Authority and Southern California Association of Governments, and the three agencies are collectively working together on federal conformity. For additional details, please refer to Webcast beginning at 1:28:12.

3. Discussion regarding Multiple Air Toxics Exposure Study (MATES)

Dr. Rees provided an update and overview on the development of MATES and the timing of the next study.

Mayor McCallon noted the rapid advancement of technology, the gap of 6-8 years in between MATES studies, and expressed the need to get results sooner. For additional details, please refer to Webcast beginning at 1:35:00.

Sarah Wiltfong, Bizfed, commented that the Board should consider conducting MATES studies every three years. This would better reflect on-going emission reductions, as a result of the implementation of new rules for on-road mobile sources and starting the next MATES study after the completion of the 2022 AQMP. For additional details, please refer to Webcast beginning 1:36:20.

WRITTEN REPORTS:

4. STMPR Advisory Group Minutes

This item was received and filed.

5. Rule 2305 Implementation Status Report: Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program

This item was received and filed.

6. Rule 2202 Activity Report: Rule 2202 Summary Status Report

This item was received and filed.

7. Monthly Report on Environmental Justice Initiatives: CEQA Document Commenting Update

This item was received and filed.

OTHER MATTERS:

8. Other Business

There was no other business to report.

9. Public Comment Period

There was no public comment.

10. Next Meeting Date

The next regular Mobile Source Committee meeting is scheduled for Friday, May 20, 2022.

Adjournment

The meeting adjourned at 10:40 a.m.

Attachments

- 1. Attendance Record
- 2. STMPR Advisory Group Minutes
- 3. Rule 2305 Implementation Status Report
- 4. Rule 2202 Activity Report Written Report
- 5. 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 – April 15, 2022

Board Member Gideon Kracov	South Coast AQMD Board Member
Supervisor Sheila Kuehl	~
Mayor Pro Tem Larry McCallon	
Supervisor V. Manuel Perez	
Council Member Nithya Raman	
Council Memori Marya Raman	South Coust HQND Board Memoer
Guillermo Gonzalez	Roard Consultant (Perez)
Jackson Guze	· · · · · · · · · · · · · · · · · · ·
Ron Ketcham	` /
Loraine Lundquist	` ,
Debra Mendelsohn	
	` ,
Josh Nuni	· · · · · · · · · · · · · · · · · · ·
Mark Taylor	
Ross Zelen	Board Consultant (Kracov)
M 1 A1	H 1 D ' C '1
Mark Abramowitz	
Jeremy Avise	
Chris Chavez	
Curtis Coleman	
Ramine Cromartie	
Thomas Jelenic	
Bill La Marr	
Angelo Logan	
Mark Lopez	Public Member
Dan McGivney	So Cal Gas
Peter Okurowski	Public Member
Jessie Parks	Sierra Club
David Rothbart	LACSD
Patty Senecal	Western States Petroleum Association
Sarah Wiltfong	
Jason Aspell	South Coast AQMD Staff
Barbara Baird	
Rachel Ballon	
Cindy Bustillos	-
Brian Choe	
Ranil Dhammapala	-
Scott Epstein	•
Bayron Gilchrist	
Sheri Hanizavareh	
Anissa Heard-Johnson	~
Mark Henninger	-
Aaron Katzenstein	South Coast AQIVID Stall

Angela Kim	South Coast AQMD Staff
Jason Low	
Ian MacMillan	South Coast AQMD Staff
Karin Manwaring	South Coast AQMD Staff
Matt Miyasato	
Susan Nakamura	South Coast AQMD Staff
Wayne Nastri	
Sarah Rees	
Zafiro Sanchez	South Coast AQMD Staff
William Senga	South Coast AQMD Staff
Elaine Shen	South Coast AQMD Staff
Marc Carreras Sospedra	South Coast AQMD Staff
Lijin Sun	South Coast AQMD Staff
Lisa Tanaka O'Malley	South Coast AQMD Staff
Anthony Tang	South Coast AQMD Staff
Vicki White	South Coast AQMD Staff
Paul Wright	South Coast AQMD Staff
Victor Yip	South Coast AQMD Staff



SCIENTIFIC, TECHNICAL & MODELING PEER REVIEW GROUP MEETING MINUTES

Thursday, August 20, 2020 10:00 am

1. Welcome and Introduction

Notice having been duly given, the Scientific, Technical, Modeling, and Peer Review Advisory Group Meeting was conducted remotely via video conferencing and telephone. Zorik Pirveysian and Sarah Rees welcomed all attendees to the meeting.

2. Updates on Modeling Framework and Emissions Inventory

Sang-Mi Lee presented this item. The presentation is available online at: http://www.aqmd.gov/docs/default-source/GB-Committees/stmpr-presentation-081320 pmf sl-rm.pdf?sfvrsn=12

Pablo Saide Peralta wondered why staff used CMAQ v5.0.2 instead of CMAQ v5.3. Sang-Mi Lee noted that this was to maintain consistency with the 2016 AQMP. She also said that staff is testing a new CMAQ version that will be used for the 2022 AQMP. Ralph Morris reiterated Pablo Saide Peralta's comments and inquired why MEGAN3 was used.

Sang-Mi Lee responded that staff is testing MEGAN3.1 and that work was underway before the final version of the model was released.

Ralph Morris stated that soil NOx emissions are much greater in MEGAN3.1.

John Cho asked the comparison of EMFAC2017 vs. EMFAC2014.

Sang-Mi Lee responded that the largest difference in NOx emissions is driven by truck emission factors.

Tom Williams asked whether presentation slides will be made available. He also noted that the scale on a graph was changed.

Sang-Mi Lee noted that the presentation was posted online in advance.

Lakshmi Jayaram inquired regarding the 50% decrease in heavy duty vehicle NOx emissions in 2023.

Sang-Mi Lee responded that the difference is driven by EMFAC2017 compared to the EMFAC2014 which was used in the 2016 AQMP emissions inventory, as well as additional regulations that are phasing in to reduce NOx emissions from trucks. Upcoming regulations will result in further reductions.

Zorik Pirveysian responded that the Truck and Bus Regulation has a major impact on the category.

Mark Abramowitz inquired why state standards were omitted from the presentation.

Sang-Mi Lee responded that the Plan is specifically addressing the federal standard.

Mark Abramowitz requested how and in which AQMP state standards are addressed.

Staff responded that it would be addressed in the 2022 AQMP, but there is no available state guidance how to address the standards.

3. 2006 24-hour PM2.5 NAAOS Attainment Demonstration for the South Coast Air Basin

Sang-Mi Lee presented this item. The presentation is available online at: http://www.aqmd.gov/docs/default-source/GB-Committees/stmpr-presentation-081320 pmf sl-rm.pdf?sfvrsn=12

Pablo Saide Peralta inquired about the emissions used in the model and whether model performance improved compared to the 2016 AQMP.

Sang-Mi Lee responded that the inventory was described in the previous presentation but provided a brief description. In comparison to the 2016 AQMP, the model performed similarly, but the measurements are only representative of certain points.

Jeremy Avise responded that the base years differed, so performance evaluation comparisons are not meaningful.

Pablo Saide Peralta speculated that wood burning drove the exceedances in Compton and asked whether staff would approach CARB for additional regulations of this sector.

Sang-Mi Lee responded that 2017 was an anomaly. Because the event has not recurred, it would not be realistic to take a regulatory action for an episodic and anomalous episode that has not been recurred.

Zorik Pirveysian noted that the Compton site is in a publicly accessible area and there may have been some event nearby that caused the anomaly, but there is no additional information to determine what happened in that site.

Mark Abramowitz noted that the Basin was re-designated to severe non-attainment for PM2.5 standards due to drought. He inquired if meteorological modeling has been revised to better reflect drought and climate change.

Sang-Mi Lee clarified that EPA's guidance require the meteorology for future attainment year to be the same as base year, therefore limited information on meteorological variability is accounted for in an attainment demonstration.

Lakshmi Jayaram inquired regarding the performance evaluation for Compton and Mira Loma.

Sang-Mi Lee noted that these would be included in the staff report. However, Mira Loma is more difficult to model due to transport and chemical transformations. In general, model performance is comparable.

4. 1997 8-hour Ozone Attainment Demonstration for the Coachella Valley

Marc Carreras Sospedra presented this item. The presentation is available online at: http://www.aqmd.gov/docs/default-source/GB-Committees/stmpr-presentation-081320 pmf_sl-rm.pdf?sfvrsn=12

Pablo Saide Peralta inquired regarding the boundary conditions used in the model. Marc Carreras Sospedra stated that MOZART, a global scale chemical transport model, was used to generate the boundary conditions.

SCIENTIFIC, TECHNICAL & MODELING PEER REVIEW GROUP MEETING MINUTES

Wednesday, January 27, 2021 2:00 pm

1. Welcome and Introduction

Zorik Pirveysian, Manager of Planning and Rules, welcomed attendees and introduced the topics of the meeting. The meeting was conducted virtually via zoom.

2. Air Quality Trends in the Basin and Design Values

Dr. Sang-Mi Lee, Program Supervisor, presented a summary of the ozone trends in the basin and the changes in design value since the 2016 Air Quality Management Plan.

Ralph Morris, from RAMBOLL, asked about wildfires as exceptional events and whether they are considered in the calculation of design values (DV). Sang-Mi Lee responded that wildfires generally do not contribute to setting O3 DV. But they are important for PM and these events are excluded.

3. Estimating Biogenic Emissions in the South Coast Air Basin

Dr. Eric Praske presented a summary of the work conducted to improve biogenic emissions used in modeling simulations employed in ozone attainment demonstrations.

Dr. Gabriele Pfister asked how the biogenic inventory is evaluated against measurements. Sang-Mi Lee responded that PAMS can be used, but these are limited. Only a few stations are available, and they are temporally limited. South Coast AQMD has a contract with UC Berkeley that will seek to use airborne flux measurements to evaluate the inventory.

Ralph Morris asked about the soil NOx processor and noted the substantial increases with respect to earlier versions of biogenic emissions models. Eric Praske responded that biogenic NOx emissions increased by about a factor of 5 and that sensitivity simulations were conducted in CMAQ and O3 DV increased by 3-4 ppb.

4. Ozone Sensitivity to Meteorological Factors and Emission Changes – a case study with the COVID-19 Shelter-in-Place period

Dr. Sang-Mi Lee presented a summary of the work conducted by South Coast AQMD staff to evaluate the effects of COVID on emissions and air quality, and sensitivity studies that analyzed the potential factors that led to changes in ozone concentrations in spring of 2020.

Ralph Morris noted that an isopleth plot seemed to indicate that NOx decreased by 20% in the COVID simulation, but VOC increased slightly. Sang-Mi Lee replied that that may be a small mistake in the slide. Sang-Mi Lee also stressed that most of the ozone change was driven by meteorology.

Ralph Morris noted that 2019 to 2020 comparisons are not equivalent due to significant differences in meteorology. Sang-Mi Lee responded that this was intentional just to isolate meteorology effect. Analysis of 2018 was also included as the meteorological conditions were in between 2019 and 2020.

Gabrielle Pfister noted that the diurnal cycle of emissions may have changed due to COVID and affected weekday/weekend profiles and asked if that was considered in the simulations. Sang-Mi Lee replied that simulations used standard weekday/weekend profiles. Light and heavy duty exhibit distinctive patterns. PeMS data was utilized to temporally and spatially allocate traffic changes. COVID simulations could be enhanced by retrieving 2020 PeMS data to account for the perturbation of diurnal cycles due to COVID.

Dr. Pablo Saide, from UCLA, noted that the large reductions of precursor emissions due to COVID did not decrease O3 concentrations significantly and asked what this could portend for the future. Sang-Mi Lee noted that based on isopleth analysis, and substantial NOx reduction are required to reach to attainment of the ozone standards. We still experience NOx disbenefit as demonstrated in the COVID period, but based on simulations, further reductions in NOx are needed to get past the NOx disbenefits regime and start seeing the benefits of NOX reductions on ozone.

Peter Okurowski (Association of American Railroads) noted that 2020 O3 DV is much higher than would be suggested by O3 isopleth plots. Sang-Mi Lee responded that model prediction is never 100% accurate and has biases as the result of uncertainties. The isopleths are based on the 2016 AQMP DV for 2012, so the projected DV for 2020 are lower than what observations show. Once the modeling set-up for the 2022 AQMP has undergone full range of updates for the simulation period, new isopleths plots will be generated that should be consistent with 2018 design values.

Tim Pohle (A4A) inquired regarding the NOx dominant strategy which requires 2/3 reduction in NOx. He believes that reducing VOC emissions by the same percentage will yield similar O3 levels. He asked if a cost benefit analysis has been performed to determine whether a NOx-based control should be favored over a VOC-based control. He pointed out that even a major economic collapse that reduced NOx emissions substantially barley moved the needle towards O3 attainment. Sang-Mi Lee noted that isopleth changes depending on location. For some stations, VOC reductions alone will not yield attainment. The ozone standard must be attained at all stations in the Basin and the only way to attain the ozone standard in all stations is with a NOx-based strategy.

Tim Pohle wondered if formal publication on the methodology and data would be made available. Sang-Mi Lee said that staff would explore which write up format would make the most sense. She also noted that many other groups are exploring COVID impact and there are already publications on the matter. Zorik Pirveysian added that previous AQMP included isopleths for all stations and that NOx control path is the only one that would work for the entire Basin.

5. Net Emissions Analysis Tool (NEAT)

Dr. Marc Carreras Sospedra presented a summary of the Net Emissions Analysis Tool (NEAT) and discussed the status of the tool with respect to testing and stakeholders' feedback.

Lakshmi Jayaram (Ramboll) encouraged staff to review input data to represent current conditions. In particular, she noted that appliance purchase and installation costs can have significant impact on cost benefit analysis. Also, requested to present the inputs to the working groups before AQMP advisory group. Sang-Mi Lee said staff is sharing relevant data with Ramboll. NEAT development began 4 years ago. Input data was discussed through an open public process. Noted that input data may require revision as significant differences arise. She clarified that NEAT uses would always be discussed at STMPR before the full AQMP advisory group. Zorik Pirveysian noted extensive process that was required to develop NEAT and that process of updating and using the inputs in NEAT will continue to be transparent.

6. Conclusion

No additional public comments were made. Sang-Mi Lee announced that the date for the next STMPR meeting is not set, but the meeting will focus on emissions inventory.

Meeting was adjourned at 4 pm.

Members Present (8)

David Rothbart, Southern California Alliance of Publicly Owned Treatment Works (SCAP)

Gabriele Pfister, National Center for Atmospheric Research

Greg Osterman, Jet Propulsion Laboratory/NASA

Jeremy Avise, California Air Resources Board (CARB)

John Cho, Southern California Association of Governments (SCAG)

Pablo Saide Peralta, University of California, Los Angeles

Ralph Morris, ENVIRON International Corporation

Ramine Cromartie, Western States Petroleum Association (WSPA)

Public Attendees and Interested Parties (30)

Akshay Ashokm, Ramboll

Benjamin Leers

Bill LaMarr

Carol Bohnenkamp, Environmental Protection Agency (EPA)

Chenxia Cai, California Air Resource Board (CARB)

Dan McGivney, Southern California Gas (SoCalGas)

Don Collins, University of California, Riverside

Erin Berger, Southern California Gas (SoCalGas)

Frances Keeler, California Council for Environmental and Economic Balance (CCEEB)

Haley Grassi, Ramboll

Horacio Werner

Ji Luo, University of California, Riverside

Jin Lu, California Air Resource Board (CARB)

John Ungvarsky, Environmental Protection Agency (EPA)

Julia Lester, Ramboll

Lakshmi Jayaram, Ramboll

Leonardo Ramirez, California Air Resource Board (CARB)

Mark Abramowitz, Community Environmental Services, Inc. (CES)

Matt Darr, Waste Management.

Mike Tunnell, Trucking

Patty Senecal, Western State Petroleum Association (WSPA)

Peter Okurowski, Association of American Railroads (AAR)

Priscilla Hamilton, Southern California Gas (SoCalGas)

Scott King, California Air Resource Board (CARB)

Scott Weaver, Ramboll

Teja Ganapa, Los Angeles Department of Water and Power (LADWP)/University of Southern California

Thomas Jelenić, Pacific Merchant Shipping Association (PMSA)

Tim French, Chicago Law Partners, LLC

Tim Pohle, Airlines for America

William Porter, University of California, Riverside (UCR)

South Coast AQMD Staff Present (14)

Anthony Tang, Information Technology Supervisor

Cui Ge, Air Quality Specialist

Eric Praske, Air Quality Specialist

Jong Hoon Lee, Air Quality Specialist

Kalam Cheung, Program Supervisor

Marc Carreras Sospedra, Air Quality Specialist

Paul Wright, Sr. Information Technology Specialist

Rosalee Mason, Secretary

Rui Zhang, Air Quality Specialist

Ryan Finseth, Air Quality Specialist

Sang-Mi Lee, Program Supervisor

Scott Epstein, Program Supervisor

Xinqiu Zhang, Senior Staff Specialist

Zorik Pirveysian, Planning and Rules Manager

SCIENTIFIC, TECHNICAL & MODELING PEER REVIEW GROUP MEETING MINUTES

Friday, August 19, 2021 3:00 pm

1. Welcome and Introduction

Sarah Rees, Deputy Executive Officer, welcomed advisory group members and members of the public. The meeting was conducted virtually via zoom.

2. CMAQ Modeling Performance Evaluation

Sang-Mi Lee presented the model performance evaluation (MPE) of the air quality model predictions against measurements taken during 2018.

Pablo Saide asked about nighttime planetary boundary layer (PBL) underprediction and whether it could be related to the urban canopy heat flux. He wondered whether the underprediction of PM2.5 during the summer was due to the exclusion of wildfires.

Sang-Mi Lee responded that it is difficult to compare quantitatively the PBL height measured by ceilometer with the height determined by temperature profiles. Ceilometers require accurate measurements of rapid changes in moisture. Staff may look into excluding wildfire days from the MPE.

Ralph Morris noted that it is useful to compare individual PM species, as opposed to total PM, and this would help guide summer MPE.

Sang-Mi Lee commented that those plots can be presented at the next meeting if there is enough interest, but this presentation was focused on O3.

3. Meteorological Factors and Trends Contributing to Air Quality in South Coast Air Basin

Cesunica (Sunni) Ivey and Armistead (Ted) Russell presented the impact of meteorological factors on high ozone episodes in the South Coast Air Basin.

Kelley Barsanti requested a more thorough explanation of the meteorological and emissions impact.

Sunni Ivey explained that emissions were held constant at 1990 levels and the model was run with corresponding meteorology for each year, while subtracting the 1990 baseline. Ted Russell

clarified that the 30 highest ozone days per year (i.e., 30 days x 30 years = 900 total days) were used for the 4th highest ozone plots. This is because designing a statistical model based only on 30 days would be challenging.

Kelley Barsanti asked about VOC reductions in reduced emissions case.

Sunni Ivey explained that emissions scaling factors for VOCs were based on energy policy.

Ralph Morris asked about the status of the final report. He also noted that the design site is moving westward.

Sunni Ivey explained that all modeling was done at Crestline and the final report is forthcoming.

Ramine Cromartie inquired regarding the choice of Crestline for modeling.

Sunni Ivey responded that Crestline has historically been the most frequent design site. Sang-Mi Lee noted that Crestline has returned as the design site for the 2022 AQMP.

Ramine Cromartie requested an explanation regarding the RCP 4.5 base versus the reduced emissions scenario.

Sang-Mi Lee clarified that RCP 4.5 meteorology is based on greenhouse gas concentration projections. The RCP4.5 meteorology is completely independent of the modeling emissions.

Chadwick Collins inquired regarding an odd dip observed in 2014. He wondered whether the baseline accounted for wildfires of if wildfires are based on prediction.

Sunni Ivey responded that the 2014 dip was driven by observations and was within normal variability. The projections use emissions from the CARB emissions almanac, which does not account for anomalous wildfires.

4. Meteorological Impact on Ozone Air Quality using CMAQ modeling system

Sang-Mi Lee presented CMAQ-WRF modelling results regarding the impact of meteorological factors on high ozone episodes in the South Coast Air Basin.

Lakshmi Jayaram noted that, despite significant fluctuations in ozone in response to meteorology, only a single year (2018) of meteorology is used for SIP modeling. How does the expected 8-9 ppb of ozone fluctuation due to meteorology factor into attainment demonstration?

Sang-Mi Lee responded that 2018 was a typical year for meteorology. There are other uncertainties, including biogenic VOCs, trans-Pacific pollution, and background ozone that need to be factored in if trying to account for interannual variability.

Lakshmi Jayaram requested an estimate of the magnitude of the other uncertainties.

Sang-Mi Lee responded that this could be considered as a topic of discussion for future meetings.

Members Present (6)

Greg Osterman, Jet Propulsion Laboratory/NASA

Jeremy Avise, California Air Resources Board (CARB)

Kelley C Barsanti, University of California, Riverside

Pablo Saide Peralta, University of California, Los Angeles

Ralph Morris, ENVIRON International Corporation

Ramine Cromartie, Western States Petroleum Association (WSPA)

Public Attendees and Interested Parties (35)

Abas Goodarzi, US Hybrid

Adrian Martinez, Earthjustice

Ali Ghasemi, Ventura County Air Pollution Control District (VCAPCD)

Ariel Fideldy, California Air Resource Board (CARB)

Armistead (Ted) Russell (ar70)

Austin Hicks (he/him), California Air Resource Board (CARB)

Ben Cacatian

Bertrand Gasot, Mojave Desert AQMD

Bill LaMarr, California Small Business Alliance

Chadwick Collins, Kellen Company

Chenxia Cai, California Air Resources Board (CARB)

Dan McGivney, Southern California Gas (SoCalGas)

Duane Baker, San Bernardino County Transportation Authority (SBCTA)

Fernando Gaytan (he/him), Earthjustice

Jason Henderson, California Council for Environmental and Economic Balance (CCEEB)

Jin Lu, California Air Resource Board (CARB)

John Henkelman, Ventura County Air Pollution Control District (VCAPCD)

John Ungvarsky, Environmental Protection Agency (EPA)

Julia Lester, Ramboll

Ken Davidson, Environmental Protection Agency (EPA)

Kim Fuentes, South Bay Cities

Kris Flaig, City of Los Angeles

Lakshmi Jayaram, Ramboll

Leonardo Ramirez, California Air Resource Board (CARB)

Lisa Wunder, Port of Los Angeles

Mark Abramowitz, Community Environmental Services, Inc. (CES)

Peter Evangelakis, REMI

Peter Okurowski, Association of American Railroads (AAR)

Resa Barillas, California Environmental Voters

Rynda Kay, Environmental Protection Agency (EPA Region IX)

Sal totonexus7@gmail.com

Scott King, California Air Resource Board (CARB)

Scott Weaver, Ramboll

Sunni Ivey, University of California, Berkeley

Tyler Harris, Ventura County Air Pollution Control District (VC APCD

South Coast AQMD Staff Present (22)

Anthony Tang, Information Technology Supervisor

Barbara Baird, Chief Deputy Counsel

Brian Vlasich, Air Quality Specialist

Carol Gomez, Planning and Rules Manager

Cui Ge, Air Quality Specialist

Daphne Hsu, Principal Deputy District Counsel

Eric Praske, Air Quality Specialist

Ian MacMillan, Planning Rules Manager

Kalam Cheung, Program Supervisor

Kathryn Roberts, Deputy District Counsel

Marc Carreras Sospedra, Air Quality Specialist

Nydia Ibarra, Public Affairs Specialist

Paul Stroik, Air Quality Specialist

Paul Wright, Sr. Information Technology Specialist

Ricky Lai, Air Quality Specialist

Rui Zhang, Air Quality Specialist

Sang-Mi Lee, Program Supervisor

Scott Epstein, Program Supervisor

Shah Dabirian, Program Supervisor

Wei Li, Air Quality Specialist

Xinqiu Zhang, Senior Staff Specialist

Zorik Pirveysian, Planning and Rules Manager

SCIENTIFIC, TECHNICAL & MODELING PEER REVIEW MEETING MINUTES

Thursday, November 4, 2021 2:30 pm

1. Welcome and Introduction

Ian MacMillan, Assistant Deputy Executive Officer, welcomed attendees and introduced the topics of the meeting. The meeting was conducted virtually via zoom.

2. Spatial and Temporal Allocation of Emissions from On-Road Mobile, Ocean Going Vessels and Aircraft

Eric Praske presented new approaches to spatially and temporally distribute emissions from onroad mobile sources, ocean going vessels (OGV), and aircraft.

Pablo Saide wondered whether the OGV spatial surrogates were based on average values or whether they were based on day-specific data.

Eric Praske responded that day-specific allocation factors based on Automatic Identification System (AIS) were explored, but the approach was abandoned due to noisy and incomplete AIS data. An annual average profile was used instead.

Pablo Saide wondered whether the on-road mobile temporal surrogates are specific to each day or if they also follow an annual average weekday profile.

Eric Praske responded that on-road mobile surrogates account for daily variation, which is especially important when holidays fall on different days of the week. Sang-Mi Lee clarified that there are 8,740 different weighting factors for the on-road mobile temporal allocation.

David Pettit asked if the OGV emission plot can be interpreted to mean that there is no emission over land.

Eric Praske responded that OGV emissions are exclusively allocated over the ocean and ports. Sang-Mi Lee clarified that emission categories such as recreational boats and harbor craft, which have emissions adjacent to the ports and inland rivers, have emissions quantified in the SIP inventory, but those are separate to the OGV emissions shown here.

3. Ozone Isopleths and Preliminary Carrying Capacity Estimates

Sang-Mi Lee presented ozone isopleths and preliminary carrying capacity estimates for attainment of the 2015 70 ppb ozone NAAQS.

Kelley Barsanti asked if the ozone sensitivity toward temperature was explored.

Sang-Mi Lee responded that meteorology is critical, especially for evaporative and biogenic emissions. However, staff are required to follow EPA's official modeling guidance for attainment demonstrations. The current demonstration will employ 2018 meteorology, but staff have independently investigated the role of meteorology using reanalysis data and climate projections. The findings from this study will be discussed as weight of evidence in the attainment demonstration.

Ralph Morris asked if staff developed revised carrying capacities for attainment milestone years, including 2023 and 2031.

Sang-Mi Lee responded that staff did not have the opportunity to assess 2023 or 2031 carrying capacities, as all efforts have been focused on the 70 ppb ozone National Ambient Air Quality Standard (NAAQS).

Ralph Morris noted that the ozone isopleths are not consistent with previous AQMPs. For example, the 2022 AQMP baseline is 224 tons per day (tpd) NOx while the projected emissions to attain standards for 2023 and 2031 in the 2016 AQMP were less than 150 tpd.

Sang-Mi Lee acknowledged this point and discussed the importance of boundary values as adjacent counties do not have as aggressive controls as compared to counties within South Coast AQMD's jurisdiction. Also, carrying capacity is derived from category-specific controls, which require more time to develop.

Ian MacMillan acknowledged that the baseline emissions will not achieve the standard and this is a topic of concern that has garnered attention from the South Coast AQMD Governing Board and CARB. Nevertheless, the 2022 AQMP is focused on 2037 in the context of attaining the 2015 ozone NAAQS.

Ralph Morris maintains that there should be greater confidence in near-term projections compared to those for an attainment year that is nearly 20 years away. The carrying capacities will likely change due to climate change.

Mark Abramowitz inquired regarding the NOx disbenefit near downtown Los Angeles. The disbenefit was mentioned in the 2016 AQMP and he wondered whether this continues to be the case. He also asked about carrying capacity estimates for the 1-hour ozone NAAQS and state standards.

Sang-Mi Lee confirmed that the NOx disbenefit will continue to be the case in Los Angeles until sufficient NOx reductions are achieved to overcome the disbenefit zone. The South Coast AQMD is focused on the 2015 NAAQS with a 2037 attainment year and is not considering the 1-hour ozone NAAQS. Further analysis is required to confirm whether attaining the federal standard will also result in attaining the state standard, but the state standard is more stringent, so this is uncertain.

Adrian Martinez asked about weight of evidence and how climate change is considered. He did not believe that the South Coast AQMD had a plan for state standards and noted that no attainment demonstration exists for the 1-hour ozone NAAQS, which is due in 2022.

Sang-Mi Lee responded that climate change is challenging to address, but staff is obligated to follow EPA's modeling guidance. Climate change is one source of uncertainty in modeling, but other meteorological parameters (e.g., ventilation and precipitation) also contain uncertainty. It is difficult to account for these natural fluctuations. Additionally, there is uncertainty in background ozone, but recent trends suggest it is decreasing. The weight of evidence discussion will seek to analyze these sources of uncertainty.

Ian MacMillan acknowledged the importance of other NAAQS and state standards and that further deliberation is required to determine how the District will proceed to attain these standards.

4. South Coast AQMD Socioeconomic Impact Assessments and Scope of 2022 AQMP Socioeconomic Report

Dr. Shah Dabirian, Program Supervisor in the Socioeconomic Unit of South Coast AQMD presented a brief summary of the history and evolution of the South Coast AQMD socioeconomic assessment. He stated that the forthcoming socioeconomic report in the 2022 AQMP will quantify the incremental costs/savings of control measures to achieve the 2015 8-hour ozone standard by 2037, as well as subsequent regional benefits from air quality improvements and regional macroeconomic impacts (jobs and competitiveness).

Dr. Dabirian stated that the scope of early socioeconomic assessments were limited to the identification of affected facilities, compliance cost, and cost-effectiveness. Later, the 1989 Board Resolution required health impact assessments. In 1990, Senate Bill (SB) 1928 required an analysis of employment impacts due to proposed regulations and their California Environmental Quality Act (CEQA) alternatives. Since then, job impacts have been a factor in selecting the best alternative among different rule proposals.

Dr. Dabirian noted SB 1928 required an independent evaluation of South Coast AQMD's socioeconomic assessment. In 1991, a team from the Massachusetts Institute of Technology (hereafter MIT) was hired to conduct an audit of the assessments and offered a set of recommendations including the following: improve health and visibility assessments; conduct industry case studies; expand REMI model to sub-county areas; conduct cost and benefit analysis at the sub-county level; and establish a technical advisory group to review the analyses and make recommendations to ensure the continued accuracy and reliability of South Coast AQMD's economic assessments. Accordingly, improvements were made in subsequent AQMPs.

Upon the adoption of the 2012 AQMP, the Board passed a resolution calling for another review of the socioeconomic analysis to update and improve current assessments. Abt Associates was contracted to develop a set of recommendations, which were implemented during the development of 2016 AQMP in areas of cost-effectiveness estimates, environmental justice analysis, analysis of health, visibility, and agricultural and material benefits, and the resolution of industry impacts.

Dr. Dabirian finally noted that as part of future improvements in the 2022 AQMP, staff is planning to use a newly developed module in REMI called Socioeconomic Indicators (SEI) to expand job impact analyses by race, gender and income status.

Dr. Ryan Finseth and Dr. Paul Stroik briefly presented the scope of the 2022 AQMP Socioeconomic Report. Dr. Finseth outlined the first three chapters of the Socioeconomic Report:

Chapter 1 contains an introductory discussion on the historical air quality trends, regional economic growth, updated baseline for the analysis, and the evolution of the socioeconomic analysis; Chapter 2 covers the compliance cost resulting from control measures and any potential cost savings resulting from proposed requirements; Chapter 3 will discuss public health and other benefits associated with the 2022 AQMP.

Dr. Stroik explained chapters four and five will present macroeconomic impacts of 2022 AQMP implementation, including the racial and gender distribution of job impacts and competitiveness impacts by sector, whereas Chapter 6 will cover an environmental justice (EJ) analysis from a socioeconomic lens and a distributional analysis quantified health benefits and valuation for EJ and non-EJ areas. Dr. Stroik noted that the 2016 AQMP Socioeconomic Report used inequality indices that assessed inter- and intra-area changes in health-risk inequality. There were concerns about the accessibility of this messaging to the public, and staff is seeking STMPR input on whether to retain this analysis for the forthcoming AQMP.

Dr. Stroik noted Chapter 7 of the 2022 AQMP Socioeconomic Report will discuss CEQA alternatives to proposed AQMP provisions and Chapter 8 will conclude. He concluded the presentation with a proposed timeline for the 2022 AQMP and the dates for the availability of drafts leading up to the Final 2022 AQMP.

Comments/Questions from STMPR Advisory Group and Staff Response

- Ken Davidson, U.S. EPA Region 9, commented that an updated review of the recent health effects literature would be beneficial and suggested that the spatial data used should be collected at the finest spatial scale feasible.
 - Dr. Dabirian responded that staff will work with an outside expert consultant to update, where applicable, the parameters pertaining to the health benefits estimates of the 2016 AQMP, including the concentration-response functions, endpoints valuation, and value of statistical life (VSL) and cost-of-illness (COI) estimates adjusted for income growth based on the income elasticity. Mr. MacMillan invited the STMPR to provide any suggestions and literature in line with Mr. Davidson's comment.
- Dr. Peter Evangelakis, REMI, noted that REMI's SEI module encompasses the distributional job impacts broken down by race, gender, income, and by educational attainment, as well as salaries and compensations. He noted the model evaluates labor force participation by race, ethnicity, and gender along with the spatial distribution impacts.

Members Present (12)

Anthony Oliver, Senior Economist, California Air Resources Board

Greg Osterman, Jet Propulsion Laboratories

Gabrielle Pfister, Atmospheric Chemistry Observations & Modeling Lab/National Center for

Atmospheric Research in Boulder, CO

Jeremy Avis, Chief of Modeling & Meteorology, California Air Resources Board

Ken Davidson, Protection Agency

Peter Evangelakis, Vice President, REMI, Inc.

Ralph Morris, Principal, Ramboll

Pablo Saide, Faculty, UC Los Angeles, Dept. of Atmospheric Sciences

Gloria Gonzales, Professor of Economics, UC Riverside

Rynda Kay, U. S. Environmental Protection Agency, Region IX

Steve Levy, Center for Continuing Study of the California Economy (CCSCE)

Kelly Barsanti, Chemical & Environmental Engineer, Ce-CERT/UC Riverside

Public Attendees and Interested Parties (43)

Abas Goodarzi, US Hybrid

Adrian Martinez, Earthjustice

Ali Ghasemi, Ventura County Air Pollution Control District (VCAPCD)

Annaleigh Ekman, Southern California Associate of Government (SCAG)

Ariel Fideldy, California Air Resource Board (CARB)

Austin Hicks (He/His), California Air Resource Board (CARB)

Ben Ellenberger, Ashworth Leininger Group (ALG)

Benjamin Leers, Environmental Protection Agency (EPA)

Bertrand Gasott, Mojave Desert AQMD

Bridget McCann, Chevron

Carol Kaufman, Metropolitan Water District (MWD)

Carrie Brown, Household & Commercial Products Association (HCPA)

David Pettit, Natural Resources Defense Council, Inc. (NRDC)

Duane Baker, San Bernardino County Transportation Authority (SBCTA)

Dylan Ramey, Niagara Water

Erin Berger, Southern California Gas (SoCal Gas)

Giles Pettifor, Port of Hueneme

Janet Whittick, California Council for Environmental and Economic Balance (CCEEB)

Jin Lu, California Air Resource Board (CARB)

Joe Gagliano, Air Production

John Henkelman, Ventura County Air Pollution Control District (VCAPCD)

John Ungvarsky, Environmental Protection Agency (EPA)

Karen Bishop, Kellen Company

Kelley C Barsanti, University of California, Riverside (UCR)

Lakshmi Jayaram, Ramboll

Leonardo Ramirez, California Air Resource Board (CARB)

Mana Sangkapichai, Southern California Associate of Government (SCAG)

Mark Abramowitz, Community Environmental Services, Inc. (CES)

Marshall Waller, Phillips 66

Meenakshi Rao, DEQ (she/her)

Michael Yee, Southern California Gas (SoCalGas)

N Berry

Pablo Saide Peralta, University of California Los Angeles

Phil Allen, Oregon Department of Environmental Quality (ODEQ)

Julia Lester, Ramboll

Ramine Cromartie, Western States Petroleum Association

Scott King, California Air Resource Board (CARB)

Scott Weaver, Ramboll

Thomas Jelenić, Pacific Merchant Shipping Association (PMSA)

Tim French, Chicago Law Partners, LLC

Tim Pohle, Airlines for America

Tony Oliver, California Air Resource Board (CARB)

Zorik Pirveysian

South Coast AQMD Staff Present (23)

Barbara Baird, Chief Deputy Counsel

Brian Vlasich, Air Quality Specialist

Cui Ge, Air Quality Specialist

Daphne Hsu, Principal Deputy District Counsel

Elaine Shen, Program Supervisor

Elham Baranizadeh, Air Quality Specialist

Eric Praske, Air Quality Specialist

Ian MacMillan, Deputy Executive Officer

Josephine Lee, Sr. Deputy District Counsel

Kathryn Roberts, Deputy District Counsel

Marc Carreras Sospedra, Air Quality Specialist

Paul Stroik, Air Quality Specialist

Paul Wright, Information Technology Specialist

Rachel Ballon, Secretary

Ricky Lai, Air Quality Specialist

Rui Zhang, Air Quality Specialist

Ryan Finseth, Air Quality Specialist

Sang-Mi Lee, Program Supervisor

Scott Epstein, Program Supervisor

Shah Dabirian, Program Supervisor

Wei Li, Air Quality Specialist

Veera Tyagi, Principal Deputy District Counsel

Xinqiu Zhang, Sr. Staff Specialist



Rule 2305 Implementation Status Report: Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program

March 1, 2022 to March 31, 2022

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)	90	990
Views of Compliance Training Videos (outside of webinars)	48	1,426
Emails Sent with Information About WAIRE Program Resources*	7,050	~18,550
Visits to www.aqmd.gov/waire	1,596	~11,100
Presentations to Stakeholders	13**	77

^{*}Including responses to media inquiries.

2. Highlights of Recent Compliance Activities

The WAIRE Program Compliance Team continued to expand and build the WAIRE Program Online Portal (POP) for the early Annual WAIRE Reports and Initial Site Information Reports. The early Annual WAIRE Report submittal due date was extended to April 29, 2022 to allow time to complete development of this WAIRE POP functionality. Warehouse operators who completed early actions from May 7, 2021 through December 31, 2021 are eligible to earn WAIRE Points prior to the initial compliance period by submitting an early Annual WAIRE Report. The WAIRE Program Implementation Team continued to develop the Initial Site Information Report tool within the WAIRE POP and assisted in outreaching to warehouse operators and owners on the requirements of Rule 2305.

Legislative & Public Affairs/Media Office and WAIRE Program Compliance Team staff conducted a webinar presentation on March 29, 2022 for the California Natural Gas Vehicle Partnership, hosted by Gladstein Neandross & Associates, with a focus on Rule 2305 compliance options and requirements. South Coast AQMD staff presented an overview of the WAIRE Program and provided information on key topics related to compliance including the different options to earn WAIRE Points, user calculator, reporting schedule, and potential overlap with other regulations and incentives. There were approximately 130 people participating in the webinar.

^{**}International Warehouse Logistics Association (IWLA), California Natural Gas Vehicle Partnership (CNGVP)/ Gladstein Neandross & Associates (GNA), Southern California, California Governor's Office of Business and Economic Development (GoBiz), City of Temecula, Temecula Chamber of Commerce, Wildomar Chamber of Commerce, City of Lake Elsinore

LPAM and WAIRE Program Compliance Team staff continued to conduct informational presentations to various groups and individuals to broaden outreach efforts and respond to WAIRE Program emails and hotline calls, including those related to the early Annual WAIRE Report submittal due date of April 29, 2022.

3. Anticipated Activity in April

- Continue outreach to Phase 1 warehouse operators to advise of Rule 2305 requirements, including tracking truck trips and earning WAIRE Points for the 2022 compliance period
- Continue to outreach to warehouse owners to update their Warehouse Operations Notification reports, as needed.
- Continue to analyze data submitted on the Warehouse Operations Notification reports.
- Continue to develop an approach for making WAIRE Program data publicly accessible via the online FIND database on the South Coast AQMD's website



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, 2022 - March 31, 2022

Employee Commute Reduction Progra	um (ECRP)
# of Submittals:	96

Emission Reduction Strategies (ERS)		
# of Submittals:	137	

Air Quality Investment Program (AQIP) Exclusively				
County	# of Facilities	\$ Amount		
Los Angeles	28	\$	45,842	
Orange	0	\$	0	
Riverside	0	\$	0	
San Bernardino	0	\$	0	
TOTAL:	28	\$	45,842	

ECRP w/AQIP Combination	n	
County	# of Facilities	\$ Amount
Los Angeles	1	\$ 24,213
Orange	0	\$ 0
Riverside	0	\$ 0
San Bernardino	0	\$ 0
TOTAL:	1	\$ 24,213

Total Active Sites as of March 31, 2022

EC	RP (AVR Surve	eys)	TOTAL			
ECRP ¹	AQIP ²	ERS ³	Submittals w/Surveys	AQIP	ERS	TOTAL
505	10	117	632	107	602	1,341
37.65%	0.75%	8.73%	47.13%	7.98%	44.89%	100%4

Total Peak Window Employees as of March 31, 2022

ECRP (AVR Surveys)			TOTAL			
ECRP ¹	AQIP ²	ERS ³	Submittals w/Surveys	AQIP	ERS	TOTAL
361,774	3,520	37,458	402,752	15,153	242,043	659,948
54.82%	0.53%	5.68%	61.03%	2.30%	36.68%	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.

DRAFT Att #5

BOARD MEETING DATE: May 6, 2022 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 March 1, 2022 and March 31, 2022, and those projects for which South Coast AQMD is acting as lead

agency pursuant to CEQA.

COMMITTEE: Mobile Source, April 15, 2022, Reviewed

RECOMMENDED ACTION:

Receive and file.

Wayne Nastri Executive Officer

SR:MK:MM:LS:MC

CEQA Document Receipt and Review Logs (Attachments A and B) – Each month, South Coast AQMD receives numerous CEQA documents from other public agencies on projects that could adversely affect air quality. A listing of all documents received during the reporting period March 1, 2022 to March 31, 2022 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 February reporting period is included as Attachment B. A total of 53 CEQA documents were received during this reporting period and 14 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.

In January 2006, 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 March 1, 2022 to March 31, 2022, South Coast AQMD received 53 CEQA documents. Of the 64 documents listed in Attachments A and B:

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

(The above statistics are from March 1, 2022 to March 31, 2022 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 March.

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

	Watch 1, 2022 to Watch 31, 2022			
SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
PROJECT TITLE Goods Movement LAC220310-01 Berth 191-194 (Ecocem) Low Carbon Cement Processing Facility#	The project consists of construction of a cement processing facility with an annual production capacity of 750,000 metric tons on 5.8 acres. The project is located at 100 Yacht Street near the southeast corner of Yacht Street and Canal Street within the Port of Los Angeles in the designated AB 617 Wilmington, Carson, West Long Beach community.	Notice of Preparation	City of Los Angeles Harbor Department	** Under review, may submit written comments
	Comment Period: 3/10/2022 - 4/11/2022 Public Hearing: 3/30/2022			
Warehouse & Distribution Centers RVC220301-07 Plot Plan No. 210022	The project consists of construction of two warehouses totaling 98,940 square feet on 9.8 acres. The project is located near the northwest corner of Perry Street and Seaton Avenue in the community of Mead Valley. Reference RVC210511-05	Notice of Intent to Adopt a Mitigated Negative Declaration	County of Riverside	Document reviewed - No comments sent for this document received
	Comment Period: 3/1/2022 - 3/21/2022 Public Hearing: 3/23/2022			
Warehouse & Distribution Centers RVC220302-02 MA22035	The project consists of construction of a 94,964 square foot warehouse on 4.58 acres. The project is located at 5510 28th Street near the southwest corner of 28th Street and Rubidoux Boulevard.	Site Plan	City of Jurupa Valley	Document reviewed - No comments sent for this document received
	Comment Period: 3/2/2022 - 3/16/2022 Public Hearing: N/A			
Warehouse & Distribution Centers RVC220316-01 Orchard Logistics	The project consists of construction of a 610,000 square foot warehouse on 30.91 acres. The project is located at 38021 State Route 60 on the southeast corner of State Route 60 and Western Knolls Avenue.	Site Plan	City of Beaumont	Document reviewed - No comments sent for this document received
	Comment Period: 3/16/2022 - 4/7/2022 Public Hearing: 4/7/2022			

^{*}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.

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Warehouse & Distribution Centers RVC220322-01 Plot Plan No. 210130	The project consists of construction of a 239,308 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. Reference RVC211005-07	Notice of Intent to Adopt a Mitigated Negative Declaration	County of Riverside	Document reviewed - No comments sent for this document received
	Comment Period: 3/16/2022 - 4/14/2022 Public Hearing: 4/18/2022			
Warehouse & Distribution Centers RVC220322-02 DEV No. 2022-009	The project consists of construction of a 58,643 square foot warehouse on 3.77 acres. The project is located on the southeast corner of Trumble Road and Mapes Road.	Site Plan	City of Menifee	Document reviewed - No comments sent for this document received
	Comment Period: 3/21/2022 - 4/12/2022 Public Hearing: 4/5/2022			
Warehouse & Distribution Centers	The project consists of construction of a 115,350 square foot warehouse on 5.13 acres. The	Notice of Intent	City of Montclair	Document
SBC 220301-01 5006 and 5010 Mission Boulevard Warehouse	project is located near the northeast comer of Mission Boulevard and Monte Vista Avenue.	to Adopt a Mitigated Negative Declaration		reviewed - No comments sent for this document received
	Comment Period: 2/25/2022 - 3/16/2022 Public Hearing: N/A			
Warehouse & Distribution Centers SBC220308-03 Pepper Avenue Specific Plan Amendment and Industrial Development Project	The project consists of construction of a 485,000 square foot warehouse on 23.83 acres. The project is located near the northeast corner of Pepper Avenue and Walnut Avenue.	Notice of Preparation	City of Rialto	South Coast AQMD staff commented on 3/22/2022
1 3	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/SBC220308-03.pdf			
	Comment Period: 3/4/2022 - 4/4/2022 Public Hearing: 3/16/2022			

	Watch 1, 2022 to Watch 31, 2022			
SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
PROJECT TITLE		DOC.		
Warehouse & Distribution Centers	The project consists of construction of three warehouses totaling 1,032,090 square feet on 47.07	Notice of	City of Rancho	** Under review, may
SBC220317-05	acres. The project is located near the southeast corner of East Ninth Street and Vineyard Avenue.	Availability of a Draft	Cucamonga	submit
Ninth and Vineyard Development Project#		Environmental Impact Report		written comments
	Comment Period: 3/15/2022 - 5/2/2022 Public Hearing: N/A			
Warehouse & Distribution Centers	The project consists of construction of a 54,330 square foot warehouse on 3.01 acres. The project	Site Plan	City of Highland	Document
SBC220317-06	is located on the northwest corner of Central Avenue and Third Street.			reviewed - No
Patriot Warehouse				comments sent for this document received
	Comment Period: 3/17/2022 - 4/4/2022 Public Hearing: N/A			
Warehouse & Distribution Centers	The project consists of construction of three warehouses totaling 485,042 square feet on 30.1	Notice of	City of Fontana	** Under
SBC220324-01	acres. The project is located on the northeast corner of Sierra Avenue and Casa Grande Avenue.	Preparation		review, may submit
Sierra Business Center				written comments
	Comment Period: 3/22/2022 - 4/21/2022 Public Hearing: 4/6/2022			
Warehouse & Distribution Centers	The project consists of construction of a 492,410 square foot warehouse on 21 acres. The project	Draft	City of Rialto	** Under
SBC220324-04 Birtcher Logistics Center Rialto	is located on the northwest corner of Valley Boulevard and Willow Avenue. Reference SBC210727-03	Environmental Impact Report		review, may submit written comments
	Comment Period: 3/22/2022 - 5/5/2022 Public Hearing: N/A			

- 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.

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Industrial and Commercial LAC220317-08 Melrose and Seward Project	The project consists of demolition of an 8,473 square foot existing building, and construction of a 67,889 square foot office building with subterranean parking on 1.04 acres. The project is located on the northwest corner of West Melrose Avenue and North Sewart Street in the community of Hollywood.	Mitigated Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
	Comment Period: 3/17/2022 - 4/15/2022 Public Hearing: N/A			
Industrial and Commercial RVC220308-01 DPR22-00008	The project consists of construction of a 121,100 square foot industrial building on 5.74 acres. The project is located on the northeast corner of Placentia Avenue and Redlands Avenue.	Site Plan	City of Perris	Document reviewed - No comments sent for this document received
	Comment Period: 3/1/2022 - 3/18/2022 Public Hearing: N/A			
Industrial and Commercial RVC220317-01 North Elsinore Business Park Project	The project consists of construction of a business park with 12 buildings totaling 94,665 square feet on 7.51 acres. The project is located near the northwest corner of Collier Avenue and Riverside Drive.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Lake Elsinore	Document reviewed - No comments sent for this document received
	Comment Period: 3/17/2022 - 4/15/2022 Public Hearing: 5/3/2022			
Waste and Water-related LAC220301-09 Quemetco, Inc.#	The project consists of approval of modified hazardous waste facility permit to permanently operate a compression auger and a centrifuge. 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 LAC211001-05, LAC210907-04, LAC210907-03, LAC210427-09, LAC210223-04, LAC210114-07, LAC191115-02, and LAC180726-06	Permit Modification Approval	Department of Toxic Substances Control	Document reviewed - No comments sent for this document received
	Comment Period: 2/23/2022 - 3/28/2022 Public Hearing: N/A			

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SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Waste and Water-related LAC220308-09 Former Venoco Facility#	The project consists of development of cleanup actions to excavate, dispose, cap, and remediate soil contaminated with methane on 0.6 acres. The project is located at 241 Moreno Drive on the northwest corner of West Olympic Boulevard and Spalding Drive in the City of Beverly Hills.	Draft Remedial Action Plan	Department of Toxic Substances Control	** Under review, may submit written comments
	Comment Period: 3/8/2022 - 4/7/2022 Public Hearing: 3/23/2022			
Waste and Water-related LAC220308-10 Former Westinghouse Facility	The project consists of installation of soil vapor extraction to clean up soil contaminated with volatile organic compounds on 7.26 acres. The project is located at 18020 South Santa Fe Avenue on the northeast corner of Santa Fe Avenue and East Harcourt Street in the community of Rancho Dominguez and the designated AB 617 Wilmington, Carson, West Long Beach community within Los Angeles County.	Draft Remedial Action Workplan	Department of Toxic Substances Control	** Under review, may submit written comments
Waste and Water-related	Comment Period: 3/9/2022 - 4/8/2022 Public Hearing: N/A The project consists of construction of 3,500 linear feet of potable water pipelines ranging from	Notice of Intent	Coachella Valley	Document
RVC220301-06 Phase III A-2 Transmission Main, Valley View Mobile Home Park Water Consolidation Project	30 inches to 32 inches in diameter. The project is located on the northeast corner of Airport Boulevard and Palm Street in the community of Thermal within the designated AB 617 Eastern Coachella Valley community.	to Adopt a Subsequent Mitigated Negative Declaration	Water District	reviewed - No comments sent for this document received
	Comment Period: 2/28/2022 - 3/21/2022 Public Hearing: N/A			
Waste and Water-related RVC220315-02 Banning Well C-8	The project consists of construction of a groundwater well 1,100 feet in depth 48 inches in diameter with a capacity of 2,000 gallons per minute, 2,500 linear feet of water pipelines six inches to 10 inches in diameter, and a 1,500 gallon water storage tank on 0.51 acres. The project is located near the northeast corner of Thompson Avenue and West Gilman Street.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Banning	Document reviewed - No comments sent for this document received
	Comment Period: 3/11/2022 - 4/9/2022 Public Hearing: N/A			

- 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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SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Waste and Water-related RVC220315-03 Judson Transmission Main Project	The project consists of construction of 6,700 linear feet of potable water pipelines 18 inches in diameter. The project is located along Perris Boulevard between Heacock Street to the north and Robin Lane to the south in the City of Moreno Valley.	Mitigated Negative Declaration	Eastern Municipal Water District	Document reviewed - No comments sent for this document received
	Comment Period: 3/10/2022 - 4/11/2022 Public Hearing: N/A			
Waste and Water-related RVC220324-05 Parcel 778-020-007	The project consists of development of cleanup actions to excavate, remove, and dispose 300 cubic yards of soil contaminated with toxaphene and dieldrin on 3.8 acres. The project is located at 1577 First Street on the northwest corner of First Street and Harrison Street in the City of Coachella within the designated AB 617 Eastern Coachella Valley community.	Draft Removal Action Workplan	Department of Toxic Substances Control	** Under review, may submit written comments
	Comment Period: 3/25/2022 - 4/25/2022 Public Hearing: N/A			
Waste and Water-related SBC220310-06 Former Filter Recycling Services	The project consists of renewal of an existing hazardous waste facility permit to continue to store, treat, and transfer wastes. The project is located at 180 West Monte Avenue near the northwest corner of West Monte Avenue and South Riverside Avenue in the City of Rialto. Reference SBC171019-08, SBC161227-12, SBC140909-05, SBC120425-02, and SBC130213-01	Permit Renewal	Department of Toxic Substances Control	Document reviewed - No comments sent for this document received
	Comment Period: 3/11/2022 - 4/25/2022 Public Hearing: N/A			
Transportation ORC220301-05 Silverado Canyon Road Bridge Replacement Over Silverado Creek Project	The project consists of construction of a 58 linear foot bridge 44 feet in width. The project is located near the northeast corner of Silverado Canyon Road and School Road in the community of Silverado.	Notice of Intent to Adopt a Mitigated Negative Declaration	County of Orange	Document reviewed - No comments sent for this document received
	Comment Period: 2/24/2022 - 3/28/2022 Public Hearing: N/A			

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Transportation ORC220308-04 Modjeska Canyon Road Bridge Replacement Project	The project consists of construction of a 65 linear foot bridge 43 feet in width. The project is located on the northwest corner of Modjeska Canyon Road and Markuson Road in the community of Modjeska Canyon.	Notice of Intent to Adopt a Mitigated Negative Declaration (received after close of comment period)	County of Orange	Document reviewed - No comments sent for this document received
Institutional (schools, government, etc.)	Comment Period: 2/4/2022 - 3/7/2022 Public Hearing: N/A The project consists of construction of five recreational facilities totaling 108,249 square feet,	Draft	City of Los Angeles	Document
LAC220310-04 Harvard Westlake River Park Project	The project consists of construction of tive recreational facilities totaling (108,249 square feet, two sports fields, eight tennis courts, and 5.4 acres of open space on 17.2 acres. The project is located on the southwest corner of Valley Spring Lane and Whitsett Avenue in the community of Sherman Oaks-Studio City-Toluca Lake-Cahuenga Pass. Reference LAC201001-19	Environmental Impact Report	City of Los Angeles	reviewed - No comments sent for this document received
	Comment Period: 3/10/2022 - 4/25/2022 Public Hearing: N/A			
Institutional (schools, government, etc.) LAC220315-01 CSU Northridge Global Hispanic Serving Institution Equity Innovation Hub	The project consists of construction of a 60,000 square foot school facility on a 1.38 acre portion of 353 acres. The project is located at 18111 Nordhoff Street near the northwest corner of Nordhoff Street and Lindley Avenue in the community of Northridge within Los Angeles County.	Notice of Intent to Adopt a Mitigated Negative Declaration	Regents of the University of California	Document reviewed - No comments sent for this document received
	Comment Period: 3/9/2022 - 4/8/2022 Public Hearing: 5/24/2022	N. C. C.	C' CI	D
Institutional (schools, government, etc.) ORC220322-04 Bluebird Canyon and Park Avenue Fuel Modification Projects	The project consists of development of wildfire control and vegetation removal strategies on 25 acres. The project includes two sites: 1) Bluebird Canyon Site located on the southwest corner of Temple Hills Drive and Zell Drive and 2) Park Avenue Site located along Park Avenue between Hidden Valley Canyon Road to the east and Wendt Terrace to the west.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Laguna Beach	Document reviewed - No comments sent for this document received
	Comment Period: 3/21/2022 - 4/29/2022 Public Hearing: 5/4/2022			

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Retail LAC220303-02 Compton Self Storage Project	The project consists of construction of a 108,476 square foot self storage facility on 1.86 acres. The project is located at 15200 South Gibson Avenue near the southwest corner of South Gibson Avenue and Somerset Boulevard in the designated AB 617 South Los Angeles community.	Mitigated Negative Declaration	City of Compton	Document reviewed - No comments sent for this document received
	Comment Period: 3/3/2022 - 3/23/2022 Public Hearing: N/A			
Retail LAC220310-07 6445 Sunset Boulevard Project	The project consists of construction of a 59,655 square foot hotel with 175 rooms and 11,400 square feet of restaurant uses on 9,945 square feet. The project is located near the northwest corner of West Sunset Boulevard and Cahuenga Boulevard in the community of Hollywood.	Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
	Comment Period: 3/10/2022 - 4/11/2022 Public Hearing: N/A			
Retail LAC220317-07 18618 West Oxnard Street Project	The project consists of construction of a 97,846 square foot self storage facility on 1.5 acres. The project is located near the southwest corner of West Oxnard Street and Baird Avenue in the community of Encino-Tarzana.	Mitigated Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
	Comment Period: 3/17/2022 - 4/6/2022 Public Hearing: N/A			
Retail RVC220302-01 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 RVC211015-02, RVC210611-01, RVC200901-14, RVC200303-07, and RVC190710-01	Site Plan	City of Beaumont	Document reviewed - No comments sent for this document received
	Comment Period: 3/2/2022 - 3/17/2022 Public Hearing: 3/17/2022			

^{# -} 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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Water 1, 2022 to Water 31, 2022						
SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS		
Retail RVC220324-03 Schmid Investments Two Lot Subdivision	The project consists of subdivision of 1.42 acres for future development of commercial uses. The project is located on the northwest corner of State Route 111 and Village Court.	Negative Declaration	City of Indian Wells	Document reviewed - No comments sent for this document received		
General Land Use (residential, etc.) LAC220301-02 The Grove at Merced Specific Plan	Comment Period: 3/17/2022 - 4/6/2022 Public Hearing: N/A The project consists of construction of 39 residential units totaling 76,605 square feet on 2.26 acres. The project is located at 1912 West Merced Avenue on the southwest corner of West Merced Avenue and South Van Horn Avenue.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of West Covina	Document reviewed - No comments sent for this document received		
	Comment Period: 2/22/2022 - 3/14/2022 Public Hearing: 4/12/2022					
General Land Use (residential, etc.) LAC220301-03 Alexan Mixed Use Development	The project consists of construction of 319 residential units with subterranean parking on 2.96 acres. The project is located at 150 North Santa Anita Avenue on the southeast corner of North Santa Anita Avenue and East Santa Clara Street. Reference LAC210720-05	Notice of Availability of a Draft Environmental Impact Report	City of Arcadia	Document reviewed - No comments sent for this document received		
	Comment Period: 2/24/2022 - 4/11/2022 Public Hearing: N/A					
General Land Use (residential, etc.) LAC220303-01 Norumbega Drive Residence Project	The project consists of construction of a 3,758 square foot residential unit on 1.3 acres. The project is located near the northeast corner of Norumbega Drive and Norumbega Road.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Monrovia	Document reviewed - No comments sent for this document received		
	Comment Period: 2/28/2022 - 3/21/2022 Public Hearing: 4/13/2022					

- 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.

Match 1, 2022 to Match 31, 2022					
SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS	
General Land Use (residential, etc.) LAC220310-03 Fourth and Central Project	The project consists of demolition of 360,734 square feet of structures, and construction of 1,521 residential units totaling 1,731,849 square feet, 411,113 square feet of office uses, 101,088 square feet of restaurant uses, a 74,484 square foot hotel with 68 rooms, and 90,113 square feet of open space on 7.6 acres. The project is located at 400 Central Avenue on the southeast corner of Central Avenue and Fourth Street in the community of Central City.	Notice of Preparation	City of Los Angeles	** Under review, may submit written comments	
General Land Use (residential, etc.) LAC220310-05 The Morrison Project	Comment Period: 3/10/2022 - 4/11/2022 Public Hearing: 3/23/2022 The project consists of demolition of 32,550 square feet of buildings, and construction of a 186,155 square foot building with 136 residential units, a 444 room hotel, 7,993 square feet of restaurant uses, a 5,843 square foot museum, and subterranean parking on 1.29 acres. The project is located on the southeast corner of South Hope Street and West 12th Street in the community of Central City. Reference LAC190416-03	Draft Environmental Impact Report	City of Los Angeles	Document reviewed - No comments sent for this document received	
	Comment Period: 3/10/2022 - 4/25/2022 Public Hearing: N/A			_	
General Land Use (residential, etc.) LAC220317-03 Chadwick Ranch Estates Specific Plan	The project consists of construction of 14 residential units on 111.8 acres. The project is located near the northwest corner of Royal Oaks Drive and Mountain Avenue. Reference LAC200423-08	Notice of Availability of a Draft Environmental Impact Report	City of Bradbury	Document reviewed - No comments sent for this document received	
	Comment Period: 3/11/2022 - 4/25/2022 Public Hearing: N/A				
General Land Use (residential, etc.) LAC220317-04 Sixth Street Park, Arts, River, and Connectivity Improvements Project	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/LAC210527-02.pdf. The project consists of construction of recreational and stormwater management facilities on 13 acres. The project is located on the northwest corner of South Boyle Avenue and Seventh Street in the communities of Central City North and Boyle Heights within the designated AB 617 East Los Angeles, Boyle Heights, West Commerce community. Reference LAC210527-02 and LAC170426-07	Final Environmental Impact Report	City of Los Angeles	Document reviewed - No comments sent for this document received	
	Comment Period: N/A Public Hearing: N/A				

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS	
General Land Use (residential, etc.) LAC220322-03 3003 Runyon Canyon	The project consists of construction of an 8,099 square foot residential unit on 4.5 acres. The project is located on the northwest corner of Runyon Canyon Road Hiking Path and Runyon Canyon Road in the community of Hollywood Hills. Reference LAC190823-03 and LAC180405-01	Notice of Availability of a Final Environmental Impact Report	City of Los Angeles	Document reviewed - No comments sent for this document received	
	Comment Period: N/A Public Hearing: N/A				
General Land Use (residential, etc.) LAC220324-02 Wiley Canyon Project	The project consists of construction of 379 residential units, a 277,108 square foot senior living facility with 191 units, and 8,914 square feet of commercial uses on 31.8 acres. The project is located near the northwest corner of Wiley Canyon Road and Calgrove Boulevard.	Notice of Preparation	City of Santa Clarita	** Under review, may submit written comments	
	Comment Period: 3/24/2022 - 4/25/2022 Public Hearing: 4/14/2022				
General Land Use (residential, etc.) ORC220308-05 Brea 265 Specific Plan	The project consists of construction of 1,100 residential units, 15.1 acres of recreational uses, and 47.5 acres of open space on 262.1 acres. The project is located on the northeast corner of State Route 90 and State Route 57.	Notice of Availability of a Draft Environmental Impact Report	City of Brea	Document reviewed - No comments sent for this document received	
	Comment Period: 3/9/2022 - 4/22/2022 Public Hearing: 3/22/2022				
General Land Use (residential, etc.) ORC220317-02 Laguna Niguel City Center Mixed Use Project	The project consists of construction of 275 residential units and 175,000 square feet of commercial and civic uses on 25 acres. The project is located on the southeast corner of Alicia Parkway and Pacific Land Drive. Reference ORC191205-02	Notice of Availability of a Draft Environmental Impact Report	City of Laguna Niguel	Document reviewed - No comments sent for this document received	
	Comment Period: 3/15/2022 - 4/29/2022 Public Hearing: N/A				

- 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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SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
General Land Use (residential, etc.) RVC220301-04 The Village at Junipero	The project consists of construction of 240 residential units on 19.25 acres. The project is located on the northeast corner of McCall Boulevard and Junipero Road.	Site Plan	City of Menifee	Document reviewed - No comments sent for this document received
General Land Use (residential, etc.) RVC220301-08 Xenia Apartments	Comment Period: 2/22/2022 - 3/16/2022 Public Hearing: 3/15/2022 The project consists of construction of 192 residential units totaling 476,265 square feet on 10.93 acres. The project is located on the southeast corner of Xenia Avenue and East Eighth Street.	Site Plan	City of Beaumont	Document reviewed - No comments sent for this document received
General Land Use (residential, etc.) RVC220308-07 Menifee Valley Specific Plan	Comment Period: 3/1/2022 - 3/10/2022 Public Hearing: 3/10/2022 The project consists of construction of 1,718 residential units, 275.5 acres of business park uses, 33.2 acres of commercial uses, 33.3 acres of public facilities, 19.6 acres of roadway improvements, and 44.5 acres of open space on 590.3 acres. The project is located on the northeast corner of Matthews Road and Menifee Road. Reference RVC211015-01, RVC190821-04, and RVC180823-02 http://www.agmd.gov/doss/default-source/cega/comment-letters/2022/march/RVC220308-07.pdf. Comment Period: 3/10/2022 - 4/8/2022 Public Hearing: 3/29/2022	Notice of Preparation	City of Menifee	South Coast AQMD staff commented on 3/22/2022
General Land Use (residential, etc.) RVC220310-02 MA22051	The project consists of construction of 118 residential units on 10.4 acres. The project is located on the southwest corner of Limonite Avenue and Beach Street. Comment Period: 3/10/2022 - 3/24/2022 Public Hearing: N/A	Site Plan	City of Jurupa Valley	Document reviewed - No comments sent for this document received

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION		TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE			DOC.		STATUS
General Land Use (residential, etc.) RVC220315-04 Tentative Tract Map No. 38372	The project consists of construction of 426 residential units on 18.3 acres. on the northwest corner of Scott Road and Haleblian Road. Reference RVC180904-06	The project is located	Site Plan	City of Menifee	Document reviewed - No comments sent for this document received
	Comment Period: 3/15/2022 - 4/5/2022 Public	Hearing: 4/5/2022			
Plans and Regulations LAC220308-06 Picture Culver City: General Plan 2045	The project consists of updates to the City's General Plan to develop policit to guide future development with a planning horizon of 2045. The project esquare miles and is bounded by City of Los Angeles to the north, south and unincorporated areas of Los Angels County to the east. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/LAC22 Comment Period: 3/3/2022 - 4/4/2022 Public	encompasses 5.14 west and	Notice of Preparation	City of Culver City	South Coast AQMD staff commented on 3/22/2022
Plans and Regulations	The project consists of development of citywide policies, strategies, and pro-		Notice of	City of Long Beach	** Under
LAC220318-01 The Climate Action and Adaptation Plan and Safety Element Update	greenhouse gas emissions and enhance climate resilience. The project enco miles and is bounded by State Route 91 to the north, Interstate 605 to the et Boulevard to the south, and State Route 47 to the west in the designated AI Carson, West Long Beach community.	ast, East Ocean	Availability of a Draft Subsequent Environmental Impact Report		review, may submit written comments
		Hearing: N/A			ъ .
Plans and Regulations ORC220308-08 Santa Ana Off Premises Commercial Advertising Signs Ordinance Update Project	The project consists of amendments to citywide ordinance to establish perm design guidelines for digital display billboards. The project includes two lo State Route 55 between Edinger Avenue to the north and Main Street to the Interstate 5 between East Memory Lane to the north and East Fourth Street	cations: 1) along e south and 2) along to the south.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Santa Ana	Document reviewed - No comments sent for this document received
	Comment Period: 3/7/2022 - 4/6/2022 Public	Hearing: 4/25/2022			

- 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.

SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION		TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Plans and Regulations RVC220308-02 Towne Center Specific Plan	The project consists of development of land use policies, design standar programs to guide future development on 19.6 acres. The project is loca corner of Railroad Canyon Road and South Canyon Lake Drive.	ted on the southeast	Notice of Intent to Adopt a Negative Declaration	City of Canyon Lake	Document reviewed - No comments sent for this document received
	Comment Period: 3/4/2022 - 4/4/2022 Pul	blic Hearing: N/A			

${\bf ATTACHMENT~B^*}\\ {\bf ONGOING~ACTIVE~PROJECTS~FOR~WHICH~SOUTH~COAST~AQMD~HAS}\\ {\bf OR~IS~CONTINUING~TO~CONDUCT~A~CEQA~REVIEW}$

OR IS CONTINUEND TO CONDUCT A CECYA REVIEW					
SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS	
PROJECT TITLE		DOC.		STATUS	
Warehouse & Distribution Centers	The project consists of construction of a 277,578 square foot warehouse on 13.35 acres. The	Site Plan	City of Menifee	South Coast AQMD staff	
RVC220209-01	project is located on the southwest corner of Sherman Road and Maples Road.			commented	
Plot Plan No. 22-015				on 3/1/2022	
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/RVC220209-01.pdf				
	Comment Period: 2/8/2022 - 3/2/2022 Public Hearing: 3/1/2022				
Waste and Water-related	The project consists of development of remedial actions to complete groundwater monitoring,	Statement of	Department of	South Coast	
LAC220208-08 Rainbow Transport Tank Cleaners Site Project	installation of a soil vapor extraction system, establishment of a land use covenant to restrict future land uses to commercial and industrial uses, and a soil management plan on 10 acres. The project is located at 21119 South Wilmington Avenue near the southwest corner of South Wilmington Avenue and East Dominguez Street in the City of Carson within the designated AB 617 Wilmington, Carson, West Long Beach community. Reference LAC150721-06 and LAC130814-01 http://www.agmd.gov/docs/default-source/cega/comment-letters/2022/march/LAC220208-08.pdf	Basis	Toxic Substances Control	AQMD staff commented on 3/8/2022	
	Comment Period: 2/8/2022 - 3/25/2022 Public Hearing: 3/9/2022			İ	
Waste and Water-related ORC220217-14 Valencia Greenery Composting Operation at Olinda Alpha Landfill	The project consists of construction of an organic waste composting facility to receive up to 230 tons per day of green waste and agricultural material on 15.3 acres. The project is located at 1942 North Valencia Avenue near the northeast comer of North Valencia Avenue and Sandpiper Way in the City of Brea. Reference ORC201105-01 http://www.agmd.gov/docs/default-source/ceqa/comment-letters/2022/march/ORC220217-14.pdf. Comment Period: 2/22/2022 - 3/22/2022 Public Hearing: 3/2/2022	Mitigated Negative Declaration	Orange County Waste and Recycling	South Coast AQMD staff commented on 3/22/2022	
Institutional (schools, government, etc.)	The project consists of construction of a 105,000 square foot museum on 13 acres. The project is	Notice of	County of Los	South Coast	
LAC220217-05 La Brea Tar Pits Master Plan Project	The project consists of construction of a 103,000 square foot museum on 13 acres. The project is located \$800 Wilshire Boulevard on the northwest corner of Wilshire Boulevard and South Curson Avenue in the community of Miracle Mile.	Preparation	Angeles	AQMD staff commented on 3/15/2022	
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/LAC220217-05.pdf				
	Comment Period: 2/14/2022 - 3/16/2022 Public Hearing: 3/2/2022				

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 DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Institutional (schools, government, etc.)	The project consists of construction of an 87,000 square foot school facility to accommodate up	Notice of	Regents of the	South Coast
RVC220217-08 Riverside Unified School District Science, Technology, Engineering, and Mathematics Education Center	to 800 students on six acres. The project is located on the southwest corner of West Blaine Street and Canyon Crest Drive in the City of Riverside.	Preparation	University of California	AQMD staff commented on 3/8/2022
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/RVC220217-08.pdf			
	Comment Period: 2/16/2022 - 3/18/2022 Public Hearing: 3/9/2022			
General Land Use (residential, etc.)	The project consists of construction of 68 residential units on 9.5 acres. The project is located at	Notice of	County of Los	South Coast AQMD staff
LAC220201-09 Griswold Residential	16209 East San Bernardino Road near the northwest corner of East San Bernardino Road and North Hartley Avenue in the community of East Irwindale.	Preparation	Angeles	commented on 3/1/2022
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/LAC220201-09.pdf			
	Comment Period: 2/1/2022 - 3/3/2022 Public Hearing: 2/10/2022			
General Land Use (residential, etc.) LAC220208-07 Norwalk Entertainment District-Civic Center Specific Plan	The project consists of construction of 400 residential units and 150,000 square feet of commercial uses on 12.2 acres. The project is located on the southeast corner of Imperial Highway and Norwalk Boulevard.	Notice of Preparation	City of Norwalk	South Coast AQMD staff commented on 3/1/2022
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/LAC220208-07.pdf			
	Comment Period: 2/7/2022 - 3/9/2022 Public Hearing: 2/17/2022			
General Land Use (residential, etc.)	The project consists of construction of 65 residential units on 9.2 acres. The project is located	Notice of	City of Upland	South Coast
SBC220217-04 Villa Serena Specific Plan	near the southwest corner of East 15th Street and North Monte Verde Avenue.	Preparation		AQMD staff commented on 3/8/2022
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/SBC220217-04.pdf			
	Comment Period: 2/8/2022 - 3/9/2022 Public Hearing: N/A			

^{*}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.
** Disposition may change prior to Governing Board Meeting

^{# -} Project has potential environmental justice concerns due to the nature and/or location of the project. ** Disposition may change prior to Governing Board Meeting

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 DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Plans and Regulations LAC220217-09 Los Angeles County Metro Area Plan	The project consists of development of land use policies and implementation strategies to address affordable housing needs, transportation improvements, air quality, economic development, and environmental justice. The project encompasses seven unincorporated communities: 1) East Los Angeles, 2) Florence-Firestone, 3) Willowbrook, 4) West Rancho Dominguez-Victoria, 5) East Rancho Dominguez, 6) Walnut Park, and 7) West Athens-Westmont. The project includes four designated AB 617 communities: 1) East Los Angeles, Boyle Heights, West Commerce, 2) Southeast Los Angeles, 3) South Los Angeles, and 4) Wilmington, Carson, West Long Beach. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/LAC220217-09.pdf Comment Period: 2/14/2022 - 3/17/2022 Public Hearing: 3/2/2022	Notice of Preparation	County of Los Angeles	South Coast AQMD staff commented on 3/15/2022
Plans and Regulations ORC220222-02 Center City Corridors Specific Plan	The project consists of development of land use policies, design standards, and implementation programs to guide future development on 2,600 acres. The project is located on the southwest corner of State Route 91 and North East Street. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2022/march/ORC220222-02.pdf Comment Period: 2/14/2022 - 3/28/2022 Public Hearing: 3/10/2022	Notice of Preparation	City of Anaheim	South Coast AQMD staff commented on 3/15/2022
Plans and Regulations ORC220222-03 City of Anaheim General Plan Update	The project consists of updates to the City's General Plan to develop policies, goals, and strategies to guide future development with a planning horizon of 2042. The project encompasses 50.88 square miles and is bounded by cities of Fullerton, Placentia, and Yorba Linda to the north, unincorporated areas of Riverside County to the east, cities of Orange, Garden Grove, and Stanton to the south, and cities of Cypress and Buena Park to the west. http://www.aqmd_gov/docs/default-source/cega/comment-letters/2022/march/ORC220222-03.pdf. Comment Period: 2/16/2022 - 3/18/2022 Public Hearing: 3/2/2022	Notice of Preparation	City of Anaheim	South Coast AQMD staff commented on 3/15/2022

ATTACHMENT C ACTIVE SOUTH COAST AQMD LEAD AGENCY PROJECTS THROUGH MARCH 31, 2022

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)	The Draft EIR was released for a 124-day public review and comment period from October 14, 2021 to February 15, 2022 and approximately 200 comment letters were received. Staff held two community meetings, on November 10, 2021 and February 9, 2022, which presented an overview of the proposed project, the CEQA process, detailed analysis of the potentially significant environmental topic areas, and the existing regulatory safeguards. Written comments submitted relative to the Draft EIR and oral comments made at the community meetings, along with responses will be included in the Final EIR which is being prepared by the consultant.	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 have been addressed by the consultant and incorporated into a Preliminary Draft SEIR which is undergoing staff review.	SCS Engineers

^{# -} Project has potential environmental justice concerns due to the nature and/or location of the project.
** Disposition may change prior to Governing Board Meeting



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 24

REPORT: Stationary Source Committee

SYNOPSIS: The Stationary Source Committee held a meeting remotely on

Friday, April 15, 2022. The following is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file.

Ben J. Benoit, Chair Stationary Source Committee

JA:cr

Committee Members

Present: Mayor Ben J. Benoit (Chair)

Supervisor Sheila Kuehl (Vice Chair) Board Member Veronica Padilla-Campos

Senator Vanessa Delgado (Ret.) Vice Mayor Rex Richardson Supervisor Janice Rutherford

Call to Order

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

For additional details of the Stationary Source Committee Meeting, please refer to the Webcast at: Live Webcast (aqmd.gov)

INFORMATIONAL ITEM:

1. Update on Proposed Rule 403.2 – Fugitive Dust from Large Roadway Projects Ian MacMillan, Assistant Deputy Executive Officer/Planning Rules Development and Implementation, provided an update Proposed Rule 403.2 highlighting revisions since last month and key remaining issues.

Suzanne Seivright-Sutherland, California Construction and Industrial Material Association, commented that they are not opposed to signage, notification, and the rule implementation date of January 2023. However, she is concerned with the prohibition

buffer and control measures for material piles, specifically the emissions potential related to moving piles. She requested additional modeling analysis to show potential air quality impacts and the removal of the 20-foot height limit for material piles. Mr. MacMillan said that the modeling request would be added to the draft staff report and clarified that the 20-foot height was in the proposed maximum height of material piles and not the prohibition zone. For additional details, please refer to the Webcast beginning at 16:49.

Senator Delgado and Board Member Padilla-Campos expressed support with moving the proposed rule forward. The committee was supportive of increasing the maximum material pile height to 30 feet and adding additional controls as necessary. Chair Benoit inquired about the definition for an expressway relative to local general plans. For additional details, please refer to the Webcast beginning at 21:50.

WRITTEN REPORTS:

2. AQMD Advisory Group Minutes

The report was acknowledged by the committee.

3. 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

The report was acknowledged by the committee.

4. Twelve-month and Three-month Rolling Average Price of Compliance Years 2021 and 2022 NOx and SOx RTCs (January – March 2022)

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

7. Public Comment Period

Michael Lewis, Construction Industry Air Quality Coalition, commented on Proposed Rule 403.2. He expressed support for 30 feet piles of crushed materials and reducing potential dust generation at large roadway projects. For additional details, please refer to the <u>Webcast</u> beginning at 29:07.

6. Next Meeting Date

The next Stationary Source Committee meeting is scheduled for Friday, May 20, 2022 at 10:30 a.m.

Adjournment

The meeting was adjourned at 11:04 a.m.

Attachments

- 1. Attendance Record
- 2. AQMD Advisory Group Minutes
- 3. 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
- 4. Twelve-month and Three-month Rolling Average Price of Compliance Years 2021 and 2022 NOx and SOx RTCs (January March 2022)
- 5. Notice of Violation Penalty Summary

ATTACHMENT 1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT STATIONARY SOURCE COMMITTEE Attendance –April 15, 2022

Mayor Ben J. Benoit	South Coast AOMD Board
Senator Delgado (Ret.)	
Supervisor Sheila Kuehl	
Board Member Veronica Padilla-Campos	South Coast AOMD Board
Vice Mayor Rex Richardson	
Supervisor Janice Rutherford	
Supervisor Jamice Rutherford	South Coast AQMD Board
Ruthanne Taylor Berger	Board Consultant (Benoit)
Tom Gross	Board Consultant (Benoit)
Loraine Lundquist	Board Consultant (Kuehl)
Debra Mendelsohn	
Amy Wong	Board Consultant (Padilla-Campos)
Ross Zelen	Board Consultant (Kracov)
	(====,
Mark Abramowitz	
Curtis Coleman	
Chris Chavez	Coalition for Clean Air
Ryan Condensa	Ramboll
Karl Lany	
Michael Lewis	Construction Industry Air Quality Coalition
Bridget McCann	Chevron
Dan McGivney	SoCal Gas
David Rothbart	SCAP
Suzanne Seivright Sutherland	CALCIMA
T A 11	
Jason Aspell	
Barbara Baird	
Bayron Gilchrist	
Anissa Heard-Johnson	
Mark Henninger	
Michael Krause	
Terrence Mann	•
Ian MacMillan	•
Matt Miyasato	
Ron Moskowitz	
Wayne Nastri	•
Susan Nakamura	
Lisa Tanaka O'Malley	
Sarah Rees	
Jillian Wong	
Paul Wright	
Victor Yip	South Coast AQMD staff



AIR QUALITY MANAGEMENT PLAN ADVISORY GROUP MEETING MINUTES

Friday January 28, 2022 9:00 a.m.

1. Welcome, Introductions, and Approval of Minutes

Mr. Ian MacMillan, Assistant Deputy Executive Officer of South Coast AQMD's Planning, Rule Development, and Area Sources Division, called the virtual meeting to order at 9:00 a.m. Dr. Sarah Rees, Deputy Executive Officer of South Coast AQMD's Planning, Rule Development, and Area Sources Division welcomed all participants and introduced South Coast AQMD staff present. Dr. Rees asked if there were any comments on the previous meeting's minutes. Since there were no comments, the minutes were approved.

Comments from Advisory Group and Staff Responses:

No comments from the Advisory Group members on this agenda item.

Comments from Public and Staff Responses:

No comments from the Public on this agenda item.

2. Preliminary Results on 2022 AQMP Reasonably Available Control Measures (RACM) Demonstration for Stationary Sources

Dr. Kalam Cheung, Program Supervisor of South Coast AQMD's Planning, Rule Development, and Area Sources Division, presented the preliminary results of the 2022 AQMP RACM for stationary sources. The approach for stationary sources consists of three stages: Stage 1 identifies potential RACM through a seven-step analysis, Stage 2 evaluates technological and economic feasibility of the potential RACM, and Stage 3 evaluates whether emission reductions are needed for Reasonable Further Progress (RFP) or to advance attainment by one year. South Coast AQMD identified seven potential RACM in Stage 1, with "Lowering VOC Emission Limit for Auto and Light-Duty Truck Assembly" as the only potential RACM deemed both technologically and economically feasible. South Coast AQMD staff will continue to monitor and assess feasibility for the other remaining six potential RACM, some of which will be addressed as part of the 2022 AQMP control measures. With South Coast AQMD's attainment scenario under evaluation, Stage 3 will be evaluated in the next few weeks when the level of reductions needed for attainment and RFP is determined. The next steps are to seek input from stakeholders, determine if the measures are required for RFP, and release the draft RACM Demonstration as part of the draft 2022 AQMP.

Comments from Advisory Group and Staff Responses:

Inquiry on if New Jersey's proposed rule to advance zero emissions boilers will be included as part of RACM analysis. Staff responded that existing rules and regulations from other agencies are considered as part of the RACM analysis. Since New Jersey's proposed rule for ZE boilers is a proposed rule (i.e. not yet adopted), it was not part of the evaluation at the time of the RACM analysis. Staff will look at the cost feasibility, requirements, and approach of New Jersey's proposed rule to reduce emissions from boilers.

Comment on RACM (4) Additional Enhancement in Reducing Existing Residential Building Energy Use: model runs using the South Coast AQMD NEAT Tool to evaluate cost effectiveness of residential appliance replacement options within the Basin indicate that cost effectiveness for electrification of residential space and water heaters is 7 to 70 times less cost effective than the 2016 AQMP cost effectiveness approach of \$50,000 per ton; 2022 AQMP building control measures should include a pathway for near-zero emission technologies through an incentive-based approach, rather than invoke regulatory requirements. Staff responded that the cost of implementing energy efficiency and control measures in the residential buildings sector varies based on many factors including the infrastructure of the housing stock and the type of appliance replaced. As there is a range of cost effectiveness, it is more appropriate to address specific details of each appliance category separately during the rule development process.

Comment that some groups within the AQMP Advisory Group Committee are in support of a regulatory path to zero emissions appliances as opposed to a voluntary incentive-based approach and acknowledged that the previous response was not reflective of everyone on the committee. Staff thanked the individual for their comment.

Comments from Public and Staff Responses:

Inquiry on what metric is used to determine cost effectiveness; the Clean Air Act does not refer to cost effectiveness, but rather economic and technological feasibility. Staff responded that the cost effectiveness threshold was \$50,000 per ton reduced in the 2016 AQMP. If measures were above that threshold, then that would trigger additional analysis and processes to work through more detail than the cost effectiveness threshold. This approach has not yet been determined for the 2022 AQMP.

Inquiry on where the RACM requirement to show advancement of one year or more to reach attainment comes from since it is not from the CAA. Staff responded that under the U.S. EPA implementation guidance rules, RACM measures must either help meet RFP requirements or advance attainment by one year.

Comment on whether South Coast AQMD has investigated the availability of reliable infrastructure to move forward with electric technologies and confirmed that there is sufficient electricity to support those technologies. Staff responded that there is a separate Zero Emissions Infrastructure Working Group to address infrastructure challenges within the transportation sector that could also apply to widespread electrification of stationary and area sources. There are many other agencies involved that are working together to develop a plan that addresses the grid issues.

3. Motor Vehicle Emissions Budget- State Implementation Plan

Mr. Nesamani Kalandiyur, Manager of the Transportation Analysis Section in the Sustainable Transportation and Communities Division at CARB, presented an overview of transportation conformity and the Motor Vehicle Emissions Budget (MVEB), types of State Implementation Plans (SIPs) with MVEB, tools used for MVEB, the interagency consultation process, adequacy determination criteria and process, and application of MVEB. The Motor Vehicle Emissions Budget serves as a regulatory limit for on-road mobile source emissions in the SIP and is based on emissions inventory and control measures established by CARB. Transportation conformity applies to both direct and precursor pollutants emissions. The latest EPA-approved emission model is EMFAC 2017 for SIP and transportation

conformity purposes. EMFAC 2021 is pending approval by the U.S. EPA. Transportation conformity ensures air and transportation agencies interact on a continuous basis. The MVEB must be consistent with the emissions inventory, RFP, and the attainment or maintenance demonstration.

Comments from Advisory Group and Staff Responses:

Inquiry on the differences between EMFAC 2017 and EMFAC 2021 being used, and which emissions model the mobile source strategy uses. CARB staff responded that for conformity purposes, the model must be approved by the U.S. EPA before it can be used in the MVEB. EMFAC 2017 is used in the SIP, emission reductions strategies, and the emissions inventory. Emission reductions commitments provided to South Coast AQMD in the State SIP Strategy is also based on EMFAC 2017. EMFAC 2021 is currently under review by the US EPA and can be used for air quality purposes but cannot yet be used for conformity purposes. The mobile source strategy uses EMFAC 2021, and the U.S. EPA will approve EMFAC 2021 sometime in the next quarter.

Inquiry on using the Motor Vehicle Emissions Budget itself to drive down emissions, with the understanding that actual infrastructure can be designed or choices on infrastructure could lead to significant NOx and VOC reductions. CARB staff responded that staff is analyzing the existing process to have more information of the budget development process. CARB needs to go through the public processes as well as interagency consultation for developing that type of an approach.

Inquiry on when the draft budgets will be released and will there be a comment period before the package goes to the South Coast AQMD Governing Board. CARB staff responded that the MVEB is included as part of the draft 2022 AQMP. South Coast AQMD staff responded that the draft is anticipated to be released in March and once it is released, there will be a 45-day public comment period.

Comment regarding SB 1383- short-lived climate polluting reduction strategies for organic waste reductions: heavy-duty refuse fleets are incurring additional vehicle miles traveled and vehicle trips to accommodate the requirements of the regulation; modeling did not address some of these issues with heavy-duty refuse fleets and should be a consideration going forward. CARB Staff responded that the MVEB is using the Connect SoCal transportation activity data from SCAG's recently adopted Regional Transportation Plan. SCAG staff responded that there is a process as part of the SCAG Plan development that reflects vehicle miles traveled (VMT) within the region, including the heavy-duty fleet.

Comments from Public and Staff Responses:

Inquiry that EMFAC 2017 does not reflect recent studies on in-use emissions from heavy-duty trucks under certain low-load conditions and how such information is incorporated into the 2022 AQMP emissions inventory. Comment that brand new diesel trucks are still coming into the marketplace until 2027 when new standards and testing protocols are implemented and vehicles could be in service for 15 years. CARB staff responded that the inventory has been adjusted to incorporate the latest regulations that are adopted through off-model adjustments. EMFAC 2017 reflects more real-world conditions and has higher emissions than the previous EMFAC 2014. EMFAC 2021 reflects further understanding of the motor vehicle population and is consistent with EMFAC 2017. CARB is developing appropriate test cycles to incorporate into future rulemaking to address the issues with low-load NOx emissions, and the regulatory process will address how the emissions testing and certification is done for heavy-duty vehicles that are emitting higher than expected NOx under low load operating conditions. CARB's

overall strategy to move towards zero emissions technologies and to move away from combustion is going to address this issue altogether.

4. Overview of Transportation Control Measures and Application of Motor Vehicle Emissions Budgets

Rongsheng Luo, Manager of SCAG's Environmental Analysis and Business unit presented an overview of transportation control measures and application of Motor Vehicle Emissions Budgets. SCAG develops the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) and Federal Transportation Improvement Program (FTIP) to provide socioeconomic growth forecasts and travel activity projections, and to develop regional transportation plan/sustainable communities strategy and transportation control measures in Appendix IV-C of the 2022 AQMP. Transportation control measures (TCMs) are defined in the Clean Air Act as transportation programs and projects that reduce vehicle use or changes traffic flow or congestion conditions for purposes of reducing emissions from transportation sources, excluding technology, fuel, and maintenance-based measures. The TCM RACM analysis to be included in the Draft 2022 AQMP demonstrates that all reasonably available TCMs are being implemented in the South Coast Air Basin. The U.S. EPA approved TCM Best Available Control Measures (BACM) analysis in the 2016 AQMP, demonstrating that the best available TCMs are also being implemented in the South Coast Air Basin. Motor Vehicle Emissions Budgets are used in the RTP/SCS and FTIP Regional Emissions Test that is required as part of the transportation conformity analysis and determination. Emissions from RTP/SCS and FTIP must not exceed applicable Motor Vehicle Emissions Budgets for all milestone, attainment, and planning horizon years for all applicable criteria pollutants in nonattainment areas.

Comments from Advisory Group and Staff Responses:

Inquiry on if the analysis that determined South Coast AQMD is implementing all reasonably available TCMs is still available for public comment. SCAG staff responded that this will be included in the draft 2022 AQMP and will be available for public comment.

Inquiry on whether Section 182(e)(4) of the Clean Air Act that has a provision for traffic control measures during heavy pollution hours has been considered. SCAG staff responded that as a part of the RACM analysis, SCAG listed all the measures by categories; traffic control measures during heavy pollution hours was one of the categories, so certain aspects have been implemented in the region. SCAG also looks at TCMs from other areas. SCAG is developing the 2023 FTIP and the 2024 RTP/SCS, scheduled to be adopted by the SCAG Governing Board in September 2022 and April 2024, respectively.

Comments from Public and Staff Responses:

No comments from the Public on this agenda item.

5. Updates on 2022 AQMP Control Measures/Control Strategy

Dr. Sang-Mi Lee, Planning and Rules Manager of South Coast AQMD's Planning, Rule Development, and Area Sources Division, presented updates on the 2022 AQMP control measures and control strategy. CARB and South Coast AQMD jointly hosted the Control Measures Workshop on November 10, 2021 with three groups, and received 92 comment letters that were summarized into ten categories: (1) Transition to zero-emission and near-zero emission technologies, (2) Incentives, (3) ZE and NZE

technologies for stationary and area sources, (4) Buildings, (5) Emergency engines/ back up generators, (6) Infrastructure, (7) VOC measures, (8) Transportation/mobile source related measures, (9) Utilization of Clean Air Act Section 182(e)(5), and (10) Fair share reductions. The next steps are to address and incorporate public comments, continue control measures development and working group meetings, release the draft control measures, and release the draft 2022 AQMP.

Comments from Advisory Group and Staff Responses:

Inquiry on timeline of when control measures will be released, and if this will include the emissions inventory and reductions associated with each control measure. Staff responded that the schedule may change as needed, but currently the draft AQMP has a target release date of mid-March. Control measures are planned for release two weeks in advance of the draft 2022 AQMP at the end of February. The baseline inventory for base and future years at the major source category level are already on the South Coast AQMD website. Appendix III will have detailed emissions inventory and describe the methodologies and categories that have gone through major updates since the 2016 AQMP. Expected emissions reductions for each control measure are typically included in control measures, although some control measures do not have emissions reductions and are listed as 'TBD' due to the nature of the control measure.

Inquiry on having a potential discussion to understand the possible approaches to economic analysis for zero emission strategies and proposed control measures in the AQMP; the infrastructure components of the measures are uncertain and future oriented. South Coast AQMD staff responded that economic analysis is addressed in the STMPR Advisory Group. Economic feasibility analyses could also be specified in the 2022 AQMP for some measures, while others will have uncertainty in technologies that require evaluation in the future. Staff could discuss this topic further at a future advisory group meeting.

Comment that a separate discussion is needed with wastewater treatment plants that generate renewable non-fossil fuel regarding how electrification will affect this service; SB 1383 takes food waste out of landfills that will generate more biogas, South Coast AQMD has permitting issues for new sources and CARB will not allow this additional biogas in vehicle fuels. Staff thanked the individual and will set up a separate discussion with CARB and other agencies to follow up on this comment.

Comment that moving to zero emissions technologies should be analyzed beyond cost effectiveness in a more holistic approach, as there can be other associated benefits such as creating jobs. South Coast AQMD staff responded that multiple groups throughout the state including CARB, CEC, and CPUC are discussing zero emissions technologies through different approaches. These topics will be explored as part of the 2022 AQMP.

Comments from Public and Staff Responses:

No comments from the Public on this agenda item.

6. Nomination of AQMD Advisory Group Members to South Coast AQMD Advisory Council

The Health Effects Appendix of the 2022 AQMP demonstrates analysis of the health effects of air pollution and is reviewed by the South Coast AQMD Advisory Council, composed of members from different South Coast AQMD advisory groups. Each advisory group nominates members or has volunteers participate in the Advisory Council, and staff is requesting volunteers or nominees from this

AQMP Advisory Group to participate on the Council. AQMP Advisory Group members can submit their nominee recommendations to join the Advisory Council after the conclusion of this meeting.

7. Other Business

No additional comments, announcements, or reports from the Advisory Group members.

8. Public Comment

No additional comments, announcements, or reports from the Public.

9. Next Meeting tentatively planned for March 2022

Members Present (23)

Adrian Martinez, Earthjustice

Bill LaMarr, California Small Business Alliance

Christopher Chavez, Coalition for Clean Air

Curtis Coleman, Southern California Air Quality Alliance

Dan McGivney, Southern California Gas

David Pettit, National Resources Defense Council, Inc.

David Rothbart, Southern California Alliance of Publicly Owned Treatment Works

Frances Keeler, California Council for Environmental and Economic Balance

James Breitling, Southern California Contractors Association

Janet Whittick, California Council for Environmental and Economic Balance

Jeremy Avise, California Air Resources Board

John Ungvarsky, U.S. EPA

Lakshmi Jayaram. FuturePorts

Lori Huddleston, LA Metro

Marc Carrel, Breathe LA

Michael Benjamin, California Air Resources Board

Michael Carroll, Latham & Watkins

Michael Lewis, Southern California Contractors Association

Otis Greer, County of San Bernardino

Paul Ryan, California Refuse Recycling Council

Ramine Cromartie, Western States Petroleum Association

Richard Parks, Redeemer Community Partnership

Rongsheng Luo, Southern California Association of Governments

Public Attendees and Interested Parties (58)

Adam Hsu

Alek Van Houghton

Ali Ghasemi, VCAPCD

Alok

Angel Garfio

Annaleigh Ekman, SCAG

Archana Agrawal

Ariel Fideldy, CARB

Austin Hicks, CARB

Bethmarie Quiambao

Brady Vanengelen

Carol Kaufman

Carrie Brown

Chadwick Collins

Cindy P

Cindy Parsons

Craig Sakamoto

Debra Mendelsohn

Elijah Gordon

Faraz Rizvi

Gaby Mendez

Howard Berman

Jacqueline Moore

James Adams

Jamie Bartolome

Janet Baad

Jim Lutz

Joaquin Castillejos

John Henkelman, VCAPCD

Karin Fickerson

Katrina Fitz

Ken Dami

Kiersten Melville

Lars Boden

Loraine Lundquist

Lori Balance

Lucy Dunn

Luis Amezcua

Mark Abramowitz

Marshall Waller

Melaura Rice

Naveen Berry

Nesamani Kalandiyur, CARB

Nicolas Serieys

Nina Turner

NMuyco

Orange County Business Council

Peter Evangelakis

Peter Warda

Resa Barillas

Rohimah Moly

Ross Zelen

Ryan Kocher

Sarah O'Malley

Scott King, Ph.D., CARB

Scott Weaver Sylvia Vanderspek, CARB Tim French

South Coast AQMD Staff Present (34)

Anthony Tang, Information Technology Supervisor

Barbara Radlein, Program Supervisor

Cui Ge, Ph.D., AQ Specialist

Elaine Shen, Planning and Rules Manager

Eric Praske, Ph.D., AQ Specialist

Erika Chavez, Senior Deputy District Counsel

George Wu, AQ Specialist

Ian MacMillan, Assistant Deputy Executive Officer

Jong Hoon Lee, Ph.D., AQ Specialist

Kalam Cheung, Ph.D., Program Supervisor

Kathryn Roberts, Deputy District Counsel II

Kayla Jordan, Assistant AQ Specialist

Lane Garcia, Program Supervisor

Marc Carreras-Sospedra, Ph.D., AQ Specialist

Mark Henninger, Information Technology Manager

Mary Reichert, Senior Deputy District Counsel

Mei Wang, Planning and Rules Manager

Michael Krause, Assistant Deputy Executive Officer

Michael Laybourn, Program Supervisor

Paul Wright, Senior Information Technology Specialist

Ricky Lai, AQ Specialist

Rosalee Mason, Administrative Assistant I

Rui Zhang, Ph.D., AQ Specialist

Ryan Finseth, Ph.D., AQ Specialist

Sam Cao, Program Supervisor

Sang-Mi Lee, Ph.D., Planning and Rules Manager

Sarah Rees, Ph.D., Deputy Executive Officer

Scott Epstein, Ph.D., Program Supervisor

Shah Dabirian, Ph.D., Program Supervisor

Sheri Hanizavareh, Senior Deputy District Counsel

Tiffani To, Assistant AQ Specialist

Wei Li, Ph.D., AQ Specialist

Xinqiu Zhang, Ph.D., Senior Staff Specialist

Yunnie Osias, AQ Specialist

April 2022 Update on Work with U.S. EPA and CARB 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 CARB since the last report.

• No meeting since last report; planning to schedule next meeting late April

Twelve-Month and Three-Month Rolling Average Price of Compliance Years 2021 and 2022 NOx and SOx RTCs (January – March 2022)

April 2022 Report to Stationary Source Committee

Table I

Twelve-Month Rolling Average Price Data for Compliance Year 2021 NOx RTCs (Report to Governing Board if rolling average price greater than \$22,500/ton)

Twelve-Month Rolling Average Price Data for Compliance Year 2021 NOx RTC					
Reporting Month	12-Month Period	Total Volume Traded with Price During Past 12-month (tons)	Total Price of Volume Traded During Past 12-month (\$)	Number of Trades with Price	Rolling Average Price¹ (\$/ton)
Jan-21	Jan-20 to Dec-20	76.2	\$717,162	15	\$9,418
Feb-21	Feb-20 to Jan-21	77.6	\$736,204	16	\$9,488
Mar-21	Mar-20 to Feb-21	71.7	\$667,889	15	\$9,321
Apr-21	Apr-20 to Mar-21	69.6	\$656,731	13	\$9,439
May-21	May-20 to Apr-21	73.6	\$917,864	12	\$12,470
Jun-21	Jun-20 to May-21	43.3	\$630,190	10	\$14,545
Jul-21	Jul-20 to Jun-21	134.1	\$2,265,703	20	\$16,898
Aug-21	Aug-20 to Jul-21	131.1	\$2,238,560	23	\$17,072
Sep-21	Sep-20 to Aug-21	204.7	\$3,499,147	31	\$17,091
Oct-21	Oct-20 to Sep-21	210.0	\$3,664,844	33	\$17,455
Nov-21	Nov-20 to Oct-21	309.8	\$5,429,848	55	\$17,529
Dec-21	Dec-20 to Nov-21	310.0	\$5,432,348	54	\$17,523
Jan-22	Jan-21 to Dec-21	368.1	\$6,937,025	64	\$18,846
Feb-22	Feb-21 to Jan-22	548.8	\$8,783,951	91	\$16,007
Mar-22	Mar-21 to Feb-22	601.1	\$9,116,953	103	\$15,166
Apr-22	Apr-21 to Mar-22	680.8	\$12,274,023	107	\$18,028

^{1.} District Rule 2015(b)(6) - Backstop Provisions provides additional "evaluation and review of the compliance and enforcement aspects of the RECLAIM program" if the average annual RTC price exceeds \$15,000 per ton. The average annual RTC price is reported to the Board in the Annual RECLAIM Audit Report in March of each year.

Table IITwelve-Month Rolling Average Price Data for Compliance Year 2022 NOx RTCs (Report to Governing Board if rolling average price greater than \$22,500/ton)

Twelve-Month Rolling Average Price Data for Compliance Year 2022 NOx RTC					
Reporting Month	12-Month Period	Total Volume Traded with Price During Past 12-month (tons)	Total Price of Volume Traded During Past 12-month (\$)	Number of Trades with Price	Rolling Average Price ¹ (\$/ton)
Jan-22	Jan-21 to Dec-21	165.4	\$5,473,709	18	\$33,085
Feb-22	Feb-21 to Jan-22	165.4	\$5,473,709	18	\$33,085
Mar-22	Mar-21 to Feb-22	165.4	\$5,473,709	18	\$33,085
Apr-22	Apr-21 to Mar-22	193.6	\$6,611,522	22	\$34,146

^{1.} District Rule 2015(b)(6) - Backstop Provisions provides additional "evaluation and review of the compliance and enforcement aspects of the RECLAIM program" if the average annual RTC price exceeds \$15,000 per ton. The average annual RTC price is reported to the Board in the Annual RECLAIM Audit Report in March of each year.

Table IIIThree-Month Rolling Average Price Data for Compliance Year 2021 NOx RTCs (Report to Governing Board if rolling average price greater than \$35,000/ton)

Three-Month Rolling Average Price Data for Compliance Year 2021 NOx RTC					
Reporting Month	3-Month Period	Total Volume Traded with Price During Past 3- month (tons)	Total Price of Volume Traded During Past 3-month (\$)	Number of Trades with Price	Rolling Average Price (\$/ton)
Jan-21	Oct-20 to Dec-20	1.3	\$16,750	3	\$13,400
Feb-21	Nov-20 to Jan-21	2.9	\$38,049	5	\$13,218
Mar-21	Dec-20 to Feb-21	2.1	\$26,049	3	\$12,238
Apr-21	Jan-21 to Mar-21	1.6	\$21,299	2	\$13,079
May-21	Feb-21 to Apr-21	32.4	\$482,253	3	\$14,900
Jun-21	Mar-21 to May-21	32.4	\$482,253	3	\$14,900
Jul-21	Apr-21 to Jun-21	123.1	\$2,117,767	13	\$17,201
Aug-21	May-21 to Jul-21	95.9	\$1,718,259	15	\$17,921
Sep-21	Jun-21 to Aug-21	169.5	\$2,978,846	23	\$17,575
Oct-21	Jul-21 to Sep-21	84.0	\$1,509,029	15	\$17,974
Nov-21	Aug-21 to Oct-21	178.6	\$3,191,288	32	\$17,865
Dec-21	Sep-21 to Nov-21	106.0	\$1,945,201	25	\$18,346
Jan-22	Oct-21 to Dec-21	159.4	\$3,288,931	34	\$20,636
Feb-22	Nov-21 to Jan-22	241.9	\$3,392,151	41	\$14,024
Mar-22	Dec-21 to Feb-22	293.3	\$3,710,654	52	\$12,653
Apr-22	Jan-22 to Mar-22	314.4	\$5,358,297	45	\$17,045

Table IVThree-Month Rolling Average Price Data for Compliance Year 2022 NOx RTCs (Report to Governing Board if rolling average price greater than \$35,000/ton)

Th	Three-Month Rolling Average Price Data for Compliance Year 2022 NOx RTC											
Reporting Month	3-Month Period	Total Volume Traded with Price During Past 3- month (tons) Total Price of Volume Traded During Traded During Of Trades with Price		Rolling Average Price (\$/ton)								
Jan-22	Oct-21 to Dec-21	97.4	\$3,780,324	10	\$38,803							
Feb-22	Nov-21 to Jan-22	79.5	\$3,110,524	7	\$39,114							
Mar-22	Dec-21 to Feb-22	29.5	\$1,110,524	5	\$37,614							
Apr-22	Jan-22 to Mar-22	28.2	\$1,137,813	4	\$40,372							

Table VTwelve-Month Rolling Average Price Data for Compliance Year 2021 SOx RTCs (Report to Governing Board if rolling average price greater than \$50,000/ton)

Twe	elve-Month Rolling	Average Price Data	for Compliance Ye	ar 2021 SO	x RTC¹
Reporting Month	12-Month Period	Total Volume Traded with Price During Past 12- month (tons)	Total Price of Volume Traded During Past 12-month (\$)	Number of Trades with Price	Rolling Average Price ² (\$/ton)
Jan-21	Jan-20 to Dec-20	None	-	-	-
Feb-21	Feb-20 to Jan-21	None	-	-	-
Mar-21	Mar-20 to Feb-21	None	-	-	-
Apr-21	Apr-20 to Mar-21	None	-	-	-
May-21	May-20 to Apr-21	None	-	-	-
Jun-21	Jun-20 to May-21	None	-	-	-
Jul-21	Jul-20 to Jun-21	None	-	-	-
Aug-21	Aug-20 to Jul-21	None	-	-	-
Sep-21	Sep-20 to Aug-21	None	-	-	-
Oct-21	Oct-20 to Sep-21	None	-	-	-
Nov-21	Nov-20 to Oct-21	None	-	-	-
Dec-21	Dec-20 to Nov-21	None	-	-	-
Jan-22	Jan-21 to Dec-21	37.5	\$112,500	1	\$3,000
Feb-22	Feb-21 to Jan-22	37.5	\$112,500	1	\$3,000
Mar-22	Mar-21 to Feb-22	53.9	\$209,201	2	\$3,882
Apr-22	Apr-21 to Mar-22	53.9	\$209,201	2	\$3,882

^{1.} Pursuant to District Rule 2002(f)(1)(Q), the requirement to report 12-month rolling average SOx RTC price ended February 1, 2020. This table is provided as a courtesy.

^{2.} District Rule 2015(b)(6) - Backstop Provisions provides additional "evaluation and review of the compliance and enforcement aspects of the RECLAIM program" if the average annual RTC price exceeds \$15,000 per ton. The average annual RTC price is reported to the Board in the Annual RECLAIM Audit Report in March of each year.

Table VITwelve-Month Rolling Average Price Data for Compliance Year 2022 SOx RTCs (Report to Governing Board if rolling average price greater than \$50,000/ton)

Twe	Twelve-Month Rolling Average Price Data for Compliance Year 2022 SOx RTC ¹											
Reporting Month	12-Month Period	Total Volume Traded with Price During Past 12- month (tons)	Total Price of Volume Traded During Past 12-month (\$)	Number of Trades with Price	Rolling Average Price ² (\$/ton)							
Jan-22	Jan-21 to Dec-21	None	-	-	-							
Feb-22	Feb-21 to Jan-22	None	-	-	-							
Mar-22	Mar-21 to Feb-22	None	-	-	-							
Apr-22	Apr-21 to Mar-22	None	-	-	-							

^{1.} Pursuant to District Rule 2002(f)(1)(Q), the requirement to report 12-month rolling average SOx RTC price ended February 1, 2020. This table is provided as a courtesy.

 ^{2.} District Rule 2015(b)(6) - Backstop Provisions provides additional "evaluation and review of the compliance and enforcement aspects of the RECLAIM program" if the average annual RTC price exceeds \$15,000 per ton. The average annual RTC price is reported to the Board in the Annual RECLAIM Audit Report in March of each year.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT GENERAL COUNSEL'S OFFICE

Settlement Penalty Report (03/01/2022 - 03/31/2022)

Total Penalties

Civil Settlement: \$1,453,778.00

Criminal Referral Settlement : \$6,985.05

MSPAP Settlement : \$17,390.00

Hearing Board Settlement : \$10,000.00

Total Cash Settlements: \$1,488,153.05

Fiscal Year through 03/31/2022 Cash Total: \$4,374,940.40

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
157047	AIR CLEAN ENVIRONMENTAL, INC.	1403, 40 CFR 61.145	03/15/2022	SH	P65514, P69232	\$2,500.00
186190	ARMSTRONG & ACEVES COMPANY INC	402, H&S 41700	03/15/2022	SH	P69357	\$5,000.00
181502	AXALTA COATING SYSTEMS, LLC	109, 203(a), 1151, 1171	03/02/2022	JL, WW	P66783, P67029, P68649, P69906, P69907, P73806, P73807, P73808, P73809, P73853, P73854, P73855, P73856, P73856, P73858, P73859, P73860, P73861, P73862, P73863, P73864, P73865, P73866, P74002, P74003, P74004	\$1,377,328.00
173694	DECRON PROPERTIES	1403, 40 CFR 61.145	03/24/2022	JL	P65426	\$9,000.00
12841	HARTWELL CORP	203, 1469	03/24/2022	JL	P67446, P72905, P72936	\$23,750.00
187918	HM COLLISION	109, 203(A)	03/15/2022	JL	P65590, P67734	\$1,200.00
191250	ISAAC OREN	1403	03/30/2022	NS	P70506	\$5,000.00
5973	SOCAL GAS CO	2004, 3002	03/24/2022	JL	P69283, P69286, P69287, P69292, P69294	\$15,000.00
121536	STAPLES, INC.	203(a), 2202	03/18/2022	JL	P64784, P65867, P65872, P69057, P70255	\$15,000.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Criminal R	Referral					
181837	J&C CONTRACTORS INC/DBA J&C ENVIRON	1403	03/24/2022	GV	P65944	\$6,985.05
Total Crim	ninal Referral Settlements : \$6,985.05					
Hearing B	oard					
104234	SCAQMD v. Mission Foods	202, 203(b), 1153.1, 1303	03/24/2022	KCM	5400-4	\$10,000.00
Total Hear	ring Board Settlements : \$10,000.00					
MODAD						
MSPAP 57534	A & G JONES DRY CLEANING INC	1421	03/18/2022	GC	P68266	\$660.00
157282	A & G JONES DRY CLEANING INC ARANZA'S AUTO BODY & PAINT		03/18/2022	GC	P69380	\$680.00 \$680.00
8309	CAMBRO MANUFACTURING CO	1171(c)(1)	03/18/2022	GC	P69360 P68563	\$3,400.00
		1171(c)(1), 3002(c)(1)				
183613	GENUINE CUSTOMS COLLISION CENTER	1151	03/25/2022	GC TCF	P68722	\$800.00
121367	LAYMON CANDY CO INC	203	03/25/2022	_	P68274	\$500.00
187916	LIMOS BY MOONLIGHT	1171(c)(1)	03/29/2022	TCF	P69372	\$800.00
179712	LOUIS VUITTON US MANUFACTURING	203	03/25/2022	TCF	P69315	\$500.00
137145	MAPEI CORPORATION	203	03/29/2022	TCF	P68733	\$2,000.00
188286	MIRAGE CONSTRUCTION INC.	1403	03/09/2022	TCF	P67626	\$500.00
64167	PETRO BUILDERS INC	1166	03/25/2022	TCF	P70162	\$500.00
167335	PRO LINE BODY SHOP/PRO LINE AUTO CO.	203(a), 1151(e)(1)	03/09/2022	TCF	P68577	\$800.00
95505	R & R AUTO BODY	1171(c)(1)(A)(i)	03/09/2022	TCF	P69312	\$375.00
147971	REPUBLIC MASTER CHEFS	1146	03/29/2022	TCF	P69902	\$800.00
107320	SANTA ANITA GOLF COURSE	461	03/29/2022	TCF	P69663, P73704	\$1,600.00
159865	SLG CRENSHAW SHELL, INC	461	03/09/2022	TCF	P70217	\$300.00
190940	SOOFER, HOOSHMAND TR; H SOOFER TRUST	1403	03/09/2022	GV	P69746	\$375.00
171675	TESORO (ARCO) #63310	461, H&S 41960.2	03/29/2022	GC	P69604	\$800.00
152056	TESORO SOUTH COAST CO., LLC	461, H&S 41960.2	03/30/2022	TCF	P70454	\$2,000.00

SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX FOR MARCH 2022 PENALTY REPORT

REGULATION I - GENERAL PROVISIONS

Rule 109 Recordkeeping for Volatile Organic Compound Emissions

REGULATION II - PERMITS

Rule 202 Temporary Permit to Operate

Rule 203 Permit to Operate

REGULATION IV - PROHIBITIONS

Rule 402 Nuisance

Rule 461 Gasoline Transfer and Dispensing

REGULATION XI - SOURCE SPECIFIC STANDARDS

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

and Process Heaters

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 1166 Volatile Organic Compound Emissions from Decontamination of Soil

Rule 1171 Solvent Cleaning Operations

REGULATION XIII - NEW SOURCE REVIEW

Rule 1303 Requirements

REGULATION XIV - TOXICS

Rule 1403 Asbestos Emissions from Demolition/Renovation Activities

Rule 1421 Control of Perchloroethylene Emissions from Dry Cleaning Operations

Rule 1469 Hexavalent Chromium Emissions from Chrome Plating and Chromic Acid Anodizing Operations

REGULATION XX REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

Rule 2004 Requirements

REGULATION XXXTITLE V PERMITS

Rule 3002 Requirements

REGULATION XXII ON-ROAD MOTOR VEHICLE MITIGATION

Rule 2202 On-Road Motor Vehicle Mitigation Options

CALIFORNIA HEALTH AND SAFETY CODE

41700 Prohibited Discharges 41960.2 Gasoline Vapor Recovery

CODE OF FEDERAL REGULATIONS

40 CFR 61.145 Standard for Demolition and Renovation



BOARD MEETING DATE: May 6, 2022

AGENDA NO. 25

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a meeting remotely on Friday,

April 15, 2022. The following is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file.

Rex Richardson, Chair Technology Committee

MMM:psc

Committee Members

Present: Supervisor Andrew Do

Board Member Gideon Kracov

Mayor Larry McCallon

Board Member Veronica Padilla-Campos

Vice Mayor Rex Richardson, Chair

Absent: Mayor Carlos Rodriguez

Call to Order

Chair Richardson called the meeting to order at 12:00 p.m.

ACTION ITEMS:

1. School Air Filtration Program for Private Schools and Daycare Facilities in AB 617 Communities using CARB Supplemental Environmental Project Funds CARB has requested South Coast AQMD administer a Supplemental Environmental Project (SEP) to install and maintain air filtration systems at schools in AB 617 communities. As a result, the establishment of a new special revenue fund is required to facilitate program tracking and auditing. These actions are to: 1) establish CARB SEP Special Revenue Fund (87); 2) recognize up to \$1,275,000 into CARB SEP Special Revenue Fund (87); 3) execute an agreement with CARB for South Coast AQMD to administer this SEP; 4) reimburse the General Fund for

administrative costs of up to \$89,250 from CARB SEP Special Revenue Fund (87); 5) issue Program Announcement PA# 2022-03 to solicit proposals from K-12 private schools and private daycare facilities for installation and maintenance of air filtration systems; and 6) execute contracts with K-12 private schools and private daycare facilities or their contractors for selected eligible projects and maintain an eligible wait list for projects from this Program Announcement for installation and maintenance of air filtration systems in AB 617 communities in an amount up to \$1,185,750 from CARB SEP Special Revenue Fund (87).

Board Member Kracov commented that he does not have a financial interest but is required to identify for the record that he is a Board Member of CARB, which is involved in this item.

Mayor Larry McCallon asked how many air filtration systems will be installed at private schools and daycare facilities with the funding from the SEP. Staff responded that the number of air filtration systems installed at private schools and daycare facilities would depend on the type of systems (e.g., portable and HVAC systems) but expects more than five. Executive Officer Wayne Nastri reminded committee members that the SEP is limited to funding schools within AB 617 communities.

Ranji George, a member of the public, expressed appreciation for the funds available for private schools.

Moved by McCallon; seconded by Kracov; unanimously approved.

Ayes: Do, Kracov, McCallon, Padilla-Campos, Richardson

Noes: None Abstain: None Absent: Rodriguez

2. Transfer Funds Between Major Objects and Execute Purchase Orders for AQ-SPEC Program

In July 2014, AQ-SPEC was established to perform systematic, detailed characterizations of currently available air monitoring sensors using both field and laboratory-based testing and to communicate the results to the public. AQ-SPEC funds are included as part of Science & Technology Advancement's FY 2021-22 adopted budget. Based on an assessment of the existing priorities and resources of this program, there is a need to reallocate funds. This action is to transfer up to \$85,000 between Major Objects and to execute purchase orders for air monitoring equipment.

Moved by McCallon; seconded by Kracov; unanimously approved.

Ayes: Do, Kracov, McCallon, Padilla-Campos, Richardson

Noes: None Abstain: None Absent: Rodriguez

3. Recognize Revenue, Execute Contracts for Cleaner Freight California and Reimburse General Fund

South Coast AQMD has been awarded up to \$2,349,995 from U.S. EPA to replace diesel cargo handling equipment with innovative zero-emission electric alternatives. These actions are to recognize revenue, upon receipt, of up to \$2,349,995 from the U.S. EPA FY21 Clean Diesel Funding Assistance Program into the Advanced Technology, Outreach and Education Fund (17) for electrification of cargo handling equipment. These actions are to also execute contracts with 1) Albertsons Companies to replace diesel yard hostlers with zero-emission, all-electric hostlers in an amount not to exceed\$1,314,879; 2) McLane Company to replace diesel yard tractors with zero-emission, all-electric yard hostlers in an amount not to exceed \$730,489; 3) Long Beach Container Terminal to replace intermodal cargo handling equipment with zero-emission, all-electric units in an amount not to exceed \$180,000 from the Advanced Technology, Outreach and Education Fund (17); and 4) reimburse the General Fund up to\$124,627 from the Advanced Technology, Outreach and Education Fund (17) for staff administrative costs.

Vice Mayor Richardson commented that he does not have a financial interest but is required to identify for the record that he is the Vice Mayor for the City of Long Beach, which is involved in this item.

Board Member Padilla-Campos inquired about yard hostlers and how they operate within the facility. Staff explained that a yard hostler is a vehicle to move containers at a facility and can operate in tight spaces. Board Member Padilla-Campos also inquired about the funding mechanism of the EPA grant. Staff explained the contractual structure of the grant and that South Coast AQMD is the primary contractor with EPA and will execute sub-contracts with project partners.

Mr. George commented on the importance of balancing efforts for battery electric and fuel cell technology.

Moved by McCallon; seconded by Do; unanimously approved.

Ayes: Do, Kracov, McCallon, Padilla-Campos, Richardson

Noes: None Abstain: None Absent: Rodriguez

4. Release RFP, Issue RFQs and Execute Purchase Orders and Contracts to Purchase and Deploy Portable Air Cleaners at Wildfire Smoke Clean Air Centers

AB 836 provided \$5 million in statewide funding to create Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program to upgrade ventilation systems and deploy portable air cleaners for residents displaced by wildfires and other smoke events. In September 2021, the Board approved release of an RFP and execution of contracts. No applications were received, and staff received feedback from an interested organization that they do not have the administrative capability to purchase portable air cleaners and then seek reimbursement under a contract. These actions are to: 1) release RFP #P2022-10 to solicit organizations to deploy portable air cleaners at Wildfire Smoke Clean Air Centers; 2) issue RFQs to solicit quotations and subsequently execute purchase orders for portable air cleaners along with replacement filters in an amount up to \$231,250 from the Air Filtration Fund (75); and 3) execute contract(s) with organizations to deploy portable air cleaners at Wildfire Smoke Clean Air Centers.

Board Member Kracov commented that he does not have a financial interest but is required to identify for the record that he is a Board Member of CARB, which is involved in this item.

Mayor McCallon commented that it would be more efficient to issue the RFQ and RFP at the same time. Staff responded they will need to work with the selected organization(s) to help with the RFQ to ensure air filtration devices are purchased based on the size of the centers they will be establishing and how they will be storing the air filtration devices.

Board Member Padilla-Campos asked if South Coast AQMD received any applications in the first round of the release of the RFP and which organizations are eligible to apply. Staff responded that no applications were received in the first round, and organizations capable of setting up shelters to temporarily accommodate residents during the fire season are eligible to apply and participate. Board Member Padilla-Campos asked how the RFP will be advertised. Staff responded that the RFP would be announced on the dedicated AB 836 website along with other outreach materials. Board Member Padilla-Campos suggested that staff also use social media to promote the RFP.

Moved by Kracov; seconded by Do; unanimously approved.

Ayes: Do, Kracov, McCallon, Padilla-Campos, Richardson

Noes: None Abstain: None Absent: Rodriguez

OTHER MATTERS:

5. Other Business

Vice Mayor Richardson acknowledged and thanked Matt Miyasato's for his contributions to the agency. Matt Miyasato commented that he will be taking a position at First Element Fuel, where he will continue to help clean the air.

6. Public Comment Period

Mr. George commented about committee meetings being held on holidays.

7. Next Meeting Date

The next regular Technology Committee meeting is scheduled for Friday, June 17, 2022, at noon.

Adjournment

The meeting adjourned at 12:40p.m.

Attachment

Attendance Record

ATTACHMENT

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT TECHNOLOGY COMMITTEE MEETING Attendance Record – April 15, 2022

Supervisor Andrew Do	
Board Member Gideon Kracov	
Mayor Larry McCallon	
Board Member Veronica Padilla-Campos	
Vice Mayor Rex Richardson	South Coast AQMD Board Member
Chris Wangsanarn	Poord Consultant (Do)
Chris Wangsaporn	
Amy Wong	
Ross Zelen	Board Consultant (Kracov)
Mark Abramowitz	Public Member
Naveen Berry	Public Member
Scott Gallegos	
Ranji George	Public Member
Parker Houston	
Fred Minassian	Public Member
David Rothbart	Public Member
Debra Ashby	
Jason Aspell	
Cindy Bustillos	
Penny Shaw Cedillo	
Marjorie Eaton	South Coast AQMD Staff
Daniel Garcia	South Coast AQMD Staff
Christina Kusnandar	
Seungbum Ha	South Coast AQMD Staff
Maryam Hajbabaei	South Coast AQMD Staff
Sheri Hanizavareh	
Mark Henninger	South Coast AQMD Staff
Anissa Heard-Johnson	South Coast AQMD Staff
Aaron Katzenstein	South Coast AQMD Staff
Jason Low	South Coast AQMD Staff
Matt Miyasato	South Coast AQMD Staff
Susan Nakamura	South Coast AQMD Staff
Wayne Nastri	South Coast AQMD Staff
Andrea Polidori	South Coast AQMD Staff
Walter Shen	South Coast AQMD Staff
Alex Vega	South Coast AQMD Staff
Donna Vernon	
Mei Wang	South Coast AQMD Staff
Paul Wright	



BOARD MEETING DATE: May 6, 2022

AGENDA NO. 26

REPORT: Mobile Source Air Pollution Reduction Review Committee

SYNOPSIS: The Mobile Source Air Pollution Reduction Review Committee

held a hybrid meeting on Thursday, April 21, 2022. The following

is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file.

Ben J. Benoit South Coast AQMD Representative to MSRC

MMM:AK:CR:av

FYs 2016-18 Work Program

Hydrogen Infrastructure Partnership Program

As part of the FYs 2016-18 Hydrogen Infrastructure Partnership Program, the MSRC approved an award of \$1,660,000 to Nikola Energy, Inc. (Nikola) to install a publicly accessible hydrogen fueling station in Ontario, California. The station was to be installed on the property of Nikola's partner, Travel Centers of America (TA). After the award, clarification was obtained that the fueling infrastructure would be owned by a special purpose entity established by Nikola and TA: Nikola-TA Hydrogen Refueling Station 1, LLC (a Delaware limited liability company). To enhance accountability in administration of the project, it was recommended that the MSRC substitute Nikola-TA Hydrogen Refueling Station 1, LLC as recipient of the award, in that they are the entity which will actually own the infrastructure. The MSRC considered and approved the substitute award recipient.

FYs 2021-24 Work Program

Major Event Center Transportation Program

The MSRC approved the release of a Program Announcement under the FYs 2021-24 Work Program. The Program Announcement, with an initial targeted funding amount of \$3,000,000, solicits applications from qualifying major event centers and/or transportation providers to provide transportation service for venues not currently

served by sufficient transportation service. A geographical funding minimum has been set at \$250,000 per county, which will be made available to projects from other counties if there are insufficient qualifying projects within a county. To qualify, an event center must have an occupancy capacity of at least 7,500, and an average event attendance of at least 5,000. The applicant must demonstrate that the center is impacted by traffic to the extent that the design capacity of the surrounding streets is exceeded. Applications may be submitted at any time from May 6 to October 28, 2022, and projects will be brought to the MSRC for consideration of awards throughout this period. Applicants are eligible to propose a maximum of two consecutive event seasons and are obligated to continue performing services for an additional two consecutive event seasons.

Transformative Transportation Strategies & Mobility Solutions Program

The MSRC also approved the release of a Program Opportunity Notice (PON) under the FYs 2021-24 Work Program. The PON, with a targeted funding amount of \$3,000,000, seeks the submittal of conceptual projects that offer to demonstrate new and innovative transportation strategies, beyond traditional transportation demand strategies, which would be replicable on a broader scale throughout the South Coast region. The PON has a clear focus on "people movement" as opposed to goods movement. Project concepts may be submitted at any time from May 6 to August 5, 2022. Upon receipt of a project concept, the MSRC could a) request a more detailed proposal for possible sole-source award; b) notify entities that an RFP will be issued at a later date; or c) decline the funding request.

Contract Modification Request

The MSRC considered one contract modification request and took the following actions:

• City of Diamond Bar (Contract #ML18031) - provides \$73,930 to install an EV charging station, procure two light-duty zero emission vehicles and one heavy-duty near-zero emission vehicle, approval of a reduced scope and value and twelvemonth 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 February 24 through March 30, 2022 is attached (*Attachment 1*).

Attachment

February 24 through March 30, 2022 Contracts Administrator's Report



MSRC Agenda Item No. 3

DATE: April 21, 2022

FROM: Cynthia Ravenstein

SUBJECT: AB 2766 Contracts Administrator's Report

SYNOPSIS: This report covers key issues addressed by MSRC staff, status of

open contracts, and administrative scope changes from February

24 to March 30, 2022.

RECOMMENDATION: Receive and file report

WORK PROGRAM IMPACT: None

Contract Execution Status

2018-21 Work Program

On April 5, 2019, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is executed.

On September 6, 2019, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is executed.

On December 6, 2019, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is executed.

On September 4, 2020, the SCAQMD Governing Board approved an award under the Last Mile component of the MSRC's Regional Goods Movement Program. This contract is executed.

On April 2, 2021, the SCAQMD Governing Board approved five awards under the Zero and Near-Zero Emission Cargo Handling Equipment at Warehouse, Distribution and Intermodal Facilities in Riverside and San Bernardino Counties Program and ten awards under the Zero and Near-Zero Emission Trucking to Warehouse, Distribution and Intermodal Facilities in Riverside and San Bernardino Counties Program. These contracts are under development, undergoing internal review, with the prospective contractor for signature, or executed.

On June 4, 2021, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is with the prospective contractor for signature.

Work Program Status

Contract Status Reports for Work Program years with open and/or pending contracts are attached.

FY 2010-11 Work Program Contracts

One contract from this Work Program year is open; and 2 are in "Open/Complete" status, having completed all obligations except operations.

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 5 are in "Open/Complete" status.

FY 2011-12 Invoices Paid

No invoices were paid during this period.

FYs 2012-14 Work Program Contracts

7 contracts from this Work Program year are open, and 16 are in "Open/Complete" status. One contract closed during this period: City of La Habra, Contract #ML14061 – Purchase 2 Heavy-Duty CNG Vehicles.

FYs 2012-14 Invoices Paid

No invoices were paid during this period.

FYs 2014-16 Work Program Contracts

23 contracts from this Work Program year are open, and 34 are in "Open/Complete" status. 3 contracts moved into "Open/Complete" status during this period: City of El Monte, Contract #ML16083 – Install EV Charging Infrastructure; Omnitrans, Contract #MS16117 – Expansion of Existing CNG Infrastructure; and Omnitrans, Contract #MS16118 – Expansion of Existing CNG Infrastructure.

FYs 2014-16 Invoices Paid

2 invoices totaling \$171,000.00 were paid during this period.

FYs 2016-18 Work Program Contracts

81 contracts from this Work Program year are open, and 57 are in "Open/Complete" status. 3 contracts moved into "Open/Complete" status during this period: City of Chino, Contract #ML18056 – Install EV Charging Infrastructure; City of Murrieta, Contract #ML18087 – Install EV Charging Infrastructure; and City of Alhambra, Contract #ML18169 – Install EV Charging Infrastructure.

FYs 2016-18 Invoices Paid

2 invoices totaling \$375,973.31 were paid during this period.

FYs 2018-21 Work Program Contracts

11 contracts from this Work Program year are open.

FYs 2018-21 Invoices Paid

4 invoices totaling \$5,227.15 were paid during this period.

Administrative Scope Changes

2 administrative scope changes were initiated during the period from February 24 to March 30, 2022:

- Geographics, Contract #MS21006 (Host & Maintain MSRC Website) Add hourly rate for web development, which was inadvertently omitted originally, to rate table
- Better World Group, Contract #MS21002 (Programmatic Outreach Services) Add option clause for two additional years, subject to approval by MSRC and South Coast AQMD Governing Board, which was inadvertently omitted originally

Attachments

• FY 2008-09 through FYs 2018-21 (except FY 2009-10) Contract Status Reports



AB2766 Discretionary Fund Program Invoices

February 24 to March 30, 2022

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
2014-	2016 Work Prog	ram					
3/15/2022	3/30/2022	3/31/2022		MS16121	Long Beach Transit	8	\$85,500.00
2/24/2022	3/10/2022	3/11/2022		MS16121	Long Beach Transit	7	\$85,500.00
Total: \$171,0	00.00						
2016-	2018 Work Prog	ram					
3/15/2022	3/30/2022	3/31/2022		ML18098	City of Redondo Beach	FINAL	\$89,400.00
3/8/2022	3/10/2022	3/11/2022		MS18002	Southern California Association of Governments	MS18002-17	\$286,573.31
Total: \$375,9	73.31						
2018-	2021 Work Prog	ram					
3/29/2022	3/30/2022	3/31/2022		MS21002	Better World Group Advisors	WG-MSRC2	\$1,801.25
3/29/2022	3/30/2022	3/31/2022		MS21002	Better World Group Advisors	WG-MSRC2	\$2,872.65
3/29/2022	3/30/2022	3/31/2022	31/2022 MS		Geographics	22-22724	\$180.25
3/9/2022	3/10/2022	3/11/2022		MS21006	Geographics	22-22723	\$373.00

Total: \$5,227.15

Total This Period: \$552,200.46



FYs 2008-09 Through 2018-21 AB2766 Contract Status Report

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2008	3-2009 Contracts								
Declined/C	ancelled Contracts								
ML09017	County of San Bernardino Public Wo	1/28/2010	7/27/2016		\$200,000.00	\$0.00	8 Nat. Gas Heavy-Duty Vehicles	\$200,000.00	No
ML09018	Los Angeles Department of Water an	7/16/2010	9/15/2012		\$850,000.00	\$0.00	Retrofit 85 Off-Road Vehicles w/DECS	\$850,000.00	No
ML09019	City of San Juan Capistrano Public	12/4/2009	11/3/2010		\$10,125.00	\$0.00	Remote Vehicle Diagnostics/45 Vehicles	\$10,125.00	No
ML09022	Los Angeles County Department of P				\$8,250.00	\$0.00	Remote Vehicle Diagnostics/15 Vehicles	\$8,250.00	No
ML09025	Los Angeles County Department of P	10/15/2010	12/14/2012	6/14/2013	\$50,000.00	\$0.00	Remote Vehicle Diagnostics/85 Vehicles	\$50,000.00	No
ML09028	Riverside County Waste Manageme				\$140,000.00	\$0.00	Retrofit 7 Off-Road Vehicles w/DECS	\$140,000.00	No
ML09039	City of Inglewood				\$310,000.00	\$0.00	Purchase 12 H.D. CNG Vehicles and Remot	\$310,000.00	No
ML09040	City of Cathedral City				\$83,125.00	\$0.00	Purchase 3 H.D. CNG Vehicles and Remote	\$83,125.00	No
ML09044	City of San Dimas				\$425,000.00	\$0.00	Install CNG Station and Purchase 1 CNG S	\$425,000.00	No
ML09045	City of Orange				\$125,000.00	\$0.00	Purchase 5 CNG Sweepers	\$125,000.00	No
Total: 10				11		1		1	
Closed Cor	ntracts								
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/Inco	omplete 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/Comp	olete Contracts								

\$875,000.00

\$875,000.00

Purchase 35 Natural Gas Refuse Trucks

\$0.00

Yes

ML09036 Total: 1 City of Long Beach

5/7/2010

5/6/2017

11/6/2022

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2010	0-2011 Contracts								
Open Cont	racts								
ML11029	City of Santa Ana	9/7/2012	3/6/2020	3/6/2023	\$262,500.00	\$75,000.00	Expansion of Existing CNG Station, Install N	\$187,500.00	No
Total: 1					<u> </u>	<u> </u>	, , , , , , , , , , , , , , , , , , , ,	1	
Declined/C	ancelled Contracts								
ML11038	City of Santa Monica	5/18/2012	7/17/2018		\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No
MS11013	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Huntington Beach	\$150,000.00	No
MS11014	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Santa Ana	\$150,000.00	No
MS11015	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Inglewood	\$150,000.00	No
MS11046	Luis Castro				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11047	Ivan Borjas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11048	Phase II Transportation				\$1,080,000.00	\$0.00	Repower 27 Heavy-Duty Vehicles	\$1,080,000.00	No
MS11049	Ruben Caceras				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11050	Carlos Arrue				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11051	Francisco Vargas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11053	Jose Ivan Soltero				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11054	Albino Meza				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11059	Go Natural Gas				\$150,000.00	\$0.00	New Public Access CNG Station - Paramou	\$150,000.00	No
MS11063	Standard Concrete Products				\$310,825.00	\$0.00	Retrofit Two Off-Road Vehicles under Showc	\$310,825.00	No
MS11070	American Honda Motor Company				\$100,000.00	\$0.00	Expansion of Existing CNG Station	\$100,000.00	No
MS11072	Trillium USA Company DBA Californi				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS11077	DCL America Inc.				\$263,107.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$263,107.00	No
MS11083	Cattrac Construction, Inc.				\$500,000.00	\$0.00	Install DECS on Eight Off-Road Vehicles	\$500,000.00	No
MS11084	Ivanhoe Energy Services and Develo				\$66,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$66,750.00	No
MS11088	Diesel Emission Technologies				\$32,750.00	\$0.00	Retrofit Three H.D. Off-Road Vehicles Under	\$32,750.00	No
MS11089	Diesel Emission Technologies				\$9,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$9,750.00	No
MS11090	Diesel Emission Technologies				\$14,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$14,750.00	No
Total: 22									
Closed Cor	ntracts								
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

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Cont.#	Contractor	Start Date				Remitted	Project Description		Complete?
ML11027	City of Los Angeles, Dept. of General	5/4/2012	7/3/2015	1/3/2016	\$300,000.00	\$300,000.00	Maintenance Facility Modifications	\$0.00	Yes
ML11028	City of Glendale	1/13/2012	5/12/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. CNG Vehicles	\$0.00	Yes
ML11030	City of Fullerton	2/3/2012	3/2/2018		\$109,200.00	\$109,200.00	Purchase 2 Nat. Gas H.D. Vehicles, Retrofit	\$0.00	Yes
ML11031	City of Culver City Transportation De	12/2/2011	12/1/2018	10/1/0000	\$300,000.00	\$300,000.00	Purchase 10 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11032	City of Gardena	3/2/2012	9/1/2018	10/1/2020	\$102,500.00	\$102,500.00	Purchase Heavy-Duty CNG Vehicle, Install S	\$0.00	Yes
ML11033	City of Los Angeles, Bureau of Sanit	3/16/2012	1/15/2019		\$1,080,000.00	\$1,080,000.00	Purchase 36 LNG H.D. Vehicles	\$0.00	Yes
ML11034	City of Los Angeles Dept of General	5/4/2012	1/3/2019	1	\$630,000.00	\$630,000.00	Purchase 21 H.D. CNG Vehicles	\$0.00	Yes
ML11035	City of La Quinta	11/18/2011	11/17/2012		\$25,368.00	\$25,368.00	Retrofit 3 On-Road Vehicles w/DECS	\$0.00	Yes
ML11036	City of Riverside	1/27/2012	1/26/2019	3/26/2021	\$670,000.00	\$670,000.00	Install New CNG Station, Purchase 9 H.D. N	\$0.00	Yes
ML11037	City of Anaheim	12/22/2012	12/21/2019		\$300,000.00	\$300,000.00	Purchase 12 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11039	City of Ontario, Housing & Municipal	1/27/2012	9/26/2018		\$180,000.00	\$180,000.00	Purchase 6 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11040	City of South Pasadena	5/4/2012	1/3/2019	1/3/2022	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
ML11041	City of Santa Ana	9/7/2012	11/6/2018	1/6/2021	\$265,000.00	\$244,651.86	Purchase 7 LPG H.D. Vehicles, Retrofit 6 H.	\$20,348.14	Yes
ML11042	City of Chino	2/17/2012	4/16/2018		\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle, Repower	\$0.00	Yes
ML11043	City of Hemet Public Works	2/3/2012	2/2/2019		\$60,000.00	\$60,000.00	Purchase 2 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11044	City of Ontario, Housing & Municipal	1/27/2012	6/26/2019		\$400,000.00	\$400,000.00	Expand Existing CNG Station	\$0.00	Yes
ML11045	City of Newport Beach	2/3/2012	8/2/2018	3/2/2021	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
MS11001	Mineral LLC	4/22/2011	4/30/2013	4/30/2015	\$111,827.00	\$103,136.83	Design, Develop, Host and Maintain MSRC	\$8,690.17	Yes
MS11002	A-Z Bus Sales, Inc.	7/15/2011	12/31/2011	6/30/2013	\$1,705,000.00	\$1,705,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11003	BusWest	7/26/2011	12/31/2011	12/31/2012	\$1,305,000.00	\$1,305,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11004	Los Angeles County MTA	9/9/2011	2/29/2012		\$450,000.00	\$299,743.34	Clean Fuel Transit Service to Dodger Stadiu	\$150,256.66	Yes
MS11006	Orange County Transportation Autho	10/7/2011	2/29/2012	8/31/2012	\$268,207.00	\$160,713.00	Metrolink Service to Angel Stadium	\$107,494.00	Yes
MS11008	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11009	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11010	Border Valley Trading	8/26/2011	10/25/2017	4/25/2020	\$150,000.00	\$150,000.00	New LNG Station	\$0.00	Yes
MS11011	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Signal Hill	\$0.00	Yes
MS11012	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Buena Park	\$0.00	Yes
MS11016	CR&R Incorporated	4/12/2013	10/11/2019		\$100,000.00	\$100,000.00	New CNG Station - Perris	\$0.00	Yes
MS11017	CR&R, Inc.	3/2/2012	2/1/2018		\$100,000.00	\$100,000.00	Expansion of existing station - Garden Grove	\$0.00	Yes
MS11018	Orange County Transportation Autho	10/14/2011	1/31/2012		\$211,360.00	\$211,360.00	Express Bus Service to Orange County Fair	\$0.00	Yes
MS11019	City of Corona	11/29/2012	4/28/2020		\$225,000.00	\$225,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11052	Krisda Inc	9/27/2012	6/26/2013		\$120,000.00	\$120,000.00	Repower Three Heavy-Duty Vehicles	\$0.00	Yes
MS11055	KEC Engineering	2/3/2012	8/2/2018	8/2/2019	\$200,000.00	\$200,000.00	Repower 5 H.D. Off-Road Vehicles	\$0.00	Yes
MS11056	Better World Group Advisors	12/30/2011	12/29/2013	12/29/2015	\$206,836.00	\$186,953.46	Programmatic Outreach Services	\$19,882.54	Yes
MS11057	Riverside County Transportation Co	7/28/2012	3/27/2013		\$100,000.00	\$89,159.40	Develop and Implement 511 "Smart Phone"	\$10,840.60	Yes
MS11058	L A Service Authority for Freeway E	5/31/2013	4/30/2014		\$123,395.00	\$123,395.00	Implement 511 "Smart Phone" Application	\$0.00	Yes
MS11060	Rowland Unified School District	8/17/2012	1/16/2019	1/16/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS11061	Eastern Municipal Water District	3/29/2012	5/28/2015		\$11,659.00	\$1,450.00	Retrofit One Off-Road Vehicle under Showc	\$10,209.00	Yes
MS11062	Load Center	9/7/2012	1/6/2016	12/6/2016	\$175,384.00	\$169,883.00	Retrofit Six Off-Road Vehicles under Showc	\$5,501.00	Yes
MS11065	Temecula Valley Unified School Distr	8/11/2012	1/10/2019		\$50,000.00	\$48,539.62	Expansion of Existing CNG Station	\$1,460.38	Yes
MS11066	Torrance Unified School District	11/19/2012	9/18/2018		\$42,296.00	\$42,296.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11067	City of Redlands	5/24/2012	11/23/2018	11/23/2019	\$85,000.00	\$85,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11068	Ryder System Inc.	7/28/2012	10/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Fontana)	\$0.00	Yes
MS11069	Ryder System Inc.	7/28/2012	8/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Orange)	\$0.00	Yes
MS11071	City of Torrance Transit Department	12/22/2012	1/21/2019	1/21/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11074	SunLine Transit Agency	5/11/2012	7/31/2012		\$41,849.00	\$22,391.00	Transit Service for Coachella Valley Festival	\$19,458.00	Yes
MS11079	Bear Valley Unified School District	2/5/2013	10/4/2019		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11080	Southern California Regional Rail Aut	4/6/2012	7/31/2012		\$26,000.00	\$26,000.00	Metrolink Service to Auto Club Speedway	\$0.00	Yes
MS11086	DCL America Inc.	6/7/2013	10/6/2016		\$500,000.00	\$359,076.96	Retrofit Eight H.D. Off-Road Vehicles Under	\$140,923.04	Yes
MS11087	Cemex Construction Material Pacific,	10/16/2012	2/15/2016		\$448,766.00	\$448,760.80	Retrofit 13 H.D. Off-Road Vehicles Under Sh	\$5.20	Yes
MS11092	Griffith Company	2/15/2013	6/14/2016	12/14/2017	\$390,521.00	\$78,750.00	Retrofit 17 H.D. Off-Road Vehicles Under Sh	\$311,771.00	Yes
Total: 58									
Closed/Inco	omplete Contracts								
MS11064	City of Hawthorne	7/28/2012	8/27/2018	8/27/2019	\$175,000.00	\$0.00	New Limited Access CNG Station	\$175,000.00	No
MS11076	SA Recycling, LLC	5/24/2012	9/23/2015		\$424,801.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$424,801.00	No
MS11081	Metropolitan Stevedore Company	9/7/2012	1/6/2016		\$45,416.00	\$0.00	Install DECS on Two Off-Road Vehicles	\$45,416.00	No
MS11082	Baumot North America, LLC	8/2/2012	12/1/2015		\$65,958.00	\$4,350.00	Install DECS on Four Off-Road Vehicles	\$61,608.00	Yes
MS11085	City of Long Beach	8/23/2013	12/22/2016		\$159,012.00	\$0.00	Retrofit Seven H.D. Off-Road Vehicles Unde	\$159,012.00	No
MS11091	California Cartage Company, LLC	4/5/2013	8/4/2016	2/4/2018	\$55,000.00	\$0.00	Retrofit Two H.D. Off-Road Vehicles Under	\$55,000.00	No
Total: 6									
Open/Comp	olete 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

\$175,000.00

\$175,000.00

Expansion of Existing CNG Station

Yes

\$0.00

MS11073 Total: 2 Los Angeles Unified School District

9/11/2015

2/10/2022

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 201	1-2012 Contracts								
Open Cont	tracts								
ML12014	City of Santa Ana	11/8/2013	8/7/2020	2/7/2022	\$338,000.00	\$4,709.00	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$333,291.00	No
ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	12/13/2026	\$400,000.00	\$0.00	Install New CNG Station	\$400,000.00	No
ML12090	City of Palm Springs	10/9/2015	10/8/2021	9/8/2025	\$21,163.00	\$0.00	EV Charging Infrastructure	\$21,163.00	No
ML12091	City of Bellflower	10/5/2018	10/4/2019	6/30/2022	\$100,000.00	\$34,759.94	EV Charging Infrastructure	\$65,240.06	No
Total: 4					<u> </u>		1 0 0		
Declined/C	Cancelled Contracts								
ML12016	City of Cathedral City	1/4/2013	10/3/2019		\$60,000.00	\$0.00	CNG Vehicle & Electric Vehicle Infrastructur	\$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-Acess 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		1	I.			,		I	-
Closed Co.	ntracts								
ML12013	City of Pasadena	10/19/2012	3/18/2015	9/18/2015	\$200,000.00	\$65,065.00	Electric Vehicle Charging Infrastructure	\$134,935.00	Yes
ML12015	City of Fullerton	4/25/2013	11/24/2020	11/24/2021	\$40,000.00	\$40,000.00	HD CNG Vehicle, Expand CNG Station	\$0.00	Yes
ML12017	City of Los Angeles, Bureau of Sanit	6/26/2013	5/25/2020	11/25/2021	\$950,000.00	\$950,000.00	32 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12019	City of Palm Springs	9/6/2013	7/5/2015		\$38,000.00	\$16,837.00	EV Charging Infrastructure	\$21,163.00	Yes
ML12020	City of Los Angeles Dept of General	9/27/2012	3/26/2019	3/26/2020	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12021	City of Rancho Cucamonga	9/14/2012	1/13/2020		\$40,000.00	\$40,000.00	Four Medium-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12022	City of La Puente	12/6/2013	6/5/2020		\$110,000.00	\$110,000.00	2 Medium-Duty and Three Heavy-Duty CNG	\$0.00	Yes
ML12023	County of Los Angeles Internal Servi	8/1/2013	2/28/2015		\$250,000.00	\$192,333.00	EV Charging Infrastructure	\$57,667.00	Yes
ML12037	Coachella Valley Association of Gov	3/14/2013	3/13/2014		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML12039	City of Redlands	2/8/2013	10/7/2019		\$90,000.00	\$90,000.00	Three Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12041	City of Anaheim Public Utilities Depa	4/4/2014	11/3/2015	11/3/2017	\$68,977.00	\$38,742.16	EV Charging Infrastructure	\$30,234.84	Yes
ML12042	City of Chino Hills	1/18/2013	3/17/2017		\$87,500.00	\$87,500.00	Expansion of Existing CNG Station	\$0.00	Yes
ML12043	City of Hemet	6/24/2013	9/23/2019	11/23/2021	\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
ML12055	City of Manhattan Beach	3/1/2013	12/31/2018		\$10,000.00	\$10,000.00	One Medium-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
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
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/VSP	1/4/2013	11/3/2018		\$50,000.00	\$50,000.00	Purchase 2 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12058	Krisda Inc	4/24/2013	1/23/2019		\$25,000.00	\$25,000.00	Repower One Heavy-Duty Off-Road Vehicle	\$0.00	Yes
MS12059	Orange County Transportation 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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS12068	Southern California Regional Rail Aut	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
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
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
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
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
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: 68		<u> </u>							
Closed/Inc	omplete 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/Comp	plete Contracts								
ML12018	City of West Covina	10/18/2013	10/17/2020	8/17/2023	\$300,000.00	\$300,000.00	Expansion of Existing CNG Station	\$0.00	Yes
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
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

\$59,454.00

\$59,454.00

Install New CNG Infrastructure

\$0.00

Yes

MS12083 Total: 4 Brea Olinda Unified School District

7/30/2015

2/29/2024

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2012	2-2014 Contracts								
Open Conti									
ML14012	City of Santa Ana	2/13/2015	10/12/2021	10/12/2022	\$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	\$41,000.00	Install Bicycle Racks & Implement Bicycle E	\$0.00	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	4/4/2023	\$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	3/26/2024	\$1,250,000.00	\$1,023,566.17	Implement Various Signal Synchronization P	\$226,433.83	No
Total: 7				<u>I</u>	1			1	
Declined/C	ancelled 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			1	1	1	-		1	.4
Closed Cor	ntracts								
ML14010	City of Cathedral City	8/13/2014	10/12/2015		\$25,000.00	\$25,000.00	Street Sweeping Operations	\$0.00	Yes
ML14011	City of Palm Springs	6/13/2014	1/12/2016		\$79,000.00	\$78,627.00	Bicycle Racks, Bicycle Outreach & Educatio	\$373.00	Yes
ML14014	City of Torrance	9/5/2014	12/4/2019		\$56,000.00	\$56,000.00	EV Charging Infrastructure	\$0.00	Yes
ML14015	Coachella Valley Association of Gov	6/6/2014	9/5/2015		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML14016	City of Anaheim	4/3/2015	9/2/2021		\$380,000.00	\$380,000.00	Purchase 2 H.D. Vehicles, Expansion of Exi	\$0.00	Yes
ML14023	County of Los Angeles Department o	10/2/2015	9/1/2017	3/1/2021	\$230,000.00	\$230,000.00	Maintenance Fac. Modifications-Westcheste	\$0.00	Yes
ML14024	County of Los Angeles Department o	10/2/2015	9/1/2017	9/1/2021	\$230,000.00	\$230,000.00	Maintenance Fac. Modifications-Baldwin Par	\$0.00	Yes
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$126,950.00	Expansion of Exisiting CNG Infrastructure	\$0.00	Yes
ML14029	City of Irvine	7/11/2014	6/10/2017		\$90,500.00	\$71,056.78	Bicycle Trail Improvements	\$19,443.22	Yes
ML14030	County of Los Angeles Internal Servi	1/9/2015	3/8/2018	7/30/2021	\$425,000.00	\$216,898.02	Bicycle Racks, Outreach & Education	\$208,101.98	Yes
ML14031	Riverside County Waste Manageme	6/13/2014	12/12/2020		\$90,000.00	\$90,000.00	Purchase 3 H.D. CNG Vehicles	\$0.00	Yes
ML14032	City of Rancho Cucamonga	1/9/2015	1/8/2022		\$113,990.00	\$104,350.63	Expansion of Existing CNG Infras., Bicycle L	\$9,639.37	Yes

			Original	Amended	Contract			Award	Billing
Cont.#	Contractor	Start Date	End Date	End Date	Value	Remitted	Project Description	Balance	Complete?
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
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
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
ML14064	City of Claremont	7/11/2014	7/10/2020	1/10/2021	\$60,000.00	\$60,000.00	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML14065	City of Orange	9/5/2014	8/4/2015		\$10,000.00	\$10,000.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML14070	City of Rancho Cucamonga	9/3/2016	12/2/2018		\$365,245.00	\$326,922.25	Bicycle Trail Improvements	\$38,322.75	Yes
ML14071	City of Manhattan Beach	1/9/2015	11/8/2018		\$22,485.00	\$22,485.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML14094	City of Yucaipa	6/9/2017	6/8/2018		\$84,795.00	\$84,795.00	Installation of Bicycle Lanes	\$0.00	Yes
ML14095	City of South Pasadena	1/10/2019	7/9/2019		\$142,096.00	\$134,182.09	Bicycle Trail Improvements	\$7,913.91	Yes
ML14096	County of Los Angeles Dept of Pub	5/3/2019	12/2/2019	3/2/2020	\$74,186.00	\$74,186.00	San Gabriel BikeTrail Underpass Improveme	\$0.00	Yes
ML14097	County of Los Angeles Internal Servi	9/6/2019	9/5/2020	9/5/2021	\$104,400.00	\$104,400.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS14001	Los Angeles County MTA	3/6/2015	4/30/2015		\$1,216,637.00	\$1,199,512.68	Clean Fuel Transit Service to Dodger Stadiu	\$17,124.32	Yes
MS14002	Orange County Transportation Autho	9/6/2013	4/30/2014		\$576,833.00	\$576,833.00	Clean Fuel Transit Service to Orange Count	\$0.00	Yes
MS14003	Orange County Transportation Autho	8/1/2013	4/30/2014	10/30/2014	\$194,235.00	\$184,523.00	Implement Metrolink Service to Angel Stadiu	\$9,712.00	Yes
MS14004	Orange County Transportation Autho	9/24/2013	4/30/2014		\$36,800.00	\$35,485.23	Implement Express Bus Service to Solar De	\$1,314.77	Yes
MS14005	Transit Systems Unlimited, Inc.	4/11/2014	2/28/2016		\$515,200.00	\$511,520.00	Provide Expanded Shuttle Service to Hollyw	\$3,680.00	Yes
MS14007	Orange County Transportation Autho	6/6/2014	4/30/2015		\$208,520.00	\$189,622.94	Implement Special Metrolink Service to Ang	\$18,897.06	Yes
MS14008	Orange County Transportation Autho	8/13/2014	5/31/2015		\$601,187.00	\$601,187.00	Implement Clean Fuel Bus Service to Orang	\$0.00	Yes
MS14009	A-Z Bus Sales, Inc.	1/17/2014	12/31/2014	3/31/2015	\$388,000.00	\$388,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS14037	Penske Truck Leasing Co., L.P.	4/7/2017	6/6/2020		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Carson	\$0.00	Yes
MS14039	Waste Management Collection and	7/10/2015	4/9/2016		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Irvine	\$0.00	Yes
MS14040	Waste Management Collection and	7/10/2015	4/9/2016		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Santa An	\$0.00	Yes
MS14041	USA Waste of California, Inc.	9/4/2015	10/3/2021		\$175,000.00	\$175,000.00	Limited-Access CNG Station, Vehicle Maint.	\$0.00	Yes
MS14042	Grand Central Recycling & Transfer	6/6/2014	9/5/2021		\$150,000.00	\$150,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS14044	TIMCO CNG Fund I, LLC	5/2/2014	11/1/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Santa A	\$0.00	Yes
MS14045	TIMCO CNG Fund I, LLC	6/6/2014	12/5/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Inglewoo	\$0.00	Yes
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
MS14047	Southern California Regional Rail Aut	3/7/2014	9/30/2014		\$49,203.00	\$32,067.04	Special Metrolink Service to Autoclub Speed	\$17,135.96	Yes
MS14048	BusWest	3/14/2014	12/31/2014	5/31/2015	\$940,850.00	\$847,850.00	Alternative Fuel School Bus Incentive Progra	\$93,000.00	Yes
MS14052	Arcadia Unified School District	6/13/2014	10/12/2020		\$78,000.00	\$78,000.00	Expansion of an Existing CNG Fueling Statio	\$0.00	Yes
MS14053	Upland Unified School District	1/9/2015	7/8/2021		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14058	Orange County Transportation Autho	11/7/2014	4/6/2016	4/6/2017	\$1,250,000.00	\$1,250,000.00	Implement Various Signal Synchronization P	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
MS14084	US Air Conditioning Distributors	5/7/2015	9/6/2021		\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14087	Orange County Transportation Autho	8/14/2015	4/30/2016		\$239,645.00	\$195,377.88	Implement Special Metrolink Service to Ang	\$44,267.12	Yes
MS14088	Southern California Regional Rail Aut	5/7/2015	9/30/2015		\$79,660.00	\$66,351.44	Special Metrolink Service to Autoclub Speed	\$13,308.56	Yes
MS14089	Top Shelf Consulting, LLC	1/18/2017	8/4/2016	3/31/2017	\$200,000.00	\$200,000.00	Enhanced Fleet Modernization Program	\$0.00	Yes
MS14090	City of Monterey Park	5/7/2015	5/6/2021		\$225,000.00	\$225,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
Total: 58		I			I	1			
Closed/Inc	omplete 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/Com	plete 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
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
MS14075	Fullerton Joint Union High School Di	7/22/2016	11/21/2023		\$300,000.00	\$293,442.00	Expansion of Existing CNG Infrastructure/Ma	\$6,558.00	Yes
MS14076	Rialto Unified School District	6/17/2015	2/16/2022	6/25/2023	\$225,000.00	\$225,000.00	New Public Access CNG Station	\$0.00	Yes
MS14079	Waste Resources, Inc.	9/14/2016	8/13/2022	10/13/2024	\$100,000.00	\$100,000.00	New Limited Access CNG Station	\$0.00	Yes
MS14080	CR&R Incorporated	6/1/2015	8/31/2021	8/31/2022	\$200,000.00	\$200,000.00	Expansion of Existing CNG Infrastructure/Ma	\$0.00	Yes
MS14082	Grand Central Recycling & Transfer	12/4/2015	3/3/2023	3/3/2024	\$150,000.00	\$150,000.00	Construct New Public Access CNG Station	\$0.00	Yes
MS14083	Hacienda La Puente Unified School	7/10/2015	3/9/2022	6/9/2023	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes

Total: 14

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2014	4-2016 Contracts								
Open Cont									
ML16006	City of Cathedral City	4/27/2016	4/26/2022	4/26/2023	\$25,000.00	\$0.00	Bicycle Outreach	\$25,000.00	No
ML16010	City of Fullerton	10/7/2016	4/6/2023	4/6/2024	\$78,222.00	\$27,896.71	Install EV Charging Stations	\$50,325.29	No
ML16017	City of Long Beach	2/5/2016	8/4/2023	1/4/2026	\$1,445,400.00	\$1,375,400.00	Purchase 50 Medium-Duty, 17 H.D. Nat. Ga	\$70,000.00	No
ML16018	City of Hermosa Beach	10/7/2016	1/6/2023		\$29,520.00	\$23,768.44	Purchase 2 M.D. Nat. Gas Vehicles, Bicycle	\$5,751.56	No
ML16022	Los Angeles Department of Water an	5/5/2017	3/4/2024	9/4/2027	\$360,000.00	\$0.00	Purchase 12 H.D. Nat. Gas Vehicles	\$360,000.00	No
ML16025	City of South Pasadena	6/22/2016	4/21/2023	10/21/2024	\$160,000.00	\$0.00	Purchase H.D. Nat. Gas Vehicle, Expand Exi	\$160,000.00	No
ML16038	City of Palm Springs	4/1/2016	7/31/2022	9/30/2022	\$170,000.00	\$60,000.00	Install Bicycle Lanes & Purchase 2 Heavy-D	\$110,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022	9/5/2024	\$32,000.00	\$0.00	Install EV Charging Infrastructure	\$32,000.00	No
ML16047	City of Fontana	1/6/2017	8/5/2019	8/5/2022	\$500,000.00	\$0.00	Enhance an Existing Class 1 Bikeway	\$500,000.00	No
ML16048	City of Placentia	3/26/2016	5/25/2021	12/25/2026	\$80,000.00	\$18,655.00	Install EV Charging Infrastructure	\$61,345.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2023	\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	No
ML16071	City of Highland	5/5/2017	1/4/2020	1/4/2023	\$264,500.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$264,500.00	No
ML16075	City of San Fernando	10/27/2016	2/26/2019	8/26/2024	\$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
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$769,021.95	Freeway Service Patrols	\$31,603.05	Yes
MS16094	Riverside County Transportation Co	1/25/2017	1/24/2022	4/24/2023	\$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
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	11/30/2028	\$600,000.00	\$413,250.00	Repower 39 and Purchase 1 New Transit Bu	\$186,750.00	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	\$2,500,000.00	Expansion of the Willowbrook/Rosa Parks Tr	\$0.00	No
Total: 23	,		I	1	1	1		1	1
Declined/C	Cancelled Contracts								
ML16014	City of Dana Point				\$153,818.00	\$0.00	Extend an Existing Class 1 Bikeway	\$153,818.00	No
ML16065	City of Temple City				\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16067	City of South El Monte				\$73,329.00	\$0.00	Implement an "Open Streets" Event	\$73,329.00	No
ML16074	City of La Verne	7/22/2016	1/21/2023		\$365,000.00	\$0.00	Install CNG Fueling Station	\$365,000.00	No
MS16043	LBA Realty Company LLC				\$100,000.00	\$0.00	Install Limited-Access CNG Station	\$100,000.00	No
MS16080	Riverside County Transportation Co				\$1,200,000.00	\$0.00	Passenger Rail Service for Coachella and St	\$1,200,000.00	No
MS16098	Long Beach Transit				\$198,957.00	\$0.00	Provide Special Bus Service to Stub Hub Ce	\$198,957.00	No
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 Alberts Services	Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS16108 VMG S703 Gage Avenue, LLC		1				\$100.000.00		· · · · · · · · · · · · · · · · · · ·	\$100.000.00	
MS16110 Sentration Districts of Los Angeles C S275,000.00 S0.00 Expansion of an Esisting L/CNG Station S275,000.00 No	MS16108	VNG 5703 Gage Avenue, LLC					\$0.00	Construct Public-Access CNG Station in Bell	\$150,000.00	No
No. State No. State	MS16109					\$275,000.00	\$0.00	Expansion of an Existing L/CNG Station	\$275,000.00	No
Mil 1909	MS16111	<u> </u>				\$150,000.00		· · · · · · · · · · · · · · · · · · ·	\$150,000.00	No
Mil	Total: 13	,					·	1		
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 Banning 12/11/2016 12/10/2021 \$30,000.00 \$30,000.00 Purchase H.I.D. Nat. Gas Vehicle \$0.00 Yes ML16026 City of Banning 12/11/2015 12/10/2021 \$30,000.00 \$40,000.00 Purchase H.I.D. Nat. Gas Vehicle \$0.00 Yes ML16026 City of Davmey 5/6/2016 9/6/2017 \$40,000.00 \$40,000.00 Install EV Charging Infrastructure \$0.00 Yes ML16026 City of Azusa 9/9/2016 4/8/2018 \$25,000.00 \$25,000.00 Enhance Existing Class 1 Bilkeway \$0.00 Yes ML16022 City of Azusa 9/9/2016 4/8/2019 4/8/2021 \$474,925.00 \$474,925.00 \$474,925.00 Mineral EV Charging Infrastructure \$0.00 Yes ML16032 City of Azusa 9/9/2016 4/8/2018 \$25,000.00 \$25,000.00 City of Expensive Charles Valley Association of Gov 4/27/2016 4/26/2018 \$25,000.00 \$25,000.00 S744,925.00 Mineral EV Charging Infrastructure \$0.00 Yes ML16032 City of Riverside 3/11/2016 4/26/2018 \$25,000.00 \$25,000.00 S744,925.00 Mineral EV Charging Infrastructure \$0.00 Yes ML16032 City of Riverside 3/11/2016 4/26/2018 \$25,000.00 \$25,000.00 Street Sweeping Operations in Coachella Valley \$0.00 Yes ML16034 City of Riverside 3/11/2016 1/23/2018 \$0.000.00 \$0.000.00 Mineral EV Charging Infrastructure \$0.00 Yes ML16034 City of San Dimas 4/1/2016 1/23/2019 \$275,000.00 \$500,000.00 Install a Class 1 Bikeway \$0.00 Yes ML16045 City of Anaheim \$6/22/2016 82/1/2019 \$275,000.00 \$255,000.00 S00,000.00 Install Calass 1 Bikeway \$0.00 Yes ML16052 City of Ganheim \$6/22/2016 8/21/2019 \$3/31/2021 \$3/31,576.00 \$30,576.00 Install Two Class 1 Bikeway \$0.00 Yes ML16052 City of Ganheim \$1/10/2016 1/13/2019 3/31/2021 \$3/31,576.00 \$30,576.00 Install Two Class 1 Bikeway \$0.00 Yes ML16052 City of Ganheim \$1/20/2016 7/2/2020 \$2/2/2020 \$3/2/2,0	Closed Cor	ntracts								
ML 16020 City of Pomona	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
ML16023 City of Banning 12/11/2015 12/10/2021 \$30,000.00 \$30,000.00 Purchase 1 H.D. Nat. Gas Vehicle \$0.00 Yes ML16026 City of Downey 5/6/2016 \$5/2017 \$40,000.00 \$40,000.00 Install EV Charging Infrastructure \$0.00 Yes ML16031 City of Azusa 9/9/2016 4/8/2018 \$25,000.00 \$25,000.00 Enhance Existing Class 1 Bikeway \$0.00 Yes ML16032 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 4/8/2019 \$474,925.00 \$275,000.00 Street Sweeping in Coachella Valley \$0.00 Yes ML16032 City of Azusa 9/9/2016 4/26/2018 \$25,000.00 \$25,000.00 Street Sweeping Operations in Coachella Valley \$0.00 Yes ML16032 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 ML16034 City of Brea 3/4/2016 12/31/2019 \$500,000.00 \$500,000.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16034 City of San Dimas 4/1/2016 12/31/2019 \$500,000.00 \$550,000.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16045 City of San Dimas 4/1/2016 12/31/2019 \$2/31/2011 \$55,000.00 \$55,000.00 Install a Class 1 Bikeway \$0.00 Yes ML16045 City of Buena Park 4/1/2016 11/30/2018 \$275,000.00 \$255,595.08 Maintenance Facility Modifications \$19,404.92 Yes ML16045 City of Sauthenay \$9.00 Yes ML16045 City of Sancho Cucamonga 9/3/2016 11/1/2019 3/31/2021 \$315,576.00 \$258,691.25 Implement "Complete Streets" Pedestrian \$0.00 Yes ML16052 City of Rancho Cucamonga 9/3/2016 11/2/2019 \$315,576.00 \$258,691.25 Implement "Complete Streets" Pedestrian \$0.00 Yes ML16066 City of Orlario 3/3/2016 9/2/2020 \$9.2/2020 \$11,642.00 \$349,875.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16066 City of Orlario 3/3/2016 9/2/2020 \$9.2/2020 \$10,6565.00 \$10,6565.00 Expansion of an Existing CNO Station \$0.00 Yes ML16066 City of Coldahy \$2/5/2016 9/2/2020 \$24,000.00 \$1,000.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16066 City of Coldahy \$2/5/2016 9/2/2020 \$24,000.00 \$1,000.00 Implement a "Complete Street	ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$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 4/8/2017 \$25,000.00 \$25,000.00 Enhance Existing Class 1 Bikeway \$0.00 Yes ML16032 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 4/8/2012 \$474,925.00 \$474,925.00 Implement a "Complete Streets" Pedestrian \$0.00 No ML16033 Coachella Valley Association of Gov 4/2/72016 4/8/2018 \$250,000.00 \$250,000.00 Street Sweeping Operations in Coachella Valley \$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 ML16034 City of Brea 3/4/2016 12/3/2018 \$500,000.00 \$500,000.00 Install EV Charging Infrastructure \$0.00 Yes ML16042 City of San Dimas 4/1/2016 12/3/2018 \$500,000.00 \$550,000.00 Install EV Charging Infrastructure \$0.00 No ML16042 City of Anaheim \$6/22/2016 8/21/2019 2/3/12/201 \$55,000.00 \$55,000.00 Install EV Charging Infrastructure \$0.00 No ML16045 City of Anaheim \$6/22/2016 8/21/2019 2/3/12/201 \$55,000.00 \$55,000.00 Install EV Charging Infrastructure \$0.00 No ML16045 City of Buena Park 4/1/2016 11/3/2019 3/3/12/201 \$429,825.00 S55,000.00 Install EV Charging Infrastructure \$0.00 No ML16045 City of Buena Park 4/1/2016 11/3/2019 3/3/12/201 \$1/1/2017 \$320,000.00 \$55,000.00 Install EV Charging Infrastructure \$0.00 Yes ML16051 City of Cuaremonga 3/3/2016 11/2/2019 3/3/12/201 \$1/1/2017 \$320,000.00 \$256,869.125 Implement "Complete Streets" Pedestrian \$0.00 Yes ML16054 City of Cuaremonga 3/2/2016 7/2/2018 3/2/2012 \$499,750.00 Install EV Charging Infrastructure \$0.00 Yes ML16054 City of Cuaremonga 3/2/2016 7/2/2018 3/2/2020	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
ML16028	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
ML16031 City of Cathedral City 12/19/2015 2/18/2017 2/18/2017 \$25,000.00 \$25,000.00 Street Sweeping in Coachella Valley \$0.00 Yes ML16032 City of Azusa 9/9/2016 4/8/2018 \$25,000.00 \$25,000.00 Street Sweeping in Coachella Valley \$0.00 No No No No No No No	ML16026	City of Downey	5/6/2016	9/5/2017		\$40,000.00	\$40,000.00	Install EV Charging Infrastructure	\$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 Valley \$0.00 Yes ML16034 City of Riverside 3/4/2016 10/10/2018 \$500,000.00 \$500,000.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16034 City of San Dimas 4/1/2016 12/31/2018 \$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 \$275,000.00 \$55,000.00 Install EV Charging Infrastructure \$0.00 No ML16045 City of Buna Park 4/1/2016 11/30/2018 \$429,262.00 \$429,862.00 Installation of a Class 1 Bikeway \$0.00 Yes ML16051 City of South Pasadena 2/12/2016 11/1/2017 12/11/2017 320,000.00 \$256,895.00 Install Class 1 Bikeway \$0.00 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 Bikeway \$10,000.00 Yes ML16053 City of Claremont 3/11/2016 7/10/2018 3/21/20020 \$498,750.00 Install Two Class 1 Bikeway \$10,000.00 Yes ML16056 City of Ontario 3/23/2016 9/22/2020 9/22/2021 \$106,565.00 \$106,565.00 Install Two Class 1 Bikeway \$10,000.00 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 ML16066 City of Murrieta 4/27/2016 1/26/2020 \$11,000.00 \$10,000.00 Implement an "Open Streets" Event with Vario \$46,440.27 Yes ML16066 City of Orange, OC Parks 2/21/2017 10/20/2018 \$76,000.00 \$15,000.00 Implement an "Open Streets" Events with Vario \$46,440.27 Yes ML16066 City of Orange, OC Parks 2/21/2016 1/26/2020 \$11,642.00 \$9,398.85 Installation of EV Charging Infrastructure \$0.00 Yes ML16066 City of Orange, OC Parks 2/21/2016 1/26/2020 \$76,000.00 \$156,000.00 I	ML16028	City of Azusa	9/9/2016	4/8/2018		\$25,000.00	\$25,000.00	Enhance Existing Class 1 Bikeway	\$0.00	Yes
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 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16036 City of Brea 3/4/2016 12/3/12/019 12/3/12/019 555,000.00 S550,000.00 Install EV Charging Infrastructure \$0.00 No ML16045 City of San Dimas 4/1/2016 8/21/2019 12/3/12/019 5275,000.00 \$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 South Pasadena 2/12/2016 1/11/2017 12/11/2017 \$220,000.00 \$258,691.25 Implement "Open Streets" Event with Variou \$61,308.75 Yes ML16052 City of Rancho Cucamonga 9/3/2016 1/12/2019 3/3/1/2012 \$315,576.00 \$305,576.00 Install EV Charging Infrastructure \$0.00 No ML16053 City of Claremont 3/11/2016 7/10/2018 12/10/2020 \$498,750.00 Install Two Class 1 Bikeways \$10,000.00 No ML16054 City of Yucaipa 3/26/2016 7/26/2018 12/10/2020 \$498,750.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16056 City of Cudahy 2/5/2016 10/4/2017 \$73,910.00 \$62,480.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16064 City of Cudahy 2/5/2016 1/26/2020 \$21,003.82 \$21,003.82 Installation of EV Charging Infrastructure \$0.00 Yes ML16066 City of Cudahy 2/5/2016 1/26/2020 \$21,003.82 \$21,003.82 Installation of EV Charging Infrastructure \$0.00 Yes ML16068 City of Cudahy 2/5/2016 1/26/2020 \$21,003.82 \$21,003.82 Installation of EV Charging Infrastructure \$0.00 Yes ML16068 City of Long Beach Public Works 1/13/2017 5/12/2018 \$71,600.00 \$56,000.00 Implement "Open Streets" Events with Vario \$46,440.27 Yes ML16068 City of Long Beach Public Works 1/	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
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 Braa 3/4/2016 12/3/2018 \$500,000.00 \$500,000.00 Install a Class 1 Bikeway \$0.00 Yes ML16042 City of Anaheim 6/22/2016 8/21/2019 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 ML16051 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 Claremont 3/11/2016 11/12/2019 3/31/2021 \$315,576.00 \$305,76.00 Install Two Class 1 Bikeway \$10,000.00 No ML16053 City of Claremont 3/11/2016 7/10/2018 12/10/2020 \$498,750.00 4988,750.00 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 ML16066 City of Murrieta 4/27/2016 1/26/2020 \$11/642.00 \$9,398.36 Installation of EV Charging Infrastructure \$0.00 Yes ML16064 County of Orange, OC Parks 2/21/2017 10/20/2018 \$75,050.00 \$62,480.00 Implement "Open Streets" Events with Vario \$46,440.27 Yes ML16066 City of Gung Beach Public Works 1/13/2017 9/1/22018 \$75,050.00 \$63,763.62 Implement "Open Streets" Events with Vario \$46,440.27 Yes ML16068 Riverside County Dept of Public Heal 3/4/2016 1/4/2020 \$54,199.00 \$54,199.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16069 City of West Covina 3/10/2017 6/9/2021 \$55,000.00 \$56,000.00 Implement "Open Streets" Events with Vario \$0.00 Yes ML16069 City	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
ML16036 City of Brea 3/4/2016 12/3/2018 \$500,000.00 \$550,000.00 Install a Class 1 Bikeway \$0.00 Yes ML16042 City of San Dimas 4/1/2016 12/31/2019 \$275,000.00 \$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 3/31/2021 \$315,576.00 \$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 Bikeway \$10,000.00 No ML16053 City of Claremont 3/11/2016 7/10/2018 12/10/2020 \$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 Contario 3/23/2016 9/22/2020 \$106,565.00 \$106,565.00 Expansion of an Existing CNG Station \$0.00 Yes ML16066 City of Murrieta 4/27/2016 1/26/2020 \$11,642.00 \$9,398.36 Installation of EV Charging Infrastructure \$2,243.64 Yes ML16066 City of Cotton 6/3/2016 7/2/2020 \$21,003.82 \$11,003.82 Installation of EV Charging Infrastructure \$0.00 Yes ML16068 Riverside County Dept of Public Heal 1/26/2018 \$75,050.00 \$63,763.62 Implement an "Open Streets" Event \$11,286.38 Yes ML16068 Riverside County Dept of Public Heal 1/2/2016 8/1/2018 \$171,648.00 Implement an "Open Streets" Event \$11,286.38 Yes ML16069 City of West Covina 3/10/2017 6/9/2021 \$64,000.00 \$65,000.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16072 City of Palm Desert 3/4/2016 1/4/2020 1/3/2022 \$65,000.00 \$65	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
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 ML16040 City of Buena Park 4/1/2016 11/30/2018 \$429,262.00 142,262.00 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 Claremont 3/11/2016 7/10/2018 12/10/2020 \$498,750.00 \$305,576.00 Install Two Class 1 Bikeways \$10,000.00 No ML16054 City of Vucaipa 3/26/2016 7/26/2018 10/25/2019 \$120,000.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16056 City of Otario 3/26/2016 7/22/2018 10/25/2019 \$106,565.00 \$106,565.00 E	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
ML 16045 City of Anaheim 6/22/2016 8/21/2019 \$275,000.00 \$255,595.08 Maintenance Facility Modifications \$19,404.92 Yes ML 16049 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 ML 16051 City of South Pasadena 2/12/2016 11/1/2017 \$320,000.00 \$258,691.25 Implement "Open Streets" Event with Variou \$61,308.75 Yes ML 16052 City of Rancho Cucamonga 9/3/2016 11/2/2019 3/31/2021 \$305,576.00 Install Two Class 1 Bikeways \$10,000.00 No ML 16053 City of Rancho Cucamonga 9/3/2016 11/2/2019 \$311,000.00 \$305,576.00 Installation of a Class 1 Bikeway \$10,000.00 No ML 16054 City of Calarmont 3/11/2016 7/10/2018 12/10/2020 \$498,750.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML 16056 City of Ortario 3/23/2016 9/22/2020 9/22/2021 \$106,565.00 \$106,565.00 Expansion of an Existing CNG Station \$0.00	ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$500,000.00	Install a Class 1 Bikeway	\$0.00	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 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16054 City of Yucaipa 3/26/2016 7/26/2018 10/25/2019 \$100,000.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16056 City of Ontario 3/23/2016 9/22/2020 9/22/2021 \$106,565.00 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 <td< td=""><td>ML16042</td><td>City of San Dimas</td><td>4/1/2016</td><td>12/31/2019</td><td>12/31/2021</td><td>\$55,000.00</td><td>\$55,000.00</td><td>Install EV Charging Infrastructure</td><td>\$0.00</td><td>No</td></td<>	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
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 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16054 City of Yucaipa 3/26/2016 7/26/2018 10/25/2019 \$120,000.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML16056 City of Ontario 3/23/2016 9/22/2020 9/22/2020 \$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 "Complete Streets" Pedestrian \$0.00 Yes ML16061 City of Murrieta 4/27/2016 10/4/2017 \$73,910.00 \$62,480.00 Implement an "Complete Streets" Pedestrian <td>ML16045</td> <td>City of Anaheim</td> <td>6/22/2016</td> <td>8/21/2019</td> <td></td> <td>\$275,000.00</td> <td>\$255,595.08</td> <td>Maintenance Facility Modifications</td> <td>\$19,404.92</td> <td>Yes</td>	ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$255,595.08	Maintenance Facility Modifications	\$19,404.92	Yes
ML 16052 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 ML 16053 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 ML 16054 City of Yucaipa 3/26/2016 7/26/2018 10/25/2019 \$120,000.00 \$106,565.00 Implement a "Complete Streets" Pedestrian \$0.00 Yes ML 16056 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 ML 16060 City of Cudahy 2/5/2016 10/4/2017 \$73,910.00 \$62,480.00 Implement an "Open Streets" Event \$11,430.00 Yes ML 16061 City of Olton 6/3/2016 7/2/2020 \$11,642.00 \$9,398.36 Installation of EV Charging Infrastructure \$2,243.64 Yes ML 16062 City of Colton 6/3/2016 7/2/2020 \$21,003.82 \$157,632.73 I	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
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 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 \$75,050.00 \$157,632.73 Implement "Open Streets" Events with Vario	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
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 \$75,050.00 \$63,763.62 Implement "Open Streets" Events with Vario \$46,440.27 Yes ML16068 Riverside County Dept of Public Heal 12/2/2016 8/1/2018 \$171,648.00 \$171,648.00 Implement an "Open Stre	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
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 \$93,98.36 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 ML16069 City of West Covina 3/10/2017 6/9/2021 \$54,199.00 \$176,48.00 Implement an "Open Streets" Events with Vario	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
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" Events with Vario \$46,440.27 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 ML16079 City of Palm Desert 3/4/2016 1/4/2020 \$54,199.00 \$54,199.00 Installation of EV Charging Infrastructure	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
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" Events with Vario \$11,286.38 Yes ML16068 Riverside County Dept of Public Heal 12/2/2016 8/1/2018 \$171,648.00 \$171,648.00 Implement "Open Streets" Events with Vario \$0.00 Yes ML16069 City of West Covina 3/10/2017 6/9/2021 \$54,199.00 \$54,199.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16072 City of Palm Desert 3/4/2016 1/4/2020 1/3/2022 \$56,000.00 Installation of EV Charging Infrastructu	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
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" Events with Vario \$11,286.38 Yes ML16068 Riverside County Dept of Public Heal 12/2/2016 8/1/2018 \$171,648.00 Implement "Open Streets" Events with Vario \$0.00 Yes ML16069 City of West Covina 3/10/2017 6/9/2021 \$54,199.00 \$54,199.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16072 City of Palm Desert 3/4/2016 1/4/2020 1/3/2022 \$56,000.00 \$56,000.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16073 City of Long Beach Public Works 1/13/2017 7/12/2017 \$50,000.00 \$50,000.00 Implement an "Open Streets" E	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
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" Events with Vario \$11,286.38 Yes ML16068 Riverside County Dept of Public Heal 12/2/2016 8/1/2018 \$171,648.00 Implement "Open Streets" Events with Vario \$0.00 Yes ML16069 City of West Covina 3/10/2017 6/9/2021 \$54,199.00 \$54,199.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16072 City of Palm Desert 3/4/2016 1/4/2020 1/3/2022 \$56,000.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16073 City of Long Beach Public Works 1/13/2017 7/12/2017 \$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 Bicycle Infrastructure & Implement Bi \$1,195.28	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
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 Implement "Open Streets" Events with Vario \$0.00 Yes ML16069 City of West Covina 3/10/2017 6/9/2021 \$54,199.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16072 City of Palm Desert 3/4/2016 1/4/2020 1/3/2022 \$56,000.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16073 City of Long Beach Public Works 1/13/2017 7/12/2017 \$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	ML16062	City of Colton	6/3/2016	7/2/2020		\$21,003.82	\$21,003.82	Installation of EV Charging Infrastructure	\$0.00	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 Installation of EV Charging Infrastructure \$0.00 Yes ML16072 City of Palm Desert 3/4/2016 1/4/2020 1/3/2022 \$56,000.00 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	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
ML16069 City of West Covina 3/10/2017 6/9/2021 \$54,199.00 \$54,199.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16072 City of Palm Desert 3/4/2016 1/4/2020 1/3/2022 \$56,000.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16073 City of Long Beach Public Works 1/13/2017 7/12/2017 \$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	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
ML16072 City of Palm Desert 3/4/2016 1/4/2020 1/3/2022 \$56,000.00 \$56,000.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16073 City of Long Beach Public Works 1/13/2017 7/12/2017 \$50,000.00 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	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
ML16072 City of Palm Desert 3/4/2016 1/4/2020 1/3/2022 \$56,000.00 \$56,000.00 Installation of EV Charging Infrastructure \$0.00 Yes ML16073 City of Long Beach Public Works 1/13/2017 7/12/2017 \$50,000.00 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	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
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	ML16072	City of Palm Desert	3/4/2016	1/4/2020	1/3/2022	\$56,000.00	\$56,000.00		\$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	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		2/21/2017	8/20/2021		\$43,993.88	\$43,993.88	Install EV Charging Infrastructure	\$0.00	Yes
ML16079 City of Yucaipa 4/1/2016 3/31/2020 \$5,000.00 Purchase Electric Lawnmower \$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
	ML16079	City of Yucaipa	4/1/2016	3/31/2020		\$5,000.00	\$5,000.00	Purchase Electric Lawnmower	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16122	City of Wildomar	6/8/2018	6/7/2019		\$500,000.00	\$500,000.00	Install Bicycle Lanes	\$0.00	Yes
ML16126	City of Palm Springs	7/31/2019	7/30/2020	10/30/2020	\$22,000.00	\$19,279.82	Install Bicycle Racks, and Implement Bicycle	\$2,720.18	Yes
MS16001	Los Angeles County MTA	4/1/2016	4/30/2017		\$1,350,000.00	\$1,332,039.84	Clean Fuel Transit Service to Dodger Stadiu	\$17,960.16	Yes
MS16002	Orange County Transportation Autho	10/6/2015	5/31/2016		\$722,266.00	\$703,860.99	Clean Fuel Transit Service to Orange Count	\$18,405.01	Yes
MS16003	Special Olympics World Games Los	10/9/2015	12/30/2015		\$380,304.00	\$380,304.00	Low-Emission Transportation Service for Sp	\$0.00	Yes
MS16004	Mineral LLC	9/4/2015	7/3/2017	1/3/2018	\$27,690.00	\$9,300.00	Design, Develop, Host and Maintain MSRC	\$18,390.00	Yes
MS16029	Orange County Transportation Autho	1/12/2018	6/11/2020		\$836,413.00	\$567,501.06	TCM Partnership Program - OC Bikeways	\$268,911.94	Yes
MS16030	Better World Group Advisors	12/19/2015	12/31/2017	12/31/2019	\$271,619.00	\$245,355.43	Programmic Outreach Services to the MSR	\$26,263.57	Yes
MS16084	Transit Systems Unlimited, Inc.	5/6/2016	2/28/2018		\$565,600.00	\$396,930.00	Implement Special Shuttle Service from Uni	\$168,670.00	Yes
MS16085	Southern California Regional Rail Aut	3/11/2016	9/30/2016		\$78,033.00	\$64,285.44	Special MetroLink Service to Autoclub Spee	\$13,747.56	Yes
MS16089	Orange County Transportation Autho	7/8/2016	4/30/2017		\$128,500.00	\$128,500.00	Implement Special Bus Service to Angel Sta	\$0.00	Yes
MS16092	San Bernardino County Transportatio	2/3/2017	1/2/2019		\$242,937.00	\$242,016.53	Implement a Series of "Open Streets" Event	\$920.47	Yes
MS16093	Orange County Transportation Autho	9/3/2016	3/2/2018	9/2/2018	\$1,553,657.00	\$1,499,575.85	Implement a Mobile Ticketing System	\$54,081.15	Yes
MS16095	Orange County Transportation Autho	7/22/2016	5/31/2017		\$694,645.00	\$672,864.35	Implement Special Bus Service to Orange C	\$21,780.65	Yes
MS16096	San Bernardino County Transportatio	10/27/2016	12/26/2019	6/30/2021	\$450,000.00	\$450,000.00	EV Charging Infrastructure	\$0.00	Yes
MS16099	Foothill Transit	3/3/2017	3/31/2017		\$50,000.00	\$50,000.00	Provide Special Bus Service to the Los Ange	\$0.00	Yes
MS16100	Southern California Regional Rail Aut	5/5/2017	9/30/2017		\$80,455.00	\$66,169.43	Provide Metrolink Service to Autoclub Speed	\$14,285.57	Yes
MS16124	Riverside County Transportation Co	12/14/2018	12/14/2019	5/14/2020	\$253,239.00	\$246,856.41	Extended Freeway Service Patrols	\$6,382.59	Yes
MS16125	San Bernardino County Transportatio	9/20/2019	11/19/2020		\$1,000,000.00	\$1,000,000.00	Traffic Signal Synchronization Projects	\$0.00	Yes
Total: 50									
Closed/Inc	omplete 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/Com	plete 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
			1		1 2				

\$90,000.00

\$630,000.00

\$102,955.00

\$49,400.00

\$30,000.00

\$90,000.00

\$630,000.00

\$102,955.00

\$49,399.00

\$30,000.00

Purchase 3 Heavy-Duty Nat. Gas Vehicles

Purchase 21 Heavy-Duty Nat. Gas Vehicles

Install EV Charging Infrastructure

Install EV Charging Infrastructure

Purchase 1 H.D. Nat. Gas Vehicle

\$0.00

\$0.00

\$0.00

\$1.00

\$0.00

Yes

Yes

Yes

Yes

Yes

ML16013

ML16016

ML16019

ML16021

ML16024

City of Monterey Park

City of Santa Clarita

City of Azusa

City of Los Angeles Dept of General

City of Los Angeles, Dept of General

12/4/2015

2/5/2016

1/25/2017

10/7/2016

4/27/2016

7/3/2022

12/4/2022

3/24/2023

6/6/2024

2/26/2022

7/3/2024

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16027	City of Whittier	1/8/2016	11/7/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16037	City of Rancho Cucamonga	2/5/2016	11/4/2022		\$30,000.00	\$30,000.00	Purchase One Heavy-Duty Natural Gas Vehi	\$0.00	Yes
ML16040	City of Eastvale	1/6/2017	7/5/2022	7/5/2026	\$110,000.00	\$53,908.85	Install EV Charging Infrastructure	\$56,091.15	No
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	4/2/2024	\$20,000.00	\$20,000.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16046	City of El Monte	4/1/2016	5/31/2021	5/31/2023	\$20,160.00	\$14,637.50	Install EV Charging Infrastructure	\$5,522.50	No
ML16050	City of Westminster	5/6/2016	7/5/2020	5/5/2022	\$115,000.00	\$93,925.19	Installation of EV Charging Infrastructure	\$21,074.81	Yes
ML16055	City of Ontario	5/6/2016	5/5/2022		\$270,000.00	\$270,000.00	Purchase Nine Heavy-Duty Natural-Gas Veh	\$0.00	Yes
ML16058	Los Angeles County Department of P	10/7/2016	4/6/2024		\$371,898.00	\$371,898.00	Purchase 11 H.D. Nat. Gas Vehicles and Ins	\$0.00	Yes
ML16059	City of Burbank	4/1/2016	2/28/2022		\$180,000.00	\$180,000.00	Purchase 6 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML16063	City of Glendora	3/4/2016	4/3/2022		\$30,000.00	\$30,000.00	Purchase One H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16070	City of Beverly Hills	2/21/2017	6/20/2023		\$90,000.00	\$90,000.00	Purchase 3 H.D. Nat. Gas Vehicles	\$0.00	Yes
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
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
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

Total: 34

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2016	6-2018 Contracts								
Open Cont	racts								
ML18020	City of Colton	5/3/2018	4/2/2024	12/2/2026	\$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	\$87,990.00	Install EV Charging Infrastructure	\$0.00	No
VL18046	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
ИL18047	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
/L18050	City of Irvine	9/7/2018	8/6/2028		\$330,490.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$330,490.00	No
ML18051	City of Rancho Cucamonga	3/1/2019	10/31/2025		\$91,500.00	\$30,000.00	Purchase 6 Light-Duty ZEVs, Install 3 Limite	\$61,500.00	No
ML18053	City of Paramount	9/7/2018	3/6/2023		\$64,675.00	\$0.00	Install EV Charging Infrastructure	\$64,675.00	No
/L18055	City of Long Beach	11/29/2018	11/28/2026		\$622,220.00	\$207,283.14	Install EV Charging Stations	\$414,936.86	No
/L18057	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
/L18058	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
/L18059	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
/L18060	County of Los Angeles Internal Servi	10/5/2018	8/4/2026	8/4/2028	\$1,367,610.00	\$599,306.31	Purchase 29 Light-Duty Zero Emission Vehi	\$768,303.69	No
/L18063	City of Riverside	6/7/2019	1/6/2027		\$383,610.00	\$0.00	Expand Existing CNG Stations	\$383,610.00	No
/L18064	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
ИL18067	City of Pico Rivera	9/7/2018	11/6/2022	7/6/2025	\$83,500.00	\$0.00	Install EVSE	\$83,500.00	No
/L18068	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
ИL18069	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
/L18078	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
/L18082	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
ИL18083	City of San Fernando	11/2/2018	11/1/2022		\$20,000.00	\$0.00	Implement Traffic Signal Synchronization	\$20,000.00	No
ЛL18084	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
ИL18089	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
ИL18091	City of Temecula	1/19/2019	7/18/2023		\$141,000.00	\$0.00	Install Sixteen EV Charging Stations	\$141,000.00	No
ИL18092	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
/L18093	City of Monterey Park	2/1/2019	2/28/2026		\$25,000.00	\$0.00	Purchase Heavy-Duty Near-ZEV	\$25,000.00	No
ЛL18094	City of Laguna Woods	7/12/2019	12/11/2024		\$50,000.00	\$0.00	Install Two EV Charging Stations	\$50,000.00	No
ЛL18098	City of Redondo Beach	2/1/2019	3/31/2023	3/31/2025	\$89,400.00	\$89,400.00	Install Six EV Charging Stations	\$0.00	No
ИL18099	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	7/28/2025	\$56,500.00	\$0.00	Install Twenty-Four Level II EV Charging Sta	\$56,500.00	No

			Original	Amended	Contract			Award	Billing
Cont.#	Contractor	Start Date	End Date	End Date	Value	Remitted	Project Description	Balance	Complete?
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	3/13/2026	\$63,097.00	\$0.00	Install Six EV Charging Stations	\$63,097.00	No
ML18132	City of Montclair	4/5/2019	9/4/2023		\$40,000.00	\$0.00	Install Eight EVSEs	\$40,000.00	No
ML18134	City of Los Angeles Dept of General	5/3/2019	5/2/2028		\$290,000.00	\$0.00	Purchase Five Medium-Duty ZEVs	\$290,000.00	No
ML18135	City of Azusa	12/6/2019	12/5/2029		\$55,000.00	\$0.00	Purchase Three Light-Duty ZEVs and One H	\$55,000.00	No
ML18136	City of Orange	4/12/2019	8/11/2024		\$42,500.00	\$40,000.00	Purchase Four Light-Duty ZEVs and Install	\$2,500.00	No
ML18137	City of Wildomar	3/1/2019	5/31/2021	12/1/2022	\$50,000.00	\$0.00	Install Bicycle Trail	\$50,000.00	No
ML18141	City of Rolling Hills Estates	2/14/2020	1/13/2024	1/13/2025	\$40,000.00	\$0.00	Purchase One Light-Duty ZEV and Install Tw	\$40,000.00	No
ML18142	City of La Quinta	4/24/2019	2/23/2023	8/23/2023	\$51,780.00	\$0.00	Install Two EV Charging Stations	\$51,780.00	No
ML18144	City of Fontana Public Works	10/4/2019	12/3/2023		\$269,090.00	\$0.00	Install Twelve EVSEs	\$269,090.00	No
ML18145	City of Los Angeles Dept of Transpor	1/10/2020	4/9/2027		\$1,400,000.00	\$0.00	Provide One Hundred Rebates to Purchaser	\$1,400,000.00	No
ML18146	City of South Gate	3/1/2019	11/30/2023	11/30/2025	\$127,400.00	\$50,000.00	Purchase Five Light-Duty ZEVs and Install T	\$77,400.00	No
ML18147	City of Palm Springs	1/10/2019	1/9/2024	7/9/2026	\$60,000.00	\$0.00	Install Eighteen EV Charging Stations	\$60,000.00	No
ML18148	City of San Dimas	1/21/2022	5/20/2023		\$50,000.00	\$0.00	Implement Bicycle Detection Measures	\$50,000.00	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 Emissi	\$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		\$25,000.00	\$10,000.00	Purchase 1 Light-Duty Zero Emission and E	\$15,000.00	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 Emiss	\$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 Emissi	\$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
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	12/6/2028	\$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	11/30/2027	\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
ML18179	City of Rancho Mirage	8/20/2021	2/19/2022		\$50,000.00	\$50,000.00	Traffic Signal Synchronization	\$0.00	No
MS18002	Southern California Association of G	6/9/2017	11/30/2018	12/30/2021	\$2,500,000.00	\$2,276,272.46	Regional Active Transportation Partnership	\$223,727.54	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	\$361,688.10	Weekend Freeway Service Patrols	\$138,311.90	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021	8/27/2023	\$1,500,000.00	\$659,640.00	Vanpool Incentive Program	\$840,360.00	No
MS18027	City of Gardena	11/2/2018	9/1/2026	1/1/2028	\$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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18104	Orange County Transportation Autho	2/21/2020	3/31/2021	3/31/2022	\$212,000.00	\$165,235.92	Implement College Pass Transit Fare Subsid	\$46,764.08	No
MS18106	R.F. Dickson Co., Inc.	7/19/2019	1/18/2026		\$265,000.00	\$250,000.00	Expansion of Existing Infrastructure/Mechani	\$15,000.00	No
MS18108	Capistrano Unified School District	2/1/2019	5/30/2025		\$116,000.00	\$0.00	Expansion of Existing Infrastructure & Train	\$116,000.00	No
MS18110	Mountain View Unified School Distric	2/1/2019	3/31/2025		\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	No
MS18114	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18115	City of Commerce	6/7/2019	12/6/2025		\$275,000.00	\$0.00	Expansion of Existing L/CNG Infrastructure	\$275,000.00	No
MS18116	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18118	City of Beverly Hills	3/29/2019	7/28/2025		\$85,272.00	\$0.00	Expansion of Existing CNG Infrastructure	\$85,272.00	No
MS18122	Universal Waste Systems, Inc.	2/1/2019	3/31/2025	3/31/2027	\$200,000.00	\$0.00	Install New Limited Acess CNG Infrastructur	\$200,000.00	No
MS18175	Regents of the University of Californi	6/7/2019	8/6/2025	8/6/2026	\$1,000,000.00	\$0.00	Expansion of Existing Hydrogen Station	\$1,000,000.00	No
Total: 81				•					<u> </u>
Pending Ex	recution Contracts								
MS18180	Omnitrans				\$83,000.00	\$0.00	Modify Vehicle Maintenance Facility and Trai	\$83,000.00	No
MS18181	San Bernardino County Transportatio				\$1,662,000.00	\$0.00	Construct Hydrogen Fueling Station	\$1,662,000.00	No
MS18182	Air Products and Chemicals Inc.				\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No
MS18183	Nikola Energy, Inc.				\$1,660,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,660,000.00	No
MS18184	Clean Energy				\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No
Total: 5									_
Declined/Ca	ancelled Contracts								
ML18044	City of Malibu	8/8/2018	10/7/2022	10/7/2023	\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	No
ML18140	City of Bell Gardens	12/14/2018	12/13/2028		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-ZEVs	\$50,000.00	No
ML18149	City of Sierra Madre				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18150	City of South El Monte				\$20,000.00	\$0.00	Implement Bike Share Program	\$20,000.00	No
ML18153	City of Cathedral City	5/3/2019	4/2/2025		\$52,215.00	\$0.00	Install EV Charging Infrastructure	\$52,215.00	No
ML18158	City of Inglewood				\$146,000.00	\$0.00	Purchase 4 Light-Duty Zero Emission, 4 Hea	\$146,000.00	No
ML18164	City of Pomona				\$200,140.00	\$0.00	Purchase Three Heavy-Duty ZEVs	\$200,140.00	No
MS18009	Penske Truck Leasing Co., L.P.	8/8/2018	12/7/2020		\$82,500.00	\$0.00	Modify Maintenance Facility & Train Technici	\$82,500.00	No
MS18013	California Energy Commission				\$3,000,000.00	\$0.00	Advise MSRC and Administer Hydrogen Infr	\$3,000,000.00	No
MS18017	City of Banning				\$225,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$225,000.00	No
MS18018	City of Norwalk	6/8/2018	9/7/2019		\$75,000.00	\$0.00	Vehicle Maintenance Facility Modifications	\$75,000.00	No
MS18107	Huntington Beach Union High School				\$225,000.00	\$0.00	Expansion of Existing Infrastructure	\$225,000.00	No
MS18109	City of South Gate				\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18111	Newport-Mesa Unified School District				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS18112	Banning Unified School District	11/29/2018	11/28/2024	11/28/2025	\$275,000.00	\$0.00	Install New CNG Infrastructure	\$275,000.00	No
MS18113	City of Torrance				\$100,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$100,000.00	No
MS18119	LBA Realty Company XI LP				\$100,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$100,000.00	No

			Original	Amended	Contract			Award	Billing
Cont.#	Contractor	Start Date	End Date	End Date	Value	Remitted	Project Description	Balance	Complete?
MS18121	City of Montebello				\$70,408.00	\$0.00	Expansion of Existing CNG Infrastructure	\$70,408.00	No
Total: 19									
Closed Con	ntracts								
ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$46,079.31	Install EV Charging Stations	\$3,581.69	Yes
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020	1/2/2021	\$50,000.00	\$50,000.00	Traffic Signal and Synchronization Project	\$0.00	Yes
ML18088	City of Big Bear Lake	11/29/2018	8/28/2020	8/28/2021	\$50,000.00	\$50,000.00	Install Bicycle Trail	\$0.00	Yes
ML18126	City of Lomita	12/7/2018	1/6/2020		\$26,500.00	\$13,279.56	Install bicycle racks and lanes	\$13,220.44	Yes
ML18139	City of Calimesa	8/30/2019	7/29/2020	11/29/2021	\$50,000.00	\$50,000.00	Install Bicycle Lane	\$0.00	No
MS18001	Los Angeles County MTA	6/29/2017	4/30/2018		\$807,945.00	\$652,737.07	Provide Clean Fuel Transit Service to Dodge	\$155,207.93	Yes
MS18003	Geographics	2/21/2017	2/20/2021	6/20/2021	\$72,453.00	\$65,521.32	Design, Host and Maintain MSRC Website	\$6,931.68	Yes
MS18004	Orange County Transportation Autho	8/3/2017	4/30/2019		\$503,272.00	\$456,145.29	Provide Special Rail Service to Angel Stadiu	\$47,126.71	Yes
MS18005	Orange County Transportation Autho	1/5/2018	4/30/2019		\$834,222.00	\$834,222.00	Clean Fuel Bus Service to OC Fair	\$0.00	Yes
MS18006	Anaheim Transportation Network	10/6/2017	2/28/2020		\$219,564.00	\$9,488.22	Implement Anaheim Circulator Service	\$210,075.78	Yes
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	Yes
MS18010	Southern California Regional Rail Aut	12/28/2017	7/31/2019		\$351,186.00	\$275,490.61	Implement Special Metrolink Service to Unio	\$75,695.39	Yes
MS18011	Southern California Regional Rail Aut	2/9/2018	6/30/2018		\$239,565.00	\$221,725.12	Special Train Service to Festival of Lights	\$17,839.88	Yes
MS18014	Regents of the University of Californi	10/5/2018	12/4/2019	3/4/2020	\$254,795.00	\$251,455.59	Planning for EV Charging Infrastructure Inve	\$3,339.41	Yes
MS18016	Southern California Regional Rail Aut	1/10/2019	3/31/2019		\$87,764.00	\$73,140.89	Special Train Service to Auto Club Speedwa	\$14,623.11	Yes
MS18025	Los Angeles County MTA	11/29/2018	5/31/2019		\$1,324,560.00	\$961,246.86	Special Bus and Train Service to Dodger Sta	\$363,313.14	Yes
MS18102	Orange County Transportation Autho	10/4/2019	5/31/2020		\$1,146,000.00	\$1,146,000.00	Implement OC Flex Micro-Transit Pilot Proje	\$0.00	Yes
MS18103	Orange County Transportation Autho	2/8/2019	9/7/2020		\$642,000.00	\$613,303.83	Install Hydrogen Detection System	\$28,696.17	Yes
MS18105	Southern California Regional Rail Aut	1/10/2019	6/30/2019		\$252,696.00	\$186,830.04	Special Train Service to the Festival of Light	\$65,865.96	Yes
Total: 19									
Closed/Inco	omplete 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					1			1	-
Open/Comp	olete Contracts								
ML18019	City of Hidden Hills	5/3/2018	5/2/2022	5/2/2023	\$49,999.00	\$49,999.00	Purchase Two Light-Duty ZEVs and EVSE	\$0.00	Yes
ML18028	City of Artesia	6/28/2018	3/27/2025		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18032	City of Arcadia	2/1/2019	4/30/2025		\$24,650.00	\$24,650.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18033	City of Duarte	8/8/2018	2/7/2025		\$50,000.00	\$50,000.00	Purchase 1-HD ZEV	\$0.00	Yes
ML18034	City of Calabasas	6/8/2018	3/7/2022	3/7/2023	\$50,000.00	\$50,000.00	Install EVSE	\$0.00	No
ML18035	City of Westlake Village	8/8/2018	11/7/2022		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18037	City of Westminster	6/28/2018	6/27/2024	12/27/2026	\$120,900.00	\$120,900.00	Install EVSE, Purchase up to 3-LD ZEV & 1-	\$0.00	Yes
ML18038	City of Anaheim	10/5/2018	5/4/2025	5/4/2026	\$151,630.00	\$147,883.27	Purchase 5 Light-Duty ZEVs and Install EVS	\$3,746.73	Yes
ML18039	City of Redlands	6/28/2018	7/27/2024	1/27/2025	\$63,191.00	\$63,190.33	Purchase 1 Medium/Heavy-Duty ZEV and In	\$0.67	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML18056	City of Chino	3/29/2019	9/28/2023		\$103,868.00	\$103,868.00	Install EV Charging Infrastructure	\$0.00	No
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 Infras	\$0.00	Yes
ML18079	City of Pasadena	12/7/2018	11/6/2023		\$183,670.00	\$183,670.00	EV Charging Infrastructure	\$0.00	Yes
ML18081	City of Beaumont	10/5/2018	10/4/2022	10/4/2025	\$31,870.00	\$31,870.00	EV Charging Infrastructure	\$0.00	Yes
ML18085	City of Orange	4/12/2019	10/11/2026		\$50,000.00	\$50,000.00	Purchase Two Heavy-Duty Near-Zero Emissi	\$0.00	Yes
ML18086	City of Los Angeles Bureau of Street	2/8/2019	4/7/2023		\$300,000.00	\$300,000.00	Install Sixty EV Charging Stations	\$0.00	Yes
ML18087	City of Murrieta	3/29/2019	3/28/2025		\$143,520.00	\$143,520.00	Install Four EV Charging Stations	\$0.00	No
ML18090	City of Santa Clarita	5/9/2019	2/8/2023	2/8/2024	\$122,000.00	\$118,978.52	Install Nine EV Charging Stations	\$3,021.48	Yes
ML18095	City of Gardena	11/9/2018	12/8/2024		\$25,000.00	\$25,000.00	Purchase Heavy-Duty Near-ZEV	\$0.00	Yes
ML18096	City of Highland	12/13/2019	8/12/2024		\$10,000.00	\$9,918.84	Purchase Light-Duty Zero Emission Vehicle	\$81.16	Yes
ML18097	City of Temple City	11/29/2018	7/28/2022		\$16,000.00	\$12,000.00	Purchase Two Light-Duty ZEVs	\$4,000.00	Yes
ML18127	City of La Puente	2/1/2019	2/28/2023		\$10,000.00	\$7,113.70	Purchase Light-Duty Zero Emission Vehicle	\$2,886.30	Yes
ML18128	City of Aliso Viejo	8/30/2019	11/29/2023		\$65,460.00	\$65,389.56	Purchase Two Light-Duty ZEVs and Install S	\$70.44	No
ML18130	City of Lake Forest	3/1/2019	9/30/2022		\$106,480.00	\$106,480.00	Install Twenty-One EVSEs	\$0.00	No
ML18131	City of Los Angeles, Police Departm	5/3/2019	12/2/2022		\$19,294.00	\$19,294.00	Purchase Three Light-Duty ZEVs	\$0.00	Yes
ML18138	City of La Canada Flintridge	2/8/2019	5/7/2023		\$50,000.00	\$32,588.07	Install Four EVSEs and Install Bicycle Racks	\$17,411.93	No
ML18143	City of La Habra	10/18/2019	9/17/2025	9/17/2027	\$80,700.00	\$80,700.00	Install Two EV Charging Stations	\$0.00	Yes
ML18154	City of Hemet	11/22/2019	9/21/2023	3/21/2024	\$30,000.00	\$30,000.00	Purchase Two Light-Duty ZEVs and EV Cha	\$0.00	Yes
ML18155	City of Claremont	7/31/2019	9/30/2023		\$35,609.00	\$35,608.86	Install EV Charging Infrastructure	\$0.14	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18169	City of Alhambra	6/14/2019	8/13/2024		\$111,980.00	\$111,980.00	Install EV Charging Infrastructure	\$0.00	No
ML18171	City of El Monte	3/1/2019	4/30/2025		\$119,757.00	\$68,077.81	Purchase One Heavy-Duty ZEVs and EV Ch	\$51,679.19	No
ML18173	City of Manhattan Beach	3/29/2019	2/28/2023		\$49,000.00	\$49,000.00	Purchase Two Light-Duty ZEVs and EV Cha	\$0.00	Yes
ML18176	City of Coachella	3/1/2019	11/30/2024		\$58,020.00	\$58,020.00	Install EV Charging Stations	\$0.00	Yes
MS18012	City of Hermosa Beach	2/2/2018	2/1/2024		\$36,000.00	\$36,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS18066	El Dorado National	12/6/2019	2/5/2026		\$100,000.00	\$100,000.00	Install New Limited-Access CNG Station	\$0.00	Yes
MS18117	City of San Bernardino	6/7/2019	11/6/2025		\$240,000.00	\$240,000.00	Expansion of Existing CNG Infrastructure/Me	\$0.00	No
MS18120	City of Redondo Beach	2/1/2019	9/30/2025		\$275,000.00	\$275,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes
MS18123	City Rent A Bin DBA Serv-Wel Dispo	12/14/2018	2/13/2025		\$200,000.00	\$200,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes
MS18124	County Sanitation Districts of Los An	7/31/2019	2/28/2027		\$275,000.00	\$275,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	No
MS18125	U.S. Venture	5/9/2019	8/8/2025		\$200,000.00	\$200,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes

Total: 57

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2018	8-2021 Contracts								
Open Cont	tracts								
MS21002	Better World Group Advisors	11/1/2019	12/31/2022		\$265,079.00	\$119,163.95	Programmatic Outreach Services	\$145,915.05	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	4#########	No
MS21006	Geographics	4/1/2021	6/20/2023		\$12,952.00	\$3,587.25	Hosting & Maintenance of the MSRC Websit	\$9,364.75	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
MS21011	RDS Logistics Group	1/21/2022	7/20/2028		\$808,500.00	\$0.00	Deploy 3 Zero-Emission Yard Tractors and	\$808,500.00	No
MS21013	4 Gen Logistics	3/27/2022	5/26/2028		\$7,000,000.00	\$0.00	Deploy 40 Zero Emssion Trucks	\$7,000,000.00	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
MS21019	Volvo Financial Services	3/31/2022	3/30/2030		\$3,930,270.00	\$0.00	Lease up to 14 Zero-Emission Trucks and Pr	\$3,930,270.00	No
Total: 12			II.		1	il.			1
Pending E.	xecution Contracts								
MS21007	Penske Truck Leasing Co., L.P.				\$1,000,000.00	\$0.00	Deploy 5 Zero-Emission Yard Tractors	\$1,000,000.00	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
MS21012	Amazon Logistics, Inc.				\$4,157,710.00	\$0.00	Deploy up to 10 Zero-Emission and 100 Nea	\$4,157,710.00	No
MS21016	Ryder Integrated Logistics, Inc.				\$3,169,746.00	\$0.00	Procure Two Integrated Power Centers and	\$3,169,746.00	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
MS21024	Costco Wholesale				\$160,000.00	\$0.00	Install EV Charging Infrastructure	\$160,000.00	No
Total: 9			ı	1	ı	ı			
Declined/C	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
Total: 1			•	•					
Closed Co.	ntracts								
MS21001	Los Angeles County MTA	8/30/2019	7/29/2020		\$1,148,742.00	\$285,664.87	Implement Special Transit Service to Dodger	\$863,077.13	Yes
MS21003	Orange County Transportation Autho	7/8/2020	5/31/2021		\$468,298.00	\$241,150.48	Provide Express Bus Service to the Orange	\$227,147.52	Yes

Total: 2



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 27

REPORT: California Air Resources Board Monthly Meeting

SYNOPSIS: The California Air Resources Board held a meeting on April 28, 2022. The

following is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file.

Gideon Kracov, Member South Coast AQMD Governing Board

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The California Air Resources Board (CARB or Board) held a meeting remotely on April 28, 2022 via a web-based videoconferencing service. The key items presented are summarized below.

DISCUSSION ITEMS

22-6-1: Public Meeting to Hear an Informational Update on Zero-Emission Vehicle Infrastructure

The Board heard an informational update on activities California is undertaking to ensure the State's fueling infrastructure is sufficient to support our zero-emission vehicle and equipment programs and regulations. Many of the State's most important environmental programs to improve air quality, reach carbon neutrality, and support environmental justice goals depend on California's historic transition away from combustion driven transportation, and developing a sound and accessible infrastructure to fuel zero emission vehicles (ZEVs) is key to achieving these goals. The Board heard how CARB and our state agency partners are developing the necessary fueling infrastructure system needed to increase the ZEVs operational range and the penetration of zero-emission technologies in California. The presentation also included representatives from the Governor's Office of Business and Economic Development, the California Public Utilities Commission, the California Building Standards Commission, the California Department of Housing and Community Development, the California State Transportation Agency, and the California Energy Commission.

22-6-2: Public Meeting to Hear an Informational Update on the Electric Vehicle Supply Equipment Standards Technology Review

The Board heard a summary of the Electric Vehicle Supply Equipment (EVSE) Standards Technology Review (EVSE Technology Review). California's transition to zero-emission transportation is critical to achieving the State's air quality and climate goals, and to support this transition the Board adopted the EVSE Standards Regulation (EVSE Regulation) in 2019, pursuant to Senate Bill 454 (SB 454, Corbett, Chapter 418, Statutes of 2013). SB 454 requires CARB to reduce barriers for all Californians to access public charging stations. The EVSE Regulation does this by requiring that Electric Vehicle Service Provider (EVSP) networks allow access to all and include universal payments methods through credit card readers and mobile payment device options. The EVSE Technology Review evaluated the availability and use of different payment methods and included a survey of drivers' experiences accessing public charging stations. The review concluded that although there is more to learn about public accessibility, no changes to the EVSE Standards Regulation are warranted at this time.

Attachment

CARB April 28, 2022 Meeting Agenda





Public Meeting Agenda

Thursday, April 28, 2022

California Environmental Protection Agency

1001 I Street, Sacramento, California 95814 Byron Sher Auditorium, 2nd Floor

Webcast (Livestream/Watch Only) **Zoom** (Remote Public Participation – see below)

In addition to in-person participation, remote participation is available to members of the public via Zoom. More information on how to participate and comment verbally on an agenda item or during open public comment can be found *here*. To participate via Zoom, you must register for the Zoom Webinar at *this link*.

Alternatively, during the Board Meeting, members of the public can offer verbal comments by calling in via telephone. Zoom registration is not required if calling in to the Zoom webinar number below.

Phone Number: (669) 900-6833 Webinar ID: 856 8550 8525

Remote Public Participation Guide

To only watch the Board Meeting and not provide verbal comments, please view the **webcast**. 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.

Spanish interpretation will be provided for the April 28, 2022, Board Meeting.

Agenda de la Reunión Pública

Guía de participación pública remota

Thursday, April 28, 2022 @ 9:00 a.m.

Discussion Items:

The following agenda items may be heard in a different order at the Board Meeting.

22-6-1: Public Meeting to Hear an Informational Update on Zero-Emission Vehicle Infrastructure

The Board will hear an informational update on the California Air Resources Board's and other State agencies' infrastructure activities to support the roll-out of zero-emission vehicles necessary to meet air quality, carbon neutrality, and environmental justice goals. The Board

will also hear from representatives of the Governor's Office of Business and Economic Development, the California Public Utilities Commission, the California Building Standards Commission, the California Department of Housing and Community Development, the California State Transportation Agency, and the California Energy Commission on the breadth of analysis, planning, and actions underway to support zero-emission fueling infrastructure.

- More Information
- Item Summary
- Meeting Presentation
- Submit Written Comments
- View Public Comments

22-6-2: Public Meeting to Hear an Informational Update on the Electric Vehicle Supply Equipment Standards Technology Review

The Board will hear a summary of the Electric Vehicle Supply Equipment Standards Technology Review.

- More Information
- Public Meeting Notice
- Staff Report
- Item Summary
- Meeting Presentation
- Submit Written Comments
- View Public Comments

Closed Session

The Board may hold a closed session, as authorized by Government Code section 11126(a)(1), and 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

<u>Please Note</u>: PowerPoint presentations to be displayed during public comment at the Board meeting must be electronically submitted via email to the Clerks' Office at <u>cotb@arb.ca.gov</u> 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 alterno 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 electronico 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: May 6, 2022 AGENDA NO. 29

PROPOSAL: Determine That Proposed Amendments to Rule 1147 – NOx

Reductions from Miscellaneous Sources, Are Exempt from CEQA;

and Amend Rule 1147

SYNOPSIS: Proposed Amended Rule 1147 applies to RECLAIM and non-

RECLAIM facilities and is being amended to update the NOx emission limits and establish new CO limits to reflect BARCT emission limits for applicable equipment categories. The proposed amendments also include additional combustion equipment that is currently not regulated, establish compliance schedules with interim emission limits, include provisions for monitoring,

reporting, and recordkeeping, and revise exemptions.

COMMITTEE: Stationary Source, February 18, 2022, Reviewed

RECOMMENDED ACTIONS:

Adopt the attached Resolution:

- 1. Determining that Proposed Amended Rule 1147 NOx Reductions from Miscellaneous Sources, is exempt from the requirements of the California Environmental Quality Act; and
- 2. Amending Rule 1147 NOx Reductions from Miscellaneous Sources.

Wayne Nastri Executive Officer

SR:MK:HF:GQ:SW

Background

During the adoption of the 2016 AQMP, the Resolution directed staff to modify Control Measure CMB-05 to achieve five tons per day NOx emission reduction, as soon as feasible, but not later than 2025 and to transition the RECLAIM program to a command-and-control regulatory program. Before facilities can be transitioned from RECLAIM, a command-and-control rule that specifies NOx emission limits must be established. Rule 1147 – NOx Reductions from Miscellaneous Sources (Rule 1147) regulates NOx emissions from miscellaneous combustion equipment located at a wide

variety of non-RECLAIM facilities. Proposed Amended Rule 1147 (PAR 1147) updates NOx emission limits for existing equipment categories and establishes equipment categories that are currently not regulated. PAR 1147 also includes an emission limit for CO and additional requirements for monitoring and recordkeeping. The proposed NOx and CO emission limits for existing categories, and new emission limits for the additional equipment categories, represent BARCT. The proposed amended rule updates compliance dates and includes new NOx and CO emission limits for RECLAIM, non-RECLAIM, and former RECLAIM facilities. PAR 1147 will affect roughly 5,300 units located at approximately 3,000 facilities including 85 RECLAIM facilities.

Public Process

The development of PAR 1147 was conducted through a public process. Through the rulemaking process, 11 Working Group meetings were held on February 28, 2019, April 17, 2019, May 30, 2019, October 23, 2019, February 11, 2020, May 14, 2020, November 12, 2020, March 10, 2021, July 14, 2021, September 8, 2021, and January 5, 2022. The meetings included a variety of stakeholders such as affected facilities, industry associations, equipment vendors, public agencies, and environmental and community groups. A public workshop was held on January 27, 2022. All public meetings after March 2020 were held virtually due to COVID-19. Staff also held numerous meetings with individual stakeholders impacted by this rulemaking and conducted site visits at facilities subject to this rule.

Proposed Amendments

PAR 1147 applies to non-RECLAIM, RECLAIM, and former RECLAIM facilities that operate gaseous fuel-fired combustion equipment with a rated heat input of greater than or equal to 325,000 BTU/hr. The proposed amended rule establishes a NOx concentration limit of 9 parts per million by volume (ppmv) for micro-turbines and 20 to 60 ppmv for all remaining equipment categories depending on application, process temperature, and implementation timeframes. A CO concentration limit of 1,000 ppmv is proposed for all applicable equipment categories. Interim limits are proposed for equipment located at former RECLAIM facilities that must be met after the facility exits RECLAIM, until the operator is required to meet the proposed NOx limit that is representative of BARCT.

The proposed amended rule includes two implementation schedules, one for units that do not have a permit limit at the current Rule 1147 limits (primarily RECLAIM facilities) and one for units meeting the current Rule 1147 limits (primarily non-RECLAIM facilities). Units not meeting current Rule 1147 limits will be required to meet the proposed limits when the burner reaches 12 years of age or by July 1, 2023, whichever is later. Units achieving current Rule 1147 limits will be required to meet the proposed limits when the burner reaches 32 years of age or by July 1, 2023, whichever is later. The extended compliance schedule of 32 years is to address units recently retrofit to meet the final implementation of NOx limits expected by 2019 as established in previous rule amendments.

PAR 1147 also includes updated provisions for monitoring, reporting, and recordkeeping.

Emission Reductions

The baseline emissions inventory of the impacted equipment universe is 3.69 tons per day. Estimated emission reductions of PAR 1147 over full implementation are estimated to be 1.59 tons per day.

Key Issues

Through the rulemaking process, staff has worked with stakeholders to address and resolve all issues. Staff is not aware of any remaining key issues.

California Environmental Quality Act

Pursuant to the California Environmental Quality Act (CEQA) Guidelines Sections 15002(k) and 15061, PAR 1147 is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3). A Notice of Exemption has been prepared pursuant to CEQA Guidelines Section 15062 and is included as Attachment H to this Board letter. If PAR 1147 is approved, the Notice of Exemption will be filed for posting with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino counties, and with the State Clearinghouse of the Governor's Office of Planning and Research.

Socioeconomic Impact Assessment

PAR 1147 potentially affects 3,000 facilities with new NOx emission limits for miscellaneous combustion equipment. 1,300 facilities will incur recurring source test costs to demonstrate compliance with current emission limits until future replacement or retrofit of combustion equipment, with an approximate annual cost of \$1,300 per facility. Out of the 3,000 facilities only 68 facilities are expected to incur cost impacts for the replacement or retrofit of equipment to meet the emission limits. Most facilities affected by the proposed amendments will be required to meet the emission limits upon the future replacement of combustion equipment based on the expected useful life of 32 years. The majority of the affected facilities with compliance costs belong to the manufacturing sector.

The average annual compliance cost of PAR 1147 is estimated at \$2.9 to \$3.2 million. For facilities incurring one time capital cost impacts, the average compliance cost annualized over the equipment life is estimated at \$17,000 to \$21,000 per year. An average of 82 to 84 jobs are projected to be forgone annually from 2023 to 2058 depending on real interest rate used, 1 percent and 4 percent, respectively. The jobs forgone represents less than 0.0005 percent of total annual average jobs (about 11.6 million) in the region. The majority of jobs forgone are expected to occur in the manufacturing sector. Textile mills and textile product mills (NAICS 313 and 314) are projected to experience about 13 percent of the total jobs foregone (11 in total). The jobs foregone do not necessarily represent the loss of an existing job, it can also represent a job that will not be created in the future.

AQMP and Legal Mandates

PAR 1147 will partially implement CMB-05 – Further NOx Reductions from RECLAIM Assessment in the 2016 AQMP and will reduce NOx emissions and facilitate the transition of facilities in the NOx RECLAIM program to a command-and-control regulatory structure. PAR 1147 also implements AB 617 by establishing BARCT requirements. PAR 1147 implements Sections 110, 172, 173, and 182(e) of the Clean Air Act and will be submitted to CARB and U.S. EPA for inclusion into the State Implementation Plan.

Resource Impacts

Existing staff resources are adequate to implement the proposed amended rule. To address the increased number of permit applications, PAR 1147 includes a staggered implementation schedule to better distribute these applications. Staff estimates 200 permit applications per year during first five years of implementation and then about 150 applications per year for the following years until full implementation.

Attachments

- A. Summary of Proposal
- B. Key Issues and Responses
- C. Rule Development Process
- D. Key Contacts List
- E. Resolution
- F. Proposed Amended Rule 1147
- G. Final Staff Report with Socioeconomic Impact Assessment
- H. Notice of Exemption from CEQA
- I. Board Meeting Presentation

ATTACHMENT A SUMMARY OF PROPOSAL

Proposed Amended Rule 1147 – NOx Reductions from Miscellaneous Sources

Applicability:

 Manufacturers, distributors, retailers, installers, owners, and operators of gaseous and/or liquid fuel fired combustion equipment greater than or equal to 325,000 Btu/hr with NOx emissions that require a South Coast AQMD permit when other South Coast AQMD Regulation XI rules are not applicable

Emission Limits:

- Establishes interim NOx emission limits of:
 - o Existing Rule 1147 limits for non-RECLAIM facilities; or
 - o 102 ppmv or existing NOx permit limit, whichever is lower, for former RECLAIM facilities
- Establishes NOx emission limit of:
 - o Nine ppmv for microturbines; or
 - o Between 20 to 60 ppmv for all remaining equipment categories
- NOx concentration limits for Turbines are corrected to 15 percent oxygen, dry basis, and all others are corrected to 3 percent oxygen, dry basis
- Concentration limit for Tunnel Kiln(s) equipped with certified NOx CEMS is demonstrated based on a 24-hour rolling average corrected to 3 percent oxygen, on a dry basis at standard conditions
- Concentration limit for all other Unit(s) is demonstrated Using a South Coast AQMD approved source test protocol averaged over a period of at least 15 minutes of combustion system operation and no more than 60 consecutive minutes, or alternative time period approved by the Executive Officer

Monitoring, Recordkeeping and Reporting:

- Periodic source testing based on equipment size:
 - o Less than 10 MMBtu/hr Every 5 Calendar Years
 - Less than 40 and greater than or equal to 10 MMBtu/hr

 Every 3

 Calendar Years
 - o Greater than or equal to 40 MMBtu/hr Every Calendar Year
- Unit(s) rated greater than or equal to 40 MMBtu/hr that have not operated for at least 6 consecutive months may conduct a source test no later than 90 days after the Unit(s) resumed operation
- Tunnel Kiln(s) with an existing continuous emission monitoring system, or equivalent, shall continue to operate the system and comply with the requirements of Rules 218.2 and 218.3

Compliance Schedule

- Unit(s) with permit limits at or below existing Rule 1147 NOx limits shall submit a permit application to comply with tightened emission limits by:
 - o July 1, 2023 for a Unit where the burner is 32 years of age or older
 - O July 1st of the year when a Unit's burner age reaches 32 years of age, whichever is later
- All other Unit(s) shall submit a permit application by:
 - o July 1, 2023 for a Unit where the burner is 12 years of age or older
 - o July 1st of the year when a Unit's burner age reaches 12 years of age, whichever is later
- Unit(s) must demonstrate compliance with the proposed NOx and CO limits no later than:
 - o 12 months after a permit is issued or the expiration date of the permit, if any extension of time has been approved in writing pursuant to Rule 205; or
 - o 30 months following the permit application submittal date in the rule
- Emission limits of this rule shall not to apply to Unit(s) with, whichever is lower:
 - Daily NOx emissions of less than one pound per day averaged over a calendar month; or
- O Any new or existing permit limit of less than one pound of NOx per day Exemptions
 - Further exemptions are provided for:
 - o Solid fuel-fired combustion equipment
 - o Heating equipment associated with fuel cells
 - o Unit(s) with burner(s) that is permitted to be fired by a gaseous fuel other than natural gas and/or liquid fuel during normal operations
 - o Unit(s) used in equipment that endothermically decompose solid waste in an environment with little to no oxygen

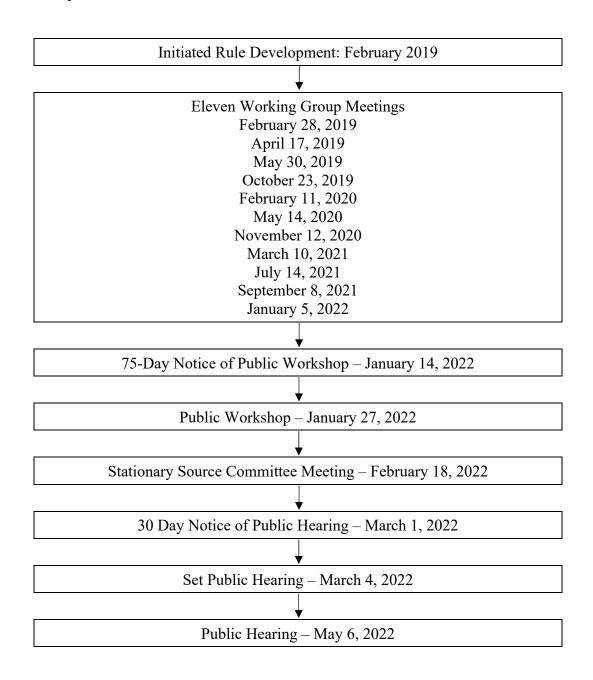
ATTACHMENT B KEY ISSUES AND RESPONSES

Proposed Amended Rule 1147 – NOx Reductions from Miscellaneous Sources

Staff has worked with stakeholders to resolve all issues. Staff is not aware of any remaining key issues

ATTACHMENT C RULE DEVELOPMENT PROCESS

Proposed Amended Rule 1147 – NOx Reductions from Miscellaneous Sources



Thirty-Seven (37) months spent in rule development. One (1) Public Workshop. One (1) Stationary Source Committee Meeting. Eleven (11) Working Group Meetings.

ATTACHMENT D KEY CONTACTS LIST

Proposed Amended Rule 1147 – NOx Reductions from Miscellaneous Sources (*listed alphabetically*)

- Air Gas Testing & Consulting Services
- American Airlines, Inc.
- Andrews Powder Coating, Inc.
- ASC Process Systems
- Boeing Company
- Collins Aerospace
- Fives North American
- Frito Lay, Inc
- Furnace Dynamics
- George T. Hall Company
- Gold Bond Building Products
- Hitco Carbon Composites, Inc.
- Honeywell Thermal Solutions
- Industrial Process Equipment, Inc.
- Interplastic Corporation
- Interspace Battery Corporation
- Matthews International Corporation
- MCA Clay Roof Time
- Midco International
- Mission Clay Products
- Nationwide Boiler Company
- Northrop Grumman
- Pacific Clay Products, Inc.
- Ramboll US Consulting, Inc.
- Sespe Consulting
- SGL Technic, Inc
- Shaffer Environmental Consulting
- Shaw Industries Group, Inc
- Smithfield Foods, Inc
- Southern California Gas Company
- Trend Offset Printing Services, Inc.
- Tri-Mer Corporation
- Vista Metals Corporation

ATTACHMENT E

RESOLUTION NO. 22-___

A Resolution of the Governing Board of the South Coast Air Quality Management District (South Coast AQMD) determining that Proposed Amended Rule 1147 – NOx Reductions from Miscellaneous Sources (Proposed Amended Rule 1147), is exempt from the requirements of the California Environmental Quality Act (CEQA).

A Resolution of the South Coast AQMD Governing Board amending Rule 1147 – NOx Reductions from Miscellaneous Sources.

WHEREAS, the South Coast AQMD Governing Board finds and determines that Proposed Amended Rule 1147 is considered a "project" as defined by CEQA; and

WHEREAS, the South Coast AQMD has had its regulatory program certified pursuant to Public Resources Code Section 21080.5 and CEQA Guidelines Section 15251(l) and has conducted a CEQA review and analysis of the proposed project pursuant to such program (South Coast AQMD Rule 110); and

WHEREAS, the South Coast AQMD Governing Board finds and determines after conducting a review of the proposed project in accordance with CEQA Guidelines Section 15002(k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA, and CEQA Guidelines Section 15061 – Review for Exemption, procedures for determining if a project is exempt from CEQA, that the proposed project is exempt from CEQA; and

WHEREAS, the South Coast AQMD Governing Board finds and determines that, since the only physical modifications that may occur as a result of the proposed project are associated with retrofitting units with ultra low-NOx burners or replacing equipment at the end of its useful life, which may be achieved without involving construction or via minimal construction activities, depending on the affected facility, it can be seen with certainty that implementing the proposed project would not cause a significant adverse effect on the environment, and is therefore exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption; and

WHEREAS, the South Coast AQMD staff has prepared a Notice of Exemption for the proposed project that is completed in compliance with CEQA Guidelines Section 15062 – Notice of Exemption; and

WHEREAS, Proposed Amended Rule 1147 and supporting documentation, including but not limited to, the Notice of Exemption, the Socioeconomic Impact Assessment that is contained in the Final Staff Report, and the Final Staff Report were presented to the South Coast AQMD Governing Board and the South Coast AQMD Governing Board has reviewed and considered this information, as well as has taken and considered staff testimony and public comment prior to approving the project; and

WHEREAS, the South Coast AQMD Governing Board finds and determines, taking into consideration the factors in Section (d)(4)(D) of the Governing Board Procedures (Section 30.5(4)(D)(i) of the Administrative Code), that the modifications to Proposed Amended Rule 1147 since the Notice of Public Hearing was published are clarifications that meet the same air quality objective and are not so substantial as to significantly affect the meaning of Proposed Amended Rule 1147 within the meaning of Health and Safety Code Section 40726 because the addition to paragraph (c)(17) is to clarify an In-Use Unit also refers to a Unit that was issued a South Coast AQMD permit prior to date of rule adoption, clarification to paragraph (d)(3) was to update application submittal date reflecting May 6, 2022 public hearing date, and: (a) the changes do not impact emission reductions, (b) the changes do not affect the number or type of sources regulated by the rule, (c) the changes are not inconsistent with the information contained in the Notice of Public Hearing, and (d) the consideration of the range of CEQA alternatives is not applicable because the proposed project is exempt from CEQA; and

WHEREAS, Proposed Amended Rule 1147 will be submitted for inclusion in the State Implementation Plan; and

WHEREAS, Health and Safety Code Section 40727 requires that prior to adopting, amending or repealing a rule or regulation, the South Coast AQMD Governing Board shall make findings of necessity, authority, clarity, consistency, non-duplication, and reference based on relevant information presented at the public hearing and in the Final Staff Report; and

WHEREAS, the South Coast AQMD Governing Board has determined that a need exists to amend Rule 1147 to continue the transition of facilities in the RECLAIM program to a command-and-control regulatory structure by establishing BARCT to meet the commitments of Control Measure CMB-05 of the Final 2016 Air Quality Management Plan; and

WHEREAS, the South Coast AQMD Governing Board obtains its authority to adopt, amend, or repeal rules and regulations from Health and Safety Code Sections 39002, 40000, 40001, 40440, 40441, 40702, 40725 through 40728, 40920.6, and 41508, as well as the Clean Air Act; and

WHEREAS, the South Coast AQMD Governing Board finds that there is an ozone problem that Proposed Amended Rule 1147 will alleviate and that the proposed

amendments will promote the attainment or maintenance of state or federal ambient air quality standards; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1147 is written and displayed so that its meaning can be easily understood by persons directly affected by it; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1147 is in harmony with, and not in conflict with or contradictory to, existing statutes, court decisions, or state or federal regulations; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1147 does not impose the same requirements as any existing state or federal regulations, and the proposed amended rule is necessary and proper to execute the powers and duties granted to, and imposed upon, the South Coast AQMD; and

WHEREAS, the South Coast AQMD Governing Board, in amending Rule 1147, references the following statutes which the South Coast AQMD hereby implements, interprets or makes specific: Assembly Bill 617 and Health and Safety Code Sections 39002, 39616, 40001, 40406, 40440(a), 40441, 40702, 40725 through 40728.5, 40920.6, 41508, 41700, 42300 et seq., and Clean Air Act Sections 110, 172, 173, and 182(e); and

WHEREAS, Health and Safety Code Section 40727.2 requires the South Coast AQMD to prepare a written analysis of existing federal air pollution control requirements applicable to the same source type being regulated whenever it adopts, or amends, a rule and the South Coast AQMD's comparative analysis of Proposed Amended Rule 1147 is included in the Final Staff Report; and

WHEREAS, the South Coast AQMD Governing Board has determined that the Socioeconomic Impact Assessment of Proposed Amended Rule 1147, as contained in the Final Staff Report, is consistent with the March 17, 1989 Governing Board Socioeconomic Resolution for rule adoption; and

WHEREAS, the South Coast AQMD Governing Board has determined that the Socioeconomic Impact Assessment for Proposed Amended Rule 1147, as contained in the Final Staff Report, is consistent with the provisions of Health and Safety Code Sections 40440.8, 40728.5, and 40920.6; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1147 will result in increased costs to the affected industries, yet such costs are considered to be reasonable, with a total annualized cost as specified in the Final Staff Report; and

WHEREAS, the South Coast AQMD Governing Board has actively considered the Socioeconomic Impact Assessment and has made a good faith effort to minimize such impacts; and

WHEREAS, the South Coast AQMD staff conducted a public workshop on January 27, 2022 regarding Proposed Amended Rule 1147; and

WHEREAS, the public hearing has been properly noticed in accordance with the provisions of Health and Safety Code Sections 40725 and 40440.5; and

WHEREAS, the South Coast AQMD Governing Board has held a public hearing in accordance with all provisions of state and federal law; and

WHEREAS, the South Coast AQMD specifies the Planning and Rules Manager of Rule 1147 as the custodian of the documents or other materials which constitute the record of proceedings upon which the adoption of these proposed amendments is based, which are located at the South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, California; and

NOW, THEREFORE BE IT RESOLVED, that the South Coast AQMD Governing Board does hereby determine, pursuant to the authority granted by law, that Proposed Amended Rule 1147 is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption. This information was presented to the South Coast AQMD Governing Board, whose members exercised their independent judgment and reviewed, considered, and approved the information therein prior to acting on Proposed Amended Rule 1147; and

BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board does hereby adopt, pursuant to the authority granted by law, Proposed Amended Rule 1147 as set forth in the attached, and incorporated herein by reference; and

BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board requests that Proposed Amended Rule 1147 be submitted for inclusion in the State Implementation Plan; and

BE IT FURTHER RESOLVED, that the Executive Officer is hereby directed to forward a copy of this Resolution and Proposed Amended Rule 1147 and supporting documentation to the California Air Resources Board for approval and subsequently submitted to the U.S. Environmental Protection Agency for inclusion in the State Implementation Plan.

DATE:	
	CLERK OF THE BOARDS

ATTACHMENT F

(Adopted December 5, 2008)(Amended September 9, 2011)(Amended July 7, 2017)

[Date of Adoption]

[RULE INDEX TO BE ADDED AFTER RULE ADOPTION]

PROPOSED AMENDED RULE 1147

NOX REDUCTIONS FROM MISCELLANEOUS SOURCES

(a) Purpose and Applicability

The purpose of this rule is to reduce nitrogen oxide (NOx) emissions while limiting carbon monoxide (CO) emissions from gaseous and liquid fuel fired combustion equipment as defined in this rule.

(b) Applicability

This rule applies to manufacturers, distributors, retailers, installers, owners, and operators of gaseous and/or liquid fuel fired ovens, dryers, dehydrators, heaters, kilns, calciners, furnaces, crematories, incinerators, heated pots, cookers, roasters, fryers, closed and open heated tanks and vaporators, distillation units, afterburners, degassing units, vapor incinerators, catalytic or thermal oxidizers, soil and water remediation units and other combustion equipment with NOxnitrogen oxide emissions that require a South Coast AQMD permit and when other South Coast AQMD Regulation XI rules are not applicable to the Unit that require a District permit and are not specifically required to comply with a nitrogen oxide emission limit by other District Regulation XI rules. This rule does not apply to solid fuel fired combustion equipment, internal combustion engines, turbines, food ovens, charbroilers, boilers, water heaters, thermal fluid heaters, enclosed process heaters and other combustion equipment subject to nitrogen oxide limits of other District Regulation XI rules.

(bc) Definitions

- (1) ANNUAL CAPACITY FACTOR means the ratio of the ANNUAL HEAT INPUT of a unit in a calendar year to the amount of fuel it could have burned if it had operated at the rated heat input capacity for 100 percent of the time during the calendar year.
- (2) ANNUAL HEAT INPUT means the actual amount of heat released by fuels burned in a unit during a calendar year, based on the fuel's higher heating value.
- (1) AUTOCLAVE means a device that uses both heat and pressure (over 15 pounds per square inch) to process materials, employing a heating method that includes an internal heat-transfer coil and an external combustion system which fires gaseous or liquid fuels through the coil.

- (2) BEEHIVE KILN means gaseous fuel fired equipment which transfers heat from combusted fuel to air contained in a circular brick Unit, with a domed roof and downdraft exhaust, used to heat ceramic materials at process temperatures greater than or equal to 1,200°F.
- (3) BTU means British thermal unit or units.
- (4) <u>CHILLER means any natural gas fired unit that captures and uses waste heat to provide cold water for air conditioning and other process requirements.</u>
- (5) CHARBROILER means a cooking device composed of a grated grill or skewer and a heat source. The heat source is located beneath the food being cooked or may be located above and below the food. Fuels for the heat source include, but are not limited to, electricity, natural gas, liquefied petroleum gas, charcoal, or wood.
- (46) COMBUSTION SYSTEM MODIFICATION means any modification of burner(s) or heating unit that contains a burner(s), or burner(s) fuel system, combustion air supply, or combustion control system that changes the RATED HEAT INPUT CAPACITYRated Heat Input Capacity of the burner(s) or heating unit.
- (57) COMBUSTION SYSTEM REPAIR means fixing or refurbishing of a burner(s) or heating unit that contains a burner(s), or burner(s) fuel system, combustion air supply, or combustion control system that does not result in a COMBUSTION SYSTEM MODIFICATION Combustion System Modification or COMBUSTION SYSTEM REPLACEMENT Combustion System Replacement.
- (68) COMBUSTION SYSTEM REPLACMENT means the substituting of a burner(s) or a heating unit that includes a burner(s).
- (9) CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) means the total combined equipment and systems required to continuously determine air contaminants and diluent gas concentrations and/or a mass emission rate of a source effluent (as applicable). The CEMS consists of three major subsystems: sampling interface, analyzer and data acquisition system.
- (10) DECOMMISSION means to permanently shut down a Unit by removing the fuel, air, electricity, or other utility source connected to it and to inactivate the Unit's applicable South Coast AQMD permit.

- (711) FOOD OVEN means an oven, cooker, dryer, roaster, or other fuel-fired unit, excluding fryer, used to heat, cook, dry, roast, or prepare food, food products, or products used for making beverages for human consumption.
- (12) FORMER RECLAIM FACILITY means a facility, or any of its successors, that was in the Regional Clean Air Incentives Market program as of January 5, 2018, as established in Regulation XX, that has received a final determination notification, and is no longer in the RECLAIM program.
- (813) HEATER means any combustion equipment that is fired with gaseous and/or liquid fuels and which transfers heat from combusted fuel to materials or air contained in the unit or in an adjoining cabinet, container or structure. -Heater does not include any boiler or PROCESS HEATERProcess Heater designed to transfer heat to water or process streams that is subject to any NOx emission limits of District South Coast AQMD Rules 1109, 1146, 1146.1 or 1146.2, and does not include any internal combustion engine, or turbine Turbine, Autoclave, or Tunnel Kiln.
- (914) HEAT INPUT means the chemical heat released due to assumed complete combustion of fuel in a unit, using the higher heating value of the fuel. This does not include the sensible heat of incoming combustion air the higher heating value of the fuel to the unit measured as BTU per hour.
- (101 HEAT OUTPUT means the enthalpy of the working fluid output of the unit.

<u>5</u>)

(411 INFRARED BURNER means a burner with:

<u>6</u>)

- (A) Ceramic, metal fiber, sintered metal, or perforated metal flame-holding surface;
- (B) More than 50% of the heat output as infrared radiation and that is operated in a manner where the zone including and above the flame-holding surface is red and does not produce observable blue or yellow flames in excess of ½ inch (13 mm) in length; and
- (C) A RATED HEAT INPUT CAPACITY per square foot of flame holding surface of 100,000 BTU per hour or less.

- (121 IN-USE <u>UNIT</u> means is demonstrated to the Executive Officer that a UNIT that
 - 7) was demonstrated to the Executive Officer to be in operation at the current location prior to *January 1, 2010[Date of Adoption]*. A Unit which has been issued with a South Coast AQMD permit application deemed complete prior to [Date of Adoption] but has not yet been installed is considered an In-Use Unit.
- (131 MAKE-UP AIR HEATER means a UNIT Unit used to heat incoming air in
 - <u>8</u>) order to maintain the temperature of a spray booth, container, room or other enclosed space and to provide breathable air for a person who may be present during operation.
- (19) MINIMUM OPERATING TEMPERATURE means the minimum operating temperature specified by the manufacturer, unless otherwise defined in the South Coast AQMD permit.
- (20) NEW UNIT means a Unit that is installed, relocated, or replaced after [Date of Adoption].
- (21) NON-RECLAIM FACILITY means a facility, or any of its successors, that was not in the Regional Clean Air Incentives Market (RECLAIM) program as of January 5, 2018, as established in Regulation XX.
- (142 NOx EMISSIONS means the sum of nitrogen oxide and nitrogen dioxide in the
 - <u>2</u>) flue gas, collectively expressed as nitrogen dioxide.
- (152 PROCESS HEATER means any equipment that is fired with gaseous and/or
- 3) liquid fuels and which transfers heat from combusted fuel to water or process streams. PROCESS HEATER Process Heater does not include any fryer or any furnace, kiln or oven used for melting, heat treating, annealing, drying, curing, baking, cooking, calcining, or vitrifying; any heated tank; or any unfired waste heat recovery heater that is used to recover sensible heat from the exhaust of any combustion equipment.
- (162 PROTOCOL means a South Coast Air Quality Management District approved
 - <u>4</u>) test protocol for determining compliance with emission limits for applicable equipment.
- (172 RATED HEAT INPUT CAPACITY means the gross HEAT INPUT Heat Input
 - <u>5</u>) of the combustion <u>UNIT-Unit</u> specified on a permanent rating plate attached by the manufacturer to the device.- If the <u>UNIT-Unit</u> has been altered or modified, the new Rated <u>gross HEAT INPUTHeat</u> Input Capacity as specified in

- subparagraph (<u>ie</u>)(122)(122)(122)(122)(122) shall be considered as the <u>FR</u>ated <u>HEAT INPUTHEAT Input e</u>Capacity.
- (482 RELOCATION means removal of an existing source from one parcel of land in
 - 6) the jurisdiction of the District South Coast AQMD and installation on another non-contiguous parcel of land where the two parcels are not in actual physical contact and are not. RELOCATION does not mean a move from one parcel of land to another parcel of land where the two parcels have the same address, are under common ownership, and are separated solely by a public roadway or other public right-of-way.
- (27) RECLAIM FACILITY means a facility, or any of its successors, that was in the Regional Clean Air Incentives Market program as of January 5, 2018, as established in Regulation XX.
- (192 REMEDIATION UNIT means a device used to capture or incinerate air toxics,
 - <u>8</u>) <u>volatile organic compounds (VOCs)</u> or other combustible vapors extracted from soil or water.
- (202 RESPONSIBLE OFFICIAL means:

<u>9</u>)

- (A) For a corporation:— a president or vice-president of the corporation in charge of a principal business function or a duly authorized person who performs similar policy-making functions for the corporation; or
- (B) For a partnership or sole proprietorship: -general partner or proprietor, respectively.
- (C) For a government agency: -a duly authorized person
- (30) SHUTDOWN is as defined in Rule 429 Startup and Shutdown Exemption Provisions for Oxides of Nitrogen.
- (31) STARTUP is as defined in Rule 429 Startup and Shutdown Exemption Provisions for Oxides of Nitrogen.
- (213 TENTER FRAME DRYER is a cloth dryer that holds the edges of the material
 - 2) as it is dried in order to control shrinkage.
- (33) TUNNEL KILN means any gaseous fired equipment which transfers heat from combusted fuel to air contained in the Unit with exhaust moisture content above 30 percent using a continuous moving conveyor or vehicle.

- (34) TURBINE means any turbine that is gaseous and/or liquid fueled with or without power augmentation. This turbine is either attached to a foundation at a facility or is portable equipment that will reside at the same facility for more than 12 consecutive months. Two or more turbines powering one shaft shall be treated as one turbine.
- (233 UNIT means any combustion equipment with NOx emissions that require a
 - South Coast AQMD permit, and other South Coast AQMD Regulation XI rules are not applicable to the Unit. Basic equipment with integrated control is considered a single Unit. any oven, dryer, dehydrator, heater, kiln, calciner, furnace, crematory, incinerator, heated pot, cooker, roaster, fryer, heated tank and evaporator, distillation unit, afterburner, degassing unit, vapor incinerator, catalytic or thermal oxidizer, soil or water remediation units and other combustion equipment with nitrogen oxide emissions requiring a District permit and not specifically required to comply with a NOx emission limit by other District Regulation XI rules. UNIT does not mean any solid fuel fired combustion equipment, internal combustion engine, turbine, charbroiler, boiler, water heater, thermal fluid heater, enclosed process heater, and other combustion equipment subject to nitrogen oxide limits of other District Regulation XI rules.
- (243 VAPOR INCINERATOR means a furnace, afterburner, or other device for
 - <u>6</u>) burning and destroying air toxics, VOCs or other combustible vapors in gas or aerosol form in gas streams.

(ed) Requirements

- (1) Until an owner or operator is required to meet the NOx and CO emission limits in Table 2 by the applicable schedule in subdivision (e), the owner or operator shall not operate a Unit that exceeds a NOx emission limit:
 - (A) In Table 1 at a Non-RECLAIM Facility as demonstrated by a source test pursuant to subdivision (h); or
 - (B) Of 102 ppmv, corrected to 3% oxygen, dry, or existing NOx emission limit, whichever is lower, and as demonstrated by a source test pursuant to subdivision (h), for any Unit at a RECLAIM Facility upon the date of becoming a Former RECLAIM Facility
- (42) An owner or operator of a Unit without an existing permit condition(s) that limits emission to a level not to exceed the applicable NOx limits in Table 1

shall meet the applicable NOx and CO limits in Table 2, as demonstrated by a source test pursuant to subdivision (h), by the schedule specified in paragraph (e)(1). On or after January 1, 2010 any person owning or operating a unit subject to this rule shall not operate the unit in a manner that exceeds the applicable nitrogen oxide emission limit specified in Table 1:

- (A) at the time a District permit is required
 - (i) for operation of a new, relocated or replacement unit, or
 - (ii) for a combustion system modification or combustion system replacement, or
 - (iii) July 1 of the year a unit becomes 35 years old; or,
- (B) for in-use units, in accordance with the compliance schedule in Table 2.
- (3) Until an owner or operator is required to comply with the emission-limits of Table 2 specified in the implementation schedule in paragraph (e)(2), an owner or operator of a Unit that meets NOx and CO emission limits of Table 1 as of [date of adoption] shall:
 - (A) Operate the Unit in compliance with the permit if it has an existing permit condition that meets the NOx emission limits in Table 1; or
 - (B) For a Unit that does not have an existing permit condition that meets the NOx emission limits in Table 1, as of [date of adoption],
 - (i) Submit a permit application by MayJune 1, 2022 to add a permit condition to the Permit to Operate that requires compliance with the NOx and CO emission limits in Table 1; and
 - (ii) Demonstrate compliance with the NOx and CO emission limits in Table 1 by a source test conducted pursuant to subdivision (h) in accordance to the schedule in paragraph (h)(13).
- (4) <u>In lieu of complying with the emission limits of Table 2 pursuant to paragraphs</u>
 (d)(2) or (d)(3), an owner or operator of a Unit may elect to Decomission the
 Unit pursuant to paragraph (e)(4).
- (5) An owner or operator of an In-Use Unit shall not operate a Unit that exceeds the applicable NOx and CO emission limits in Table 2 on and after the applicable date specified in subdivision (e).
- (6) An owner or operator of a New Unit shall not operate a New Unit that exceeds the applicable NOx and CO emission limits in Table 2.

- (7) In lieu of complying with the requirements of paragraphs (d)(1) through (d)(6), an owner or operator of a Unit may elect to comply with the following, whichever is lower:
 - (A) NOx emissions less than one pound per day averaged over a calendar month pursuant to subdivision (g) and maintain records pursuant to subdivision (j); or
 - (B) Any new or existing permit limit of less than one pound of NOx per day.
- (8) An owner or operator of a Unit electing to comply with paragraph (d)(7) that fails to demonstrate compliance with paragraph (d)(7) shall:
 - (A) Submit a permit application to meet the emission limits in Table 2 within 180 days of the failure to demonstrate compliance paragraph (d)(7); and
 - (B) Meet the emission limits in Table 2 no later than:
 - (i) 12 months after a permit is issued; or
 - (ii) The expiration date of the permit, if any extension of time has been approved in writing pursuant to Rule 205.
- (9) An owner or operator of an in-use distillate fuel-fired Turbine permitted prior to [Date of Adoption] subject to emission limits of Table 1 shall:
 - (A) Submit a permit application by July 1, 2023 to add a permit condition to the Permit to Operate that requires compliance with an annual fuel throughput of less than or equal to 13,800 gallons/year; and
 - (B) Not operate the Unit in excess of an annual fuel throughput of less than or equal to 13,800 gallons/year.

Table 1 – NOx <u>and CO Concentration Emission Limits for In-Use Units</u> for Unit Heat Ratings \geq 325,000 BTU/hour

Equipment Categories	Process Temperature	Concentration-Emission Limits ¹ (ppmv corrected to 3% O2, dry unless otherwise specified)		
		NOx Limit	CO Limit	
Gaseous Fuel-Fired Equipment ²				

		T					
Afterburner, Degassing Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator	All	60 ppmv or 0.073 lb/MMBtu					
Remediation Unit	All	60 ppmv or 0.073 lb/ MMBtu					
Burn-off Furnace, Burnout Oven, Incinerator or Crematory with or without Integrated Afterburner	All	60 ppmv or 0.073 lb/ MMBtu					
Evaporator, Fryer, Heated Process Tank, or Parts Washer	All	60 ppmv or 0.073 lb/ MMBtu					
Oven, Dehydrator, Dryer, Heater, Kiln, Calciner, Cooker, Roaster, Furnace, or Heated	<1,200°F	30 ppmv or 0.036 lb/ MMBtu	<u>1,000 ppmv</u>				
Storage Tank	≥1,200°F	60 ppmv or 0.073 lb/ MMBtu					
Make-Up Air Heater or other Air Heater located outside of building with temperature controlled zone inside building	All	30 ppmv or 0.036 <u>lb/ MMBtu</u>					
Tenter Frame or Fabric or Carpet Dryer	All	30 ppmv or 0.036 lb/ MMBtu					
Other Unit or Process Temperature	<1,200°F	30 ppmv or 0.036 lb/-MMBtu					
Other Ohlt of Process Temperature	<u>≥1,200°F</u>	60 ppmv or 0.073 lb/-MMBtu					
Liquid Fuel-Fired Equipment							
Turbine <0.3 MW³ (In-Use distillate fuel <0.3 MW)	All	77 ppmv or 0.285 lb/MMBtu					
All liquid for 1 for 3 Units 3	<1,200°F	40 ppmv or 0.053 lb/-MMBtu	<u>1,000 ppmv</u>				
All liquid fuel-fired Units ³	≥1,200°F	60 ppmv or 0.073 lb/-MMBtu					

Equipment Category(ies)	NOx Limit
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	PPM @ 3% O ₂ , dry or Pound/mmBtu heat input			
	Pro	ure		
Gaseous Fuel-Fired Equipment	<u>≤ 800° F</u>	> 800 ° F and <1200° F	≥ 1200 ° F	
Asphalt Manufacturing Operation	4 0 ppm	4 0 ppm		
Afterburner, Degassing Unit, Remediation Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator-1	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	
Burn off Furnace, Burnout Oven, Incinerator or Crematory with or without Integrated Afterburner	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	
Evaporator, Fryer, Heated Process Tank, or Parts Washer	60 ppm or 0.073	60 ppm or 0.073		
Metal Heat Treating, Metal Melting Furnace, Metal Pot, or Tar Pot	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	
Oven, Dehydrator, Dryer, Heater, Kiln, Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank	30 ppm or 0.036 lb/mmBtu	30 ppm or 0.036 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	
Make Up Air Heater or other Air Heater located outside of building with temperature controlled zone inside building	30 ppm or 0.036 lb/mmBtu	30 ppm or 0.036 lb/mmBtu		
Tenter Frame or Fabric or Carpet Dryer	30 ppm or 0.036 lb/mmBtu			
Other Unit or Process Temperature	30 ppm or 0.036 lb/mmBtu	30 ppm or 0.036 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	
Liquid Fuel-Fired Equipment	<u>≤ 800° F</u>	≥ 800 ° F and <1200° F	≥ 1200 ° F	
All liquid fuel fired Units	40 ppm or 0.053 lb/mmBtu	40 ppm or 0.053 lb/mmBtu	60 ppm or 0.080 lb/mmBtu	

^{1.} Emission limit for Tunnel Kiln(s) equipped with certified NOx CEMS is demonstrated pursuant to paragraph (h)(15), emission limit for all other Unit(s) is demonstrated pursuant to paragraph (h)(1).

^{42.} Emission limit applies to burners in units <u>Unit</u> fueled by 100% natural gas that are used to incinerate air toxics, VOCs, or other vapors; or to heat a unit <u>Unit</u>. -The emission limit applies solely when burning 100% gaseous fuel and not when the burner is incinerating air toxics, VOCs, or other vapors. -The <u>uUnit</u> shall be tested or certified to meet the emission limit while fueled with natural gas.

23. Emission limits in ppmv for Turbines are corrected to 15% O2, dry basis.

Table 2 – NOx and CO Emission Limits

Equipment Categories	Process Temperature	Emission Limits ¹ (ppmv corrected to 3% O2, dry unless otherwise specified)		
		NOx Limit	CO Limit	
Gaseous Fi	nent ²			
Afterburner, Degassing Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator	<u>All</u>	20 ppmv or 0.024 lb/MMBtu		
Remediation Unit	All	60 ppmv or 0.073 lb/ MMBtu		
Burn-off Furnace, Burnout Oven, Incinerator or Crematory with or without Integrated Afterburner	<u>All</u>	30 ppmv or 0.036 lb/ MMBtu		
Evaporator, Fryer, Heated Process Tank, or Parts Washer	All	60 ppmv or 0.073 lb/ MMBtu		
Oven, Dehydrator, Dryer, Heater, Kiln,	<1,200°F	20 ppmv or 0.024 lb/ MMBtu	<u>1,000 ppmv</u>	
Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank	≥1,200°F	30 ppmv or 0.036 lb/ MMBtu		
Make-Up Air Heater or other Air Heater located outside of building with temperature controlled zone inside building	<u>All</u>	30 ppmv or 0.036 lb/ MMBtu		
Tenter Frame or Fabric or Carpet Dryer	All	20 ppmv or 0.024 <u>lb/MMBtu</u>		
<u>Autoclave</u>	All	30 ppmv or 0.036 lb/ MMBtu		
Tunnel Kiln or Beehive Kiln	<1,200°F	30 ppmv or 0.036 lb/ MMBtu		

	≥1,200°F	60 ppmv or 0.073 lb/ MMBtu					
Chiller (Absorption or Adsorption)	All	20 ppmv or 0.024 lb/ MMBtu					
Turbine < 0.3 MW ³	<u>All</u>	9 ppmv or 0.033 lb/ MMBtu					
Rotary Dryer	<u>All</u>	30 ppmv or 0.036 lb/ MMBtu					
	<1,200°F	30 ppmv or 0.036 lb/ MMBtu					
Other Unit or Process Temperature	≥1,200°F	60 ppmv or 0.073 lb/ MMBtu					
<u>Liquid Fuel-Fired Equipment</u>							
All liquid final fired Units ³	<1,200°F	40 ppmv or 0.053 lb/ MMBtu	1 000 mmm				
All liquid fuel-fired Units ³	≥1,200°F	60 ppmv or 0.073 lb/ MMBtu	<u>1,000 ppmv</u>				

^{1.} Emission limit for Tunnel Kiln(s) equipped with certified NOx CEMS is demonstrated pursuant to paragraph (h)(15), emission limit for all other Unit(s) is demonstrated pursuant to paragraph (h)(1).

Table 2 — Compliance Schedule for Specific In-Use Units and In-Use Units with NOx Emissions of One Pound per Day or More

Equipment Category(ies)	Submit Permit Application	Unit Shall Be in Compliance
Specific UNIT		
Remediation UNIT -manufactured and installed prior to March 1, 2012	Seven months prior to a combustion system modification, combustion system replacement or	Upon combustion system modification, combustion system replacement or unit replacement or

^{2.} Emission limit applies to burners in Units fueled by 100% natural gas that are used to incinerate air toxics, VOCs, or other vapors; or to heat a Unit. The emission-limit applies solely when burning 100% gaseous fuel and not when the burner is incinerating air toxics, VOCs, or other vapors. The Unit shall be tested or certified to meet the emission limit while fueled with natural gas.

^{3.} Emission limits in ppmv for Turbines are corrected to 15% O2, dry basis.

	unit replacement or a	relocation beginning March 1, 2012
Evaporator, heated process tank, or parts washer with a District permit issued and operating prior to January 1, 2014	Seven months prior to combustion system modification, combustion system replacement or unit replacement	Upon combustion system modification, combustion system replacement or unit replacement
Tar Pot		All new permit applications beginning January 1, 2013
UNIT with Emissions ≥1 Pound/Day		
Afterburner, degassing unit, catalytic oxidizer, thermal oxidizer, vapor incinerator, fryer, or spray booth make up air heater manufactured prior to 1998	December 1, 2013	July 1, 201 4
Other UNIT manufactured prior to 1986	December 1, 2011	July 1, 2012
Other UNIT manufactured prior to 1992	December 1, 2011	July 1, 2012
Other UNIT manufactured prior to 1998	December 1, 2012	July 1, 2013
Any UNIT manufactured after 1997	December 1 of the year prior to the compliance date	July 1 of the year the unit

(2) Unit age shall be based on:

- (A) The original date of manufacture as determined by:
 - (i) Original manufacturer's identification or rating plate permanently fixed to the equipment. If not available, then;
 - (ii) Invoice from manufacturer for purchase of equipment. If not available, then;
 - (iii) Information submitted to the District with prior permit applications for the specific unit. If not available, then;
 - (iv) The unit will be deemed by the District to be 20 years old as of July 1, 2012; or

- (B) The date that operations start for a tunnel kiln or crematory rebuilt prior to January 1, 2010 with new burner(s) as determined by:
 - (i) Production or fuel usage records after burner installation, and
 - (ii) Invoice for burner(s) installation. If not available, then;
 - (iii) Invoice for burner(s) purchase, If not available, then;
 - (iv) Manufacture date of burner(s) as identified by an attached manufacturers identification or rating plate or date stamp.
- (3) In accordance with the schedule in the permit, an owners or operators of a units shall determine compliance with the emission limit specified in Table 1 using a District approved test protocol. The test protocol shall be submitted to the District at least 90 days prior to the scheduled test and approved by the District Source Testing Division.
- (4) Notwithstanding the requirements of paragraph (c)(1), units with combustion system modifications or combustion system replacements completed prior to December 5, 2008 and after January 1, 2000 that resulted in replacement of more than 75% of the rated heat input capacity shall comply with the applicable emission limit specified in Table 1 of paragraph (c)(1) ten years from the date the modification was performed.
- (5) The date a combustion system modification or combustion system replacement, as specified in paragraphs (c)(1) and (c)(4), is performed; shall be determined according to paragraph (c)(2).
- (6) NOx emissions of less than one pound per day shall be demonstrated by compliance with one of the following requirements:
 - (A) A rated heat input capacity of less than 325,000 Btu per hour;
 - (B) A permit condition that limits NOx emissions to less than 1 pound per day;
 - (C) Monthly recordkeeping of unit use documenting average emissions of less than one pound per day calculated based on a unit-specific non-resettable time meter or a non-resettable unit fuel meter with fuel use corrected to standard temperature and pressure. Owners or operators of units with installed calibrated non-resettable totalizing time or fuel meters may elect to comply with the requirements of (c)(6) by demonstrating each calendar month that monthly NOx emissions are less than 22 pounds

or less. Monthly emissions with a time meter shall be calculated using the unit's maximum hourly emission rate in pounds multiplied by the hours of operation each calendar month. The maximum hourly emission rate shall be equal to the rated heat input capacity of the unit multiplied by the unit's emissions at the rated heat input capacity in pound per million Btu. Monthly emissions calculated with a fuel meter shall be equal to the unit's emission rate per unit of fuel multiplied by the amount of fuel, corrected to standard temperature and pressure, used that calendar month.

(D) Daily recordkeeping of unit operation and the following specified rated heat input capacities operating less than or equal to the specified number of hours per day in Table 3:

Table 3 - Small and Low Use Unit Daily Operating Limits

Unit Rating (Btu/hour)	Daily Hour Limit
325,000 to 400,000	16
400,001 to 500,000	14
500,001 to 800,000	8
800,001 to 1,000,000	6
1,000,001 to 1,200,000	5

(E) Daily recordkeeping of unit operation and the following specified rated heat input capacities operating less than or equal to the specified number of hours per calendar month in Table 4:

Table 4 - Small and Low Use Unit Monthly Operating Limits

Unit Rating (Btu/hour)	Monthly Hour Limit
325,000 to 400,000	352
4 00,001 to 500,000	308
500,001 to 800,000	176
800,001 to 1,000,000	132
1,000,001 to 1,200,000	110

- (F) Unit natural gas use less than or equal to 7,692 cubic feet per day at standard temperature and pressure, documented by daily recordkeeping of gas consumption with a non-resettable fuel meter; or
- (G) Daily recordkeeping of unit operation using process specific parameters that demonstrate the unit does not emit one pound per day or more of

NOx emissions, does not exceed the daily and weekly hours of operation submitted for the District permit application, and complies with all unit permit conditions.

Owners or operators of units complying under this paragraph that fail to continuously demonstrate compliance with the applicable heat input rating, permit condition, or daily or monthly requirements of this paragraph shall comply with the applicable emission limit in Table 1 by the applicable compliance date in Table 2 or within 210 days from the date the unit first fails to continuously comply with heat input rating, permit condition, or the daily or monthly limit requirement whichever is later. A unit that must demonstrate compliance with an emission limit for failure to demonstrate emissions less than one pound per day pursuant to this provision shall comply with the applicable emission limit for the life of the unit.

- (7) On or after January 1, 2010, any person owning or operating a unit subject to this rule shall perform combustion system maintenance in accordance with the manufacturer's schedule and specifications as identified in the manual and other written materials supplied by the manufacturer or distributor. The owner or operator shall maintain on site at the facility where the unit is being operated a copy of the manufacturer's, distributor's, installer's or maintenance company's written maintenance schedule and instructions and retain a record of the maintenance activity for a period of not less than three years. The owner or operator shall maintain on site at the facility where the unit is being operated a copy of the District certification or District approved source test reports, conducted by an independent third party, demonstrating the specific unit complies with the emission limit. The source test report(s) must identify that the source test was conducted pursuant to a District approved protocol. The model and serial numbers of the specified unit shall clearly be indicated on the source test report(s). The owner or operator shall maintain on the unit in an accessible location a permanent rating plate. The maintenance instructions, maintenance records and the source test report(s) or District certification shall be made available to the Executive Officer upon request.
- (10) An owner or operator of a Unit shall perform combustion system maintenance pursuant to subdivision (1) and maintain records pursuant to subdivision (j).

- (8) Any person ownering or operatoring of a unit subject to this rule complying with Table 1 using pounds per million BTU, shall:
 - (A) iInstall and maintain in service non-resettable, totalizing, fuel meters for each unit's fuel(s) prior to the compliance determination specified in paragraph (c)(3).; and
 - (B) Owners or operators of a unit with a combustion system that operates at only one firing rate that comply with an emission limit using pounds per million BTU shall install a non-resettable, totalizing, time or fuel meter for each fuel.
- (9) Meters that require electric power to operate shall be provided a permanent supply of electric power that cannot be unplugged, switched off, or reset except by the main power supply circuit for the building and associated equipment or the unit's safety shut off switch. Any person operating a unit subject to this rule shall not shut off electric power to a unit meter unless the unit is not operating and is shut down for maintenance or safety.
- (10) On or before the compliance date, the owner or operator of a unit shall demonstrate compliance with the applicable emission limit in Table 1 pursuant to the provisions of subdivisions (d) or (e).
- (11) Compliance by Certification
 - For <u>a uU</u>nits that does not allow adjustment of the fuel and combustion air for the combustion system—by the owner or operator, and upon approval by the Executive Officer at the time of permit issuance, an owner or operator may demonstrate compliance with the emission limit of subdivision (d) and demonstration requirement of this subdivision (h) by: certification granted to the manufacturer for any model of equipment sold for use in the District. Any unit certified pursuant to subdivision (e) shall be deemed in compliance with the emission limit in Table 1 and demonstration requirement of this subdivision, unless a District source test shows non-compliance.
 - (A) Certification granted to the manufacturer pursuant to subdivision (k) for any model of equipment sold for use in the South Coast AQMD; and
 - (B) Any Unit certified pursuant to subdivision (k) shall be deemed in compliance with the applicable emission limit in Table 1 or Table 2 and demonstration requirement of this-subdivision (h), unless a South Coast AQMD approved source test shows non-compliance.

(12) Identification of Units

(A) New Manufactured Units

The manufacturer shall display the model number and the rated heat input capacity of the unit complying with subdivision (c) on a permanent rating plate. The manufacturer shall also display the District certification status on the unit when applicable.

(B) Modified Units

The owner or operator of a unit with a modified combustion system (new or modified burners) shall display the new rated heat input capacity on a new permanent supplemental rating plate installed in an accessible location on the unit or burner. The gross heat input shall be based on the maximum fuel input corrected for fuel heat content, temperature and pressure. Gross heat input shall be demonstrated by a calculation based on fuel consumption recorded by an in-line fuel meter by the manufacturer or installer.

the unit's rated heat input capacity for as long as the unit is retained on-site. The rated heat input capacity shall be identified by a manufacturer's or distributor's manual or invoice and a permanent rating plate attached to the unit. If a unit is modified, the rated heat input capacity shall be calculated pursuant to subparagraph (c)(12)(B). The documentation of rated heat input capacity for modified units shall include the name of the company and person modifying the unit, a description of all modifications, the dates the unit was modified units shall be signed by the highest ranking person modifying the unit.

(14) Alternate Compliance Plans

(A) Owners or operators of facilities with three or more in use units required to demonstrate compliance with the emission limit within two consecutive calendar years may submit an alternate compliance plan to phase in compliance of all units. The compliance plan shall be submitted at least 270 days prior to the date the first unit is required to demonstrate compliance. The alternate compliance plan shall identify the units included in the plan and a schedule identifying when each unit will comply with the emission limit and the compliance determination for

each unit will be completed. At least one unit shall demonstrate compliance with the applicable emission limit of this rule by the first compliance date for any unit included in the plan. Each year thereafter, a minimum of 20 percent of additional units and no less than one unit shall demonstrate compliance with the applicable emission limit. All units with NOx emissions greater than or equal to 1 pound per day identified in Table 2 of paragraph (c)(1) must demonstrate compliance with the applicable emission limit of this rule before January 1, 2015.

- (15) Any unit with NOx emissions less than one pound per day that becomes 35 years old on or before July 1, 2018 shall demonstrate compliance with the applicable emission limit specified in paragraph (c)(1) on or before July 1, 2020.
- (16) Notwithstanding the requirements of paragraphs (c)(1) and (c)(10), an owner or operator of any in-use unit 35 years of age or older may continue operating that unit provided
 - (A) NOx emissions are less than 1 pound per day as demonstrated through a biennial emissions test conducted pursuant to paragraphs (d)(1) through (d)(10) and recordkeeping with a calibrated non-resettable fuel or time meter as specified in the unit's SCAQMD Permit to Operate; and
 - (B) The biennial emissions test is conducted no later than 180 days before the in-use unit becomes 35 years of age for the first demonstration and no later than 18 months after completion of the previous biennial emissions test for any subsequent demonstrations.
- (17) An owner or operator of a unit that fails to continuously demonstrate emissions less than one pound per day pursuant to paragraph (c)(16) shall demonstrate compliance with the applicable NOx emission limit in Table 1 through compliance with the requirements of paragraphs (d)(1) through (d)(10) no later than 1 year from the date the owner or operator fails to demonstrate unit emissions are less than one pound per day.

(e) Compliance Schedule

- (1) An owner or operator of a Unit that is required to meet the NOx and CO emission limits in Table 2 pursuant to paragraph (d)(2) shall:
 - (A) Submit a permit application for each Unit to limit the NOx and CO emissions to a level not to exceed the emission limits in Table 2:

- (i) On or before July 1, 2023 for any Unit where the burner age is 12 years or older, as determined pursuant to subdivision (f), as of January 1, 2023; or
- (ii) On or before July 1 of the year when a Unit's burner age reaches

 12 years, as determined pursuant to subdivision (f), by January 1

 of that calendar year; and
- (B) Not operate a Unit that exceeds the NOx and CO emission limits in Table 2 no later than:
 - (i) 12 months after a permit is issued; or
 - (ii) The expiration date of the permit, if any extension of time has been approved in writing pursuant to Rule 205.
- (2) An owner or operator of a Unit that meets the emission limits in Table 1 and is required to meet the NOx and CO emission limits in Table 2 pursuant to paragraph (d)(3) shall:
 - (A) Submit a permit application for each Unit to limit the NOx and CO emissions to a level not to exceed the emission limits in Table 2:
 - (i) On or before July 1, 2023 for any Unit where the burner age is 32 years or older, as determined pursuant to subdivision (f), as of January 1, 2023; or
 - (ii) On or before July 1 of the year when a Unit's burner age reaches 32 years, as determined pursuant to subdivision (f), by January 1 of that calendar year; and
 - (B) Not operate the Unit that exceeds the NOx and CO emission limits in Table 2, no later than:
 - (i) 12 months after a permit is issued; or
 - (ii) The expiration date of the permit, if any extension of time has been approved in writing pursuant to Rule 205.
- (3) In lieu of meeting the schedule requirements in paragraphs (e)(1) and (e)(2), an owner or operator of a Unit identified in Table 3 may elect to comply with the NOx and CO emission limits specified in Table 2 pursuant to the compliance schedule in Table 3.

<u>Table 3 – Alternative Compliance Schedule</u>

Equipment Category(ies)	Permit Application	Compliance
	Submittal Deadline	<u>Deadline</u>
Specific Unit		
Remediation Unit manufactured and installed prior to March 1, 2012 with an active South Coast AQMD permit	At least 210 days prior to a Combustion System Modification, Combustion System Replacement or Unit Replacement or a Relocation	Upon Combustion System Modification, Combustion System Replacement or Unit Replacement or a Relocation
Evaporator, heated process tank, or parts washer operating prior to January 1, 2014 with an active South Coast AQMD permit	At least 210 days prior to a Combustion System Modification, Combustion System Replacement or Unit Replacement	Upon Combustion System Modification, Combustion System Replacement or Unit Replacement

- (4) An owner or operator that elects to Decommission a Unit, in lieu of meeting the requirements of paragraphs (d)(1) through (d)(6), shall Decommission the Unit no later than 30 months after the applicable permit application submittal date pursuant to subdivision (e) and, by that date, inactivate the Unit's applicable South Coast AQMD permit.
- (5) Implementation Schedule for Facilities with Five or More Units

 An owner or operator of a facility with five or more Units subject to the same compliance date pursuant to paragraphs (d)(2) or (d)(3) electing to comply with the multiple Unit implementation schedule pursuant to Table 4, in lieu of the schedule in clause (e)(1)(A)(i) or (e)(2)(A)(i), shall:
 - (A) Submit permit application(s) by the permit application submittal deadline specified in Table 4 to comply with the applicable NOx and CO emission limits in Table 2 or Decommission the Unit pursuant to paragraph (d)(4); where;
 - (i) The total Rated Heat Input Capacity is calculated as the sum of the Rated Heat Input Capacity of all Units at a facility that are subject to paragraph (e)(1) or (e)(2) as of July 1, 2023; and

- (ii) The minimum percentages listed in Table 4 are calculated using the Rated Heat Input Capacity of the Units for which a permit application is submitted divided by the total Rated Heat Input Capacity calculated pursuant to clause (e)(5)(A)(i) rounded up to the nearest whole number; and
- (B) Demonstrate compliance with the NOx and CO emission limits in Table-2, for each applicable Unit, by a source test pursuant to subdivision (h), no later than:
 - (i) 12 months after a permit is issued; or
 - (ii) The expiration date of the permit, if any extension of time has been approved in writing pursuant to Rule 205.

<u>Table 4 – Multiple Unit Implementation Schedule</u>

Permit Application	5 to 9 Units	10 to 19 Units	20+ Units
Submittal Deadline	(Minimum % of	(Minimum % of	(Minimum % of
<u>Sasimuai Boaamie</u>	Total Heat Input)	Total Heat Input)	Total Heat Input)
<u>July 1, 2023</u>	<u>50%</u>	Not Applicable	Not Applicable
July 1, 2024	<u>100%</u>	<u>50%</u>	<u>33%</u>
July 1, 2025		Not Applicable	Not Applicable
July 1, 2026	Not Applicable	<u>100%</u>	<u>67%</u>
<u>July 1, 2027</u>		NI-4 Alih.l.	Not Applicable
July 1, 2028		Not Applicable	<u>100%</u>

- (6) An owner or operator of a Unit that fails to meet the requirements of paragraphs (d)(2) through (d)(8) shall not operate a Unit unless the Unit meets the applicable emission limits in Table 2 by the following dates, whichever is sooner:
 - (A) 12 months after a permit is issued or the expiration date of the permit, if any extension of time has been approved in writing pursuant to Rule 205; or
 - (B) No later than 30 months following the permit application submittal date in the implementation schedule of paragraphs (e)(1), (e)(2), (e)(3) or (e)(5).
- (f) Burner Age

- (1) Burner age for a Unit equipped with burners of varying ages shall be based on the oldest burner age.
- (2) Burner age shall be based on the original date of installation determined by:
 - (A) Invoice from burner manufacturer for purchase of burner equipment;
 - (B) <u>Information submitted to the South Coast AQMD with applications for permit prior to [Date of Adoption] for the specific burner;</u>
 - (C) Original Unit manufacturer's identification or rating plate permanently affixed to the Unit; or
 - (D) Any other method of determining burner age that can be substantiated through sufficient written information as approved by the Executive Officer.
- (3) The burner shall be deemed to be 32 years old as of January 1, 2023 for any Unit where the burner age cannot be determined pursuant to paragraph (f)(2).
- (g) <u>Demonstration of Less than One Pound of NOx per Day Averaged Over a Calendar</u>
 Month
 - (1) Effective upon [six months after Date of Adoption], an owner or operator of a Unit electing to comply with paragraph (d)(7) by demonstrating that NOx emissions are less than one pound per day averaged over a calendar month shall:
 - (A) Install and maintain in service a non-resettable totalizing time meter on the Unit and operate the Unit no more than the specified time per calendar month in Table 5 or as calculated using Equation 1; or

Monthly Operating Hours = $D \div [R \times (EF \div HHV)]$ (Eq. 1) Where,

D = Number of Days in Calendar Month

R = Rated Heat Input (MMBtu/hr)

EF = Emission Factor for the Unit (lbs NOx/MMScf natural gas)

<u>HHV = Higher Heating Value of Natural Gas (1,050 MMBtu/MMScf)</u>

Table 5 – Less than One Pound per Day Daily Operating Limits

Unit Rated Heat Input (Btu/hr)	Monthly Operating
Ont Rated Heat Input (Bea/III)	<u>Limit (Hours)</u>

< 1,000,000	<u>240</u>
\geq 1,000,000 to $<$ 1,500,000	<u>160</u>
\geq 1,500,000 to \leq 2,000,000	<u>120</u>

(B) Install and maintain in service a non-resettable totalizing fuel meter corrected to standard conditions on the Unit and consume no more than the Therms of fuel per month calculated using Equation 2.

Monthly Therms of Fuel = $(D \div EF) \times HHV \times 10$ (Eq. 2) Where,

D = Number of Days in Calendar Month

<u>EF = Emission Factor for the Unit (lbs NOx/MMScf natural gas)</u>

HHV = Higher Heating Value of Natural Gas (1,050 MMBtu/MMScf)

10 = Conversion to from MMBtu to Therms

(dh) Compliance Determination Monitoring and Source Testing

- (1) All compliance determinations pursuant to paragraph (ed)(61), (d)(2), (d)(3), or (d)(4), or South Coast AQMD permit emission limits shall be calculated:
 - (A) Using a <u>District South Coast AQMD</u> approved source test protocol averaged over a period of at least 15 minutes of combustion system operation and no more than 60 consecutive minutes, or alternative time period approved by the Executive Officer;
 - (B) After <u>uUnit sStart-up</u>; and
 - (C) In the <u>uUnit's as-found operating condition firing rate under normal operating conditions.</u>
- (2) For each unit, a compliance determination shall be made in the maximum heat input range at which the <u>uU</u>nit normally operates.
- (3) An additional compliance determination shall be made for any of the following types of unitsUnit(s): -Make-Up Air Heater, other Air Heater located outside of process building, Oven, Dehydrator, Dryer, Tenter-Frame Dryer, Fabric Dryer, Carpet Dryer, Heater, Cooker, Roaster, non-metallurgical Furnace, or Heated Storage Tank. -The additional compliance determination for the specified unit(s) in this paragraph shall be made:

- (A) Using a heat input of less than 35% of the rated heat input capacity; or
- (B) For at least 30 consecutive minutes after <u>uUnit sStart-up</u> using the <u>lowest Minimum oO</u>perating <u>tTemperature</u> that may be used during normal operation of the <u>uUnit</u>.
- (4) An owner or operator of a Unit shall submit a source test protocol to the Executive Officer for approval no later than 90 days prior to the scheduled source test and conduct the source test within the 90-day period, or within 30-days following the source test protocol approval, whichever is later.
- (45) For compliance determinations after the initial approved test <u>pursuant to paragraph (h)(4)</u>, the operator is not required to resubmit a protocol for approval if: there is a previously approved protocol and the <u>uUnit has not been altered modified</u> in a manner that requires a permit <u>alteration modification</u>; and rule or permit emission limits have not become more stringent since the previous test.
- (5) All parts per million emission limits specified in subdivision (c) are referenced at 3 percent volume stack gas oxygen on a dry basis.
- (6) Compliance with the NO_X emission limits of subdivision (ed) and determination of stack-gas oxygen and carbon dioxide concentrations for this rule shall be determined according to the following procedures:
 - (A) <u>District South Coast AQMD</u> Source Test Method 100.1 Instrumental Analyzer Procedures for Continuous Gaseous Emission Sampling (March 1989); or
 - (B) ASTM Method D6522-00 Standard Test Method for Determination of Nitrogen Oxides, Carbon Monoxide, and Oxygen Concentrations in Emissions from Natural Gas-Fired Reciprocating Engines, Combustion Turbines, Boilers, and Process Heaters Using Portable Analyzers; or
 - (C) United States Environmental Protection Agency Conditional Test
 Method CTM-030 Determination of Nitrogen Oxides, Carbon
 Monoxide, and Oxygen Emissions from Natural Gas-Fired Engines,
 Boilers and Process Heaters Using Portable Analyzers; or
 - (D) District Source Test Method 7.1 Determination of Nitrogen Oxide Emissions from Stationary Sources (March 1989); and
 - (<u>EB</u> <u>District</u>—<u>South Coast AQMD</u> Source Test Method 10.1 Carbon Monoxide and Carbon Dioxide by Gas Chromatograph/Non-Dispersive

Infrared Detector (GC/NDIR) – Oxygen by Gas Chromatograph-Thermal Conductivity (GC/TCD) (March 1989); or

- (FC Any alternative test method determined approved before the test in writing by the Executive Officers of the DistrictSouth Coast AQMD, the California Air Resources Board and the United States Environmental Protection Agency.
- (7) For any operator who chooses to comply using pound per million Btu, NO_X emissions in pounds per million Btu of heat input shall be calculated using procedures in 40 CFR Part 60, Appendix A, Method 19, Sections 2 and 3.
- (8) Records of source tests shall be maintained for ten-<u>five</u> years and made available to <u>District-South Coast AQMD</u> personnel upon request.- Emissions determined to exceed any limits established by this rule through the use of any of the test methods specified in subparagraphs (<u>dh</u>)(<u>36</u>)(A) through (<u>dh</u>)(<u>36</u>)(<u>FC</u>) shall constitute a violation of this rule.
- (9) All compliance determinations shall be made using an independent contractor to conduct testing, which is approved by the Executive Officer under the Laboratory Approval Program for the applicable test methods.
- (10) For equipment with two or more <u>uUnits</u> in series or multiple <u>uUnits</u> with a common exhaust, the owner or operator may demonstrate compliance with the emission limits in Table 1 and Table 2 by one of the following:
 - (A) Test each <u>uUnit</u> separately and demonstrate each <u>uUnit</u>'s compliance with the applicable limit, or
 - (B) Test only after the last <u>uUnit</u> in the series and at the end of a common exhaust for multiple <u>uUnits</u>, when all <u>uUnits</u> are operating, and demonstrate that the series of <u>uUnits</u> either meet:
 - (i) The lowest emission limit in Table 1 applicable to any of the uUnits in series, or
 - (ii) A heat input weighted average of all the applicable emission limits in Tables 1 or 2 in Table 1 using the following calculation.

Weighted Limit =
$$\frac{\Sigma [(EL_X)*(Q_X)]}{\Sigma [Q_X]}$$

Where:

 EL_X = emission limit for $\underline{\mathbf{u}}$ Unit X

 $Q_X = \text{total heat input for } \underline{\mathbf{u}}\underline{\mathbf{U}}$ nit X during test

- (11) An owner or operator of any <u>uUnit</u> with a <u>UnitRated</u> Heat Input <u>RatingCapacity</u> of 2 million Btu per hour or less may elect to demonstrate compliance with the applicable emission limit through a burner manufacturer's emission certification in lieu of a compliance demonstration pursuant to <u>subparagraphs</u> (de)(<u>11</u>), (e)(<u>2</u>) through (d)(<u>10</u>) or subdivision (ek) of this rule provided the following information required in <u>subparagraphs</u> (d)(<u>11</u>)(A) through (d)(<u>11</u>)(C) is provided when a permit application is submitted for a <u>unit</u>:
 - (A) The manufacturer or manufacturer authorized distributor of the burner(s) submits emission certifications that are signed by the burner manufacturer's responsible official pursuant to subparagraph (bc)(2029)(A) of this rule, that guarantees the burner(s), fuel and combustion air system, and combustion control system identified in the application for the District-South Coast AQMD Ppermit that complies with the applicable NOx emission limit in Table 1 or Table 2 of paragraph (c)(1) when used for specified processes, operating conditions, and within specified temperature ranges. The signed emission certifications shall be submitted separately, and addressed to the:
 - (B) The manufacturer or manufacturer authorized distributor of the burner(s) separately submits the signed emissions certifications, addressing them to the:
 - (i) Oowner or operator of the <u>uUnit</u>; and
 - (ii) Executive Officer or designee.
 - (BC The burner manufacturer, manufacturer authorized distributor submits to the Executive Officer or designee, supporting documentation including emission test reports of at least five District—South Coast AQMD approved emission tests using District—South Coast AQMD approved test protocol and methods of five different uUnits using—operating the same burner, fuel and combustion air system, and combustion control system that demonstrate compliance with the applicable emission limit for the same type of process operating in the same temperature range as the unit in the permit application. The five emission test results submitted for the

manufacturer's emission certification must have been approved by the District prior to submittal of an application for permit.:

- (i) Process;
- (ii) Burner;
- (iii) Fuel and combustion air system;
- (iv) Combustion control system; and
- (v) Temperature range.
- (D) The emission test results specified in subparagraph (h)(11)(C) shall be approved by the South Coast AQMD prior to submittal of an application for permit.
- (<u>GE</u> A contract or purchase order, signed by the responsible official of the <u>uUnit</u>'s owner or operator pursuant to paragraph (<u>bc</u>)(<u>2029</u>), for purchase of the burner(s), fuel and combustion air system, and combustion control system to be installed in the <u>uUnit</u> as identified in the permit application and the signed letter or bid from the burner manufacturer to the owner or operator of the <u>uUnit</u> as specified in subparagraph (<u>dh</u>)(11)(A) of this rule.
- (ĐE The owner or operator of any <u>uU</u>nit where the requirements specified in subparagraphs (<u>dh</u>)(11)(A) through (<u>dh</u>)(11)(<u>CE</u>) are not met or submits any manufacturer's emission certification, contract, or purchase order that is not identical to the combustion system specified in the application for the <u>uU</u>nit's permit and installed in the <u>uU</u>nit, shall demonstrate <u>uU</u>nit compliance: <u>with the applicable emission limit in Table 1 through emission testing pursuant to the requirements of paragraphs (d)(1) through (d)(10) of this rule.</u>
 - (i) With the applicable emission limit in Table 1 or Table 2 through emission testing pursuant to the requirements of subdivision (e);
 - (ii) The owner or operator specified above shall demonstrate unit compliance—<u>T</u>through emission testing within <u>12 months</u> following issuance of a permit <u>210 calendar days from the date a permit is approved by the District; and. A unit that must demonstrate compliance with an emission limit of this paragraph</u>

and shall comply with the applicable emission limit for the life of the unit.

- (iii) For the life of the Unit.
- (EG The owner or operator of any uUnit that fails to operate the uUnit as specified in the manufacturer's emission certification in subparagraphs (dh)(11)(A) through (dh)(11)(EE), including specified processes, operating conditions, and temperatures, shall demonstrate compliance with the applicable emission limit in Table 1 or Table 2 through emission testing pursuant to the requirements of paragraphs (dh)(1) through (dh)(10) of this rule.
- (12) An owner or operator of a Unit subject to this rule with emissions of greater than or equal to one pound of NOx per day as determined by subdivision (g) shall conduct source tests pursuant to paragraphs (h)(1) through (h)(10), —to demonstrate compliance with the applicable NOx and CO emission limit requirements in Table 1, Table 2, or South Coast AQMD permit emission limits:
 - (A) For a Unit with a Rated Heat Input Capacity lower than 10 million Btu per hour, conduct source testing every five calendar years, but no earlier than 48 calendar months after the previous source test;
 - (B) For a Unit with a Rated Heat Input Capacity greater than or equal to 10 million Btu per hour and less than 40 million Btu per hour, conduct source testing every three calendar years, but no earlier than 24 calendar months after the previous source test; or
 - (C) For a Unit with a Rated Heat Input Capacity greater than or equal to 40 million Btu per hour:
 - (i) Conduct source testing every calendar year, but no earlier than six calendar months after the previous source test; or
 - (ii) If the Unit has not operated for at least six consecutive calendar months, conduct a source test no later than 90 days after the date of resumed operation and maintain monthly fuel usage using a non-resettable fuel meter to demonstrate that the Unit has not been operated for at least six consecutive calendar months.
- (13) An owner or operator of an In-Use Unit shall:
 - (A) Conduct an initial source test no later than 24 months after [Date of Adoption] or, for a Unit located at a RECLAIM Facility, no later than 24

- months after the facility becomes a Former RECLAIM Facility, whichever is later, and establish the date of this source test as the basis for subsequent source testing frequency; or
- (B) Use the results of a South Coast AQMD-approved source test with South Coast AQMD approved source test protocol conducted between the applicable frequency required in paragraph (h)(12) and [Date of Adoption] and establish the date of this source test as the basis for subsequent source testing frequency. The source test and protocol must still be representative of the current operation of the equipment, or a new source test protocol will be required to be submitted pursuant to (h)(1).
- (14) Provided the emissions test set forth in this paragraph is conducted within the same schedule as the compliance determination required in paragraph (h)(12), an owner or operator of a Unit may use the following emissions test to comply with paragraph (h)(12):
 - (A) Periodic monitoring or testing of a Unit as required in a Title V permit pursuant to Regulation XXX, or
 - (B) Relative accuracy testing for continuous emissions monitoring verification pursuant to Rule 218.2 and Rule 218.3.
- (15) An owner or operator of an existing Tunnel Kiln with continuous in-stack emissions monitor or equivalent verification system located at a former RECLAIM facility prior to [Date of Adoption] shall:
 - (A) Operate the CEMS and comply with the requirements specified in Rules 218.2 and 218.3;
 - (B) Demonstrate compliance with the NOx emission limits specified in paragraph (d)(2) or (d)(3) based on a 24-hour rolling average corrected to 3% oxygen, on a dry basis at standard conditions; and
 - (C) Averaging time pursuant to (h)(15)(B) shall exclude all periods during startup and shutdown pursuant to Rule 429 and all periods that the Unit is not operating.
- (16) An owner or operator of a Unit subject to this rule complying with Table 1 or Table 2 using pounds per million BTU, shall:

- (A) Install and maintain in service non-resettable, totalizing, fuel meters for each Unit's fuel(s) prior to the compliance determination specified in subdivision (d); and
- (B) Owners or operators of a Unit with a combustion system that operates at only one firing rate that comply with a emission limit using pounds per million BTU shall install a non-resettable, totalizing, time or fuel meter for each fuel.
- (17) An owner or operator of a Unit required to install a meter pursuant to paragraph (h)(16) shall:
 - (A) Provide a permanent supply of electric power that cannot be unplugged, switched off, or reset except by the main power supply circuit for the building and associated equipment or the Unit's safety shut-off switch; and
 - (B) Maintain electric power to a Unit meter unless the Unit is not operating and is shutdown for maintenance, safety, recalibration or meter repair.

(i) <u>Labeling Requirements</u>

- (1) An owner or operator of a Unit shall display and maintain the model number and Rated Heat Input Capacity of the Unit burner on a permanent rating plate.
- (2) The owner or operator of a Unit that is modified shall:
 - (A) Display the new Rated Heat Input Capacity on a new permanent supplemental rating plate installed in an accessible location on the Unit or burner; and
 - (B) Determine the date of Unit Modification pursuant to the burner age determination requirements of subdivision (f).

(i) Reporting, and Recordkeeping

- An owner or operator shall maintain for at least five years and make available to the Executive Officer upon request, source test reports, maintenance records, and, if applicable, monthly records demonstrating compliance with the less than one pound NOx per day demonstration requirements of subdivision (g).
- (2) An owner or operator of a Unit shall maintain records identifying the Rated Heat Input for any Unit subject to this rule and make such records available to the Executive Officer upon request.

- (3) An owner or operator of a Unit that is modified and subject to this rule shall maintain records to include the name of the company and person modifying the Unit, a description of all modifications, the date(s) the Unit was modified, and a calculation of the Rated Heat Input and make such records available to the Executive Officer upon request.
- (4) An owner or operator of a Unit equipped with a CEMS shall maintain records in compliance with any applicable South Coast AQMD Rule for CEMS certification, operation, monitoring, reporting, and notification or any applicable permit condition, for at least five years and make records available to the Executive Officer upon request.
- (5) RECLAIM facilities must continue to comply with reporting requirements pursuant to Regulation XX until such time as the facility becomes a Former RECLAIM facility.
- (6) An owner or operator of a Unit shall maintain, for at least five years and make available to the Executive Officer upon request, a copy of the manufacturer's, distributor's, installer's or maintenance company's written maintenance schedule and instructions.

(ek) Certification

(1) Unit Certification

For <u>a #U</u>nits that does not allow adjustment of the fuel and combustion air for the combustion system by the owner or operator, any manufacturer or distributor that distributes for sale or sells <u>a #U</u>nits or burner systems for use in the <u>District South Coast AQMD</u> may elect to <u>apply to the Executive Officer to certify</u> such <u>#U</u>nits or burner systems as compliant with subdivision (<u>ed</u>) <u>by submitting the following to the Executive Officer:-</u>

- (A) A statement that the model is in compliance with subdivision (d). The statement shall be signed and dated by the manufacturer's responsible official and shall attest to the accuracy of all statements;
- (B) General Information
 - (i) Name and address of manufacturer,
 - (ii) Brand name, if applicable,
 - (iii) Model number, as it appears on the Unit rating plate; and

- (iv) Rated Heat Input Capacity, gross output of burner(s) and number of burners;
- (C) A description of each model being certified; and
- (D) A South Coast AQMD approved source test report pursuant to subdivision (h) conducted within 90 days of certification submittal and within 120 days of proposed sale or installation, whichever is sooner.
- (2) Manufacturer Confirmation of Emissions

Any manufacturer's application to the Executive Officer to certify a model of equipment as compliant with the emission limit and demonstration requirement of subdivision (c) shall obtain confirmation from an independent contractor that is approved by the Executive Officer under the Laboratory Approval Program for the necessary test methods prior to applying for certification that each unit model complies with the applicable requirements of subdivision (c). This confirmation shall be based upon District approved emission tests of standard model units and a District approved protocol shall be adhered to during the confirmation testing of all units subject to this rule. Emission testing shall comply with the requirements of paragraphs (d)(1) through (d)(5) except emission determinations shall be made at 100% rated heat input capacity and an additional emission determination shall be made using a heat input of less than 35% of the rated heat input capacity for any Afterburner, Degassing Unit, Remediation Unit, Thermal Oxidizer, Catalytic Oxidizer, Vapor Incinerator, Make-Up Air Heater, other Air Heater located outside of process building, Oven, Dehydrator, Dryer, Tenter-Frame Dryer, Fabric Dryer, Carpet Dryer, Heater, Kiln, Crematory, Incinerator, Calciner, Cooker, Roaster, nonmetallurgical Furnace, or Heated Storage Tank.

- When applying for unit(s) certification, the manufacturer shall submit to the Executive Officer the following:
 - (A) A statement that the model is in compliance with subdivision (c). The statement shall be signed and dated by the manufacturer's responsible official and shall attest to the accuracy of all statements;
 - (B) General Information
 - (i) Name and address of manufacturer,
 - (ii) Brand name, if applicable,

- (iii) Model number, as it appears on the unit rating plate; and
- (iv) Rated Heat Input Capacity, gross output of burner(s) and number of burners;
- (C) A description of each model being certified; and
- (D) A source test report verifying compliance with the applicable emission limit in subdivision (c) for each model to be certified. The source test report shall be prepared by the confirming independent contractor and shall contain all of the elements identified in the District approved Protocol for each unit tested. The source test shall have been conducted no more than ninety (90) days prior to the date of submittal to the Executive Officer.
- (4) When applying for unit certification, the manufacturer shall submit the information identified in paragraph (e)(3) no more than ninety (90) days after the date of the source test identified in subparagraph (e)(3)(D) and at least 120 days prior to the date of the proposed sale and installation of any District certified unit.
- ($\underline{52}$) The Executive Officer shall certify a unit model which complies with the provisions of subdivision (ed) and of paragraphs (k)(1)(e)(2), (e)(3), and (e)(4).
- (63) Certification status shall be valid for five years from the date of approval by the Executive Officer. -After the fifth year, recertification shall be required by the Executive Officer according to the requirements of paragraphs ($e\underline{k}$)($2\underline{1}$), (e)(3), and (e)(4).

(1) Maintenance

- (1) An owner or operator of a Unit subject to subdivision (d) shall perform combustion system maintenance in accordance with the manufacturer's schedule and specifications as identified in the manual and other written materials supplied by the manufacturer or distributor.
- (2) An owner or operator shall maintain maintenance records pursuant to subdivision (j).

(f) Enforcement

(1) The Executive Officer may inspect certification records and unit installation, operation, maintenance, repair, combustion system modification, combustion system repair, combustion system replacement, unit replacement, relocation and

test records of owners, operators, manufacturers, distributors, retailers, and installers of units located in the District, and conduct such tests as are deemed necessary to ensure compliance with this rule. Tests shall include emission determinations, as specified in paragraph (d)(1) to (d)(10), of a random sample of any category of units subject to this rule.

(2) An emission determination specified under paragraph (f)(1) that finds NOx emissions in excess of those allowed by this rule or permit conditions shall constitute a violation of this rule.

(gm) Exemptions

- (1) The provisions of this rule shall not apply to <u>a unitsUnit</u>; with heat input rating below 325,000 Btu/hr.
 - (A) subject to the nitrogen oxide limits of other District South Coast AQMD Regulation XI rules; or
 - (B) located at RECLAIM facilities.
- (2) The provisions of this rule shall not apply to charbroilers or food ovens.
- (3) The provisions of this rule shall not apply to:
 - (A) Flares subject to District Rule 1118 or Rule 1118.1;
 - (B) Flares, afterburners, degassing <u>uU</u>nits, thermal or catalytic oxidizers or vapor incinerators in which a fuel, including but not limited to natural gas, propane, butane or liquefied petroleum gas, is used only to maintain a pilot for vapor ignition or is used for five minutes or less to bring a <u>uU</u>nit up to <u>Minimum</u> <u>oOperating <u>tTemperature</u>;</u>
 - (C) Municipal solid waste incinerators with a <u>District-South Coast AQMD</u> permit operating before December 5, 2008;
 - (D) An afterburner or vapor incinerator with a District-South Coast AQMD permit operating before December 5, 2008 that has an integrated thermal fluid heat exchanger that captures heat from the afterburner or vapor incinerator and an oven or furnace exhaust in order to reduce fuel consumption by an oven or the afterburner or vapor incinerator; or
 - (E) A flare, afterburner, degassing <u>U</u>unit, <u>rR</u>emediation <u>uU</u>nit, thermal oxidizer, catalytic oxidizer or vapor incinerator process in which particulate matter, air toxics, VOCs, landfill gas, digester gas or other combustible vapors are mixed in the <u>U</u>unit's burner with combustion air

or fuel, including but not limited to natural gas, propane, butane or liquefied petroleum gas, prior to or at incineration in the <u>U</u>nit, in order to maintain vapor concentration above the upper explosion limit or above a manufacturer specified limit in order to maintain combustion or temperature in the <u>u</u>Unit. This exemption is subject to the following conditions: This exemption does not apply to a regenerative thermal or eatalytic oxidizer unit with a burner used to heat up or maintain temperature of the unit or a unit that incinerates particulate matter, air toxics, VOCs or other combustible vapors in a gas stream moving past the burner flame.

- (i) This exemption shall not apply to a regenerative thermal or catalytic oxidizer Unit with a burner used to heat up or maintain temperature of the Unit or a Unit that incinerates particulate matter, air toxics, VOCs or other combustible vapors in a gas stream moving past the burner flame; and
- (ii) This exemption shall apply to the combustion process prior to or at incineration in the Unit, in order to maintain vapor concentration above the upper explosion limit or above a manufacturer specified limit in order to maintain combustion or temperature in the Unit.
- (F) Solid fuel-fired combustion equipment.
- (4) Afterburners, degassing units, thermal oxidizers, catalytic oxidizers, vapor incinerators, and spray booth make-up air heaters installed and operating before March 1, 2012 and with emissions less than one pound per day, are exempt from the emission limit in Table 1 until the unit is 35 years old or undergoes a combustion system modification, combustion system replacement, or relocation or the unit is replaced. Afterburners, degassing units, thermal oxidizers, eatalytic oxidizers, vapor incinerators, and spray booth make-up air heaters installed for use at a specific facility after December 5, 2008 and before March 1, 2012 and with emissions of one pound per day or more, shall comply with the emission limit in Table 1 on and after July 1 of the year the unit is 15 years old.
- (45) Remediation <u>U</u>units installed after December 5, 2008 and before March 1, 2012, are exempt from the emission limit in Table 1 and Table 2 until replacement

- with a $\underline{n}\underline{N}$ ew $\underline{u}\underline{U}$ nit, a combustion system modification, combustion system replacement, or relocation on or after January 1, 2012.
- (56) Fryers installed and operating before January 1, 2014 and with emissions less than one pound per day, are exempt from the emission limit in Table 1 until the unit is 35 years old, a combustion system modification, combustion system replacement, relocation, or the unit is replaced. Fryers installed after December 5, 2008 and operating before January 1, 2014 and with emissions of one pound per day or more, are exempt from the emission limit in Table 1 and Table 2 until July 1 of the year the uUnit is 15 years old.
- (67) Remediation <u>uUnits</u> are exempt from the applicable emission limit in Table 1 <u>and Table 2</u> while fueled with propane, butane or liquefied petroleum gas in a location where natural gas is not available.- Remediation <u>uUnits</u> must comply with the emission limit when natural gas is available and while fueled with natural gas.
- (78) The provisions of paragraphs (c)(1) and (c)(3)subdivision (d) of this rule shall not apply to any evaporator, heated process tank, or parts washer with a District South Coast AQMD permit issued and operating prior to January 1, 2014 until a combustion system modification, combustion system replacement, relocation, or the uUnit is replaced.
- (89) The provisions of paragraph (c)(3) subdivision (d)of this rule shall not apply to <u>uUnits</u> heated solely with infrared burners.
- (<u>910</u> On and after (<u>date of adoption</u>) <u>December 5, 2008</u>, the provisions of <u>paragraphs</u>)
 (<u>c</u>)(<u>1</u>) and (<u>c</u>)(<u>3</u>) <u>subdivision</u> (<u>d</u>)of this rule shall not apply to any <u>uUnit</u> that becomes subject to this rule subsequent to a revision of <u>District</u> Rule 219, on or after May 5, 2017, until the <u>uUnit</u> is replaced. a combustion system modification, combustion system replacement, <u>uUnit</u> relocation, <u>or until</u> the applicable compliance date in Table <u>2-3of paragraph</u> (<u>c</u>)(<u>1</u>), or, for units with NOx emissions less than one pound per day, the unit becomes 35 years old.
- (101 The requirement to demonstrate compliance with an emission limit in Table 1
 and Table 2 shall not apply to any <u>Iin-uUse uUnit</u> with <u>NOx</u> emissions less than
- one pound per day NOx pursuant to paragraph (d)(7) in the circumstance where the uUnit is: relocated with the facility to the new facility location and the facility and unit is owned and operated by the same company and owner(s) for 36 calendar months prior to and 36 calendar months after the unit relocation.

This exemption from demonstrating compliance with an emission limit at the time of a unit and facility relocation does not apply if the relocated unit is replaced, undergoes a combustion system modification or combustion system replacement, subject to a compliance date in Table 2 of paragraph (c)(1), or, for units with NOx emissions less than one pound per day and not subject to paragraph (g)(8), the unit becomes 35 years old.

- (A) Relocated to the new facility location; and
- (B) The facility and Unit are owned and operated by the same company and owner(s) for 36 calendar months prior to and 36 calendar months after the Unit Relocation.
- (11) Emission limits of Table 1 and Table 2 shall not apply to owners or operators of Tunnel Kilns subject to paragraph (h)(14) during periods of Startup or Shutdown pursuant to Rule 429.
 - (A) Startup or shutdown period does not exceed 180 minutes;
 - (B) Frequency of startup and shutdown events does not exceed four times during one calendar month; and
 - (C) Records of startup or shutdown period shall be maintained and kept on site for five years and contain the following information:
 - (i) Unit permit or application number;
 - (ii) Date startup or shutdown event occurred; and
 - (iii) Cause for startup or shutdown.
- (12) Heating equipment associated with fuel cells, which produce electricity in an electro-chemical reaction and use phosphoric acid, molten carbonate, proton exchange membrane, or solid oxide technologies,; provided the heating equipment:
 - (A) Does not use a combustion source; or
 - (B) Is fueled exclusively with natural gas, methanol, liquefied petroleum gas, or any combination thereof, including heaters that have a rated maximum heat input capacity of greater than 2,000,000 Btu per hour, provided that the supplemental heat used is 90,000 therms per year or less.
- (13) Requirements of subdivision (d) shall not apply to a burner that is permitted to be fired by a gaseous fuel other than natural gas and/or liquid fuel during normal operations.

(14) Units used in equipment that endothermically decompose solid waste in an environment with little to no oxygen.

(h) Technology Assessment

(1) On or before December 7, 2015, the Executive Officer shall conduct a technology assessment and shall report to the Governing Board on the availability of burner systems and units for processes with NOx emissions of one pound per day or less.

(i) Mitigation Fee Compliance Option

(1) An owner or operator of a unit with emissions of 1 pound per day or more may elect to delay the applicable compliance date in Table 2 of paragraph (c)(1) or (c)(4) three years by submitting an alternate compliance plan and paying an emissions mitigation fee to the District in lieu of meeting the applicable NOx emission limit in Table 1.

(2) Compliance Demonstration

An owner or operator of a unit electing to comply with the mitigation fee compliance option shall:

- (A) Submit an alternate compliance plan and pay the mitigation fee to the Executive Officer at least 150 days prior to the applicable compliance date in Table 2 of paragraph (c)(1) or (c)(4), and
- (B) Maintain on site a copy of verification of mitigation fee payment and District approval of the alternate compliance plan that shall be made available upon request to District staff.

(3) Plan Submittal

The alternate compliance plan submitted pursuant to paragraphs (i)(1) and (i)(2) shall include:

- (A) A completed District Form 400A with company name, District Facility ID, identification that application is for a compliance plan (section 7 of form), and identification that request is for the Rule 1147 mitigation fee compliance option (section 9 of form);
- (B) Attached documentation of unit fuel use for previous 5 years, description of weekly operating schedule, unit permit ID, unit heat rating (Btu/hour), and fee calculation;
- (C) Filing fee payment; and

(D) Mitigation fee payment as calculated by Equation 1.

Equation 1:

$$MF = R X (3 years) X (L_1 - L_0) X (AF) X (k)$$

Where:

MF - Mitigation fee, \$

R = Fee Rate = \$12.50 per pound (\$6.25 per pound for a small business with 10 or fewer employees and gross annual receipts of \$500,000 or less)

L₁ = Default NOx emission factor, 0.136 lbs of NOx/mmBtu for natural gas and LPG, and 0.160 lb/mmBtu for fuel oils

L₀ = Applicable NOx emission limit specified in Table 1 in lbs/mmBtu

AF - Annual average fuel usage of unit for previous 5 years, mmsef/yr for natural gas or gallons for liquid fuel

k = unit conversion for cubic feet of natural gas to Btu = 1,050 Btu/sef, 95,500 Btu/gallon for LPG, and 138,700 Btu/gallon for fuel oil

ATTACHMENT G

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Final Staff Report

Proposed Amended Rule 1147 - NOx Reductions from Miscellaneous Sources

May 2022

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EXECUTIVE SUMMARY

Proposed Amended Rule (PAR) 1147 – NOx Reductions from Miscellaneous Sources, seeks further emission reductions of oxides of nitrogen (NOx) and is part of a suite of "landing" rules for facilities currently regulated under the Regional Clean Air Incentives Market (RECLAIM) program or under another existing source specific rule. The goal is to conduct an updated Best Available Retrofit Control Technology (BARCT) analysis to ensure affected equipment is feasibly controlled to achieve cost effective maximum emission reductions. Control Measure CMB-05 of the Final 2016 Air Quality Management Plan (AQMP) directed staff to assess how to transition the RECLAIM program to a command-and-control regulatory structure requiring BARCT as soon as practicable and to achieve a five tons per day NOx emission reduction as soon as feasible but no later than 2025.

PAR 1147 will primarily update NOx emission limits for existing equipment categories, as well as establish new equipment categories based on stakeholder comments. PAR 1147 will include a newly added carbon monoxide (CO) limit for RECLAIM and non-RECLAIM equipment with additional requirements for monitoring and recordkeeping. The proposed NOx emission limits for existing categories and new emission limits for added equipment categories represent BARCT. The proposed amended rule will update compliance dates and new limits for NOx and CO emissions for RECLAIM, non-RECLAIM, and former RECLAIM facilities.

The current Rule 1147 regulates NOx emissions from miscellaneous combustion equipment that range from a wide variety of industries, such as automotive body shops to large industrial manufacturing facilities, at limits ranging between 30 to 60 ppm depending on equipment type and process temperature. PAR 1147 would affect roughly 5,300 units located at approximately 3,000 facilities. After a comprehensive BARCT assessment including analysis of technology feasibility and cost effectiveness, PAR 1147 proposes to lower limits in some equipment categories to 20 to 30 ppm while others remain at the existing Rule 1147 levels of 30 to 60 ppm. In addition, a limit on CO emissions is being proposed. Rulemaking for PAR 1147 spanned over 11 working group meetings and additional meetings were held with industry stakeholders to obtain feedback during rule development.

Implementation will primarily take place when the equipment has reached a certain age recognizing typical replacement periods as well as addressing stranded assets from that equipment with controls installed to meet existing Rule 1147 limits. In addition, the applicability has been expanded to include equipment currently under the RECLAIM program as the facilities transition to become former RECLAIM facilities. More specifically, the equipment meeting current limits would be required to submit permit applications to meet the proposed emission limits by July 1 of the year after the unit burner becomes 32 years old. Owners or operators of units that are not in compliance with the existing Rule 1147 NOx limits must submit applications to meet the proposed emission limits by July 1, 2023, or July 1 of the year after unit burner becomes 12 years old, whichever is later. The compliance deadlines for PAR 1147 were established by taking into consideration equipment size range, application type, the number of units per facility, and whether facilities had multiple pieces of equipment subject to multiple source-specific command-andcontrol rules. The total emissions inventory for the PAR 1147 universe is ~3.69 tons per day (tpd). Emission reductions from the facilities expected to submit permit applications by July 1, 2023 are estimated to be ~0.54 tpd by January 1, 2026 and expected total reductions from the Proposed Amended Rule 1147 universe are expected to be 1.59 tpd by the full implementation estimate of January 1, 2059.

CHAPTER 1: BACKGROUND

Introduction Regulatory History Affected Industries Public Process

Introduction

The Regional Clean Air Incentives Market (RECLAIM) program was adopted in October 1993 under Regulation XX. RECLAIM is a market-based emissions trading program designed to reduce NOx and SOx emissions and includes facilities with NOx or SOx emissions greater than 4 tons per year. The 2016 Final Air Quality Management Plan (2016 AQMP) included Control Measure CMB-05: Further NOx Reductions from RECLAIM Assessment (CMB-05) to ensure the NOx RECLAIM program was achieving equivalency with command-and-control rules that are implementing Best Available Retrofit Control Technology (BARCT) and to generate further NOx emission reductions at RECLAIM facilities. The adoption resolution for the 2016 AQMP directed staff to achieve five tons per day of NOx emission reductions as soon as feasible but no later than 2025, and to transition the RECLAIM program to a command-and-control regulatory structure requiring BARCT as soon as practicable.

As facilities transition out of NOx RECLAIM, a command-and-control rule that includes NOx emission standards that reflect BARCT is needed for all equipment categories. Proposed Amended Rule (PAR) 1147 – NOx Reductions from Miscellaneous Sources is a "landing" rule for RECLAIM facilities with permitted combustion sources that are not subject to another South Coast AQMD Regulation XI rule and will establish NOx and CO emission limits for equipment subject to the rule at RECLAIM, non-RECLAIM, and former RECLAIM facilities.

Background

Rule 1147 – NOx Reductions for Miscellaneous Sources applies to all permitted combustion equipment not subject to another South Coast AQMD Regulation XI rule. Impacted equipment from a wide range of industries and equipment heat input varies from below 2 million BTU/hr (MMBtu/hr) to over 80 MMBtu/hr. Currently Rule 1147 consists of nine different categories for gaseous fuel-fired combustion equipment and one additional category for liquid fuel-fired combustion equipment. Each equipment category has its own unique challenges and staff has received feedback from stakeholders regarding unique challenges with certain equipment types in existing categories. As a result, PAR 1147 proposes to pull equipment from some existing categories into their own equipment categories.

Regulatory History

The South Coast AQMD Governing Board adopted the RECLAIM program in October 1993. Regulation XX – Regional Clean Air Incentives Market (RECLAIM) includes a series of rules that specify the applicability and procedures for determining NOx and SOx facility emissions allocations, program requirements, as well as monitoring, reporting, and recordkeeping requirements for RECLAIM facilities. RECLAIM replaced a series of existing and future command-and-control rules and was designed to achieve BARCT in aggregate. At the start of RECLAIM, facilities received an allocation of RECLAIM Trading Credits (RTCs). At the end of each compliance year, facilities are required to hold RTCs that are equal to or greater than their actual annual emissions.

Under RECLAIM, facilities can install pollution controls to reduce NOx emissions or buy or trade RTCs. Any unused RTCs from over control, reduction in throughput, or equipment shutdowns, can be sold or traded. Allocations were based on the facility's reported emission rate since there were no proposed BARCT limits at the time. In response to concerns regarding actual emission reductions and implementation of BARCT under RECLAIM, Control Measure CMB-05 of the 2016 AQMP committed to an assessment of the RECLAIM program to achieve further NOx emission reductions of five tons per day, including actions to transition the program and ensure future equivalency to command-and-control regulations. During the adoption of the 2016 AQMP,

the adoption resolution directed staff to modify Control Measure CMB-05 to achieve the five tons per day NOx emission reduction as soon as feasible but no later than 2025, and to transition the RECLAIM program to a command-and-control regulatory structure requiring BARCT-level controls as soon as practicable. PAR 1147 is needed to transition RECLAIM facilities with miscellaneous sources equipment to a command-and-control regulatory structure. PAR 1147 will apply to facilities while in RECLAIM and after the facility transitions out of RECLAIM and becomes a former RECLAIM facility.

Rule 1147 – NOx Reductions from Miscellaneous Sources

Rule 1147 was initially adopted in December 2008 and established NOx limits for a wide variety of miscellaneous combustion sources at non-RECLAIM facilities. Rule 1147 applies to ovens, dryers, dehydrators, heaters, kilns, calciners, furnaces, crematories, incinerators, heated pots, cookers, roasters, fryers, closed and open heated tanks and evaporators, distillation units, afterburners, degassing units, vapor incinerators, catalytic or thermal oxidizers, soil and water remediation units and other combustion equipment with NOx emissions that require a South Coast AQMD permit and are not specifically required to comply with a NOx emission limit designated by other South Coast AQMD Regulation XI rules.

- December 2008 Rule 1147 was adopted.
- September 2011 Rule 1147 was amended to respond to compliance challenges by delaying compliance dates as well as providing alternative compliance pathways and reducing testing requirements for impacted equipment. The rule amendment also required staff to conduct a technology assessment for small combustion sources impacted by the rule.
- February 2017 Staff conducted a technology assessment focused on low-use equipment emitting less than one-pound NOx per day. The completed Technology Assessment was reviewed by an independent third-party consultant as well as the Rule 1147 Task Force.
- July 2017 Rule 1147 was amended to reflect findings and recommendations from the Technology Assessment conducted in February 2017. This amendment provided additional compliance flexibility by including an exemption for equipment with heat input ratings of less than 325,000 BTU/hr. The amendment also removed the in-use requirement for lowuse equipment, modified emission limits for various equipment categories in line with findings from the February 2017 Technology Assessment and provided additional compliance options for impacted equipment.

Under Rule 1147, applicable equipment subject to 1147 with total heat input greater than or equal to 325,000 BTU/hr must meet Rule 1147 NOx concentration limits depending on equipment category and process temperature as shown in Table 1-1 - NOx Emission Limit for Unit Heat Ratings ≥ 325,000 BTU/hour.

Table 1-1 – NOx Emission Limit for Unit Heat Ratings ≥ 325,000 BTU/hour

Equipment Category(ies)	NOx Emission Limit PPM @ 3% O ₂ , dry or Pound/mmBtu heat		
	Process Temperature		
Gaseous Fuel-Fired Equipment	≤ 800° F	>800 ° F and <1200 ° F ≥ 1200 ° F	
Asphalt Manufacturing Operation	40 ppm	40 ppm	**
Afterburner, Degassing Unit, Remediation Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator ¹	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu
Burn-off Furnace, Burnout Oven, Incinerator or Crematory with or without Integrated Afterburner	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu
Evaporator, Fryer, Heated Process Tank, or Parts Washer	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	6
Metal Heat Treating, Metal Melting Furnace, Metal Pot, or Tar Pot	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu
Oven, Dehydrator, Dryer, Heater, Kiln, Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank	30 ppm or 0.036 lb/mmBtu	30 ppm or 0.036 lb/mmBtu	60 ppm or 0.073 lb/mmBtu
Make-Up Air Heater or other Air Heater located outside of building with temperature controlled zone inside building	30 ppm or 0.036 lb/mmBtu	30 ppm or 0.036 lb/mmBtu	
Tenter Frame or Fabric or Carpet Dryer	30 ppm or 0.036 lb/mmBtu	3 1110	5
Other Unit or Process Temperature	30 ppm or 0.036 lb/mmBtu	30 ppm or 0.036 lb/mmBtu	60 ppm or 0.073 lb/mmBtu
Liquid Fuel-Fired Equipment	≤ 800° F	> 800 ° F and < 1200° F	≥ 1200 ° F
All liquid fuel-fired Units	40 ppm or 0.053 lb/mmBtu	40 ppm or 0.053 lb/mmBtu	60 ppm or 0.080 lb/mmBtu

Emission limit applies to burners in units fueled by 100% natural gas that are used to incinerate air toxics, VOCs, or other vapors; or to heat a unit. The emission limit applies solely when burning 100% fuel and not when the burner is incinerating air toxics, VOCs, or other vapors. The unit shall be tested or certified to meet the emission limit while fueled with natural gas.

All in-use equipment subject to Rule 1147 with a total heat input greater than 325,000 BTU/hr and emitting one pound or more of NOx per day must demonstrate compliance with Rule 1147 limits according to the schedule outlined below in Table 1-2 – Rule 1147 Compliance Schedule.

Table 1-2 – Rule 1147 Compliance Schedule (≥1 lb/Day of NOx)

Equipment Category(ies)	Submit Permit	Unit Shall Be in	
	Application	Compliance	
Specific UNIT			
Remediation UNIT manufactured and installed prior to March 1, 2012	Seven months prior to a combustion system modification, combustion system replacement or unit replacement or a relocation.	Upon combustion system modification, combustion system replacement or unit replacement or relocation beginning March 1, 2012	
Evaporator, heated process tank, or parts washer with a District permit issued and operating prior to January 1, 2014	Seven months prior to combustion system modification, combustion system replacement or unit replacement	Upon combustion system modification, combustion system replacement or unit replacement	
Tar Pot		All new permit applications beginning January 1, 2013	
UNIT with Emissions ≥1 Pound/Day			
Afterburner, degassing unit, catalytic oxidizer, thermal oxidizer, vapor incinerator, fryer, or spray booth make-up air heater manufactured prior to 1998	December 1, 2013	July 1, 2014	
Other UNIT manufactured prior to 1986	December 1, 2011	July 1, 2012	
Other UNIT manufactured prior to 1992	December 1, 2011	July 1, 2012	
Other UNIT manufactured prior to 1998	December 1, 2012	July 1, 2013	
Any UNIT manufactured after 1997	December 1 of the year prior to the compliance date	July 1 of the year the unit is 15 years old	

All new equipment subject to Rule 1147 is required to demonstrate compliance with the rule limit existing at the time of permitting. Units emitting less than one pound per day of NOx are required to demonstrate compliance with applicable Rule 1147 limits when the unit becomes 35 years old unless opting to demonstrate NOx emissions of less than one pound per day through biennial emissions testing. Rule 1147 does not have periodic monitoring requirements. RECLAIM Rule 2012 requires periodic monitoring and bi-annual tune ups with the frequency determined by the source categorization of Major, Large or Process sources:

- Major sources are required to install CEMS with daily, monthly, quarterly, and annual reporting with minimum of semi-annual RATA
- Large sources are required to conduct source testing every 3 years with requirement for biannual tune up
- Process sources are required to conduct source testing every 5 years with requirement for bi-annual tune up

Rule 1147 does not contain a CO emission limit requirement, but units are generally subject to a limit of 2000 ppm corrected to 3% oxygen by South Coast AQMD *Rule 407 – Liquid and Gaseous Air Contaminants* or are subject to lower CO limits through BACT.

AB 617

On July 26, 2017, Governor Brown signed AB 617 (Cristina Garcia): Nonvehicular air pollution: criteria air pollutants and toxic air contaminants. AB 617 was companion legislation to AB 398 which extended California's cap and trade program for reducing greenhouse gas emissions from stationary sources. RECLAIM facilities that are part of the cap-and-trade program are now also subject to the requirements of AB 617. AB 617 requires an expedited schedule for implementing BARCT for cap-and-trade facilities. Under AB 617, the State's air districts were to develop a schedule by January 1, 2019 for the implementation of BARCT no later than December 31, 2023. The schedule must give highest priority to those permitted units that have not modified emissions-related permit conditions for the greatest period and does not apply to an emissions unit that has implemented BARCT due to a permit revision or a new permit issuance since 2007.

Affected Industries

PAR 1147 would affect RECLAIM and non-RECLAIM facilities that own or operate permitted gaseous fuel-fired equipment that are not subject to another South Coast AQMD Regulation XI rule. Based on South Coast AQMD permitting data, staff identified approximately 5,300 pieces of equipment located at approximately 3,000 facilities that are subject to PAR 1147. Of the estimated 3,000 facilities, 85 are identified to be participants of the RECLAIM program. A breakdown of impacted industries for RECLAIM equipment is shown in Figure 1-1 and shown for non-RECLAIM equipment in Figure 1-2. Based on equipment data, RECLAIM facilities show higher representation in the Manufacturing sector while non-RECLAIM facilities show higher representation in the Services sector.

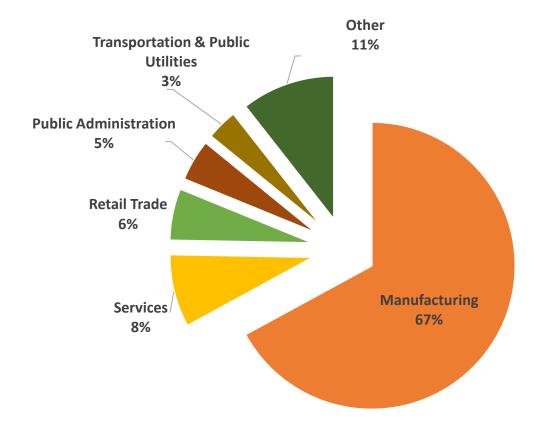


Figure 1-1 –Industry Breakdown for RECLAIM Facilities Subject to PAR 1147

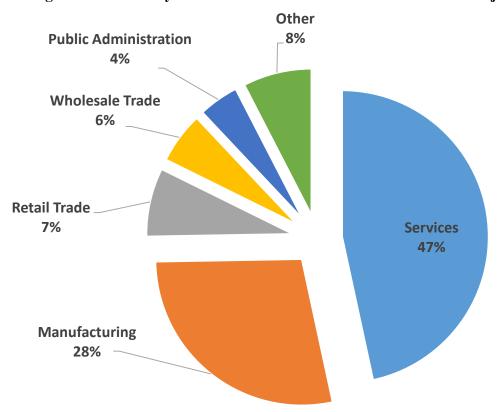


Figure 1-2 – Industry Breakdown for Non-RECLAIM Facilities Subject to PAR 1147

Public Process

Development of PAR 1147 was conducted through a public process. South Coast AQMD staff has held eleven Working Group Meetings. Staff recognized the challenges businesses and other stakeholders have experienced with the global COVID-19 pandemic and have conducted Working Group Meetings remotely via Zoom consistent with Governor Newsom's Executive Order N-29-20 dated March 17, 2020. In person Working Group Meetings were held February 28, 2019, April 17, 2019, May 30, 2019, October 23, 2019, and February 11, 2020. Remote Working Group Meetings were held on May 14, 2020, November 12, 2020, March 10, 2021, July 14, 2021, September 8, 2021, January 5, 2022. The Working Group is composed of representatives from the equipment manufacturers, trade organizations, permit stakeholders, businesses, environmental groups, public agencies, consultants, and other interested parties. The purpose of the Working Group Meetings was to discuss proposed concepts and to work through the details of staff's proposal. A Public Workshop was held on January 27, 2022. Staff has also had numerous individual meetings with stakeholders who will be impacted by this rulemaking.

CHAPTER 2: BARCT ASSESSMENT

BARCT Assessment Assessment of NOx Emission Limits for Existing Units Cost-Effectiveness and Incremental Cost-Effectiveness Analysis Proposed BARCT Emission Limit

BARCT Assessment

Health & Safety Code §40406 defines BARCT as follows:

Best Available Retrofit Control Technology means an emission limitation that is based on the maximum degree of reduction achievable, taking into account environmental, energy, and economic impacts by each class or category of source.

The California Health and Safety Code Section 40920.6 establishes requirements prior to adopting rules or regulations regarding retrofit control technologies. Some of these requirements include:

- Identifying one or more potential control options which achieves the emission reduction objective for the regulation.
- Reviewing the information developed to assess the cost-effectiveness of the potential control option, where cost-effectiveness is defined as the cost, in dollars, of the potential control option divided by emission reduction potential, in tons (i.e., the amount of dollars per ton of NOx reduced).
- Calculating the incremental cost-effectiveness for the potential control options is defined as the difference in the costs divided by the difference in the emission reduction potential between each progressively more stringent potential control option as compared to the next less expensive control option.

The BARCT technology assessment for applicable PAR 1147 equipment included a technology assessment that included assessment of existing regulatory requirements, existing NOx limits that have been achieved, and review of commercially available NOx emission reduction technologies. After staff conducts the technology assessment, potential control options are identified. Before the proposed BARCT limit is established, staff will evaluate the cost-effectiveness and incremental cost-effectiveness. A summary of the BARCT assessment is provided below in Figure 2-1.

Assessment of Initial BARCT Assessment of BARCT South Coast Other Assessment of Emission Limit **Pollution** AQMD **Emission Limits** Regulatory **Emission** Control and Other of Existing Units Requirements Regulatory Considerations **Technologies** Limit Requirements **Technology Assessment**

Figure 2-1 – Summary of BARCT Assessment

Assessment of South Coast AQMD Regulatory Requirements

As part of the BARCT assessment, staff reviewed NOx limits in Rule 1147 which regulate NOx emissions from ovens, dryers, dehydrators, heaters, kilns, calciners, furnaces, crematories, incinerators, heated pots, cookers, roasters, fryers, closed and open heated tanks and evaporators,

distillation units, afterburners, degassing units, vapor incinerators, catalytic or thermal oxidizers, soil and water remediation units and other combustion equipment with nitrogen oxide emissions that require a South Coast AQMD permit and are not specifically required to comply with a nitrogen oxide emission limit by other South Coast AQMD Regulation XI rules. The current rule emission limits were adopted on July 7, 2017 and all NOx concentration limits specified in Rule 1147 are referenced at 3 percent volume stack gas oxygen on a dry basis.

Under Rule 1147, applicable equipment with a total heat input greater than or equal to 325,000 BTU/hr must meet the NOx limit depending on equipment category and process temperature as shown in Table 1-1 - NOx Emission Limit for Unit Heat Ratings ≥ 325,000 BTU/hour. Based on stakeholder feedback, staff proposes to shift equipment currently subject to the oven, dehydrator, dryer, heater, kiln, calciner, cooker, roaster, furnace, or heated storage tank category into additional equipment categories for tunnel/ceramic kilns, absorption chillers, and autoclaves. Based on assessment of equipment located in RECLAIM facilities, PAR 1147 would also include a new equipment category for stationary gas turbines below 0.3 megawatts.

Assessment of NOx Emission Limits for Existing Units

As part of the BARCT analysis for PAR 1147, permit limits were reviewed for all applicable categories. In addition to the assessment of permit limits, additional assessment was conducted from available source test results for each new and existing equipment category. The objective of this part of the technology assessment was to ascertain if current permitted emission limits and source tested results are at a lower level than the NOx limit established in Rule 1147. The analysis also identified other control technologies implemented by permitted equipment to achieve the designated permit limits or better. Due to the wide variety of equipment found in certain equipment categories, additional considerations were made regarding application and equipment configuration. The equipment category impacting make-up air heaters or other air heaters was evaluated previously during the 2017 Technology Assessment¹ for Rule 1147 equipment and staff's assessment was in line with the 2017 technology assessment; therefore, this equipment category was not re-evaluated during this rulemaking. Concentration limits referenced in this assessment shall be corrected to 3% oxygen except for turbines which are corrected to 15% oxygen.

Afterburner, Degassing Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator

The category for afterburner degassing unit, remediation unit, thermal oxidizer, catalytic oxidizer or vapor incinerator consists of 327 total units with 267 units located at non-RECLAIM facilities and 62 units located at RECLAIM facilities. Units in this category are used as control equipment for volatile organic compounds and other air toxics. The total heat input for equipment found in this category ranges between less than 1 MMBtu/hr to 189 MMBtu/hr. Emission limits for this category apply to burners in units fueled by 100% natural gas that are used to heat a unit or to incinerate air toxics, VOCs, or other vapors. The emission limit applies solely when burning 100% fuel and not when the burner is incinerating air toxics, VOCs, or other vapors. Units in this category demonstrate compliance by being tested or certified to meet the emission limit while fueled with natural gas.

Permit Limits

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July 7, 2017 South Coast AQMD Governing Board Meeting Agenda Item 36 – Certify the Final Subsequent Environmental Assessment and Amend Rule 1147 – NOx Reductions from Miscellaneous Sources: 36. Certify the Final Subsequent Environmental Assessment and Amend Rule 1147 - NOx Reductions from Miscellaneous Sources (aqmd.gov)

Permit limits of existing permitted equipment in this category range between 12 ppm to 135 ppm. While existing Rule 1147 limit for this category is 60 ppm for all process temperatures, the BACT requirement for all new equipment is 30 ppm for all process categories. Rule 1147 was amended in 2017 to reflect findings from the February 2017 Final Technology Assessment that was reviewed by ETS Inc. BACT revisions from February 2019 revised the BACT guidance from this category to 30 ppm. As a result of the difference in BACT and Rule 1147 limits, new units permitted after 2019 are limited to 30 ppm while older equipment permitted between 2017 to 2019 is assigned the permit limit of 60 ppm.

Source Tests

Facility-submitted source test results from 80 units were analyzed to assess NOx concentration levels being achieved. From the evaluated source tests, 13 source test results were obtained from RECLAIM units and 67 source test results were obtained from non-RECLAIM units. Source test results ranged from <1 ppm to 126 ppm. Seven of the 13 units source tested in RECLAIM demonstrated source tested emissions of below 20 ppm while 47 of the 67 units in non-RECLAIM demonstrated source tested emissions of below 20 ppm. A summary of the technology assessment findings is shown in Figure 2-2.

Figure 2-2 – Summary of Technology Assessment for Afterburner, Degassing Unit, Remediation Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator

Operating Temp		0	Exis	ting Units	T11
		South Coast AQMD Limit	ST Recommended Limit	Units Meeting Recommendation	Technology Assessment
	60 ppm (30 ppm BACT) 20 ppm		20 nnm	7 of 13 RECLAIM	20 nnm
			20 ρρπ	47 of 67 Non-RECLAIM	20 ppm

Remediation Unit

The category for remediation units consists of 486 units in non-RECLAIM and 4 units in RECLAIM. Units in this source category are used to capture or incinerate air toxics, such as volatile organic compounds (VOC) and other combustible vapors, extracted from soil or water. Equipment for this source category consists of units utilizing gas fired sources and other processes not considered NOx sources, such as carbon absorbers and electric oxidizers. Staff analyzed a sample of 48 non-RECLAIM units and all 4 RECLAIM units. Out of the units analyzed, 31 of 48 non-RECLAIM and three out of four RECLAIM sources were not applicable to Rule 1147. From the 18 units analyzed that are applicable to Rule 1147, the total heat input ranged between 0.5 to 6.8 MMBtu/hr. From the 18 Rule 1147 applicable units, 13 units had total heat input ratings below 2 MMBtu/hr.

Permit Limits

Rule 1147 currently limits remediation units to a NOx emission limit of 60 ppm corrected to 3% O₂; however; remediation units manufactured and installed before March 1, 2012, do not need to comply with Rule 1147 limits until after combustion system modification or replacement. Newer units permitted after 2012 are subject to a NOx emission limit of 60 ppm at the time of permitting.

2-4

Source Tests

Due to the extended compliance period outlined in Rule 1147, the vast majority of remediation units are not required to comply with Rule 1147 limits until combustion system modification or replacement. Staff was unable to identify source tests for equipment in this source category. Due to the scarcity of source test data for this source category, the staff recommendation is to maintain the existing NOx limit of 60 ppm and to revisit this source category during a future rule amendment.

Burn-off Furnace, Burnout Oven, Incinerator or Crematory with or without Integrated Afterburner

The category for burn-off furnace, burnout oven, incinerator or crematory with or without integrated afterburner consists of 314 total units with 303 units located at non-RECLAIM facilities and 13 units located at RECLAIM facilities. The total heat input for equipment found in this category ranges between less than 1 MMBtu/hr to 9 MMBtu/hr. These units may be called burn-off or burn-out ovens, kilns or furnaces and incinerators; however, all units perform and operate in a similar fashion. They are built with a primary chamber for melting, vaporizing or pyrolyzing some material on a part or piece of equipment to recycle the material or component. Some units are used for incinerating material that cannot be reclaimed or must be incinerated prior to disposal. The primary chamber leads to an integrated secondary afterburner chamber that destroys particulate matter, carbon monoxide, VOCs and any other organic material that enter this afterburner section. The incinerated material is reduced to carbon dioxide and water vapor.

Permit Limits

Permit limits of existing permitted equipment in this category range between 30 ppm to 102 ppm (equivalent to RECLAIM default emission factor of 130 lb/MMSCF). Equipment permit limits are based on existing and previous Rule 1147 limit of between 30 to 60 ppm for all process temperatures. While current Rule 1147 limit for this category is 60 ppm for all process temperatures, Rule 1147 was amended in 2017 to reflect findings from the February 2017 Final Technology Assessment by increasing emission limits for this category from 30 ppm to 60 ppm. Because of the rule amendment, new units permitted after 2017 are limited to 60 ppm while older equipment are still limited to 30 ppm.

Source Tests

Facility-submitted source test results from 69 units were analyzed to assess NOx concentration levels being achieved. From the evaluated source tests, one source test result was obtained from a RECLAIM unit and 68 source test results were obtained from non-RECLAIM units. Source test results ranged from 4 ppm to 60 ppm. Nine of the 68 units in non-RECLAIM demonstrated source tested emissions of below 30 ppm while no units were identified to have source tested below 30 ppm in RECLAIM. Summary of technology assessment is shown in Figure 2-3.

2-5

Figure 2-3 – Summary of Technology Assessment for Burn-off Furnace, Burnout Oven, Incinerator or Crematory with or without Integrated Afterburner

Onevetina	0 - 1 - 0 1 -	Exis	ting Units	T. dan dan d
Operating South Coast AQMD Limit				Technology Assessment
All	All 60 ppm 30 ppm		0 of 1 RECLAIM	30 nnm
All	оо ррш	эо ррпі	9 of 68 Non-RECLAIM	30 ppm

Evaporator, Fryer, Heated Process Tank, or Parts Washer

The category for evaporator, fryer, heated process tank, or parts washer consists of 51 total units with 49 units located at non-RECLAIM facilities and 2 units located at RECLAIM facilities. Units in this category are used to heat containers of process fluid for various applications. The total heat input for equipment found in this category range between less than 1 MMBtu/hr to 14 MMBtu/hr. There are different types of heating systems including immersion tube heating in conveyor units and external oil heating systems. While most equipment in this category is equipped with small burners (<2 MMBtu/hr) that would generally be exempt from permitting per Rule 219, the associated process has emissions other than the products of combustion such as VOC, PM or toxic air contaminants which necessitates permitting of the process equipment, including any small burners.

Permit Limits

Permit limits of existing permitted equipment in this category range between 60 ppm to 102 ppm (equivalent to RECLAIM default emission factor of 130 lb/MMSCF). Equipment permit limits are based on existing and previous Rule 1147 limit of 60 ppm for all process temperatures. As part of the July 7, 2017 rule amendment, any evaporator, heated process tank and parts washer with a South Coast AQMD permit prior to January 1, 2014 became exempt from applicable Rule 1147 limits until combustion system modification, relocation or unit replacement.

Source Tests

Facility-submitted source test results from 8 units were analyzed to assess NOx concentration levels being achieved. From the evaluated source tests, all 8 source test results were obtained from non-RECLAIM units. Source test results ranged from 37 ppm to 56 ppm. Summary of technology assessment is shown in Figure 2-4.

Figure 2-4 – Summary of Technology Assessment for Evaporator, Fryer, Heated Process Tank, or Parts Washer

Onorotina	0	Exis	ting Units	Tankanalawa
Operating Temp	South Coast ST AQMD Limit Recommended Limit		Units Meeting Recommendation	Technology Assessment
All	60 ppm	60 ppm	No Source Test from RECLAIM Sources	60 ppm
	1000		8 of 8 Non-RECLAIM	

Oven, Dehydrator, Dryer, Heater, Kiln, Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank

The category for oven, dehydrator dryer, heater, kiln, calciner, cooler, roaster, furnace, or heated storage tank is the largest equipment category found in the Rule 1147 universe consisting of approximately 1,509 pieces of non-RECLAIM equipment and 191 pieces of RECLAIM equipment. The total heat input for equipment found in this category ranges between less than 1 MMBtu/hr to 30 MMBtu/hr. Due to the large number of equipment subject to this equipment category, staff sampled a subset of 728 units consisting of 177 units in RECLAIM and 552 units in non-RECLAIM. The statistically significant subset of equipment was chosen by random to address potential bias in the evaluation criteria.

Permit Limits

Permit limits of existing permitted equipment in this category range between 30 ppm to 101.4 ppm (equivalent to RECLAIM default emission factor of 130 lb/MMSCF). Equipment permit limits are based on existing Rule 1147 limits and divided into either 30 ppm or 60 ppm depending on process temperature. Equipment with a process temperature of less than 1,200°F are required to meet 30 ppm NOx while those with process temperature greater than or equal to 1,200°F are required to meet 60 ppm NOx.

Source Tests

Facility-submitted source test results from the subset of 728 units were analyzed to assess NOx concentration levels being achieved. From the selected subset, 201 source test results were obtained from 28 RECLAIM units and 173 non-RECLAIM units.

For units with process temperatures less than 1,200°F, source test results from 169 non-RECLAIM units and 27 RECLAIM units were identified to range from 5 to 64 ppm. Out of the source test results from 196 units surveyed, 87 units demonstrated emissions below 20 ppm NOx with 76 units belonging to non-RECLAIM facilities and 11 units belonging to RECLAIM facilities.

For units with process temperatures greater than or equal to 1,200°F, source test results from 4 non-RECLAIM units and one RECLAIM unit were identified ranged from 18 to 59 ppm. Out of the five identified source tests, three units demonstrated result below 30 ppm NOx with all three units belonging to non-RECLAIM facilities. Summary of technology assessment is shown in Figure 2-5.

Operating **AQMD** Limit Temp 11 of 27 RECLAIM <1,200° F 30 ppm 20 ppm 20 ppm 76 of 169 Non-RECLAIM 0 of 1 **RECLAIM** ≥1,200° F 60 ppm 30 ppm 30 ppm 3 of 4 Non-RECLAIM

Figure 2-5 – Summary of Technology Assessment for Oven, Dehydrator, Dryer, Heater, Kiln, Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank

Tenter Frame or Fabric or Carpet Dryer

The category for tenter frame or fabric or carpet dryer consists of 61 total units with 35 units located at non-RECLAIM facilities and 26 units located at RECLAIM facilities. Units in this category are used to hold and dry fabric in a way as to avoid shrinkage. Burners for equipment in this category range between less than 1 MMBtu/hr to 10 MMBtu/hr. Process temperatures are always less than 800°F.

Permit Limits

Permit limits of existing permitted equipment in this category range between 30 ppm to 101.4 ppm (equivalent to RECLAIM default emission factor of 130 lb/MMSCF). Equipment originally permitted after Rule 1147 adoption on December 8, 2008 is assigned permit limits based on existing Rule 1147 limits of 30 ppm. Equipment originally permitted before Rule 1147 adoption are limited to permit limits of between 40 to 60 ppm.

Source Tests

Facility-submitted source test results from 29 units were analyzed to assess NOx concentration levels being achieved. From the evaluated source tests, 20 source test results were obtained from non-RECLAIM units and 9 source test results were obtained from RECLAIM units Source test results ranged from 18 ppm to 60 ppm. One of 20 units from non-RECLAIM demonstrated source test result of under 20 ppm and no units in RECLAIM demonstrated source test results below 20 ppm. Sixteen of the 20 units source tested in non-RECLAIM demonstrated source tested emissions of below 30 ppm while four of the 9 units in RECLAIM demonstrated source tested emissions of below 30 ppm. Summary of technology assessment is shown in Figure 2-6.

2-8

May 2022

Figure 2-6 – Summary of Technology Assessment for Tenter Frame or Fabric or Carpet Dryer

Operating	Carrillo Carrat F	Exis	ting Units	Tarkardana
Temp South Coast AQMD Limit Recommen		Recommended	Units Meeting Recommendation	Technology Assessment
All	30 ppm 20 ppm		0 of 9 RECLAIM	20 nnm
All	эо ррт	20 ρρπ	1 of 20 Non-RECLAIM	20 ppm

Autoclave

The category for autoclave is a new equipment category in PAR 1147 and consists of 10 total units with all identified units located at RECLAIM facilities. Prior to PAR 1147, autoclaves were categorized in the Oven, Dehydrator, Dryer, Heater, Kiln, Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank category. From stakeholder feedback and further assessment, staff proposes to move autoclaves into a separate equipment category due to the unique heating process and pressurized vessel used. Identified units in this category are pressurized vessels heated by natural gas fired burners used to slowly heat and cure composite materials used in the aerospace industry. Burners for equipment in this category range between 5 MMBtu/hr to 25 MMBtu/hr. Process temperatures are generally less than 800°F.

Permit Limits

Permit limits of existing permitted equipment in this category range between 30 ppm to 101.4 ppm (equivalent to RECLAIM default emission factor of 130 lb/MMSCF).). Equipment permit limits are based on existing Rule 1147 limits and divided into either 30 ppm or 60 ppm depending on process temperature. Equipment with process temperature of less than 1,200°F are required to meet 30 ppm NOx while those with process temperature greater than or equal to 1,200°F are required to meet 60 ppm NOx.

Source Tests

Facility-submitted source test results from 2 RECLAIM units were analyzed to assess NOx concentration levels being achieved. Source test results for both units demonstrated source test results below 30 ppm. Summary of technology assessment is shown in Figure 2-7.

Figure 2-7 – Summary of Technology Assessment for Autoclave

Operating Temp		Carrilla Caract	Exis	ting Units	Taskaslasas
		South Coast AQMD Limit	ST Recommended Limit	Units Meeting Recommendation	Technology Assessment
	All	20 nnm	20 nnm	2 of 2 RECLAIM	20 nnm
	All	30 ppm	30 ppm	No Source Test from Non-RECLAIM	30 ppm

Tunnel Kiln and Beehive Kiln

The category including tunnel kiln and beehive kiln is a new equipment category in PAR 1147 and consists of 8 total units with seven identified units located in RECLAIM and one identified unit in non-RECLAIM. Prior to PAR 1147, tunnel kilns and beehive kilns were categorized in the Oven, Dehydrator, Dryer, Heater, Kiln, Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank category. From stakeholder feedback and further assessment, staff proposes to move tunnel kilns and beehive kilns into a separate equipment category due to the unique heating process. Tunnel kilns and beehive kilns are used to physically evaporate moisture from a material using heated air. Tunnel kilns operate at various temperatures both greater than and less than 1,200°F while beehive kilns only operate at temperatures greater than 1,200°F. Exhaust gases from tunnel kilns exhibit high moisture contents (approximately 30 percent or more) and relatively low temperatures (less than 400 °F). Beehive kilns are rare pieces of equipment, and staff are aware of two units located at one RECALIM facility in the South Coast AQMD jurisdiction. Additionally, because the combustion gases and the heated process air are combined before discharge, the final exhaust gas has a higher exhaust oxygen concentration. Units in this equipment category consist of multiple burners with total heat input of between 14 MMBtu/hr to 84 MMBtu/hr.

Permit Limits

Permit limits of existing permitted equipment in this category range between 60 ppm to 101.4 ppm (equivalent to RECLAIM default emission factor of 130 lb/MMSCF). Staff identified one major source tunnel dryer operated at a RECLAIM facility with no permit limit and monitored by a continuous emissions monitoring system (CEMS). Equipment permit limits for tunnel kilns are based on existing Rule 1147 limits of 60 ppm due to high process temperature greater than or equal to 1,200°F.

Source Tests

From the evaluated source tests, source test results were obtained from all six identified units in non-RECLAIM and RECLAIM. Source test results ranged from 20 ppm to 54 ppm. The tunnel dryer major source identified to not have an assigned permit limit in RECLAIM demonstrated source test result demonstrating below 30 ppm NOx. Source test results for four other identified RECLAIM tunnel kilns demonstrated source test results of between 40 ppm to 52 ppm NOx. One tunnel kiln identified in non-RECLAIM demonstrated source test result of 54 ppm NOx. Summary of technology assessment is shown in Figure 2-8.

Operating South Coast **AQMD Limit Temp** Assessment 1 of 1

Figure 2-8 – Summary of Technology Assessment for Tunnel Dryers and Beehive Kilns

Natural Gas Fired Chillers

The category for natural gas fired chillers is a new equipment category in PAR 1147 and consists of 12 total units with three units located at RECLAIM facilities and nine units located at non-RECLAIM facilities. Prior to PAR 1147, chillers were categorized in the Oven, Dehydrator, Dryer, Heater, Kiln, Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank category. From stakeholder feedback and further assessment, staff proposes to move chillers into a separate equipment category due to the unique heating process and ability to reach lower NOx emissions levels due to the process. Burners for equipment in this category range between 2 MMBtu/hr to 13 MMBtu/hr. Process temperatures are generally less than 800°F.

Permit Limits

Permit limits of existing permitted equipment in this category are all currently at 20 ppm compared to the rule limit requirement of 30 ppm. Newly permitted natural gas fired chillers are also permitted to the BACT limit of 20 ppm.

Source Test

Facility-submitted source test results from all 12 identified units were analyzed to assess NOx concentration levels being achieved. Source test results for all units demonstrated source test results below 20 ppm. Summary of technology assessment is shown in Figure 2-9.

Operating Temp

South Coast AQMD Limit

ST
Recommended Limit

Units Meeting Recommendation

Assessment

3 of 3
RECLAIM

9 of 9
Non-RECLAIM

Figure 2-9 – Summary of Technology Assessment for Natural Gas Fired Chillers

Turbine < 0.3 MW (Natural Gas)

The category for natural gas turbines <0.3 MW is a new equipment category in PAR 1147 that impacts natural gas fired turbines smaller than 0.3 MW that are not subject to South Coast AQMD Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines. Natural gas turbines of this size are generally exempt per South Coast AQMD Rule 219 if the units are certified to meet emission levels certified by the California Air Resources Board. For units operating outside their certified configurations, a South Coast AQMD permit is required. For RECLAIM facilities operating these units under a South Coat AQMD permit to exit RECLAIM, a landing rule and BARCT limit must be established. This new equipment category consists of 29 units with 15 units located in non-RECLAIM facilities and 14 units in RECLAIM facilities.

Permit Limits

Permit limits of existing permitted equipment in this category range between 9 ppm to 25 ppm. Equipment permit limits are based on BACT at the time of permitting. New equipment within this category is permitted to a limit of 9 ppm. NOx emissions are corrected to 15% oxygen in turbines in contrast to 3% oxygen for other Rule 1147 equipment categories, due to the internal combustion employed.

Source Tests

Facility-submitted source test results from 17 units were analyzed to assess NOx concentration levels being achieved. Out of the 17 source tested units, 11 units are located at non-RECLAIM facilities and six units are located at RECLAIM facilities. Source test results for all units demonstrated below 9 ppm, including three units with existing permit limits of 25 ppm. Summary of technology assessment is shown in Figure 2-10.

Operating Temp

South Coast AQMD Limit

ST
Recommended Limit

Units Meeting Recommendation

Fractional Structure of the Assessment All Pppm

9 ppm

9 ppm

11 of 11
Non-RECLAIM

9 ppm

Figure 2-10 – Summary of Technology Assessment for Natural-Gas-Fired Turbines

Turbine < 0.3 MW (Distillate)

The category for distillate turbines <0.3 MW is a new equipment category in PAR 1147 that impacts distillate fuel fired turbines smaller than 0.3 MW that are not subject to South Coast AQMD Rule 1134 – Emissions of Oxides of Nitrogen from Stationary Gas Turbines. Natural gas turbines of this size are generally exempt per South Coast AQMD Rule 219 if the units are certified to meet emission levels certified by the California Air Resources Board. For units operating outside their certified configurations, a South Coast AQMD permit is required. For RECLAIM facilities operating these units under a South Coat AQMD permit to exit RECLAIM, a landing rule and BARCT must be established. This new equipment category consists of 3 units located at one RECLAIM facility.

Permit Limits

All three units subject to this equipment category are assigned the permit limit of 77 ppm. Equipment permit limits are based on BACT at the time of permitting. NOx emissions are corrected to 15% oxygen in turbines compared to 3% oxygen in other Rule 1147 equipment categories, due to the internal combustion employed.

Source Test

Facility-submitted source test results from all three units were analyzed to assess NOx concentration levels being achieved. Source test results for all units demonstrated below 77 ppm. Summary of technology assessment is shown in Figure 2-11.

Operating Temp

South Coast AQMD Limit

ST Recommended Limit

Technology Assessment

Technology Assessment

3 of 3
RECLAIM

No Source Test Non-RECLAIM

Figure 2-11 – Summary of Technology Assessment for Distillate Fuel Fired Turbines

Rotary Dryer

On August 6, 2021, the South Coast AQMD Governing Board adopted Rule 1147.1 – NOx Reductions from Aggregate Dryers which bifurcated aggregate dryers, including rotary aggregate dryers, from Rule 1147. During rulemaking for Rule 1147.1, a technology assessment was conducted for aggregate dryers, including rotary aggregate dryers. This assessment resulted in the Rule 1147.1 limit recommendation of 30 ppmv NOx and 1,000 ppmv CO both corrected to 3% O2 considering past performance and compliance margin. Based on stakeholder input, staff has identified at least one rotary dryer used in drying applications for metal chips. The identified application of rotary dryer in this non-aggregate drying operation is similar to the rotary dryers identified in Rule 1147.1 rulemaking. On this basis, the emission limit recommendation of rotary dryers subject to PAR 1147 is the same as that of Rule 1147.1.

Permit Limits and Source Test

One non-aggregate rotary dryer was identified as a large RECLAIM source with a NOx concentration limit of 38 ppmv corrected to 3% O2. Source test was performed for the identified equipment, and the results demonstrated NOx emissions of less than 30 ppmv NOx.

Other Regulatory Requirements

Analysis of NOx Concentration Limits for Proposed Rule 1147 Equipment at Other Air Districts

Staff reviewed other air districts' requirements for Proposed Amended Rule 1147 applicable equipment to identify rules and regulations with lower emission limits or limits representing improvements in pollution control technologies. A comparison of the existing requirements in Rule 1147 was made with the analogous rules adopted by two other air districts in California, one in San Joaquin Valley (SJVAPCD) and the other in Ventura.

SJVAPCD Rule 4309

SJVAPCD Rule 4309 (Dryers, Dehydrators, and Ovens) regulates equipment that are greater than or equal to 5 MMBtu/hr with full compliance by December 1, 2009. Rule 4309 limits applicable gaseous fueled equipment to a NOx limit of between 3.5 to 5.3 ppm and a CO limit of 42 ppm both corrected to 19% oxygen which are between 32 to 50 ppm NOx and 395 ppm CO corrected to 3% oxygen. SJVAPCD Rule 4309 does not separate emission limits based on process temperature, so comparable NOx emission limits may be more or less stringent compared to existing South Coast AQMD Rule 1147 depending on the process and temperature. However

² August 6, 2021 South Coast AQMD Governing Board Meeting Agenda Item 28 – Determine That Proposed Rule 1147.1 – NOx Reductions from Aggregate Dryers, Is Exempt from CEQA and Adopt Rule 1147.1: http://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2021/2021-Aug6-028.pdf?sfvrsn=6

South Coast AQMD Rule 1147 does not contain any requirements for CO which makes SJVAPCD Rule 4309 more stringent with regard to CO.

Monitoring requirements of Rule 4309 include monthly emissions monitoring or installation of CEMS with source testing required every 24 months. SJVAPCD has more stringent MRR requirements when compared to existing South Coast AQMD Rule 1147. Rule 4309 requires source testing at the frequency of every 24 months and periodic emissions monitoring every month as compared to the Rule 1147 requirement of one source test at the time of compliance determination with no additional requirements for periodic emissions monitoring.

Ventura County Air Pollution Control District (VCAPCD) Rule 74.34

VCAPCD Rule 74.34 –NOx Reductions from Miscellaneous Sources establishes a NOx emission limit of between 30 to 80 ppm and CO limit of 400 ppm both corrected to 3% oxygen for any natural gas fired combustion unit where the unit total heat input is greater than or equal to 5 MMBtu/hr. Similar to South Coast AQMD Rule 1147, VCAPCD Rule 74.34 separates emission limits for oven, dryer, heater, incinerator, furnaces and duct burners depending on process temperature of either above or below 1,200°F. oven, dryer, heater, incinerator, furnaces and duct burners operating below 1,200°F are limited to 30 ppm NOx while those operating above or equal to 1,200°F are limited to 60 ppm NOx. VCAPCD also contains separate limits for kilns of 80 ppm as well as separate limits for paper product manufacturing and aggregate processes limited to 40 ppm NOx with a CO limit of 400 ppm across all applicable equipment. VCAPCD Rule 74.34 NOx limits are generally equivalent to existing Rule 1147 requirements except for the Kiln category which is less stringent than Rule 1147. VCAPCD Rule 74.34 is more stringent for CO for all equipment categories.

Monitoring requirements of Rule 74.34 includes a NOx and CO source test every 48 months with annual screening of NOx and CO within 30 days of the anniversary date of the previous source test. VCAPCD Rule 74.34 has more stringent MRR requirements when compared to South Coast AQMD Rule 1147. Rule 74.34 requires source testing at the frequency of every 48 months and annual screening of NOx and CO within 30 days of the anniversary date of the previous source test when compared to the Rule 1147 requirement of one source test at the time of compliance determination with no requirements for periodic emissions monitoring.

Assessment of Pollution Control Technologies

<u>Ultra-Low/Low NOx Burners Systems</u>

For gaseous fuels, thermal NOx is generally the largest contributor of NOx emissions. High flame temperatures trigger the disassociation of nitrogen molecules from combustion air and a chain reaction with oxygen follows to form oxides of nitrogen. Factors that minimize the formation of thermal NOx include reduced flame temperature, shortened residence time, and an increased fuel to air ratio. To reduce NOx emissions, combustion parameters can be optimized, control techniques can be applied downstream of the combustion zone, or a combination of the two approaches can be utilized. Common types of combustion modification include lowered flame temperature; reduced residence time at high combustion temperature; and reduced oxygen concentration in the high temperature zone.

There are a variety of configurations and types of burners for ultra-low NOx burner (ULNB) systems. Often, fuel and air are pre-mixed prior to combustion. This results in a lower and more uniform flame temperature. Some premix burners also use staged combustion with a fuel rich zone to start combustion and stabilize the flame and a fuel lean zone to complete combustion and reduce the peak flame temperature. These burners can also be designed to spread flames over a larger area

to reduce hot spots and lower NOx emissions. Radiant premix burners with ceramic, sintered metal or metal fiber heads spread the flame and produce more radiant heat. When a burner produces more radiant heat, it results in less heat escaping through the exhaust gases.

Most premix burners require the aid of a blower to mix the fuel with air before combustion takes place (primary air). A commonly used application in combination with these burners is flue gas recirculation (FGR). FGR recycles a portion of the exhaust stream back into the burner. Increasing the amount of primary air and/or use of FGR can reduce flame temperature, but it also reduces the temperature of combustion gases through dilution and can reduce efficiency. To maintain efficiency a manufacturer may have to add surface area to the heat exchanger. Increasing the primary air may also destabilize the flame. Ultra-low NOx burners require sophisticated controls to maintain emissions levels and efficiency, to stabilize the flame, and to maintain a turndown ratio that is enough for the demands of the operation.

Selective Catalytic Reduction (SCR) Systems

SCR is a post-combustion control technology that is a commercially available and commonly employed to control NOx emissions from wide range of NOx sources. It is considered to be BARCT, if cost-effective, for controlling NOx emissions from existing combustion sources. A typical SCR system design consists of an ammonia storage tank, ammonia vaporization and injection equipment, a booster fan for the flue gas exhaust, an SCR reactor with catalyst, an exhaust stack plus ancillary electronic instrumentation and operations control equipment. The technology uses a precious metal catalyst that selectively reduces NOx in the presence of ammonia. Ammonia is injected in the flue gas stream where it reacts with NOx and oxygen in the presence of the catalyst to produce nitrogen and water vapor.

For conventional SCRs, the minimum temperature for NOx reduction is 500 degrees F and the maximum operating temperature for the catalyst is 800 degrees F. Depending on the application, the type of fuel combusted, and the presence of sulfur compounds in the exhaust gas, the optimum flue gas temperature of an SCR system is case-by-case and will range between 550 degrees F and 750 degrees F to limit the occurrence of several undesirable side reactions at certain conditions. Depending on the type of combustion equipment utilizing SCR technology, the typical amount of ammonia slip can vary between less than 5 ppm when the catalyst is fresh and 20 ppm at the end of the catalyst life. However, newly permitted SCR systems have an ammonia slip limit of 5 ppm. In addition to the conventional SCR catalysts, there are high temperature SCR catalysts that can withstand temperatures up to 1200 degrees F and low temperature SCR catalysts that can operate below 500 degrees F.

For applications where exhaust temperatures are below the minimum reaction temperature, additional heat in the form of duct burners would need to be installed for proper emission reduction. Doing so would increase mass emissions at the inlet of the SCR and lower total emissions reduction potential of the SCR system.

Vendor Discussions

The following four vendors and manufacturers (in alphabetical order) were contacted requesting information regarding ultra-low/low NOx burners and SCR systems. All four provided technical input and provided cost estimates that has been included in the discussion below and the cost-effectiveness analysis in this staff report.

- Fives North American
- Honeywell Thermal Solutions

- Nationwide Boiler Incorporated
- Tri-Mer Corporation

Ultra-Low/Low NOx Burners Systems

The current NOx limit for categories for Rule 1147, is between 30 to 60 ppm corrected to 3% O₂. Based on the information obtained through vendor discussions, lower NOx emissions with ultra-low/Low NOx burners are feasible for burner replacements and new installations. Based on discussions with one burner manufacturer, achieving 20 ppm NOx ultra-low NOx burner without SCR is feasible in certain applications. Observed source test data also suggests existing equipment and burner technology can feasibly achieve between 20 to 30 ppm NOx and 1,000 ppm CO in existing applications.

Selective Catalytic Reduction (SCR) Systems

Existing Rule 1147 NOx limits can be feasibly achieved with burner only control technologies. The NOx limit for new SCR applications within the South Coast AQMD is 5 ppm with accompanying requirement for 5 ppm ammonia slip. SCR systems are scalable and generally utilized for units greater than 10 MMBtu/hr. From discussions with SCR vendors, system installations PAR 1147 is feasible with some limitations. One limitation for SCR applications in PAR 1147 applicable equipment is the low exhaust temperature for aggregate drying operations. Due to SCR systems requiring minimum exhaust temperatures of about 500 Degrees F, many applications subject to PAR 1147 would require installations of additional heat input devices such as duct burners to meet a minimum exhaust temperature for proper emission reduction reaction to occur. Installation of duct burners would increase NOx emissions at the inlet of the SCR and decrease total reduction potential of the system. Vendor quotes also indicated that inclusion of duct burners would also increase the overall cost of the control system.

Initial BARCT Recommendations and Additional Considerations

Based on the review of the types of pollution control technologies available to reduce NOx and CO emissions for equipment subject to PAR 1147, burner control technologies are still the main technologies that can achieve the NOx concentration limits specified in these rules.³

Natural gas fired units comprise most of the equipment subject to PAR 1147; however, certain equipment uses liquid fuels such as existing distillate fueled turbines. Summary of initial staff recommendations based on feasibility is shown in Table 2-1.

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³ Modifications with calculated increases of one pound or more NOx would be subject to BACT

Table 2-1 -Initial BARCT Recommendations for Proposed Amended Rule 1147

Equipment Category	1 able 2-1 -Initial BARC I	xecommend	iations ioi	r Proposea Amenaea	Rule 1147
Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank ≥1,200°F 60 ppm 30 ppmv (0.036 lb/mmBtu) Tunnel Kilns and Beehive Kilns <1,200°F 30 ppm 30 ppmv (0.073 lb/mmBtu) Afterburner, Degassing Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator All 60 ppm 20 ppmv (0.073 lb/mmBtu) Remediation Unit All 60 ppm 60 ppmv (0.073 lb/mmBtu) Evaporator, Fryer, Heated Process Tank, and Parts Washer All 60 ppm 60 ppmv (0.073 lb/mmBtu) Burn-off Furnace, Burnout Oven, Incinerator, Crematory with or without Integrated Afterburner All 30 ppm 30 ppmv (0.036 lb/mmBtu) Tenter Frame, Fabric or Carpet Dryer All 30 ppm 20 ppmv (0.024 lb/mmBtu) Other Unit and Process <1,200°F 30 ppm 30 ppmv (0.036 lb/mmBtu) Chillers All 30 ppm 20 ppmv (0.024 lb/mmBtu) Micro-Turbines² (In-Use Distillate Fuel) All N/A 9 ppmv (0.033 lb/mmBtu) Micro-Turbines² (In-Use Distillate Fuel) All 40 ppm 77 ppmv (0.285 lb/mmBtu) Rotary Dryers All 30 ppm 30 ppmv (0.036 lb/mmBtu) All Liquid Euel-Fired Uni	Equipment Category			Proposed NOx Limit ¹	Proposed CO Limit ¹
Heated Storage Tank ≥1,200°F 30 ppm 30 ppmv (0.036 lb/mmBtu) Tunnel Kilns and Beehive Kilns ≥1,200°F 80 ppm 60 ppmv (0.073 lb/mmBtu) Afterburner, Degassing Unit, Thermal Oxidizer or Vapor Incinerator Remediation Unit All 60 ppm 60 ppmv (0.073 lb/mmBtu) Evaporator, Fryer, Heated Process Tank, and Parts Washer Burn-off Furnace, Burnout Oven, Incinerator, Crematory with or without Integrated Afterburner Tenter Frame, Fabric or Carpet Dryer All 30 ppm 30 ppmv (0.036 lb/mmBtu) 1,000 ppmv ,000 ppmv 1,000 ppmv 1,000 ppmv 1,000 ppmv 1,000 ppmv 1,000 ppmv 1,000 ppmv 1,000 ppmv 1,000 p		<1,200°F	30 ppm	20 ppmv (0.024 lb/mmBtu)	
Tunnel Kilns and Beehive Kilns 21,200°F 60 ppm 60 ppmv (0.073 lb/mmBtu) Afterburner, Degassing Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator All 60 ppm 20 ppmv (0.024 lb/mmBtu) Evaporator, Fryer, Heated Process Tank, and Parts Washer Burn-off Furnace, Burnout Oven, Incinerator, Crematory with or without Integrated Afterburner Tenter Frame, Fabric or Carpet Dryer All 00 ppm 30 ppmv (0.036 lb/mmBtu) 1,000 ppmv		≥1,200°F	60 ppm	30 ppmv (0.036 lb/mmBtu)	
Afterburner, Degassing Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator All 60 ppm 20 ppmv (0.024 lb/mmBtu) Evaporator, Fryer, Heated Process Tank, and Parts Washer Burn-off Furnace, Burnout Oven, Incinerator, Crematory with or without Integrated Afterburner Tenter Frame, Fabric or Carpet Dryer Other Unit and Process All 30 ppm 30 ppmv (0.036 lb/mmBtu) Temperature All 30 ppm 20 ppmv (0.036 lb/mmBtu) 1,000 ppmv	Town of Kilon and Banking Kilon	<1,200°F	30 ppm	30 ppmv (0.036 lb/mmBtu)	
Oxidizer, Catalytic Oxidizer or Vapor Incinerator	Tunnel Klins and Beenive Klins	≥1,200°F	60 ppm	60 ppmv (0.073 lb/mmBtu)	
Evaporator, Fryer, Heated Process Tank, and Parts Washer Burn-off Furnace, Burnout Oven, Incinerator, Crematory with or without Integrated Afterburner Tenter Frame, Fabric or Carpet Dryer Other Unit and Process Temperature All 30 ppm 20 ppmv (0.036 lb/mmBtu) 30 ppm 30 ppmv (0.036 lb/mmBtu) 1,000 ppmv 1,000	Oxidizer, Catalytic Oxidizer or Vapor	All	60 ppm	20 ppmv (0.024 lb/mmBtu)	
Tank, and Parts Washer Burn-off Furnace, Burnout Oven, Incinerator, Crematory with or without Integrated Afterburner Tenter Frame, Fabric or Carpet Dryer All 30 ppm 20 ppmv (0.024 lb/mmBtu) Other Unit and Process ←1,200°F 30 ppm 30 ppmv (0.036 lb/mmBtu) Temperature ○1,200°F 60 ppm 60 ppmv (0.073 lb/mmBtu) Chillers All 30 ppm 20 ppmv (0.024 lb/mmBtu) Micro-Turbines² (All Other) Micro-Turbines² (All Other) All 40 ppm 77 ppmv (0.285 lb/mmBtu) Rotary Dryers All 30 ppm 30 ppmv (0.036 lb/mmBtu) All 30 ppm 30 ppmv (0.036 lb/mmBtu) All 30 ppm 30 ppmv (0.036 lb/mmBtu) All Jiquid Fuel-Fired Units	Remediation Unit	All	60 ppm	60 ppmv (0.073 lb/mmBtu)	
Incinerator, Crematory with or without Integrated Afterburner Tenter Frame, Fabric or Carpet Dryer All 30 ppm 20 ppmv (0.024 lb/mmBtu) Other Unit and Process	The state of the s	All	60 ppm	60 ppmv (0.073 lb/mmBtu)	
Other Unit and Process <1,200°F	Incinerator, Crematory with or without	All	60 ppm	30 ppmv (0.036 lb/mmBtu)	1,000 ppmv
Temperature ≥1,200°F 60 ppm 60 ppmv (0.073 lb/mmBtu) Chillers All 30 ppm 20 ppmv (0.024 lb/mmBtu) Micro-Turbines² (All Other) All N/A 9 ppmv (0.033 lb/mmBtu) Micro-Turbines² (In-Use Distillate Fuel) All 40 ppm 77 ppmv (0.285 lb/mmBtu) Rotary Dryers All 30 ppm 30 ppmv (0.036 lb/mmBtu) Auto-Claves All 30 ppm 30 ppmv (0.036 lb/mmBtu) All Liquid Fuel-Fired Units <1,200°F	Tenter Frame, Fabric or Carpet Dryer	All	30 ppm	20 ppmv (0.024 lb/mmBtu)	
Chillers All 30 ppm 20 ppmv (0.024 lb/mmBtu) Micro-Turbines² (All Other) All N/A 9 ppmv (0.033 lb/mmBtu) Micro-Turbines² (In-Use Distillate Fuel) All 40 ppm 77 ppmv (0.285 lb/mmBtu) Rotary Dryers All 30 ppm 30 ppmv (0.036 lb/mmBtu) Auto-Claves All 30 ppm 30 ppmv (0.036 lb/mmBtu) All Liquid Fuel-Fired Units <1,200°F	Other Unit and Process	<1,200°F	30 ppm	30 ppmv (0.036 lb/mmBtu)	
Micro-Turbines ² (All Other) All N/A 9 ppmv (0.033 lb/mmBtu) Micro-Turbines ² (In-Use Distillate Fuel) Rotary Dryers All 30 ppm 30 ppmv (0.036 lb/mmBtu) Auto-Claves All 30 ppm 30 ppmv (0.036 lb/mmBtu) 40 ppm 40 ppmv (0.036 lb/mmBtu) 40 ppmv (0.036 lb/mmBtu)	Temperature	≥1,200°F	60 ppm	60 ppmv (0.073 lb/mmBtu)	
(All Other) Micro-Turbines² (In-Use Distillate Fuel) Rotary Dryers All 40 ppm 77 ppmv (0.285 lb/mmBtu) 77 ppmv (0.285 lb/mmBtu) All 30 ppm 30 ppmv (0.036 lb/mmBtu) All All Jiguid Fuel-Fired Units	Chillers	All	30 ppm	20 ppmv (0.024 lb/mmBtu)	
(In-Use Distillate Fuel) Rotary Dryers All 30 ppm 30 ppmv (0.036 lb/mmBtu) Auto-Claves All 30 ppm 30 ppmv (0.036 lb/mmBtu) 40 ppm 40 ppmv (0.053 lb/mmBtu) 40 ppmv (0.053 lb/mmBtu)		All	N/A	9 ppmv (0.033 lb/mmBtu)	
Auto-Claves All 30 ppm 30 ppmv (0.036 lb/mmBtu) <1,200°F 40 ppm 40 ppmv (0.053 lb/mmBtu)		All	40 ppm	77 ppmv (0.285 lb/mmBtu)	
All Liquid Fuel-Fired Units <1,200°F 40 ppm 40 ppmv (0.053 lb/mmBtu)	Rotary Dryers	All	30 ppm	30 ppmv (0.036 lb/mmBtu)	
All Liquid Fuel-Fired Units	Auto-Claves	All	30 ppm	30 ppmv (0.036 lb/mmBtu)	
All Liquid Fuei-Filed Offits ≥1,200°F 60 ppm 60 ppm (0.073 lb/mmBtu)	All Liquid Eugl Fired Units	<1,200°F	40 ppm	40 ppmv (0.053 lb/mmBtu)	
	All Liquid Fuel-Filed Offits	≥1,200°F	60 ppm	60 ppmv (0.073 lb/mmBtu)	

¹ Emissions limits are corrected to 3% O₂, unless otherwise specified

Cost-Effectiveness and Incremental Cost-Effectiveness Analysis

Cost-Effectiveness Methodologies

The South Coast AQMD routinely conducts cost-effective analyses regarding proposed rules and regulations that result in the reduction of criteria pollutants (NOx, SOx, VOC, PM, and CO). The analysis is used as a measure of relative effectiveness of a proposal. It is generally used to compare and rank rules, control measures, or alternative means of emissions control relating to the cost of purchasing, installing, and operating control equipment to achieve the projected emission reductions. The major inputs in a cost-effectiveness analysis include capital and installation costs, operating and maintenance costs, emission reductions, discount rate, and equipment life. There are two potential methods to calculate cost-effectiveness for emission reductions, discounted cash flow method and levelized cash flow method. The cost-effectiveness calculations were completed using the discounted cash flow method based on the discussions and comparisons of the two methods below.

Discounted Cash Flow (DCF)

The DCF method converts all costs, including initial capital investments and costs expected in the present and all future years of equipment life, to a present value. Conceptually, it is as if calculating

² Emissions limits are corrected to 15% O₂

the amount of funds that would be needed at the beginning of the initial year to finance the initial capital investments and to set aside to pay off the annual costs as they occur in the future. The fund that is set aside is assumed to be invested and generates a rate of return at the discount rate chosen. The final cost-effectiveness measure is derived by dividing the present value of total costs by the total emissions reduced over the equipment life. Below is the equation used for calculating cost-effectiveness with DCF as was presented in the 2016 AQMP Socioeconomic Report Appendix 2-B (p. 2-B-3):

$$Cost-effectiveness = \frac{Initial\ Capital\ Investments\ +\ (Annual\ O\&M\ Costs\ \times\ PVF)}{Annual\ Emission\ Reductions\ \times\ Years\ of\ Equipment\ Life}$$

Where:

$$PVF = \frac{(1+r)^{N} - 1}{r * (1+r)^{N}}$$

Where r = real interest rate (discount rate); and N = years of equipment life.

The present-value factor (PVF) converts a constant stream of payments made for N years into its single present-value equivalent.

Levelized Cash Flow (LCF)

The LCF method annualizes the present value of total costs as if all costs, including the initial capital investments, would be paid off in the future with an equal annual installment over the equipment life. What is less clear, however, is how to deal with non-constant emission reductions when using the LCF method. The LCF method is designed to compare the annualized cost with the annual emission reduction that can be potentially achieved by a project; thus implicitly, emission reductions are constant when the LCF method is applied.

$$LCF = \left(\frac{Annualized\ Present\ Value\ of\ Total\ Costs}{Average\ Annual\ Emission\ Reductions}\right)$$

Summary of Cost-Effectiveness and Incremental Cost-Effectiveness Analysis

To assess the cost-effectiveness for the proposed BARCT limits, cost information about the control equipment was obtained from discussions with manufacturers, vendors, and stakeholders. Additional references were made to the installation cost information obtained during the 2018 rulemaking for the Rule 1146 series. Cost extrapolations were further compared to stakeholder provided vendor quotations which showed staff's estimates were generally more conservative than that of stakeholder quotations. Figure 2-12 shows the linear correlations between equipment and installation cost for natural gas fired units based on size (MMBtu/hr) for burner replacements.

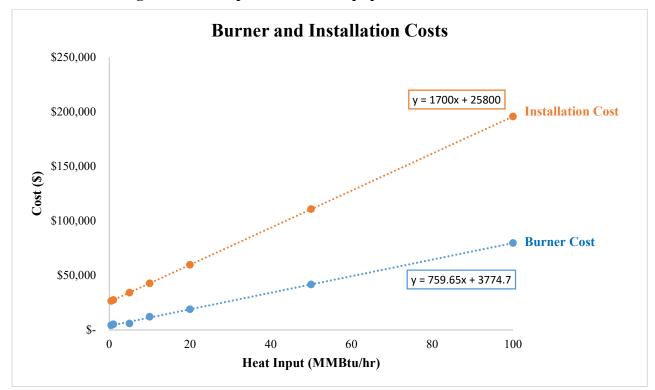


Figure 2-12 – Capital Costs for Equipment and Installation

Burner costs depended on the equipment size. The budget prices obtained for burner retrofits, which indicate there would be no major changes to existing units such as major structural or foundation changes. Additionally, the useful life for the control equipment was assumed to be 15 years for equipment burners. Staff utilized a bottom-up approach which evaluated each equipment subject to PAR 1147 and conducted cost-effectiveness analysis on a per equipment basis. Baseline emissions for each equipment were calculated using latest usage information from facility Annual Emissions Reporting (AER), if available. For equipment without AER information, staff used an operating capacity assumption of 80% based off the average industrial production and capacity utilization released by the United States Federal Reserve printed on February 7, 2011⁴. In addition to the average cost for the equipment and installation, the permitting fees are included as part of the capital cost in the cost-effectiveness analysis. The most current fee rates in Rule 301 -Permitting and Associated Fees were used to estimate the permitting cost. Table 2-2 shows average cost-effectiveness for each equipment category subject to PAR 1147. In general, all average cost effectiveness for each equipment category is calculated to be below \$50,000/ton with some categories identified to have a cost effectiveness of "no additional cost" or \$0/ton due to BARCT matching existing limits for those equipment categories such as chillers, turbines, and autoclaves.

⁴Federal Reserve Statistical Release G.17, Industrial Production and Capacity Utilization http://www.federalreserve.gov/releases/g17/cap_notes.htm as printed on February 7, 2011.

Table 2-2 – Cost Effectiveness Estimate for PAR 1147 Categories

Equipment Category	Operating Temperature	Average Cost-Effectiveness
Oven, Dehydrator, Dryer, Heater, Kiln,	<1,200°F	\$12,700/Ton
Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank	≥1,200°F	\$5,600/Ton
Tunnel Kilns and Beehive Kilns	<1,200°F	\$49,200/Ton
Turner Kins and Deenive Kins	≥1,200°F	No Additional Cost
Afterburner, Degassing Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator	All	\$12,300/Ton
Remediation Unit	All	No Additional Cost
Evaporator, Fryer, Heated Process Tank, and Parts Washer	All	\$31,300/Ton
Burn-off Furnace, Burnout Oven, Incinerator, Crematory with or without Integrated Afterburner	All	\$25,800/Ton
Tenter Frame, Fabric or Carpet Dryer	All	\$23,600/Ton
Other Unit and Process	<1,200°F	No Additional Cost
Temperature	≥1,200°F	
Chillers	All	No Additional Costs
Micro-Turbines (All Other)	All	No Additional Costs
Micro-Turbines (In-Use Distillate Fuel)	All	No Additional Costs
Rotary Dryers	All	No Additional Costs
Auto-Claves	All	\$49,000
All Liquid Eugl Fired Units	<1,200°F	No Additional Costs
All Liquid Fuel-Fired Units	≥1,200°F	No Additional Costs

Incremental cost-effectiveness evaluates and compares two or more control options available for emission reductions. For equipment subject to PAR 1147, the two identified pollution control technologies are ultra-low NOx burners and selective catalytic reduction (SCR) systems. The general size of applicable equipment in PAR 1147 are below 5 MMBtu/hr and SCR applications are more suited for larger applications that are greater than 10 MMBtu/hr. For the larger equipment impacted by PAR 1147, the processes are generally tunnel dryers with low exhaust temperature (between 300°F and 400°F). SCR systems would require additions of external heat sources, such as duct burners, to bring exhaust temperatures up to temperatures where reduction reactions can efficiently occur (~500°F). External combustion sources of SCR applications increase system cost and lower overall emission reduction potential when compared to SCR applications that do not require external heat input. The average cost-effectiveness for SCR systems including duct burners for all PAR 1147 equipment categories were calculated to be >\$50,000/ton. As such post-

combustion controls were found to be not cost-effective and incremental cost-effectiveness between combustion control and post-combustion control was not calculated.

Proposed BARCT Emission Limit

Staff evaluated applicable permitted equipment in the RECLAIM and non-RECLAIM universe to assess and develop the proposed NOx BARCT limit for PAR 1147. The proposal outlined in Table 2-3 was developed by considering data collected from vendor discussions as well as the analysis of source test results and cost-effectiveness. Separate compliance schedules will be developed for applicable equipment with South Coast AQMD permits that limit emissions less than or equal to existing limits under Rule 1147 and for equipment without South Coast AQMD permits that limit emissions less than or equal to existing Rule 1147 limits shown in Table 2-4. Permitted equipment with a permit limit of daily NOx emissions below one pound per day will be exempt from the limits of PAR 1147.

Table 2-3 – Summary of Proposed Amended Rule 1147

Table 2-5 – Summary of Proposed Amended Rule 1147					
Equipment Category	Operating Temperature	Current Rule Limit	Proposed NOx Limit ¹	Proposed CO Limit ¹	
Oven, Dehydrator, Dryer, Heater, Kiln,	<1,200°F	30 ppm	20 ppmv (0.024 lb/mmBtu)		
Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank	≥1,200°F	60 ppm	30 ppmv (0.036 lb/mmBtu)		
Tunnel Kilns and Beehive Kilns	<1,200°F	30 ppm	30 ppmv (0.036 lb/mmBtu)		
Turiner Kiiris and beenive Kiiris	≥1,200°F	60 ppm	60 ppmv (0.073 lb/mmBtu)		
Afterburner, Degassing Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator	All	60 ppm	20 ppmv (0.024 lb/mmBtu)		
Remediation Unit	All	60 ppm	60 ppmv (0.073 lb/mmBtu)		
Evaporator, Fryer, Heated Process Tank, and Parts Washer	All	60 ppm	60 ppmv (0.073 lb/mmBtu)		
Burn-off Furnace, Burnout Oven, Incinerator, Crematory with or without Integrated Afterburner	All	60 ppm	30 ppmv (0.036 lb/mmBtu)	1,000 ppmv	
Tenter Frame, Fabric or Carpet Dryer	All	30 ppm	20 ppmv (0.024 lb/mmBtu)		
Other Unit and Process	<1,200°F	30 ppm	30 ppmv (0.036 lb/mmBtu)		
Temperature	≥1,200°F	60 ppm	60 ppmv (0.073 lb/mmBtu)		
Chillers	All	30 ppm	20 ppmv (0.024 lb/mmBtu)		
Micro-Turbines ² (All Other)	All	N/A	9 ppmv (0.033 lb/mmBtu)		
Micro-Turbines ² (In-Use Distillate Fuel)	All	40 ppm	77 ppmv (0.285 lb/mmBtu)		
Rotary Dryers	All	30 ppm	30 ppmv (0.036 lb/mmBtu)		
Auto-Claves	All	30 ppm	30 ppmv (0.036 lb/mmBtu)		
All Liquid Eugl Eirod Units	<1,200°F	40 ppm	40 ppmv (0.053 lb/mmBtu)		
All Liquid Fuel-Fired Units	≥1,200°F	60 ppm	60 ppmv (0.073 lb/mmBtu)		

¹ Emissions limits are corrected to 3% O₂, unless otherwise specified

 $^{^2}$ Emissions limits are corrected to 15% O_2

Table 2-4 – Summary of Existing Limits in Rule 1147

Equipment Category(ies)	NOx Emission Limit PPM @ 3% O ₂ , dry or Pound/mmBtu heat input				
	Process Temperature				
Gaseous Fuel-Fired Equipment	≤ 800° F	> 800 ° F and < 1200° F	≥ 1200 ° F		
Asphalt Manufacturing Operation	40 ppm	40 ppm			
Afterburner, Degassing Unit, Remediation Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator ¹	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu		
Burn-off Furnace, Burnout Oven, Incinerator or Crematory with or without Integrated Afterburner	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu		
Evaporator, Fryer, Heated Process Tank, or Parts Washer	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	6		
Metal Heat Treating, Metal Melting Furnace, Metal Pot, or Tar Pot	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu	60 ppm or 0.073 lb/mmBtu		
Oven, Dehydrator, Dryer, Heater, Kiln, Calciner, Cooker, Roaster, Furnace, or Heated Storage Tank	30 ppm or 0.036 lb/mmBtu	30 ppm or 0.036 lb/mmBtu	60 ppm or 0.073 lb/mmBtu		
Make-Up Air Heater or other Air Heater located outside of building with temperature controlled zone inside building	30 ppm or 0.036 lb/mmBtu	30 ppm or 0.036 lb/mmBtu			
Tenter Frame or Fabric or Carpet Dryer	30 ppm or 0.036 lb/mmBtu	5 1111	i d		
Other Unit or Process Temperature	30 ppm or 0.036 lb/mmBtu	30 ppm or 0.036 lb/mmBtu	60 ppm or 0.073 lb/mmBtu		
Liquid Fuel-Fired Equipment	≤ 800° F	> 800 ° F and < 1200° F	≥ 1200 ° F		
All liquid fuel-fired Units	40 ppm or 0.053 lb/mmBtu	40 ppm or 0.053 lb/mmBtu	60 ppm or 0.080 lb/mmBtu		

Emission limit applies to burners in units fueled by 100% natural gas that are used to incinerate air toxics, VOCs, or other vapors; or to heat a unit. The emission limit applies solely when burning 100% fuel and not when the burner is incinerating air toxics, VOCs, or other vapors. The unit shall be tested or certified to meet the emission limit while fueled with natural gas.

As facilities transition from RECLAIM into PAR 1147, interim limits would be put in place until required to meet the proposed NOx and CO emission limits. Non-RECLAIM facilities will be subject to limits of existing Rule 1147 limits while RECLAIM facilities without existing permit limits on NOx will be subject to a transitional limit of 102 ppm NOx based on the existing RECLAIM default emission factor of 130 pounds NOx per million standard cubic feet natural gas (lbs/MMSCF). Equipment with emissions exceeding the current applicable Rule 1147 limit would be required to submit permit applications to meet the proposed limits when the burner reaches 12 years of age or by July 1, 2023, whichever is later. Equipment at or below the current Rule 1147 limit is required to meet proposed limits when the burner reaches 32 years of age or July 1, 2023, whichever is later. Applicable equipment must meet proposed limits upon burner replacement.

CHAPTER 3: SUMMARY OF PROPOSALS

Introduction Proposed Amended Rule 1147

Introduction

The primary objective of PAR 1147 is to update NOx and CO emission limits that represent BARCT requirements for applicable equipment and to remove the exclusion of RECLAIM facilities. Proposed Amended Rule 1147 also proposes to include periodic monitoring requirements that are currently not included in Rule 1147. Key provisions included in PAR 1147 are discussed below.

Proposed Amended Rule 1147 Rule 1147 Purpose [Subdivision(a)]

The purpose of this rule is to reduce emissions of nitrogen oxide (NOx) and limiting carbon monoxide (CO) emissions from gaseous and liquid fuel-fired combustion equipment as defined in this rule.

Rule 1147 Applicability [Subdivision(b)]

PAR 1147 applies to manufacturers, distributors, retailers, installers, owners, and operators of combustion equipment with NOx emissions that require a South Coast AQMD permit, and when other South Coast AQMD Regulation XI rules are not applicable to the Unit. Equipment that falls under specialized exemption language of an applicable South Coast AQMD Regulation XI rules is not being regulated under PAR 1147. Equipment with a total heat input of below 325,000 Btu/hr or Units demonstrating less than one pound per day of NOx as outlined in subdivision (g) of this rule would not be subject to the NOx and CO emission limit requirements of PAR 1147.

Rule 1147 Definitions [Subdivision(c)]

The following are key definitions for Proposed Amended Rule 1147 to distinguish the new equipment categories for PAR 1147 as well as additional definitions included to guide RECLAIM facilities into PAR 1147. For all definitions, refer to the draft of PAR 1147 released with this staff report.

AUTOCLAVE in paragraph (c)(1), which means:

"a device that uses both heat and pressure (over 15 pounds per square inch) to process materials, employing a heating method that includes an internal heat-transfer coil and an external combustion system which fires gaseous or liquid fuels through the coil.

BEEHIVE KILN in paragraph (c)(2), which means:

"a gaseous fuel fired equipment which transfers heat from combusted fuel to air contained in a circular brick Unit, with a domed roof and downdraft exhaust, used to heat ceramic materials at process temperatures of greater than or equal to 1,200°F."

CHILLER in paragraph (c)(4), which means:

"any natural gas fired unit that captures and uses waste heat to provide cold water for air conditioning and other process requirements."

CONTINUOUS EMISSIONS MONITORING SYSTEM in paragraph (c)(9), which means:

"the total combined equipment and systems required to continuously determine air contaminants and diluent gas concentrations and/or mass emission rate of a source effluent (as applicable). The CEMS consists of three major subsystems: sampling interface, analyzer and data acquisition system."

DECOMMISSION in paragraph (c)(10), which means:

"to permanently shut down a Unit by removing the fuel, air, electricity, or other utility source connected to it and deactivate the Unit's applicable South Coast AQMD permit."

FORMER RECLAIM FACILITY in paragraph (c)(12), which means:

"a facility, or any of its successors, that was in the Regional Clean Air Incentives Market program as of January 5, 2018, as established in Regulation XX, that has received a final determination notification, and is no longer in the RECLAIM program."

IN-USE UNIT in Paragraph (c)(17), which means:

"a UNIT that was demonstrated to the Executive Officer to be in operation at the current location prior to [Date of Adoption]. A Unit which has been issued a South Coast AQMD permit prior to [Date of Adoption] but has not yet been installed is considered an In-Use Unit.

MINIMUM OPERATING TEMPERATURE in Paragraph (c)(19), which means:

"the minimum operating temperature specified by the manufacturer, unless otherwise defined in the South Coast AQMD permit."

NEW UNIT in paragraph (c)(20), which means:

"a Unit that is installed, relocated, or replaced after [Date of Adoption]"

NON-RECLAIM FACILITY in paragraph (c)(21), which means:

"a facility, or any of its successors, that was not in the Regional Clean Air Incentives Market program as of January 5, 2018, as established in Regulation XX."

RECLAIM FACILITY in paragraph (c)(27), which means:

"a facility, or any of its successors, that was in the Regional Clean Air Incentives Market program as of January 5, 2018, as established in Regulation XX."

SHUTDOWN in paragraph (c)(30), which means:

"as defined in Rule 429 – Startup and Shutdown Exemption Provisions for Oxides of Nitrogen."

STARTUP in paragraph (c)(31), which means:

"as defined in Rule 429 – Startup and Shutdown Exemption Provisions for Oxides of Nitrogen."

TUNNEL KILN in paragraph (c)(33), which means:

"any gaseous fired equipment which transfers heat from combusted fuel to air contained in the unit with exhaust moisture content above 30 percent using a continuous moving conveyor or vehicle."

TURBINE in paragraph (c)(34), which means:

"any gas turbine that is gas and/or liquid fueled with or without power augmentation. This gas turbine is either attached to a foundation at a facility or is portable equipment that will reside at the same facility for more than 12 consecutive months. Two or more gas turbines powering one shaft shall be treated as one gas turbine."

UNIT in paragraph (c)(35), which means:

"for the purposes of this rule, any combustion equipment with NOx emissions requiring a South Coast AQMD permit and not specifically required to comply with requirements of other South Coast AQMD Regulation XI combustion rules. Basic equipment with integrated control is considered a single Unit."

For the purposes of PAR 1147, equipment configurations with multiple burners shall be considered a single unit. Total heat input and gas usage for Units with multiple burners shall be the sum of all burners of the Unit.

South Coast AQMD permits issued prior to rule adoption for In-Use Units must continue to be active, and if the application is cancelled or becomes expired and is not renewable, then the unit would no longer qualify as an In-Use Unit if a subsequent permit application were submitted.

Rule 1147 Requirements [Subdivision(d)]

Paragraph (d)(1) – Interim Limit for RECLAIM and Non-RECLAIM Facilities

Units at non-RECLAIM facilities are already subject to existing limits or the implementation schedule of existing Rule 1147. As of the date of amendment for PAR 1147, most equipment subject to the rule would have already been required to meet applicable Rule 1147 limits, unless specifically afforded an alternative compliance schedule. PAR 1147 will allow non-RECLAIM facilities to continue to meet compliance limits of existing Rule 1147 until the unit is required to meet the new, lower limits of PAR 1147 in accordance with the implementation schedule in subdivision (e).

As RECLAIM facilities transition out of RECLAIM and to the command-and-control regulatory program, an interim NOx limit is needed until the facility achieves the proposed NOx BARCT limit. This is done to ensure that there is an enforceable regulatory requirement that is representative of federal Reasonable Available Control Technology (RACT) levels. In addition, ensure RECLAIM sources with compliance dates after a facility becomes a former RECLAIM facility continue to meet RACT in the interim on an aggregate demonstration basis, units at RECLAIM facilities that do not have an existing NOx concentration limit on their permit will be subject to a transitional limit of 102 ppmv corrected to 3% oxygen, dry, NOx which is the equivalent of the RECLAIM default emission factor of 130 lb NOx/MMSCF natural gas.

Units in existing RECLAIM facilities are categorized as Major, Large, or Process sources. Major sources are monitored with CEMS while large sources have NOx concentration limits with periodic source testing requirements. Process sources are split between reporting until the RECLAIM default emission factor of 130 lb NOx/MMSCF without periodic source testing requirements or a NOx concentration limit with periodic source testing requirements. RECLAIM with existing NOx limits below 102 ppm that has not yet met BARCT will retain existing limits upon becoming a former RECLAIM facility until required to meet emission limits of Table 1 or Table 2 in PAR 1147 as outlined in paragraphs (d)(2) or (d)(3) depending on the NOx limit. Units that are subject to a concentration limit above 102 ppmv that has not met BARCT upon becoming a former RECLAIM facility will need to accept a permit limit of 102 ppmv or lower upon becoming a former RECLAIM facility until required to meet emission limits of Table 1 or Table 2 in PAR 1147 as outlined in paragraph (d)(2).

The transitional limit described in this paragraph serves as an enforceable regulatory requirement representative of the federal RACT for RECLAIM facilities once becoming former RECLAIM facilities, and the limits are considered temporary in the scenario that RECLAIM facilities become former RECLAIM facilities prior to meeting BARCT requirements of paragraphs (d)(2) through (d)(6).

Paragraph (d)(2) through (d)(6) – PAR 1147 BARCT Emission Limit

PAR 1147 will establish updated BARCT emission limits for NOx and CO for applicable equipment as shown in PAR 1147 Table 2 (Table 3-2 of this staff report). An owner or operator of a unit subject to PAR 1147 shall not operate the unit in a manner that exceeds the NOx and CO limits of PAR 1147 Table 2 unless the unit has an existing permit condition that complies with the NOx and CO limits of PAR 1147 Table 1 (Table 3-1 of this Staff Report) as of the date of rule amendment. For units without permit conditions that comply with PAR 1147 Table 1 by the date of amendment, the owner or operator may submit a permit application to add a permit condition to the Permit to Operate that requires compliance with the NOx and CO concentration limits in PAR Table 1 by May-June 1, 2022.

Paragraph (d)(2) requires units without a permit limit demonstrating compliance with emission limits of PAR 1147 as demonstrated with a source test pursuant to subdivision (h) to follow compliance schedule to meet limits of PAR 1147 Table 2 outlined in paragraph (e)(1). Paragraph (d)(2) requires units with a permit limit demonstrating compliance with emission limits of PAR 1147 as demonstrated with a source test pursuant to subdivision (h) to follow the extended compliance schedule to meet limits of PAR 1147 Table 2 outlined in paragraph (e)(2).

Table 3-2 – PAR 1147 Table 1 (NOx Emission Limits for In-Use Units)

Equipment Categories	Process	Concentration Li (ppmv corrected to 3% unless otherwise spe	O2, dry
	Temperature	NOx Limit (ppmv)	CO Limit (ppmv)
Gaseou	us Fuel-Fired Equip	ment ²	
Afterburner, Degassing Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator	All	60 ppmv or 0.073 lb/MMBtu	
Remediation Unit	All	60 ppmv or 0.073 lb/MMBtu	
Burn-off Furnace, Burnout Oven, Incinerator or Crematory with or without Integrated Afterburner	All	60 ppmv or 0.073 lb/ MMBtu	
Evaporator, Fryer, Heated Process Tank, or Parts Washer	All	60 ppmv or 0.073 lb/ MMBtu	
Oven, Dehydrator, Dryer, Heater, Kiln, Calciner,	<1,200°F	30 ppmv or 0.036 lb/ MMBtu	1,000 ppmv
Cooker, Roaster, Furnace, or Heated Storage Tank	≥1,200°F	60 ppmv or 0.073 lb/ MMBtu	
Make-Up Air Heater or other Air Heater located outside of building with temperature controlled zone inside building	All	30 ppmv or 0.036 lb/ MMBtu	
Tenter Frame or Fabric or Carpet Dryer	All	30 ppmv or 0.036 lb/ MMBtu	
Od H.'s D. T.	<1,200°F	30 ppmv or 0.036 lb/ MMBtu	
Other Unit or Process Temperature	≥1,200°F	60 ppmv or 0.073 lb/ MMBtu	
Liqui	d Fuel-Fired Equip	nent	
Turbine <0.3 MW³ (In-Use distillate fuel <0.3 MW)	All	77 ppm or 0.285 lb/MMBtu	
	<1,200°F	40 ppm or 0.053 lb/ MMBtu	1,000 ppmv
All liquid fuel-fired Units ³	≥1,200°F	60 ppmv or 0.073 lb/ MMBtu	

- 1. Concentration limit for Tunnel Kiln(s) equipped with certified NOx CEMS is demonstrated pursuant to paragraph (h)(15), concentration limit for all other Unit(s) is demonstrated pursuant to paragraph (h)(1).
- 2. Concentration limit applies to burners in Units fueled by 100% natural gas that are used to incinerate air toxics, VOCs, or other vapors; or to heat a Unit. The concentration limit applies solely when burning 100% gaseous fuel and not when the burner is incinerating air toxics, VOCs, or other vapors. The Unit shall be tested or certified to meet the concentration limit while fueled with natural gas.
- 3. Concentration Limits in ppmv for Turbines are corrected to 15% O₂, dry basis

Table 3-2 – PAR 1147 Table 2 (NOx Emission Limit)

Equipment Categories	Process Temperature	Emission Limitation (ppmv corrected to 3% unless otherwise special control of the	6 O2, dry	
		NOx Limit (ppmv)	CO Limit (ppmv)	
Gaseous Fu	 el-Fired Equipm		41 /	
Afterburner, Degassing Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator	All	20 ppmv or 0.024 lb/MMBtu		
Remediation Unit	All	60 ppmv or 0.073 lb/MMBtu		
Burn-off Furnace, Burnout Oven, Incinerator or Crematory with or without Integrated Afterburner	All	30 ppmv or 0.036 lb/MMBtu		
Evaporator, Fryer, Heated Process Tank, or Parts Washer	All	60 ppmv or 0.073 lb/MMBtu		
Oven, Dehydrator, Dryer, Heater, Kiln, Calciner, Cooker,	<1,200°F	20 ppmv or 0.024 lb/MMBtu		
Roaster, Furnace, or Heated Storage Tank	≥1,200°F	30 ppmv or 0.036 lb/MMBtu		
Make-Up Air Heater or other Air Heater located outside of building with temperature controlled zone inside building	All	30 ppmv or 0.036 lb/MMBtu	1,000 ppmv	
Tenter Frame or Fabric or Carpet Dryer	All	20 ppmv or 0.024 lb/MMBtu		
Autoclave	All	30 ppmv or 0.036 lb/MMBtu		
T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<1,200°F	30 ppmv or 0.036 lb/MMBtu		
Tunnel Kiln and Beehive Kiln	≥1,200°F	60 ppmv or 0.073 lb/MMBtu		
Chiller (Absorption or Adsorption)	All	20 ppm or 0.024 lb/MMBtu		
Turbine <0.3 MW ³	All	9 ppm or 0.033 lb/MMBtu		
Rotary Dryer	All	30 ppmv or 0.036 lb/MMBtu		
Other Unit on Dresses Townsontons	<1,200°F	30 ppmv or 0.036 lb/MMBtu		
Other Unit or Process Temperature	≥1,200°F	60 ppmv or 0.073 lb/MMBtu		
Liquid Fu	Liquid Fuel-Fired Equipment			
All liquid fuel-fired Units ³	<1,200°F	40 ppm or 0.053 lb/MMBtu	1 000	
An iiquid luci-iired Units	≥1,200°F	60 ppmv or 0.073 lb/MMBtu	1,000 ppmv	

^{1.} Concentration limit for Tunnel Kiln(s) equipped with certified NOx CEMS is demonstrated pursuant to paragraph (h)(15), concentration limit for all other Unit(s) is demonstrated pursuant to paragraph (h)(1).

^{2.} Concentration limit applies to burners in Units fueled by 100% natural gas that are used to incinerate air toxics, VOCs, or other vapors; or to heat a Unit. The concentration limit applies solely when burning 100% gaseous fuel and not when

the burner is incinerating air toxics, VOCs, or other vapors. The Unit shall be tested or certified to meet the concentration limit while fueled with natural gas.

3. Concentration Limits in ppmv for Turbines are corrected to 15% O₂, dry basis

Paragraph (d)(7) and (d)(8) – Emissions of Less Than One Pound Per Day

Paragraph (d)(7) of PAR 1147 will provide an alternative compliance pathway for an owner or operator of a Unit with NOx emissions of less than one pound per day in lieu of meeting the NOx and CO emission limits of PAR 1147. The owner or operator must demonstrate that the Unit is emitting less than one pound per day pursuant to subdivision (g) and maintain records pursuant to subdivision (j). An owner or operator of a Unit that is demonstrating compliance with a new or existing permit limit of less than one pound per day may also elect to use this compliance pathway. Units with an existing limit of less than one pound per day are bound to that alternative compliance pathway.

Paragraph (d)(8) provides the pathway into compliance with Rule 1147 for equipment electing to comply with paragraph (d)(7) that fails to continuously demonstrate NOx emissions of less than one pound per day. An owner or operator that fails to demonstrate less than one pound per day pursuant to paragraph (d)(7) shall submit a permit application to meet the emission limits in PAR 1147 Table 2 within 180 days of failing to demonstrate less than one pound of NOx emissions per day pursuant to subdivision (g) or failing to satisfy recordkeeping pursuant to subdivision (j). The unit must then comply with the emission limits in Table 2 within 12 months after a permit is issued or upon permit expiration if an extension of time for permit to construct has been approved in writing under *Rule 205 – Expiration of Permits to Construct*.

South Coast AQMD Rule 205 – Expiration of Permits to Construct limits validity of issued permits to construct to one year after the permit is issued unless a request for extension is approved in writing by the Executive Officer. Although current Rule 205 does not specify a limit to the period of time granted for extensions to permit expiration or specific reasons for the extension, historical procedure has limited extensions to an additional 6 to 12 months with approval from the Executive Officer. Extensions beyond 12 months are not typical, would be especially scrutinized in regard to this rule's implementation, and would require additional justification such as increments of progress. As a general matter, indefinite extensions under Rule 205 are not permissible as permits are expected to reflect the latest BACT determinations and should be acted on consistent with public notice supporting permit issuance. Extension requests made for the purpose of circumventing rule requirements will not be approved.

Paragraph (d)(9) – Fuel Throughput Limit for Distillate Fuel-Fired Turbines

Paragraph (d)(9) requires an owner or operator of a distillate fuel-fired turbine to obtain a permit limit on fuel throughput of less than or equal to 13,800 gallons/year no later than July 1, 2023. This requirement is to retain existing permit limits for the three identified distillate fuel-fired turbines located in RECLAIM to prevent potential backsliding post-RECLAIM.

<u>Paragraph (d)(10) and (d)(11) – Equipment Maintenance and Compliance by Certification</u>

Paragraphs (d)(10) and (d)(11) are existing requirements from Rule 1147. Changes are made to improve clarity in rule language and requirements remain unchanged with PAR 1147.

Rule 1147 Compliance Schedule [Subdivision(e)]

Subdivision (e) provides the compliance schedule for equipment subject to emission limits in subdivision (d).

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Paragraph (e)(1), (e)(2), and (e)(3) – Compliance Schedules

Paragraph (e)(1) provides the compliance schedule for units that are required to meet the NOx and CO emission limits in Table 2 pursuant to paragraph (d)(2). Units subject to this paragraph would need to submit permit applications to demonstrate compliance with emission limits of Table 2 on or before July 1, 2023 or July 1 of the year <u>after</u> the unit's burner reaches 12 years of age as determined by subdivision (f), whichever is later.

Paragraph (e)(2) provides the compliance schedule for units that are required to meet the NOx and CO emission limits in Table 2 pursuant to paragraph (d)(3). Units subject to this paragraph need to submit permit applications to demonstrate compliance with emission limits of Table 2 on or before July 1, 2023 or July 1 of the year <u>after</u> the unit's burner reaches 32 years of age as determined by subdivision (f), whichever is later.

The owner and operator of a unit subject to paragraphs (e)(1) and (e)(2) shall not operate the unit that exceeds the NOx and CO emission limits in Table 2 no later than 12 months after a permit is issued or the expiration date of the permit if an extension of time has been approved in writing pursuant to Rule 205.

Paragraph (e)(3) retains the alternative compliance schedules established in Rule 1147 to provide units identified in PAR 1147 Table 3 (Table 3-3 of this Staff Report) the same compliance schedule that was present in Rule 1147. When equipment subject to the compliance schedule in Table 3-3 must comply with PAR 1147 limits, the units must demonstrate compliance with emission limits of PAR 1147 Table 2 (Staff Report Table 3-2).

Table 3-3 – PAR 1147 Table 3 (Alternative Compliance Schedule)

Equipment Category(ies)	Permit Application Submittal Deadline	Compliance Deadline
Specific Unit		
Remediation Unit manufactured and installed prior to March 1, 2012 with an active South Coast AQMD permit	Seven months prior to a Combustion System Modification, Combustion System Replacement or Unit Replacement or a Relocation	Upon Combustion System Modification, Combustion System Replacement or Unit Replacement or a Relocation
Evaporator, heated process tank, or parts washer operating prior to January 1, 2014 with an active South Coast AQMD permit	Seven months prior to a Combustion System Modification, Combustion System Replacement or Unit Replacement	Upon Combustion System Modification, Combustion System Replacement or Unit Replacement

<u>Paragraph (e)(4)– Compliance via Decommissioning</u>

Paragraph (e)(4) provides the option for an owner or operator of a unit subject to PAR 1147 to decommission the unit instead of complying with applicable emission limits in PAR 1147 Table 2

provided the unit is decommissioned within 30 months after the applicable application submittal deadline pursuant to subdivision (e) by disconnecting all fuel, air, and electricity to the unit and the unit's applicable South Coast AQMD permit is inactivated.

<u>Paragraph (e)(5) – Compliance Schedule for Facilities with Five or More Units</u>

Paragraph (e)(6) provides additional time for facilities operating five or more units subject to paragraphs (d)(2) or (d)(3) with a July 1, 2023 permit application submittal date pursuant to paragraphs (e)(1) or (e)(2). The extended schedule is outlined in PAR 1147 Table 4 (Table 3-4 in this Staff Report) and is based on total heat input of all units subject to the multiple unit implementation schedule as of July 1, 2023. Total heat input does not include units complying with the less than one pound per day option of paragraph (d)(7). The minimum percentages listed are rounded up to the nearest whole number of applicable unit(s). An owner or operator must submit permit application by the dates specified in PAR 1147 Table 4 to comply with emission limits of PAR 1147 Table 2. Owners or operators may elect to decommission units to meet the permit application submittal requirements provided they submit a permit application identifying and declaring the intent to decommission a unit and then decommission it within 30 months after application submittal similar to the requirements of paragraph (e)(4).

Table 3-4 – PAR 1147 Table 4 (Multiple Unit Implementation Schedule)

Application Submission Deadline	5 to 9 units (Minimum % of Total Heat Input)	10 to 19 units (Minimum % of Total Heat Input)	20+ units (Minimum % of Total Heat Input)
July 1, 2023	50%		
July 1, 2024	100%	50%	33%
July 1, 2025	Not Applicable		
July 1, 2026		100%	67%
July 1, 2027		Not Applicable	
July 1, 2028			100%

Paragraph (e)(6)—Backstop Provision

Paragraph (e)(6) established a compliance backstop and requires all owners and operators of unit(s) subject to PAR 1147 paragraphs (d)(2) through (d)(8) to comply with the concentration limits of Table 2 by an applicable date. Depending on whichever occurs first, an owner or operator of a unit must demonstrate compliance with PAR 1147 table 2 either 12 months after a permit is issued pursuant to subdivision (e)or the expiration date of the permit if extension is approved in writing pursuant to Rule 205, or no later than 30 months following the applicable permit application submittal date in subdivision (e). This backstop provision also applies to owners or operators electing to decommission their equipment pursuant to paragraph (e)(4).

Rule 1147 Burner Age Determination [Subdivision(f)]

Subdivision (f) provides guidance to determine burner age of applicable equipment. Unlike the existing provision in Rule 1147(c)(2), PAR 1147 subdivision (f) does not function as a hierarchy.

Owners and operators of unit(s) subject to PAR 1147 may choose any of the available options listed in paragraph (f)(2) to determine burner age, including the invoice related to installation from equipment manufacturer, original manufacturer's identification plate, information submitted to the South Coast AQMD with permit applications, or another valid method of determining burner age that can be substantiated through sufficient written information as approved by the Executive Officer. Paragraph (f)(3) applies to unit(s) without the information outlined in paragraph (f)(2) which will be deemed by operation of PAR 1147 to be 32 years old as of January 1, 2023.

Rule 1147 Demonstration of Less than One Pound of NOx per Day [Subdivision(g)]

Subdivision (g) establishes methods in which an owner or operator can demonstrate NOx emissions of below one pound per day as demonstrated with maximum monthly operating limits.

Two methods are provided to the owner or operator of a unit subject to PAR 1147: monitoring with a unit specific non-resettable totalizing time meter or unit specific non-resettable totalizing fuel meter.

For facilities electing to monitor with a unit specific non-resettable totalizing time meter pursuant to subparagraph (g)(1)(A), options are provided to calculate maximum monthly operating hours with unit specific emission factor in lb NOx/MMSCF natural gas in accordance with equation 1 or operating limits specified in PAR 1147 Table 5 (Table 3-5 in this Staff Report). Facilities may also monitor with a unit specific non-resettable fuel meter pursuant to subparagraph (g)(1)(B) and calculate maximum monthly fuel usage expressed in therms with unit specific emission factor in lb NOx/MMSCF natural gas in accordance with equation 2. An owner or operator of applicable equipment with emissions of less than one pound per day calculating daily maximum usage with equation 1 or equation 2 in PAR 1147 shall determine the emission factor either with a South Coast AQMD approved method (e.g., source test) or use the default unit emission factor of 130 lb/MMSCF natural gas. Equation 1 and Equation 2 are shown in Figure 3-1.

Table 3-5 – PAR 1147 Table 5 (Less than One Pound per Day Daily Operating Limits)

Unit Rated Heat Input (Btu/hr)	Monthly Operating Limit (Hours)
< 1,000,000	240
≥ 1,000,000 to < 1,500,000	160
\geq 1,500,000 to \leq 2,000,000	120

Figure 3-1 – PAR 1147 Equation 1 and Equation 2

	Equation #1	Equation #2	
Monthly Operating Hours = $D \div [R \times (EF \div HHV)]$		Monthly Therms of Fuel = $(D \div EF) \times HHV \times 10$	
	Where,	Where,	
	D = Number of Days in Calendar Month	D = Number of Days in Calendar Month	
	R = Rated Heat Input (MMBtu/hr),	EF = Emission Factor for the Unit (lbs NOx/MMScf natural gas)	
	EF = Emission Factor for the Unit (lbs NOx/MMScf natural gas),	HHV = Higher Heating Value of Natural Gas (1,050 MMBtu/MMScf)	
	HHV = Higher Heating Value of Natural Gas (1,050 MMBtu/MMScf)	10 = Conversion to from MMBtu to Therms	

Rule 1147 Monitoring and Source Testing [Subdivision(h)]

Background of Current MRR Requirements in RECLAIM and Non-RECLAIM

Under RECLAIM, mass emissions reported by each facility are used to track and demonstrate compliance. To ensure the integrity of reported emissions, RECLAIM includes substantial monitoring and reporting requirements, as specified in *Rule 2012 - Requirements for Monitoring, Reporting and Recordkeeping for Oxides of Nitrogen Emissions*. RECLAIM monitoring, reporting, and recordkeeping (MRR) requirements are developed to accurately determine mass emissions of NOx for each facility, which is necessary for emission reconciliation and compliance demonstration in the cap-and-trade regulatory structure. RECLAIM MRR requirements are segregated by device classifications. The four device classifications are major sources, large sources, process units, and Rule 219 exempt equipment.

In a command-and-control regulatory structure, a device-level emission limit (commonly expressed in concentration such as ppmv in Rule 1147) is used for regulatory and compliance demonstration. Unlike RECLAIM equipment, Rule 1147 does not have periodic source testing requirements such as periodic source testing or emissions monitoring, and generally only an initial source test is required.

Major sources are units with a total heat input rating of greater than or equal to 40 MMBtu/hr with total annual fuel usage of greater than 90 billion Btu. Units that are classified as major sources are required to install a continuous emissions monitoring system (CEMS) or South Coast AQMD approved equivalent monitoring requirement. To ensure the integrity of reported emissions, RECLAIM includes substantial monitoring and reporting requirements for major sources such as annual (or semi-annual) relative accuracy test audit (RATA), daily emissions electronic reporting, quarterly aggregate electronic reporting, quarterly certifications of emissions reports (QCER), and annual permit emissions program (APEP) report.

Large sources are units with a total heat input rating of greater than or equal to 10 MMBtu/hr and less than 40 MMBtu/hr with annual NOx emissions of between 4 and 10 tons. Under the RECLAIM program, units classified as large sources are required to electronically report monthly emissions and quarterly aggregate emissions as well as QCER and APEP requirements. Large sources are also required to conduct source testing every three years and conduct semi-annual tuning.

Process units are units with a total heat input rating of between 2 MMBtu/hr and 10 MMBtu/hr. Process units share similar reporting requirements as Rule 219 exempt equipment which are rated to less than or equal to 2 MMBtu/hr. Both process units and Rule 219 exempt equipment are required to submit quarterly electronic emissions reports as well as QCER and APEP requirements. Process units assigned concentration limits are required to conduct source testing every five years and all process units are required to conduct semi-annual tuning. Rule 219 exempt equipment is not subject to periodic testing or tuning requirements unless required by permit.

Comparison of MRR Requirements in RECLAIM and Non-RECLAIM

Comparison of MRR requirements between RECLAIM and Rule 1147 are outlined in Table 3-6.

Table 3-6 - Comparison of MRR Requirements Between RECLAIM and Rule 1147

Requirements	RECLAIM	Rule 1147		
Source Testing	Major Source: Semi-annual RATA which includes reference source test Super Compliant Major Source: Semi-annual source testing (Every 12 months after 2 years of consecutive passes)	Units Emitting ≥1 Pound NOx/Day: According to schedule found in Rule 1147 Table 2 of at the time of permitting		
	Large Source: Source testing every 3 years Process Source:	Units Emitting <1 Pound NOx/Day: At the time when unit is 35 years old*		
Periodic Monitoring	Source testing every 5 years Major Source: Requires installation of CEMS or equivalent Super Compliant Major Source: Semi-annual tuning with emissions monitoring	Units Emitting ≥1 Pound NOx/Day: Tune up interval according to manufacturer specification		
	Large Source: Semi-annual tuning with emissions monitoring Process Source: Semi-annual tuning with emissions monitoring	Units Emitting <1 Pound NOx/Day: Tune up interval according to manufacturer specification and maintaining daily usage records to demonstrate low use		
CEMS Provision	Required for all units meeting definition of major source (≥40 MMBtu/hr and ≥90 billion BTU/year; OR ≥500 MMBtu/hr)	Rule 1147 does not contain provisions for CEMS		
Reporting	Major Source: - Daily electronic reporting - Monthly electronic reporting - Quarterly aggregate reporting - Quarterly certifications of emissions report (QCER) - Annual permit emissions program (APEP) report			
	Super Compliant Major Source: - Monthly electronic reporting - Quarterly aggregate reporting - QCER - APEP report	Rule 1147 does not contain periodic reporting requirements		
	Large Source: - Monthly electronic reporting - Quarterly aggregate reporting - QCER - APEP report			
	Process Source: - Quarterly aggregate reporting - QCER - APEP report			

^{*}Units subject to Rule 1147 emitting less than 1 pound/day of NOx may continue to operate without complying with rule limits if the facility conducts biennial testing to continuously demonstrate emissions of <1 pound/day.

PAR 1147 aligns MRR requirements for applicable RECLAIM and non-RECLAIM facilities. Title V requires additional periodic monitoring. South Coast AQMD has developed guidelines, outlined in South Coast AQMD Periodic Monitoring Guidelines⁵, for periodic monitoring, testing and recordkeeping requirements that may be incorporated in Title V permits. Currently, the monitoring requirements in the RECLAIM program are comprehensive and address the Title V periodic monitoring requirements. On March 5, 2021, the South Coast AQMD Governing Board voted to amend *Rule 218 - Continuous Emission Monitoring* and *adopt Rule 218.2 - Continuous Emission Monitoring System: General Provisions*, and *Rule 218.3 - Continuous Emission Monitoring System: Performance Specifications* which address the additional MRR requirements as required by the Title V program. Considerations of the different monitoring requirements between RECLAIM and non-RECLAIM are considered when developing MRR requirements for PAR 1147.

<u>Paragraphs (h)(1) through (h)(4) –Source Test Provisions</u>

Units demonstrating compliance with the emission requirements of paragraphs (d)(1), (d)(2), (d)(3), (d)(4), and South Coast AQMD permit limits must conduct a source test to demonstrate compliance with applicable emission limits of Table 1 or Table 2 pursuant to subdivision (d) as well as obtain an approved source test protocol prior to conducting the source test. Source test protocols for subsequent testing would not need to be re-evaluated assuming the tested burner or unit was not altered to require a new permit.

Units operating in steady state shall demonstrate compliance with applicable limits using a South Coast AQMD approved source test protocol averaged over a period of at least 15 minutes and no more than 60 consecutive minutes. For Units operating in a cyclical manner, an alternative time period approved by the Executive Officer may be used in order to capture emissions representative of an entire operating cycle. For cyclic processes that operate on a cycle lasting less than 15 consecutive minutes, multiple cycles may be required in order to obtain a minimum of 15 minutes of total source test data (e.g., a cyclical process with duration of 6 minutes per cycle would need to test for three cycles in order to account for minimum of 15 minutes of total source test data). For cyclic processes that operate on a cycle greater than 60 consecutive minutes, the sampling period may be adjusted to cover the complete cycle.

Paragraph (h)(5) –Source Test Methods

Paragraph (h)(5) outlines acceptable methods for determining compliance with PAR 1147 emission limits.

Paragraph (h)(12) through (h)(13)—Periodic Source Testing Requirements

Paragraph (h)(12) outlines the following periodic source test schedule for units subject to PAR 1147 based on rated heat input:

- Below 10 MMBtu/hr Every 5 calendar years and qualifying periodic source test may not take place earlier than 54 calendar months after previous source test
- Between 10 MMBtu/hr and 40 MMBtu/hr Every 3 calendar years and qualifying periodic source test may not take place earlier than 30 months after the previous source test
- At or above 40 MMBtu/hr Every calendar year and qualifying periodic source test may not take place earlier than 6 months after the previous source test

⁵ Periodic Monitoring Guideline. http://www.aqmd.gov/home/permits/title-v/title-v-requirements#pm.

Since Rule 1147 did not previously require periodic source testing for applicable units, paragraph (h)(12) provides applicable units an onramp to the periodic monitoring requirement of PAR 1147. Applicable equipment would need to conduct a source test no later than 24 months after date of rule adoption, which will set the schedule for the next required periodic source test. For units below 40 MMBtu/Hr, owners or operators may choose to use a recent approved source test that shows compliance with applicable PAR 1147 limits as the basis for establishing a recurring schedule. This can in some cases establish a first-required periodic source test that would be more than 24 months after rule adoption. Source testing frequency for Turbines operating in a system consisting of multiple units shall be determined based on heat input of each individual Turbine.

Equipment that is exempt from Subdivision (d) emission limits outlined in Table 1 and 2 pursuant to subdivision (m) shall conduct periodic source tests in accordance with paragraph (h)(11) through (h)(13) to demonstrate compliance with the applicable emission limits on the equipment's permit.

PAR 1147 would not require facilities to install new continuous emissions monitoring systems (CEMS); however, facilities with existing CEMS must maintain the system. Applicable units with installed CEMS would be required to conduct periodic relative accuracy test audits (RATA) as required in Rule 218.2 and 218.3. RATA may substitute for one instance of compliance demonstration required in paragraph (h)(11) as specified in paragraph (h)(13).

Rule 1147 Labeling Requirement [Subdivision(i)]

Subdivision (i) outlines unit labeling requirements including units that have been modified from the original burner configuration.

Rule 1147 Reporting and Recordkeeping [Subdivision(j)]

Subdivision (j) outlines the reporting and recordkeeping requirements including source tests, maintenance, and monthly records for less than one pound per day determination pursuant to subdivision (g). Records must be kept for a minimum of five years and made available to the Executive Officer upon request.

Rule 1147 Certification [Subdivision(k)]

Certification requirements for PAR 1147 is unchanged from existing requirements in Rule 1147.

Rule 1147 Maintenance [Subdivision(I)]

Maintenance requirements for PAR 1147 is unchanged from existing requirements in Rule 1147.

Rule 1147 Exemptions [Subdivision(m)]

Paragraph (m)(3)(H) – Exemption for Solid Fuel-Fired Combustion Equipment

Rule 1147 does not to apply to solid fuels. This transfers the language of non-applicability from the applicability paragraph to be recognized as an exemption. This exemption only applies to units when burning solid fuel.

Paragraph (m)(11) – Start up and Shutdown Exemption for Tunnel Kilns

Paragraph (m)(11) provides a brief period of exemption from NOx and CO limits of Table 1 and Table 2 during periods of startup and shutdown for tunnel kilns. Startup and shutdown shall be subject to requirements of South Coast AQMD Rule 429.

Paragraph (m)(12) – Exemption for Heating Equipment Associated Fuel Cells

Paragraph (m)(12) provides exemption for heating equipment associated with fuel cells which produce electricity in an electro-chemical reaction and use phosphoric acid, molten carbonate,

proton exchange membrane, or solid oxide technologies; and associated heating equipment, provided the heating equipment does not use a combustion source or is fueled exclusively with natural gas, methanol, liquified petroleum gas, or any combination thereof. Heaters with heat input capacity of greater than 2,000,000 btu/hr must also demonstrate supplemental heat used is below 90,000 therms per year. This exemption echoes existing language in South Coast AQMD Rule 219 and provides owners or operators of fuel cells the option to obtain South Coast AQMD permits to satisfy the requirements of the California Air Resources Board Distributed Generation Certification Regulation⁶.

<u>Paragraph (m)(13) – Exemption for Units Not Fired on Natural Gas and/or Liquid Fuel</u>

Paragraph (m)(13) provides an exemption to PAR 1147 Tables 1 and 2 for owners and operators of burners not fired on natural gas and/or liquid fuels during standard operation. Rule 1147 limits were established in 2008 based on natural gas and/or liquid fuel fired burners. Burners fired on landfill, digester, or other process gases were not evaluated for limits in Tables 1 and 2. This exemption would allow equipment permits for burners firing on gases other than natural gas during normal operation to be evaluated for specific emission limits under BACT. Units subject to this exemption shall still continue to conduct source testing in accordance with subdivision (h) to demonstrate compliance with emission limits on unit specific South Coast AQMD permit, and maintain records in accordance to subdivision (j) of PAR 1147. Data obtained from periodic source testing as outlined in subdivision (h) will be evaluated to establish emission limits in future rulemaking.

<u>Paragraph (m)(14) – Exemption for Units used in Equipment that Endothermically Decompose Solid Waste</u>

Paragraph (m)(14) exempts used in equipment that endothermically decompose solid waste in an environment with little to no oxygen. Thermal decomposition processes occurring in low oxygen environments are sealed with no exhaust during normal operation, the process would mean that source testing cannot be feasibly conducted to demonstrate compliance with limits of PAR 1147. Equipment exempt under this paragraph will still be subject to permit specific requirements

⁶ California Air Resources Board, Distributed Generation Certification Program: https://ww2.arb.ca.gov/sites/default/files/2021-11/dg06-final-regulation-unofficial.pdf

CHAPTER 4: IMPACT ASSESSMENT

Introduction
Emission Reductions
Socioeconomic Assessment
California Environmental Quality Act Analysis
Draft Findings Under California Health and Safety Code Section 40727
Comparative Analysis

Introduction

Proposed Amended Rule 1147 (PAR 1147) is expected to impact ~4900 units located at approximately 2,900 facilities. Of the estimated 2,900 facilities, 85 facilities are identified to be participants of the RECLAIM program. Rule 1147 was initially adopted on December 5, 2008 and established NOx emission limits for applicable equipment located in non-RECLAIM facilities. It is expected that most of the equipment subject to PAR 1147 located at non-RECLAIM facilities is already in compliance with emission limits of PAR 1147 Table 1 (Staff Report Table 3-1) and will be subject to the requirement to submit permit applications and comply with tightened limits when units reach 32 years of age. RECLAIM equipment without permit limits complying with PAR 1147 Table 1 will be subject to meet tightened limits when units reach 12 years of age.

Emissions Reduction

The total NOx inventory for the RECLAIM and non-RECLAIM units affected by the PAR 1147 is estimated to be 3.69 tons per day. This estimate is taken from South Coast AQMD annual emission report (AER) inventory database for compliance year 2018 for permitted units or audited RECLAIM reported emission data. The South Coast AQMD's AER program was developed to track emissions of air contaminants from permitted facilities. Facilities with annual emissions exceeding 4 or more tons of nitrogen oxides (NOx), sulfur oxides (SOx), volatile organic compounds (VOCs), specific organics (SPOG), particulate matter (PM), or emissions of 100 tons per year or more of carbon monoxide (CO) are required by the South Coast AQMD to submit an annual emissions report. Facilities could also be required to submit an AER if the facility receives a notification from South Coast AQMD or is subject to the AB2588 Program for reporting quadrennial updates to its toxics inventory. For each piece of RECLAIM equipment, the annual activity is estimated using the facility's reported emissions for the compliance year of 2020 and fuel usage is calculated using an emission factor represented by the permit limit specific for each unit. For units with missing AER data, emissions were calculated assuming 80% utilization capacity based off the average industrial production and capacity utilization released by the United States Federal Reserve printed on February 7, 2011.⁷

Emission reductions were calculated using the difference between the total aggregate emissions calculated using the concentration limit or emissions factor found on equipment permits (RECLAIM default of 130 lb/MMSCF for those without specified limits or factors) and total aggregate emissions using the PAR 1147 proposed NOx concentration limit. Emission reductions from facilities expected to submit permit applications by July 1, 2023 are estimated to be 0.54 tpd by July 1, 2026 with expected total reductions of 1.59 tpd by the estimated full implementation date of July 1, 2059.

Socioeconomic Impact Assessment

California Health & Safety Code §40440.8 requires a socioeconomic impact assessment for proposed and amended rules resulting in significant impacts to air quality or emission limitations. This assessment shall include affected industries, range of probable costs, cost effectiveness of control alternatives, and emission reduction potential.

PAR 1147 – NOx Reductions from Miscellaneous Sources, would reduce emissions of NOx from miscellaneous combustion equipment (e.g. ovens, kilns, furnaces, dryers, afterburners, fryers, and oxidizers), and is one of several "landing rules" that transitions facilities currently regulated under RECLAIM to a command-and-control regulatory structure. The major provisions of PAR 1147

⁷Federal Reserve Statistical Release G.17, Industrial Production and Capacity Utilization http://www.federalreserve.gov/releases/g17/cap_notes.htm as printed on February 7, 2011.

will update NOx emission limits for existing equipment categories, as well as establishing emission limits for new categories (based on stakeholder feedback).

The majority of the emissions limits will take effect at the end of the presumed useful life of equipment currently in use. The equipment meeting current limits shall submit permit applications to meet the proposed emission limits by July 1 of the year after the unit burner becomes 32 years old. Source testing is required to demonstrate compliance for existing equipment with current emission limits until the equipment is replaced, and recurring source test costs account for almost 60 percent of the total cost associated with PAR 1147. Owners or operators of units that are not in compliance with the existing Rule 1147 NOx limits must submit applications to meet proposed emission limits by July 1, 2023, or July 1 of the year after unit burner becomes 12 years old, whichever is later. The compliance deadlines for PAR 1147 were established by taking into consideration equipment size range, application type, the number of units per facility, and whether facilities had multiple pieces of equipment subject to multiple source-specific command-and-control rules.

The total emissions inventory for the PAR 1147 universe is approximately 3.69 tons per day (tpd). Emission reductions from the facilities that are expected to submit permit applications by July 1, 2023, is estimated to be approximately 0.54 tpd by July 1, 2026. Total NOx reductions from the PAR 1147 universe is expected to be approximately 1.59 tpd by the full implementation on July 1, 2059.

Affected Facilities and Industries

The updates and expanded categories subject to the proposed emission limits in PAR 1147 target reductions from miscellaneous combustion equipment affect approximately 5,300 units located at approximately 3,000 facilities. Recurring source testing costs are expected for an estimated 1,300 of the 3,000 facilities. Out of these 3,000 facilities, 68 facilities are expected to incur the majority of one-time costs due to PAR 1147 amendments. Out of 68 affected facilities, 44 facilities are located in Los Angeles County, and eight facilities each in Orange County, Riverside County, and San Bernardino County. Fifty one out of the 68 facilities belong to manufacturing sector (North American Industry Classification System or NAICS: 31-33). The remaining facilities may incur minor additional cost impacts, as the replacement of combustion equipment due to natural turnover at the end of its useful life will need to meet PAR 1147 emission limits in order to continue operating. However, the potential future cost differential between PAR 1147 compliant and noncomplaint equipment, if any, at the time of replacement is difficult to forecast and quantify.

Compliance Costs

PAR 1147 requirements are expected to result in an estimated total cost ranging from \$60.3 to \$87.0 million. It includes a one-time total cost of \$27.5 to \$35.3 million⁸, and recurring source testing costs of \$32.7 to \$51.6 million. One-time costs for installation of equipment account for approximately \$13.2 to \$17.0 million total. One-time permitting costs range from \$5.7 to \$7.2 million. The remaining one-time costs belong to equipment purchase, out of which burner replacements and retrofit account for the largest expense with an estimated cost of \$6.5 to \$8.2 million. Source testing is expected to cost about \$1,300 annually for a facility subject to the source testing requirement. The range of dates for required implementation span from 2023 to 2057. Table 4-1 presents the total and annual cost of PAR 1147 by the equipment categories.

⁸ Using a discount factor of 1 and 4 percent, respectively.

Table 4-1: Projected Total and Average Annual Cost of PAR 1147 by the Equipment Categories

	Present Worth Value (2021)		Annual Avera	ge (2023-2058)		
Cost Categories	1% Discount Rate	4% Discount Rate	1% Real Interest Rate	4% Real Interest Rate		
	One	e-Time Cost				
Administrative Change	\$550,000	\$426,000	\$19,000	\$23,000		
Oxidizer	\$356,000	\$244,000	\$13,000	\$16,000		
Afterburner	\$547,000	\$374,000	\$19,000	\$24,000		
Burner	\$8,226,000	\$6,482,000	\$276,000	\$345,000		
Fryer	\$88,000	\$69,000	\$3,000	\$4,000		
Heater	\$972,000	\$769,000	\$33,000	\$41,000		
Installation	\$17,028,000	\$13,214,000	\$575,000	\$717,000		
Permitting	\$7,199,000	\$5,671,000	\$242,000	\$302,000		
Tenter Frame	\$357,000	\$275,000	\$12,000	\$15,000		
Total One-Time	\$35,323,000	\$27,524,000	\$1,192,000	\$1,487,000		
Recurring Costs						
Source Test	\$51,635,000	\$32,752,000	\$1,732,000	\$1,732,000		
Total	\$86,958,000	\$60,276,000	\$2,923,000	\$3,217,000		

Note: Values rounded to nearest thousand dollars. Column total values may not add up due to rounding.

The average annual cost of the proposed amendments is estimated at \$2.9 to \$3.2 million with discount rate factor of 1 and 4 percent, respectively. Table 4-2 presents the estimated total and average annual cost of PAR 1146 by industry. The Manufacturing sector (NAICS 31-33) incurs the largest portion of PAR 1147 costs, with \$40.9 to \$69.5 million (\$2.3 to \$2.6 million annually). The major affected sub-industries within manufacturing sector are expected to be Textile Mills and Textile Product Mills (NAICS 313, 314), Aerospace Product and Parts Manufacturing (NAICS 3364), and Printing and Related Support Activities (NAICS 323).

Table 4-2: Projected Total and Average Annual Cost of PAR 1147 by Industry

Table 4-2: Projected Total and Average Annual Cost of PAR 1147 by Industry						
Industry Name	NAICS	Present Worth Value (2021)		Average Annual Costs (2023- 2048 <u>2058</u>)		
industry ivanie	Code	1% Discount Rate	4% Discount Rate	1% Discount Rate	4% Discount Rate	
Oil and gas extraction	211	\$220,000	\$136,000	\$8,000	\$8,000	
Natural gas distribution	2212	\$178,000	\$111,000	\$6,000	\$7,000	
Support activities for agriculture and forestry	115	\$194,000	\$123,000	\$7,000	\$7,000	
Support activities for mining	213	\$65,000	\$41,000	\$2,000	\$2,000	
Electric power generation, transmission, and distribution	2211	\$32,000	\$21,000	\$1,000	\$1,000	
Water, sewage, and other systems	2213	\$194,000	\$123,000	\$7,000	\$7,000	
Construction	23	\$994,000	\$631,000	\$33,000	\$33,000	
Manufacturing	31-33	\$69,507,000	\$40,970,000	\$2,309,000	\$2,584,000	
Wholesale trade	42	\$2,427,000	\$1,533,000	\$82,000	\$82,000	
Retail trade	44-45	\$2,023,000	\$1,391,000	\$68,000	\$75,000	
Pipeline transportation	486	\$91,000	\$57,000	\$3,000	\$4,000	
Scenic and sightseeing transportation and support activities for transportation	487, 488	\$217,000	\$153,000	\$7,000	\$8,000	
Warehousing and storage	493	\$249,000	\$158,000	\$8,000	\$8,000	
Motion picture, video, and sound recording industries	512	\$32,000	\$21,000	\$1,000	\$1,000	
Data processing, hosting, and related services	518	\$32,000	\$21,000	\$1,000	\$1,000	
Real estate	531	\$32,000	\$21,000	\$1,000	\$1,000	
Architectural, engineering, and related services	5413	\$162,000	\$103,000	\$5,000	\$5,000	
Specialized design services	5414	\$32,000	\$21,000	\$1,000	\$1,000	
Management, scientific, and technical consulting services	5416	\$367,000	\$233,000	\$12,000	\$12,000	
Advertising, public relations, and related services	5418	\$65,000	\$41,000	\$2,000	\$2,000	
Other professional, scientific, and technical services	5419	\$259,000	\$164,000	\$9,000	\$9,000	
Management of companies and enterprises	55	\$32,000	\$21,000	\$1,000	\$1,000	
Business support services; Investigation and security services; Other support services	5614, 5616, 5619	\$346,000	\$219,000	\$12,000	\$12,000	
Services to buildings and dwellings	5617	\$184,000	\$117,000	\$6,000	\$6,000	
Waste management and remediation services	562	\$864,000	548,000	\$29,000	\$29,000	
Educational services; private	61	\$130,000	\$82,000	\$4,000	\$4,000	
Outpatient, laboratory, and other ambulatory care services	6214, 6215, 6219	\$65,000	\$41,000	\$2,000	\$2,000	
Hospitals; private	622	\$97,000	\$62,000	\$3,000	\$3,000	
Child day care services	6244	\$32,000	\$21,000	\$1,000	\$1,000	
Amusement, gambling, and recreation industries	713	\$32,000	\$21,000	\$1,000	\$1,000	
Accommodation	721	\$65,000	\$41,000	\$2,000	\$2,000	
Food services and drinking places	722	\$670,000	\$425,000	\$22,000	\$2,000	
Automotive repair and maintenance	8111	\$1,066,000	\$727,000	\$36,000	\$38,000	
Electronic and precision equipment repair						
and maintenance	8112	\$32,000	\$21,000	\$1,000	\$1,000	

Industry Name	NAICS	Present Worth Value (2021)		Average Annual Costs (2023- 2048 2058)	
industry realic	Code	1% Discount Rate	4% Discount Rate	1% Discount Rate	4% Discount Rate
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	8113	\$746,000	\$473,000	\$25,000	\$25,000
Personal and household goods repair and maintenance	8114	\$65,000	\$41,000	\$2,000	\$2,000
Death care services	8122	\$4,732,000	\$3,002,000	\$159,000	\$159,000
Civic, social, professional, and similar organizations	8134, 8139	\$32,000	\$21,000	\$1,000	\$1,000
State and local government	92	\$227,000	\$144,000	\$8,000	\$8,000
Farm (crop and animal production, aquaculture)	111, 112	\$162,000	\$103,000	\$5,000	\$5,000
Total		\$86,951,000 \$86,958,000	\$60,276,000	\$2,920,000 \$2,923,000	\$3,217,000

Note: Values rounded to nearest thousand dollars. Column total values may not add up due to rounding.

Macroeconomic Impacts on the Regional Economy

The Regional Economic Model (REMI, PI+ v2.5.0) was used to assess the total socioeconomic impacts of the anticipated policy change (i.e., the proposed amended rule). The model links the economic activities in the counties of Los Angeles, Orange, Riverside, and San Bernardino, and for each county, it is comprised of five interrelated blocks: (1) output and demand, (2) labor and capital, (3) population and labor force, (4) wages, prices and costs, and (5) market shares⁹.

The assessment herein is performed relative to a baseline ("business as usual") where the proposed amendments would not be implemented. It is assumed that the affected facilities would finance the capital and installation costs of control equipment, or more specifically, these one-time costs are assumed to be amortized and incurred over the equipment life.

Direct effects of the proposed amendments are used as inputs to the REMI model in order for the model to assess secondary and induced impacts for all the industries in the four-county economy on an annual basis and across a user-defined horizon: 2023 (first year assumed compliance costs) to 2048. Direct effects of the proposed amendments include additional one-time capital and installation costs and additional sales by local vendors of equipment, devices, or services that would meet the proposed requirements.

Whereas all the compliance expenditures that are incurred by the affected facilities would increase their cost of doing business, the purchase of equipment such as new burners, and fryers, and equipment installation would increase the spending and sales of businesses in various sectors, some of which may be located in the South Coast AQMD region.

When the compliance cost is annualized using a 4% real interest rate (\$3.1\$3.2 million), an average of 84 jobs are projected to be forgone annually from 2023 to 2058. The projected jobs forgone become slightly less (82 jobs annually) when the compliance cost is annualized at a 1% interest rate (\$2.9 million). The 84 jobs forgone represents less than 0.0005% of total annual average jobs (about 11.6 million) in the region. The majority of jobs forgone are expected to occur in the

⁹ Within each county, producers are made up of 156 private non-farm industries and sectors, three government sectors, and a farm sector. Trade flows are captured between sectors as well as across the four counties and the rest of U.S. Market shares of industries are dependent upon their product prices, access to production inputs, and local infrastructure. The demographic/migration component has 160 ages/gender/race/ethnicity cohorts and captures population changes in births, deaths, and migration. (For details, please refer to REMI online documentation at http://www.remi.com/products/pi.)

manufacturing sector, with an estimated 24 to 26 jobs foregone on average, annually. Within the manufacturing sector, the sub-industry of textile mills and textile product mills (NAICS 313 and 314) are projected to experience about 13 percent of the total jobs foregone (11 in total).

California Environmental Quality Act Analysis

Pursuant to the California Environmental Quality Act (CEQA) Guidelines Sections 15002(k) and 15061, the proposed project (PAR 1147) is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3). A Notice of Exemption will be prepared pursuant to CEQA Guidelines Section 15062, and if the proposed project is approved, the Notice of Exemption will be filed for posting with the State Clearinghouse of the Governor's Office of Planning and Research, and with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino counties. In addition, the Notice of Exemption will be electronically posted on the South Coast AQMD's webpage.

Draft Findings Under California Health and Safety Code Section 40727 Requirements to Make Findings

California Health and Safety Code Section 40727 requires that prior to adopting, amending or repealing a rule or regulation, the South Coast AQMD Governing Board shall make findings of necessity, authority, clarity, consistency, non-duplication, and reference based on relevant information presented at the public hearing and in the staff report.

Necessity

PAR 1147 is needed to establish BARCT requirements for facilities that will be transitioning from RECLAIM to a command-and-control regulatory structure.

Authority

The South Coast AQMD obtains its authority to adopt, amend, or repeal rules and regulations pursuant to California Health and Safety Code Sections 39002, 40000, 40001, 40440, 40702, 40725 through 40728, and 41508.

Clarity

PAR 1147 is written or displayed so that it's meaning can be easily understood by the persons directly affected by it.

Consistency

PAR 1147 is in harmony with and not in conflict with or contradictory to, existing statutes, court decisions or state or federal regulations.

Non-Duplication

PAR 1147 will not impose the same requirements as any existing state or federal regulations. The proposed rule is necessary and proper to execute the powers and duties granted to, and imposed upon, the South Coast AQMD.

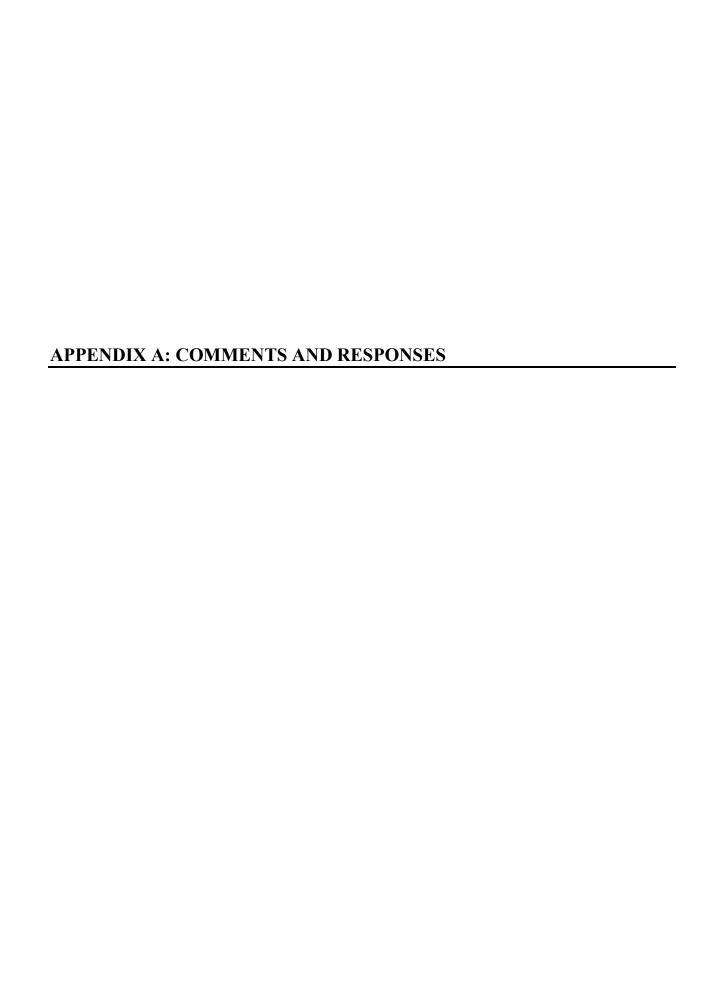
Reference

In amending these rules, the following statutes which the South Coast AQMD hereby implements, interprets or makes specific are referenced: Health and Safety Code sections 39002, 40001, 40702, 40440(a), and 40725 through 40728.5.

Comparative Analysis

Under H&SC Section 40727.2, the South Coast AQMD is required to perform a comparative written analysis when adopting, amending, or repealing a rule or regulation. The comparative analysis is relative to existing federal requirements, existing or proposed South Coast AQMD rules and air pollution control requirements and guidelines which are applicable to PAR 1147 equipment.

The South Coast AQMD is not aware of any state or federal requirements regulating air pollution that are applicable to new or in-use PAR 1147 units. Because there are no state or federal requirements for PAR 1147 units, the proposed amendments are not in conflict with and do not duplicate any South Coast AQMD, state or federal requirement



1 - 1

Comment Letter #1

Mr. Banuelos,

Regarding the proposed amended Rule 1147, I would like to contribute some inputs to the rule if possible:

- Most of Rule 1147 permit units emit very high CO emissions. These units are rarely tested for CO, probably one time for initial permits.
- These units should be monitored for CO frequently using portable analyzers similar to Rules 1146 and 1110.2
- Some of these units are highly diluted with ambient air. CO emissions should be limited to 400 ppm at 3%O2 instead of 2000 ppm.

I believe you already incorporated these issues for the proposed rule. If so, please disregard this letter. Anyway, these are my observations during my testing career. Thanks for the opportunity to provide some comments.

Sincerely Yours,

Tim Dinh, Manager Air Gas Testing & Consulting Services 7111 Garden Grove Blvd. Suite 118 Garden Grove, CA 92841

Phone: (714) 840-9827 Fax: (714) 840-6293 Cell: (562) 260-1302

Email: airgastesting@verizon.net

May 2022

Staff Response to Comment Letter #1

Response 1-1

Existing Rule 1147 does not currently regulate emissions of CO and existing CO limits of 2,000 ppm is based on guidance from South Coast AQMD Rule 407 – Liquid and Gaseous Air Contaminants¹⁰. Proposed Amended Rule 1147 (PAR 1147) will establish a new CO limit of 1,000 ppm corrected to 3% O₂ for applicable equipment with the exception for Turbines which are corrected to 15% O₂. In addition to the proposed tightened NOx and new CO emission limits, PAR 1147 will also introduce periodic source testing requirements for NOx and CO. The frequency of testing is based on unit size and additional information can be found in Chapter 3 of this staff report.

¹⁰ South Coast Air Quality Management District; Rule 407: http://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-407.pdf?sfvrsn=4

Comment Letter #2



South Coast Air Quality Management District Planning, Rule Development and Area Resources 21865 Copley Drive Diamond Bar, CA 91765 Attn: Mr. Shawn Wang VIA Email swang@aqmd.gov January 24, 2022

RE: Proposed Rule Amendment #1147

Dear Mr. Wang:

It is with great interest that we read the notice of a Public Workshop for the potential change to Rule 1147. This potential change to NOx reductions is not to be taken lightly, and has potential major impacts on businesses like our that have industrial process ovens.

With a rule change must come consideration for the businesses that need to comply and how they will navigate that compliance. In this case, there are major concerns about the marketplace and what this proposed rule change will cause. Changing a rule without consideration of how that rule will be followed is irresponsible. This is potentially one of those issues

The marketplace has a severe shortage or available low NOx burners to convert to in order to comply with the new rule. The reason, there have only been two real manufacturers of these type of burners, Honeywell and Maxon. Even with these two manufacturers running at full capacity the marketplace has been short on burners and waiting for them has been a very long proposition. Today there is one MAJOR change. Honeywell has bought Maxon and has now limited the marketplace even more. Here is the article on that sale https://www.reliableplant.com/Read/8980/honeywell-agrees-to-buy-maxon-corporation-for-\$185m A copy is also attached herewith.

It would be irresponsible for the SCAQMD to implement these rule changes at this time. There are simply not enough burners available and this will cause the business owners to be in non-compliance if they are cited and can't get the equipment necessary to make the changeover. We have experienced this in the recent past and know that it is nearly impossible to get these burners. This sale should have been better scrutinized by the SEC but was overlooked due to its relatively small market size.

We urge the SCAQMD to reconsider this rule change as being one that is making it impossible for businesses to comply with at this time.

Sincerely, ANDREWS POWDER COATING, INC.

Scott C. Andrews

President 10138 Canoga Ave. • Chatsworth, California 91311-4947 Phone (818) 700-1030

www.powdercoater.com

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Staff Response to Comment Letter #2

Response 2-1

Along with introducing tightened emission limits for NOx as well as new emission limit for CO, PAR 1147 also provides an extended compliance schedule of 32 years after burner installation for Units meeting existing Rule 1147 limits outlined in Table 1 of PAR 1147. During the 2011 amendment to Rule 1147, final implementation of rule limits initially adopted in 2008 was expected to be in 2019. As such, staff expects most non-RECLAIM Rule 1147 facilities would have achieved compliance with emission limits outlined in Table 1 in 2019 and will not have to immediately submit applications to comply with the proposed tightened limits. Only facilities that do not have permit limits at the level of existing Rule 1147 limits need to submit permit applications to comply with new tightened limits of PAR 1147 by the first application submittal deadline of July1, 2023. Additional information on the proposed compliance schedule for PAR 1147 can be found in Chapter 3 of this staff report.

A-4

Comment Letter #3



02/02/2022

Michael Morris Planning and Rules Manager SCAQMD mmorris@aqmd.gov

Dear Mr. Morris,

In the proposed 1147 rule language the monthly hourly limit to demonstrate less than 1 pound per day of NOx emissions was eliminated.

By eliminating the monthly hourly limit, it takes away flexibility from companies to remain compliant.

This seems to run counter to the goal of lowering overall NOx emissions. As an example, a company could run their <1,000,000 BTU equipment one day a month for 9 hours and be in violation of the rule while another company could run their <1,000,000 BTU equipment daily for 7 hours a day 30 days a month and be compliant with the rule even though they are releasing more NOx.

If the goal of 1147 is to limit NOx emissions, the monthly hourly limit reduces NOx emissions more than the daily hourly limit. A company following the monthly hourly limit is only able to run their equipment the equivalent of 8 hours a day for 22 days a month. While a company following the daily hour limit could operate their equipment 30+ days a month at 8 hours a day which would emit more NOx than the company following the monthly hourly limit.

For our operations the monthly hourly limit works well because it gives us the flexibility to run longer than 8 hours in a day at a reduced number of days a month. We only run our equipment 4 days a week but must run it longer than 8 hours to meet our production needs. Adding another day of operation to our work week is not possible due to the large amount of setup and breakdown the equipment requires each day it is run.

We are requesting that the monthly hourly limits to demonstrate less than 1 pound per day NOx emissions remain unchanged from the current version of 1147. This will be mutually beneficial to SCAQMD and our company because it will continue to limit the NOx emissions our company generates while giving us the ability to meet our production needs and remain compliant with rule 1147.

We appreciate you taking our comments into consideration and look forward to hearing your thoughts. Please let us know if you have any questions or would like to discuss any items further.

Thank you,

Julian Iannini Director of EHS Interspace Battery Corporation 2009 W. San Bernardino Rd. West Covina CA 91790 626-813-1234 ext 274 jiannini@concordebattery.com

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Interspace Battery Corporation
2009 San Bernardino Road, West Covina, California 91790 USA
Telephone 626-813-1234 | Fax 626-813-1235

Staff Response to Comment Letter #3

Response 3-1

PAR 1147 provides an exemption from the emission limits of Tables 1 and 2 for low-emitting units that demonstrate daily emissions of less than one pound per day of NOx. The daily emission demonstration provisions have been updated to allow owners or operators of low emitting units to demonstrate NOx emissions of less than one pound per day by calculating monthly NOx emissions of less than 30 pounds. Calculations can be done with non-resettable hour meter or non-resettable gas meter. Additional information on calculation of less than one pound per day can be found in Chapter 3 of this staff report. The monthly demonstration option will provide flexibility for owners and operators that operate equipment a few days of the month that potentially could exceed one pound per day but emit less than one pound per day on a monthly average.

A-6

Comment Letter #4



ENVIRONMENT & HEALTH

Mr. Michael Morris Planning and Rules Manager South Coast Air Quality Management District 21865 Copley Drive Diamond Bar, CA 91765

COMMENTS ON PROPOSED AMENDED RULE 1147 NO_X REDUCTIONS FROM MISCELLANEOUS SOURCES

Dear Mr. Morris:

Ramboll US Corporation (Ramboll) is pleased to submit this comment letter on behalf of its client, American Airlines, Inc., Los Angeles International Airport station (AA LAX, Facility ID 800196). AA LAX owns and operates three portable aircraft start-up (ASU) microturbines (device IDs D162, D163, and D164) fueled with diesel (manufacturer Rheinmetall Model MSU 200T) rated at 0.296 megawatts (MW) that would be subject to Proposed Amended Rule (PAR) 1147 once amended. This letter provides comments on draft rule language for PAR 1147 discussed at the Public Workshop on January 27, 2022, as it relates to device IDs D162, D163, and D164.

As previously discussed with South Coast Air Quality Management District (AQMD) staff in person on June 13, 2019 and via email on June 18, 2019, May 14, 2020, and September 23, 2020, American Airlines believes that the appropriate Best Available Retrofit Control Technology (BARCT) emission limit for the ASUs is the current permit limit 77 parts per million by volume (ppmv) at 15% oxygen (O2). As provided with the comment letter dated September 23, 2020 (see Attachment A), American Airlines determined an BARCT emission limit for the ASUs based on the cost effectiveness analysis, the extremely difficult application of selective catalytic reduction (SCR) to these microturbines, and the demonstrated low oxides of nitrogen (NOx) emissions due to limited operation of these microturbines. Based on feedback in previous discussions and working group meeting presentations, we understood that the South Coast AQMD agreed the appropriate BARCT emission limit for the ASUs was the current permit limit 77 ppmv at 15% O2. As currently drafted, PAR 1147(d)(9) does not provide an exemption from the emissions limits in Table 2. Therefore, we request PAR 1147(m) be revised to include a paragraph (e.g., PAR 1147(m)(12)) as follows:

"Emission requirements of (d)(2), (d)(3), (d)(5), and Table 2 shall not apply to owners or operators of an in-use distillate fuel-fired Turbine permitted prior to [Date of Adoption] in compliance with (d)(9)".

Also, as currently drafted, PAR 1147(d)(9) would require an owner or operator of an in-use distillate fuel-fired turbine permitted prior to adoption of PAR 1147 subject to

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RAMBOLL

emission limits of Table 1 to submit a permit application by July 1, 2023 to add a permit condition of annual fuel throughput limit of 13,800 gallons/year. In the current permit for AA LAX, the existing permit condition C1.17 limits fuel usage at device IDs D162, D163, and D164 to no more than 13,769 gallons per year. We request the rule language in (d)(9)(A) be changed as follows:

"Submit a permit application by July 1, 2023 to add a permit condition to the Permit to Operate that requires compliance with an annual fuel throughput of 13,800 gallons/year <u>unless an existing permit condition requires compliance</u> with an annual fuel throughput of less than or equal to 13,800 gallons/year"

13,800 gallons/year <u>unless an existing permit condition requires compliance</u>
<u>with an annual fuel throughput of less than or equal to 13,800 gallons/year</u>"

Additionally, as currently drafted, PAR 1147(h)(1)(A) requires a source test period of at least 15 minutes of combustion system operation. In accordance with Regulation XX, the approved source test protocol for

request that PAR 1147(h)(1) allow for source tests to be performed pursuant to an approved source test protocol in accordance with Regulation XX.

Finally, the definition of "turbine" in PAR 1147(c)(33) has a typo and we believe was intended to state,

"portable equipment that will reside at the same location for no more than 12 consecutive months".

device IDs D162, D163, and D164 requires six minutes of combustion system operation (i.e., five minutes for start-up and warm-up period with no load connected then one minute with a load bank). Therefore, a source test pursuant to PAR 1147 could not be used to demonstrate compliance with Regulation XX. We

If there are any questions, please feel free to contact me at (213) 943-6360.

Yours sincerely

4-2

cont'd

Joseph Hower, PE, DEE Principal and Vice-President – Mechanical Engineering D 213.943.6319 jhower@ramboll.com M. Scott Weaver, QEP Principal D 213.943.6360 msweaver@ramboll.com

MM:eg

cc: Shawn Wang, Gary Quinn, and James McCreary; South Coast AQMD John Haney and Ioane Etuale, AA LAX Melissa McMeechan, Ramboll

2/2

Staff Response to Comment Letter #4

Response 4-1

Staff appreciates the feedback and has worked with the facility during the rulemaking process including one site visit to observe the equipment mentioned in this letter.

Response 4-1

Staff agrees with the commenter that BARCT for in-use distillate turbines less than 0.3 MW is 77 ppm at 15% O₂ as shown in PAR 1147 Table 1. Clarifications have been made in PAR 1147 which provides the extended compliance schedule for the in-use distillate turbines and the units will be required to submit permit applications to meet tightened limits of PAR 1147 once the units become 32 years of age. To further clarify the applicability of the fuel usage limit for in-use distillate fuel turbines in PAR 1147, rule language has been updated to allow for permit limits of below 13,800 gallons of fuel per year.

To account for facilities with existing approved protocols for Regulation XX compliance, PAR 1147 subdivision (h) will also include provision to accept source testing periods as part of previously approved protocols that may differ from the existing provisions of at least 15 minutes in PAR 1147.

Staff has discussed with the commenter the definition for "Turbine" in PAR 1147 and came to consensus to maintain existing definition unchanged.



FURNACE DYNAMICS

261 Euclid Ave. Long Beach, CA 90803 562-433-3025

February 9, 2022

Mr. Michael Krause
Assistant Deputy Executive Officer For Rules and Planning
South Coast Air Quality Manage District
21865 Copley Drive
Diamond Bar, CA 91765

RE: Comments Relating to PAR 1147 Staff Report

Dear Mr. Krause,

I have reviewed the PAR 1147 Preliminary Draft Staff Report. Below provides some elements of concern as to the projected NOx ppm value for <1200D and > 1200F devices. To that end I offer the following thoughts for your review and consideration.

General thoughts:

- 1) In 2008, prior to rule implementation, I recommended that staff provide an implementation document since many of the companies involved were small and not familiar with rule ease. We suggested that this document be written in plain English not legalese. I was concerned that the compliance level would be small. After the first compliance deadline inspectors went into the field and found that the compliance level was about 5%.
- 2) When RECLAIM was developed, there were many of very detailed implementation documents that assisted the regulated community in the understanding of the new rule. I firmly believe this is needed for both 1147.2 and 1147.

Concerns on Proposed Rules:

- 1) The all too broad classification of a type of equipment as "each class or category of source" is problematic in that there are a very large number of one-of-kind pieces of equipment within a single designation of equipment. Where this is valid is in categories such as IC Engines and Boilers where manufacturers build identical model number devices, in some cases by the thousands. Many of the devices covered in 1147 have a significantly different configurations within a specific device description that include BTU inputs, physical sizes and also purposes of use.
- 2) Whereas staff has multiple source tests to signify acceptability, the specific details are not presented in enough detail to deem an acceptable ppm value for the group as a whole. We have included a chart that illustrates Eclipse ThermJet burners of different input that illustrate that even within a

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5-1

5 - 2

Furnace dynamics

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specific burner designation the exit velocities can vary from 300 mph to 468 mph depending on the input. In the chart it shows the NOx ppm at high fire and a lower firing rate. You can see the numbers vary significantly. Also is a chart for the Eclipse Winnox model designations that also show the same high fire and lower firing rate NOx values. These too also vary significantly. To that end where a specific burner may show good source test results on a particular device, the use of a different burner model on a different device within a specific class or category will not yield the same results. Even with the same model number of burner, the results can vary due to the custom designed and engineered device. We have seen that the same burner type but with a different BTU input can yield a low of 9 ppm and a high of 25 ppm on the same type of device in the same plant.

5 - 2 cont'd

3) Due to this variability in types of equipment the over generalization of emission values of 20 ppm for devices <1200°F and 30 ppm for devices >1200°F is not only overly optimistic but unrealistic. The net effect is the requirement that cannot be met due to highly specific criteria of devices will place the permit holder in a difficult position of needing to comply – yet left with no viable avenue of compliance and thus in jeopardy of fines.

Source Test Results:

- 1) Staff has provided source test results for a number of devices that illustrate the efficacy of the 20 ppm or 30 ppm limits. However, there are literally hundreds of devices that were never tested or were over these limits. Therefore, to deem as acceptable the proposed limits creates a false impression that all devices within a specific category can comply with the proposed limits. We think some concerted thought needs to be initiated into the totality of the sources to substantiate if the values are actually valid for each of the designated category of equipment.
- 2) According to the Staff Report page 1-6 there are 5,300 devices from 3,000 facilities included in the revised Rule 1147. Please provide the number b-cats that were evaluated in each category of the evaluation. In a Public Records Request in 2009 staff indicated that there was a total of 260 b-cats included. Within each source category there can be multiple b-cats. Please provide the number of b-cats that were evaluated. This should be broken down to the number of devices within each of the b-cats that were under 1200°F and number of b-cats over 1200°F. This is important for the public to evaluate the completeness of the evaluations. A critical element to understanding of source test results include not only the specific data for each device but also the firing rate during the source testing. Typically, a device that is tested when firing harder will yield a lower NOx value. This is generally universal across all devices. A device that is operating at 60% of maximum will yield lower ppm values than the same device operating at 20% of maximum. This needs to be taken into consideration in the evaluation of source test data.
- 3) On page 2-3 under the afterburner, et.al. grouping the input range went from <1 MMBTU/hr to 189 MMBTU/hr. Needless to say, there is a vast difference in the range of <1 MMBTU/hr to 189 MMBTU/hr, this includes purpose, input, configuration, burner selection, etc. That being said, it</p>

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- would be difficult to be able do draw a conclusion that 20 ppm is technically feasible for all units in the group. Please provide a higher degree of specificity as to the efficacy of the 20 ppm.
- 4) On page 2-5, the writeup indicates that 9 of the 68 units source tested devices were below 30 ppm. This represents only 13.2% of the group that were below 30 ppm. We believe this cannot possibly be an acceptable representation of a finding of 30 ppm as a new limit for the group. Please provide the rational behind this finding of such a low percentage to be an acceptable limit.
- 5) As with the above, evaporator, fryer, heated process tank or parts washer, the sampling shows 8 of 51 devices at the <60 ppm value. Due to the significant differences in these devices, only 15.6% tested below 60 ppm. Please provide detailed information as to which b-cats were studied, what burners were used configuration of the devices and the input of the burners.
- 6) Page 2-6 for ovens, dehydrator, dryer, heater, kiln calciner, cooker, roaster, furnace, or heated storage tank grouping there are 1,509 devices only 728 of those were chosen to be representative or 48% of the total group. However, of those only 201 were evaluated from source test data. That means that only 13.3% of the total group were used in the evaluation. Because of the vastness of this group and the large number of custom designed and engineered devices, please provide the number of b-cats in each group that were studied, and a description of each devices studied. It is difficult to understand that such a small representation of the total were used to validate the finding of either 20 or 30 ppm.

General Concerns:

- In the examples above there is a relatively small number of source tests used to justify the proposed rule values. We respectfully request a complete listing of b-cats used in the studies and complete description of the specific devices be provided to the public.
- 2) For staff to show an acceptable percentage of devices compliant with the proposed rule a more complete evaluation is necessary. When the representative sample is very low for justification of limits, it would not look good for the rule making process if only 20% of the devices were found to comply or are capable of complying with the stated limits.

Cost Effectiveness Evaluations:

1) We are concerned that the methodology used to justify the stated cost effectiveness values are too low. To that end, we would like to see the actual numbers used in the evaluations. This would include which b-cats were evaluated, the quantify of devices <1200°F and >1200°F in each b-cat. The data would include burner costs, installation costs (including piping, electrical, engineering) from vendor quotes, commissioning costs, etc. We are not interested in the facility ID or permit numbers. In some evaluations for the 1147.2 devices, the numbers can be over \$500,000/controlled ton of emissions reduced. Therefore, the exact numbers are important as well as the quantity of devices evaluated.

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5 - 3 cont'd

5-4

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- Whereas, the staff report indicates that devices were evaluated on an individual basis, none of the individual data is presented.
- 3) The identified limit for cost effectives has been stated at \$50,000/ton. Our concern is that is the actual value is dramatically above the stated limit, what options are available to the permit holder. We would recommend that a permit holder would conduct a complete evaluation of all costs associated with the retrofit presented to staff for evaluation. If the numbers are excessively high, a temporary off ramp be established for a 3-year period. This would be in the form of a letter in the permit holders file that staff has evaluated the data presented and concurs with the numbers. In three years, another evaluation is completed to determine if the values, due to technology, have been reduced to an acceptable value.

5 - 5 cont'd

4) Page 2-17 indicates that without the use of AER information a national capacity factor be applied of 80%. The question is, does this number refer to a production output of the plant product or the BTU input of the equipment. We have looked at a variety of different industries – forging, heat treating, autobody heated booths, powder coating, etc. We looked at the PTE of all the devices in the plant and compared that number with the Gas Company invoices to determine the % of PTE actually realized. Those number ranged from 10.65% to 19.9% PTE. Staff has this information based on the AERs presented. We feel the 80% has no relevance to combustion equipment utilization.

Overall Comments:

Whereas we appreciate the amount of work done by staff, more complete analysis needs to be presented to the public to quantify the numbers provided in the staff report. Please let us know when this information will be available.

5 - 6

Sincerely,

Anthony W. Endres President

cc. Mr. Gary Quinn, P.E. Mr. Shawn Yang

Enc.

Innovative Consulting and Furnace Designs For Industry

May 2022

Staff Response to Comment Letter #5

Response 5-1

After adoption of PAR 1147, staff is committed to developing an implementation guidance document to help businesses comply with rule requirements. In addition, staff will develop and distribute an updated outreach pamphlet that was initially released in 2019.

Response 5-2

During the 2017 rule amendment for Rule 1147, South Coast AQMD staff completed a technology assessment which was independently reviewed by ETS, Inc. The third-party review of the 2016 Technology Assessment for Rule 1147 equipment generally supported the equipment grouping established in Rule 1147; however, considerations were made from discussions with stakeholders during rulemaking for PAR 1147 which resulted in creation of new equipment categories due to their unique challenges. New categories such as Autoclaves, Tunnel Kilns, Chillers, and Turbines <0.3 MW were established based on stakeholder feedback.

During the technology assessment for PAR 1147, staff reviewed over 430 source test reports from equipment impacted by PAR 1147 to determine the staff recommendations for BARCT emission limits. Further detail on technology assessment for PAR 1147 can be found in Chapter 2 of this staff report.

Response 5-3

As previously stated in response 5-3, staff evaluated results from over 430 source test results from equipment subject to PAR 1147 to establish emission limits for PAR 1147. Source test data is collected from equipment during normal operation. Staff agrees that burner load does impact emissions performance of burners; however, this can be mitigated with proper burner sizing. As part of research conducted during the 2017 Technology Assessment review, ATS identified the following article by Matt Brueck of Maxon Corporation which provides an overview of differences between traditional burners and low NOx burners:

¹¹Traditional oven burners have higher thermal turndowns than low emission oven burners. Because of this, low NOx oven burners should never be oversized. In the past, a larger-than-necessary burner may have been used without concern for overheating the oven at low fire. Now it is recommended that engineers look closer at an oven's heat balance, especially at low fire. In short, use the smallest low NOx burner possible for any application below about 5,000,000 Btu/hour.

The technology assessment was also conducted based on individual equipment categories with discussions from equipment manufacturers. Proposed limits of PAR 1147 were established with feasibility from source test results, current permit limits, as well as discussions from manufacturers.

During the initial stages of PAR 1147 development, staff developed and evaluated a list of applicable basic equipment category (BCAT) and control equipment category (CCAT) numbers associated with miscellaneous combustion equipment. Numbers that were no longer in use were removed from the evaluation, and new numbers were added to account for newly established PAR 1147 equipment categories. The final count of BCAT and CCAT numbers evaluated totaled around 200. It is important to note that the list of BCAT and CCAT numbers used in the assessment are

¹¹ Brueck, Matt; California Emissions Standards Met With Oven Retrofit. Process Heating, May 1, 2002.

inherently grouped based on their respective PAR 1147 equipment categories and generally do not reference process temperatures for most instances.

Response 5-4

Furnishing the complete list in a response format here will not add value to the staff report; the commenter may submit a California Public Records Act request for any extraneous records that are subject to release.

As part of developing PAR 1147, staff conducted a comprehensive technology assessment of all existing and new equipment categories. From that technology assessment, the proposed limits of PAR 1147 are determined to be feasible. Staff also developed an extended compliance schedule for equipment that complies with existing Rule 1147 limits where most equipment impacted by PAR 1147 would not need to submit applications to comply with the new tightened limits until the burner becomes 32 years of age, which is the expected time of natural equipment turnover.

Summary of the technology assessment can be found on Table A-1 below:

Table A-1: Summary of Technology Assessment

Equipment Category	Operating Temperature	Staff Recommendation ¹	# of Source Test Meeting Staff Recommendation
Oven, Dehydrator, Dryer, Heater, Kiln, Calciner,	<1,200°F	20 ppm	87 out of 196
Cooker, Roaster, Furnace, or Heated Storage Tank	≥1,200°F	30 ppm	3 out of 5
Tunnel Dryers	<1,200°F	30 ppm	1 out of 1
Tumer Bryers	≥1,200°F	60 ppm	5 out of 5
Afterburner, Degassing Unit, Thermal Oxidizer, Catalytic Oxidizer or Vapor Incinerator	All	20 ppm	54 out of 80
Remediation Unit	All	60 ppm	No Source Test Identified, No Change in Rule Limit
Evaporator, Fryer, Heated Process Tank, and Parts Washer	All	60 ppm	8 out of 8
Burn-off Furnace, Burnout Oven, Incinerator, Crematory with or without Integrated Afterburner	All	30 ppm	10 out of 68
Tenter Frame, Fabric or Carpet Dryer	All	20 ppm	1 out of 29
Other Unit and Process	<1,200°F	30 ppm	No Source Test Identified, No Change in
Temperature	≥1,200°F	60 ppm	Rule Limit
Chillers	All	20 ppm	12 out of 12

Equipment Category	Operating Temperature	Staff Recommendation ¹	# of Source Test Meeting Staff Recommendation
Micro-Turbines (All Other)	All	9 ppm	17 out of 17
Micro-Turbines (In-Use Distillate Fuel)	All	77 ppm	3 out of 3
Rotary Dryers	All	30 ppm	1 out of 1
Auto-Claves	All	30 ppm	2 out of 2
All Liquid Fuel-Fired Units	<1,200°F	40 ppm	No Source Test Identified, No Change in
	≥1,200°F	60 ppm	Rule Limit

Response 5-5

Cost effectiveness methodology is outlined in Chapter 2 of this staff report including the method used and comparison between discounted cash flow and levelized cash flow. Equipment cost as well as installation cost curves are shown in Figure 2-12 of this staff report. Category specific average for cost effectiveness as shown in Table 2-2 of this staff report is calculated using a bottom-up approach which considers individual equipment costs. As part of the cost effectiveness analysis, staff calculates emissions for equipment usage based on either actual emission such as AER reported emissions or the average industrial production and capacity utilization released by the United States Federal Reserve printed on February 7, 2011¹². The average capacity utilization of 80% was only used if real world emissions data was not available.

PAR 1147 also provides an extended compliance schedule for equipment already in compliance with existing Rule 1147 emission limits. From the 2011 amendment of Rule 1147, the final implementation of Rule 1147 limits established in 2008 was in 2019. Therefore most, if not all equipment located at non-RECLAIM facilities applicable to Rule 1147, would need to submit permit applications to comply with applicable PAR 1147 emission limits when the burner reaches 32 years of age.

Response 5-6

Staff appreciates the commenter's feedback throughout rulemaking for PAR 1147. As previously mentioned in Response 5-4, a comprehensive technology assessment, summarized in Table A-1, was conducted along with cost effectiveness assessment to establish staff recommendations for emission limits and compliance schedule for PAR 1147. Staff also had communications with individual stakeholders and equipment manufacturers.

¹²Federal Reserve Statistical Release G.17, Industrial Production and Capacity Utilization http://www.federalreserve.gov/releases/g17/cap_notes.htm as printed on February 7, 2011.

ATTACHMENT H



SUBJECT: NOTICE OF EXEMPTION FROM THE CALIFORNIA

ENVIRONMENTAL QUALITY ACT

PROJECT TITLE: PROPOSED AMENDED RULE 1147 - NOX REDUCTIONS FROM

MISCELLANEOUS SOURCES

Pursuant to the California Environmental Quality Act (CEQA) Guidelines, the South Coast Air Quality Management District (South Coast AQMD), as Lead Agency, has prepared a Notice of Exemption pursuant to CEQA Guidelines Section 15062 – Notice of Exemption for the project identified above.

If the proposed project is approved, the Notice of Exemption will be filed for posting with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino Counties. The Notice of Exemption will also be electronically filed with the State Clearinghouse of the Governor's Office of Planning and Research for posting on their CEQAnet Web Portal which may be accessed via the following weblink: https://ceqanet.opr.ca.gov/search/recent. In addition, the Notice of Exemption will be electronically posted on the South Coast AQMD's webpage which can be accessed via the following weblink: http://www.aqmd.gov/nav/about/public-notices/ceqanotices/notices-of-exemption/noe---year-2022.

NOTICE OF EXEMPTION FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

From:

To: County Clerks for the Counties of Los Angeles, Orange, Riverside and San Bernardino; and Governor's Office of Planning and Research –

21865 Copley Drive Diamond Bar, CA 91765

South Coast Air Quality Management District

State Clearinghouse

Project Title: Proposed Amended Rule 1147 – NOx Reductions from Miscellaneous Sources

Project Location: The proposed project is located within the South Coast Air Quality Management District's (South Coast AQMD) jurisdiction, which includes the four-county South Coast Air Basin (all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino counties), and the Riverside County portion of the Salton Sea Air Basin and the non-Palo Verde, Riverside County portion of the Mojave Desert Air Basin.

Description of Nature, Purpose, and Beneficiaries of Project: As part of transitioning facilities from the Regional Clean Air Incentives Market (RECLAIM) program subject to South Coast AQMD Regulation XX to a command-andcontrol regulatory program subject to source specific standards pursuant to South Coast AQMD Regulation XI, amendments to Rule 1147 are proposed that would: 1) expand the applicability to include non-RECLAIM, RECLAIM, and former RECLAIM facilities that operate gaseous fuel-fired combustion equipment with a rated heat input of greater than or equal to 325,000 British thermal units per hour; 2) establish a nitrogen oxide (NOx) emission limit of nine parts per million by volume (ppmv) for microturbines and 20 to 60 ppmv for all remaining equipment categories, and a carbon monoxide (CO) emission limit of 1,000 ppmv for applicable equipment, depending on the application and process temperature as well as implementation timeframes; 3) establish interim limits for equipment located at former RECLAIM facilities to prevent backsliding for any RECLAIM facility exiting the RECLAIM program prior to the effective dates of the proposed NOx and CO emission limits; 4) add new and modify existing definitions of terms; and 5) update requirements for monitoring, reporting, and recordkeeping. Equipment achieving the current Rule 1147 concentration limits will be required to meet the proposed concentration limits by July 1, 2023 or when the burner reaches 32 years of age, whichever is later. In order to achieve the proposed concentration limits according to the compliance schedule up to 200 burners could be replaced with Ultra Low NOx Burners (ULNBs) or Low NOx Burners (LNBs) between July 1, 2023 and December 31, 2024 while the remainder of the affected units would be replaced between years 2025 and 2059, at the end of their useful life. Upon full implementation, approximately 1.59 tons per day of NOx emission reductions are expected.

Public Agency Approving Project:South Coast Air Quality Management District

Agency Carrying Out Project:

South Coast Air Quality Management District

Exempt Status: CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption

Reasons why project is exempt: South Coast AQMD, as Lead Agency, has reviewed the proposed project pursuant to: 1) CEQA Guidelines Section 15002(k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA; and 2) CEQA Guidelines Section 15061 – Review for Exemption, procedures for determining if a project is exempt from CEQA. Since the only physical modifications that may occur as a result of the proposed project are associated with retrofitting units with ULNBs or replacing equipment at the end of its useful life, which may be achieved without involving construction or via minimal construction activities, depending on the affected facility, it can be seen with certainty that implementing the proposed project would not cause a significant adverse effect on the environment. Therefore, the proposed project is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption.

Date When Project Will Be Considered for Approval (subject to change):

South Coast AOMD Governing Board Public Hearing: May 6, 2022

CEQA Contact Person: Kevin Ni	Phone Number: (909) 396-2462	Email: <u>kni@aqmd.gov</u>	Fax: (909) 396-3982
Rule Contact Person: Shawn Wang	Phone Number: (909) 396-3319	Email: swang@aqmd.gov	Fax: (909) 396-3982

Date Received for Filing: Signature: (Signed and Dated Upon Board Approval)

Barbara Radlein

Program Supervisor, CEQA

Planning, Rule Development, and Implementation

ATTACHMENT I

PROPOSED AMENDED RULE 1147 NOx REDUCTIONS FROM MISCELLANEOUS SOURCES

BOARD MEETING MAY 6, 2022

Background

- □ Rule 1147 was adopted in December 2008 and established NOx limits for miscellaneous sources at non-RECLAIM facilities
- Affects approximately 5,300 units located at approximately 3,000 facilities
- ☐ Proposed Amended Rule 1147 (PAR 1147)
 - Facilitates the transition from RECLAIM to command-and-control regulatory structure
 - Establishes BARCT requirements consistent with AB 617
 - Partially implements CMB-05 Further NOx Reductions from RECLAIM Assessment from Final 2016 Air Quality Management Plan

Public Process

- Eleven Working Group meetings
 - Five in-person meetings (pre-COVID)
 - Six virtual meetings
- Multiple meetings with stakeholders, vendors, and equipment manufacturers
- Stakeholders included the regulated industry, government agencies, members of the public, and the environmental representatives



Proposed Emission Limits and Compliance Schedule

Proposed Emission Limits

- NOx emission limits
 - o 9 ppmv: micro-turbines
 - o 20-60 ppmv: all remaining equipment categories
- Interim NOx limits for applicable units until required to meet proposed NOx emission limits
- New 1,000 ppmv CO limit for all applicable equipment
- Exempt units that emit less than one pound per day, averaged over a calendar month

Compliance Schedule

- Compliance schedule based on burner age:
 - o 12-years for units not meeting current Rule 1147 limits
 - o 32-years for remaining units meeting current Rule 1147 limits
- Assigns highest priority to units that have not been modified for the greatest period of time
 Consistent with AB 617

Monitoring and Reporting

Source Testing

- Frequency based on equipment size
- Includes periodic source testing schedule
- Delays source test for non-operational unit until operation is resumed
- Existing units required to source test within 24 months of rule adoption

Existing Continuous Emissions Monitoring System (CEMS)

- Applies to one existing CEMS on a RECLAIM Tunnel Kiln
- Compliance with rule limits based on rolling 24-hour average
- Comply with provisions of Rules 218.2 and 218.3
- Startup and shutdown provisions pursuant to the requirements of Rule 429

Emission Reductions and Cost-Effectiveness

NOx Emission Reductions

Cost-Effectiveness¹

Socioeconomic Assessment

1.59 tons per day

- Ranges from \$5,000 to \$49,000 per ton of NOx reduced
- Some categories meet proposed NOx limit with no additional cost to comply with BARCT
- \$2,900,000 \$3,200,000 annual compliance cost aggregated across approximately 3,000 facilities
- Up to 84 jobs foregone annually

¹Incremental cost-effectiveness assessment was conducted for each equipment category and determined to be not incrementally cost-effective

Staff Recommendations

■ Staff has worked closely with stakeholders and is not aware of any key remaining issues.

Recommendation is to Adopt Resolution:

Determining that Proposed
Amended Rule 1147 is
exempt from the requirements
of CEQA

And

Amending Rule 1147



BOARD MEETING DATE: May 6, 2022 AGENDA NO. 30

PROPOSAL: Determine that Proposed Amendments to Regulation III – Fees and

Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants are Exempt from CEQA; Amend Regulation III – Fees and Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants; and Adopt Executive Officer's FY 2022-23 Proposed Goals and Priority Objectives, and Proposed Budget

SYNOPSIS: The Executive Officer's Proposed Goals and Priority Objectives and

Proposed Budget for FY 2022-23 have been developed and are recommended for adoption. The Proposed Budget is balanced with expenditures and revenues of \$189,162,810. In addition, staff is proposing amendments to Regulation III – Fees and Rule 1480 –

Ambient Monitoring and Sampling of Metal Toxic Air

Contaminants. The amendments include: 1) an increase of most fees by 6.5 percent consistent with the Consumer Price Index and Rule 320; 2) new or increased fees which are necessary to provide more specific cost recovery for other regulatory actions taken by the agency; and 3) administrative changes in Regulation III and Rule 1480 that include clarification, deletions, insertions, or corrections of existing rule language, which have no fee impact. This action is

to adopt the Resolution: 1) Determining that the proposed amendments to Regulation III – Fees and Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants are exempt from the California Environmental Quality Act; 2)

Amending Regulation III and Rule 1480; and 3) Adopt Executive Officer's Proposed Goals and Priority Objectives, and Proposed

Budget for FY 2022-23.

COMMITTEE: Special Board Meeting/Budget Workshop, April 8, 2022, Reviewed

RECOMMENDED ACTIONS:

- Adopt the attached Resolution regarding the proposed amendments to Regulation III

 Fees and Rule 1480 Ambient Monitoring and Sampling of Metal Toxic Air
 Contaminants (Attachment F):
 - a. Determining that the proposed amendments to Regulation III Fees (which includes Proposed Amended Rule 301 Permitting and Associated Fees,

Proposed Amended Rule 303 – Hearing Board Fees, Proposed Amended Rule 304 – Equipment, Materials and Ambient Air Analyses, Proposed Amended Rule 304.1 – Analyses Fees, Proposed Amended Rule 306 – Plan Fees, Proposed Amended Rule 307.1 – Alternative Fees for Air Toxics Emissions Inventory, Proposed Amended Rule 308 – On-Road Motor Vehicle Mitigation Options Fees, Proposed Amended Rule 309 – Fees for Regulation XVI and Regulation XXV, Proposed Amended Rule 311 – Air Quality Investment Program (AQIP) Fees, Proposed Amended Rule 313 – Authority to Adjust Fees and Due Dates, Proposed Amended Rule 314 – Fees for Architectural Coatings, Proposed Amended Rule 315 – Fees for Training Classes and License Renewal) and Proposed Amended Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants are exempt from the requirements of the California Environmental Quality Act;

- b. Amending Regulation III Fees, which includes Proposed Amended Rule 301, Proposed Amended Rule 303, Proposed Amended Rule 304, Proposed Amended Rule 304.1, Proposed Amended Rule 306, Proposed Amended Rule 307.1, Proposed Amended Rule 308, Proposed Amended Rule 309, Proposed Amended Rule 311, Proposed Amended Rule 313, Proposed Amended Rule 314, Proposed Amended Rule 315; and
- c. Amending Rule 1480 Ambient Monitoring and Sampling of Metal Toxic Air Contaminants.
- 2. Approve the Executive Officer's Proposed Goals and Priority Objectives, and Proposed Budget for FY 2022-23;
- 3. Remove from Reserves and Designations all amounts associated with the FY 2021-22 Budget;
- 4. Approve appropriations in the Major Objects for FY 2022-23 of:

Salary and Employee Benefits	\$154,702,506
Services and Supplies	29,567,951
Capital Outlays	2,051,000
Transfers Out	<u>2,841,353</u>
Total	\$189,162,810

- 5. Approve revenues for FY 2022-23 of \$189,162,810;
- 6. Approve the addition of eleven net authorized/funded positions as detailed in the FY 2022-23 Budget; and
- 7. Approve a projected June 30, 2023 Fund Balance of the following:

Classification ¹	Reserves/Unreserved Designations	Amount
Committed	Reserve for Encumbrances	\$16,000,000
Nonspendable	Reserve for Inventory of Supplies	80,000
Assigned	Designated for Enhanced Compliance Activities	883,018
Assigned	Designated for Other Post Employment Benefit	
	(OPEB) Obligations	2,952,496
Assigned	Designated for Permit Streamlining	234,159
Assigned	Designated for Self-Insurance	2,000,000
Assigned	Designated for Unemployment Claims	80,000
Total	Reserved & Unreserved Designations	\$22,229,673
Unassigned	Undesignated Fund Balance	\$70,765,079

Wayne Nastri Executive Officer

SJ:JK

Background

Budget

The period covered by the FY 2022-23 budget is from July 1, 2022 to June 30, 2023. The General Fund budget is the agency's operating budget and is structured by office and account code. The accounts are categorized into three Major Objects: Salaries and Employee Benefits, Services and Supplies, and Capital Outlays. The budget is supplemented with a Work Program which estimates staff resources and expenditures along program and activity lines. A Work Program Output Justification is completed for each Work Program which identifies performance goals, measurable outputs, legal mandates, activity changes and revenue categories.

The annual expenditure and revenue budget for the General Fund is adopted on a modified accrual basis. All annual expenditure appropriations lapse at fiscal year-end if they have not been expended or encumbered. Throughout the year, budget amendments may be necessary to accommodate additional revenues and expenditure needs. The Executive Officer's Budget and Work Program for FY 2022-23 represents the input over the past several months from Board members, the public, executive management, and staff. This year's process included two meetings with the Budget Advisory Committee, one public consultation meeting held on April 5, 2022 and one Board/Budget Workshop held on April 8, 2022.

Regulation III – Fees establishes the fee rates and schedules to recover South Coast AQMD's reasonable costs of regulating and providing services to the regulated

¹ The fund balance classifications of Committed, Nonspendable, Assigned, and Unassigned are established by the Government Accounting Standards Board 54.

community, primarily permitted sources. The agency's permit program is principally supported by three types of fees, namely permit processing fees, annual renewal operating fees (equipment-based), and emissions-based operating fees. Also included in the agency's permit program are Rule 222 registration fees and plan fees, since these are similar to permits for the sources to which they apply. Regulation III also establishes fees and rates for other fee programs, unrelated to South Coast AQMD's permit program, including, but not limited to, Transportation Programs fees, WAIRE program fees (warehouse compliance), and Area Source fees (architectural coatings).

Additional fees also have been authorized by the legislature and are included in South Coast AQMD's existing fee regulation. These fees include variance and other Hearing Board fees; fees for the costs of programs related to indirect sources and area-wide sources; fees to recover the costs to the air district and state agencies implementing and administering the Air Toxics Hot Spots Program (AB 2588); fees for refinery-related community air monitoring systems; and fees for notices and copying documents. All above-referenced fees comprise approximately 60.0 percent of South Coast AQMD's revenue.

South Coast AQMD continues to implement cost recovery initiatives and cost reduction efforts, including limited increases in Services and Supplies expenditures and budgeting an 11 percent vacancy rate. In the upcoming years, South Coast AQMD will continue to face a number of fiscal challenges and uncertainties, including global economic impacts, continued uncertainty related to the COVID-19 pandemic, and resulting fluctuations in the financial market. These challenges will determine the performance of South Coast AQMD's retirement investments and impact pension liability, potential changes in federal and state grant funding levels, the need for major information technology and building infrastructure improvement projects and annual variations in penalties and settlement revenue. South Coast AQMD staff will monitor funding sources, the retirement plan, and actual financial results on a continuous basis and are prepared to make timely resource allocation adjustments as warranted.

Proposal

Budget

The proposed budget for FY 2022-23 is a balanced budget with expenditures and revenues of \$189,162,810. The proposed FY 2022-23 budget represents an increase of \$9,279,407 (5.1 percent) in total expenditures from the budget adopted by the Board in May 2021, primarily due to an increase in salaries resulting from lowering the vacancy rate from 13 percent to 11 percent, the new labor agreements approved in FY 2021-22, and an increase in budgeted positions. The proposed budget includes the net addition of eleven positions for FY 2022-23. In Services and Supplies, the proposal for FY 2022-23 reflects a net decrease of \$1,395,618 (4.5 percent) compared to the FY 2021-22 adopted budget primarily due to the maturity of the 1995 Pension Obligation bond. Capital Outlays are increasing by \$201,000 (10.9 percent) compared to the FY 2021-22 adopted budget primarily due to necessary building upgrades and fleet vehicle replacement.

The proposed FY 2022-23 budget represents an increase of \$9,279,407 (5.1 percent) in total revenue from the budget adopted by the Board in May 2021. As part of this budget package, specific fees in Regulation III – Fees will be automatically adjusted by the California Consumer Price Index (CPI) as provided for under South Coast AQMD Rule 320 – Automatic Adjustment Based on Consumer Price Index for Regulation III Fees. The proposed budget includes a 6.5 percent CPI fee increase. However, the revenue projections do not include potential increased revenue from proposed amendments to Regulation III.

Regulation III and Rule 1480

Proposed Amended Regulation III will: 1) pursuant to Rule 320, increase most fees, where applicable, by 6.5 percent consistent with the Consumer Price Index; 2) add new or increased fees which are necessary to provide more specific cost recovery for other regulatory actions taken by the agency; and 3) make other minor administrative changes which have no fee impact. Additionally, two fees will be relocated from Rule 1480 to Rule 301 in an effort to maintain consistency by including all fees within Regulation III.

As part of the 2022 Regulation III cycle, staff also considered two Rule 301 fee reassessments, as required upon rule adoption in prior years. Regulation III amendments adopted in 2018 included language in Rule 301(aa)(4) requiring a triennial fee reassessment for the annual operating and maintenance (O&M) fees associated with Rule 1180 Community Air Monitoring Systems. Additionally, the Board adopted a resolution in conjunction with the 2019 Regulation III amendments, requiring the reassessment of the restructured Toxic Air Contaminants (TAC) Fee within one year of full phase-in of those fees.

The current annual O&M fees were reassessed in December 2021 for the Rule 1180 Community Air Monitoring Network. It was determined that current fees will soon become inconsistent with Health and Safety Code Sections 42705.6(f)(1) and (f)(2). By FY 2024-25, the program is projected to carry a cumulative shortfall of nearly \$1 million. As a result, increases in Rule 301(aa) fee rates are proposed to be phased in over three years, FYs 2022-23, 2023-24, and 2024-25, to make up for the projected shortfall and to arrive at the level of fee revenue that is necessary to recover the projected program costs from FY 2024-25 onwards.² Specifically, staff is proposing targeted fee increases of 5.3 percent in FY 2022-23, followed by an additional 2.2 percent increase in FY 2023-24, and another 2.1 percent increase in FY 2024-25. The Rule 1180 fees will not be increased by the 6.5 percent CPI.

A fee reassessment of the restructured TAC Fees was completed in March 2022. Historically, South Coast AQMD collected approximately \$0.5 million annually in TAC

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² Per Health and Safety Code 40510.5, the Board shall not increase any existing permit fee by a percentage greater than any percentage increase in the CPI for the preceding calendar year unless the Board makes the required findings of necessity and the fee is phased in over at least two years.

fees paid by facilities. The new TAC fees adopted in 2019 were originally projected to raise total annual revenues to \$4.8 million upon full implementation. Actual revenues collected based on TAC emissions reported for CY 2020 totaled \$2.9 million and fell \$1.9 million short of the 2019 projections.

Based on FY 2020-21 actual expenditures, the total cost of South Coast AQMD toxics-related work remains approximately \$19.5 million, including an estimated total of \$11.0 million in AB 617 toxics-related work. South Coast AQMD continues to advocate for funding to offset costs of AB 617 toxics and non-toxics work. In addition, staff is considering rule development efforts aimed at recovering costs associated with South Coast AQMD responses to major incident events. Over the past five years, South Coast AQMD has incurred \$1 to \$3 million annually in costs due to major incidence response, with a significant portion of those costs related to TAC emissions. In addition to the current toxics-related work conducted by South Coast AQMD, CARB's new Criteria and Toxics Reporting (CTR) Regulation has the potential to increase future work and revenue associated with the Annual Emissions Reporting program.

It is currently difficult to project potential increases in revenue as a result of CTR requirements, given the uncertainty regarding the number of new CTR facilities that will report emissions and the lack of emissions data available for these facilities. Staff expects to have more information and data after the 2023 reporting period in order to better assess the revenue impacts as a result of CTR implementation. As a result, staff is recommending no changes to TAC Fees at this time, but does anticipate reassessing TAC Fee levels again in 2024.

In addition to the update to Annual O&M Fees associated with Rule 1180 Community Air Monitoring, staff is proposing six proposals to amend Rule 301 and 306 to include new and increased fees, and in some cases, clarifications to the applicable fee rates that may result in higher fee rates than the fees charged based on current practice. A proposal that would create a new equipment category in Rule 301 applicable to spray booths equipped with High Efficiency Particulate Arrestors or Ultra Low Particulate Arrestors controlling Rule 1401 Toxics, so that the most applicable fee rates can be charged to more accurately reflect the more complex permit processing required as compared to other spray booths. There are two additional proposals to add new and existing plans to the list of billable plans in Rule 306. They are new compliance plans included in the recently adopted Rule 1109.1 (specifically I-Plans, B-Plans, and B-Caps), and plans required for compliance with the National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries as specified in Code of Federal Regulations, Title 40, Part 63, Subpart UUU. There is also a proposal to add Rule 463 floating roof tank seal certifications as subject to Rule 306 plan evaluation fees. In addition, there is a proposed update to the applicable fee charged for permit applications when facilities have allowed their Permit to Construct to expire. The final proposal with fee impacts is to remove the fee exemption for Rule 1466 notification updates in Rule

301(x)(2). These fees are necessary to recover the reasonable costs of South Coast AQMD's regulatory activities to review, approve, and enforce this plans.

Public Process

The proposed FY 2022-23 budget assumes a 6.5% increase of most fees, consistent with Rule 320 which was adopted by the Board on October 29, 2010 to allow for an increase of fees based on the change in the California CPI. In accordance with Rule 320, the Draft Socioeconomic Impact Assessment for the automatic CPI-based fee increase was made available to the public on March 15, 2022.

Copies of the FY 2022-23 Proposed Budget have been transmitted to the Board and the document is also available on South Coast AQMD's website at http://www.aqmd.gov/nav/about/finance#Budgets.

During the rulemaking process for Proposed Amended Regulation III and Proposed Amended Rule 1480, one Working Group Meeting was held on March 2, 2022 and two Public Consultation Meetings were held on March 22, 2022 and April 5, 2022. Proposed Amended Regulation III and Proposed Amended Rule 1480 were also discussed at the Budget Advisory Committee on April 1, 2022 and the Board/Budget Workshop on April 8, 2022. Documents related to Proposed Amended Regulation III and Proposed Amended Rule 1480, including draft rule language, draft staff report, draft socioeconomic impact assessments, and presentation materials, have been made available on South Coast AQMD's website at http://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/proposed-rules/regulation-iii.

Key Issues

Through the rulemaking process, staff has worked with stakeholders to address and resolve all issues. Staff is not aware of any remaining key issues.

California Environmental Quality Act

Pursuant to the California Environmental Quality Act (CEQA) Guidelines Sections 15002(k) and 15061, the proposed amendments to Regulation III which involve charges by public agencies for the purpose of meeting operating expenses and financial reserve needs and requirements are statutorily exempt from CEQA pursuant to CEQA Guidelines Section 15273. In addition, the proposed amendments to Regulation III and 1480 which have no fee impact and are strictly administrative in nature are exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3). A Notice of Exemption has been prepared pursuant to CEQA Guidelines Section 15062, and is included as Attachment J to this Board letter. If the proposed project is approved, the Notice of Exemption will be filed for posting with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino counties, and with the State Clearinghouse of the Governor's Office of Planning and Research.

Socioeconomic Impact Assessments

Two socioeconomic impact assessments were conducted. The first assessment analyzes the impacts of the Rule 320 6.5 percent CPI adjustment to Regulation III fees. The second assessment, included in the staff report, analyzes the impacts of the proposed amendments to Regulation III with fee impacts beyond the CPI-based fee increase. About 44 percent of the CPI-based fee increase is estimated to be incurred by the manufacturing sector, followed by the services sector (17 percent) and the retail trade sector (13 percent). With respect to the proposed amendments with fee impacts beyond the CPI-based fee increase, facilities within the petroleum and coal products manufacturing sector are expected to incur 84 percent of the additional fee increases, primarily due to the overall increase in Rule 1180 Community Air Monitoring Annual O&M Fees that would be incurred by seven petroleum refineries and range between \$23,000 and \$84,000 per refinery per year over the next three fiscal years.

Implementation and Resource Impacts

The proposed CPI-based adjustments by 6.5 percent to most Regulation III fees, which is commensurate with the change in the California CPI from December 2020 to December 2021 pursuant to Rule 320, is estimated to result in an increase in South Coast AQMD's revenue by \$6.4 million for FY 2022-23.

Based on the proposed amendments to Regulation III, the fee impact is estimated to be \$0.33 million in FY 2022-23, \$0.43 million in FY 2023-24, and \$0.52 million in FY 2024-25 and thereafter. The proposed update to Annual O&M Fees associated with Rule 1180 Community Air Monitoring would account for 70 to 80 percent of the annual fee impact.

Attachments

- A. Summary of Proposals
- B. FY 2022-23 Proposed Budget and Proposed Goal and Priority Objectives
- C. Key Issues and Responses
- D. Rule Development Process for Proposed Amended Regulation III and Rule 1480
- E. Key Contacts List
- F. Resolution
- G. Proposed Amended Regulation III and Rule 1480 Rule Language
- G1.-
- G13. Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, 315, and Rule 1480
- H. Final Staff Report, with Socioeconomic Impact Assessment, for Proposed Amended Regulation III Fees and Proposed Amended Rule 1480
- I. Final Socioeconomic Impact Assessment for Rule 320 Automatic Adjustment Based on Consumer Price Index for Regulation III Fees
- J. Notice of Exemption from CEQA
- K. Board Presentation

ATTACHMENT A

SUMMARY OF PROPOSALS

Proposed Amended Regulation III – Fees

Fiscal Year 2022-23

Component 1: Rule 320 Consumer Price Index (CPI)-Based Fee Increase

Proposed Amended Rules: 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315

- 1) Increase in fee rates by 6.5%, which is commensurate with the percent change in the California CPI from December 2020 to December 2021, with the following exceptions:
 - a. Fee rates set by state law
 - b. Rule 311(c) Air Quality Investment Program Fees, which pay for programs to reduce emissions and do not support the SCAQMD budget
 - c. Rule 1180 Community Air Monitoring Annual Operating and Maintenance Fees and other fees adopted after Proposition 26 became effective in 2010

Component 2: Targeted Proposals with Fee Impacts for Cost Recovery

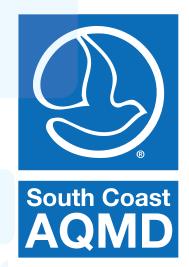
Proposed Amended Rules: 301 and 306

- 1) A proposed fee increase for Rule 1180 Community Air Monitoring Annual Operating and Maintenance Fees pursuant to Health & Safety Code (H&SC) Sections 42705.6(f)(1) and (f)(2);
- 2) A proposal to create a new equipment category in Rule 301 to correct permit fee rates for spray booths equipped with High Efficiency Particulate Arrestors (HEPA) or Ultra Low Particulate Arrestors (ULPA) used to control Rule 1401 toxics;
- 3) A proposal to add Rule 1109.1 I-Plan, B-Plan, and B-Cap as types of plans that are subject to Rule 306 Plan Annual Renewal Fees;
- 4) A proposal to add Rule 463 Floating Roof Tank Seal Certifications as a type of plan that is subject to Rule 306 Plan Evaluation Fees;
- 5) A proposal to add Operation, Maintenance, and Monitoring Plans required by National Emissions Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units as a type of plan that is subject to Rule 306 Plan Annual Renewal Fees;
- 6) A proposed update to the applicable permit processing fees for a subsequent application in the event a permit to construct has expired under the provisions of Rule 205; and
- 7) A proposed removal of the existing fee exemption in Rule 301 for notifications pursuant to Rule 1466(f)(2).

Component 3: Proposals with No Fee Impacts and/or Administrative Changes

Proposed Amended Rules: 1480, 301 and 306

- 1) The relocation of two fees from Rule 1480 (adopted in December 2019) to Rules 301 and 306;
 - a. Monitoring fees to be incorporated into Rule 301 from Rule 1480 Table 1
 - b. The fee for plan evaluation and approval of Monitoring and Sampling Plans to be moved to Rule 306(s)
- 2) A clarification to the Rule 301(b)(20) definition of "Identical Equipment." The amendment will make it clear that identical equipment must be of identical make and model;
- 3) A clarification to the Clean Fuels Fee whereby a reference to the late fee in Rule 301(e)(10)(B) is added to prevent confusion as to which late submittal surcharge is used;
- 4) A correction to language in Rule 301(e)(10)(E) specifying that fee rates for underpayments would reflect the year in which emissions occurred, not the rate at the time that the underpayment is discovered;
- 5) A clarification to the Rule 301(b)(26) definition of "Relocation." The amendment adds additional language to make the definition the same as is currently in Rule 1401; and
- 6) An extension of the deadline to submit Annual Emissions Reports and pay associated fees for 2022 emissions reported in 2023 due to the implementation of the California Air Resources Board's Criteria and Toxics Reporting Regulation.



Budget

Fiscal Year 2022-2023



South Coast Air Quality Management District



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

BUDGET FISCAL YEAR 2022-2023

Prepared by Finance Sujata Jain, Chief Financial Officer



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

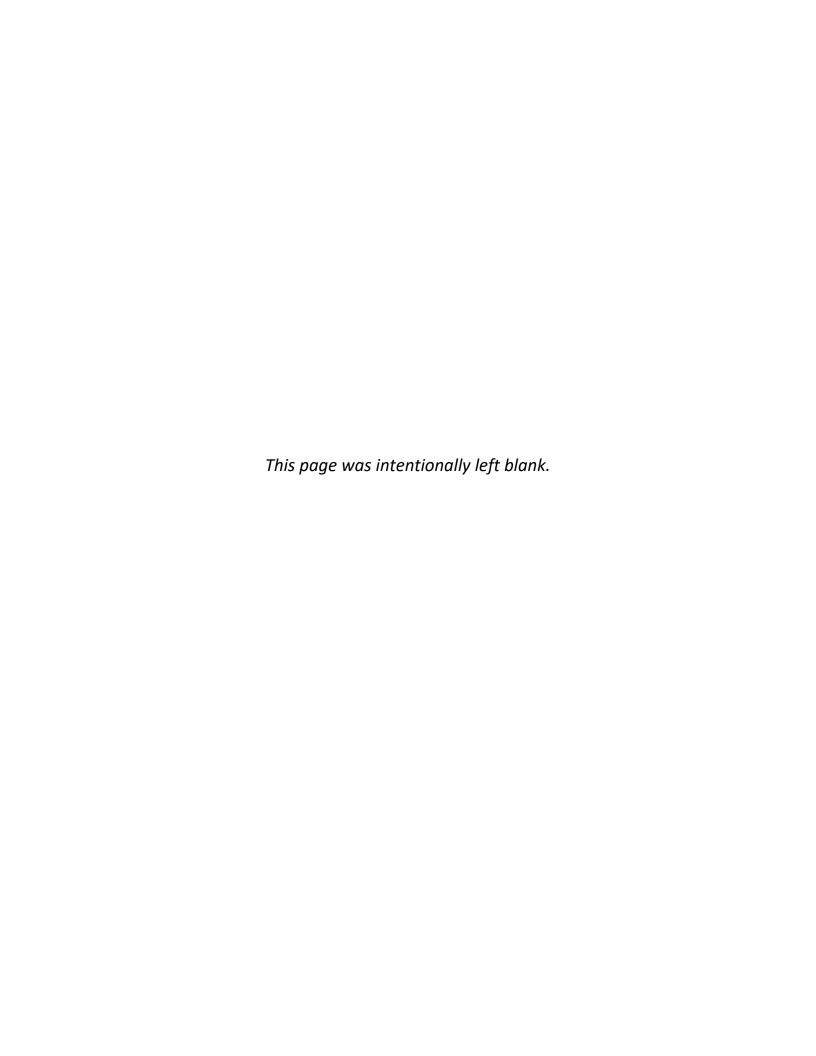


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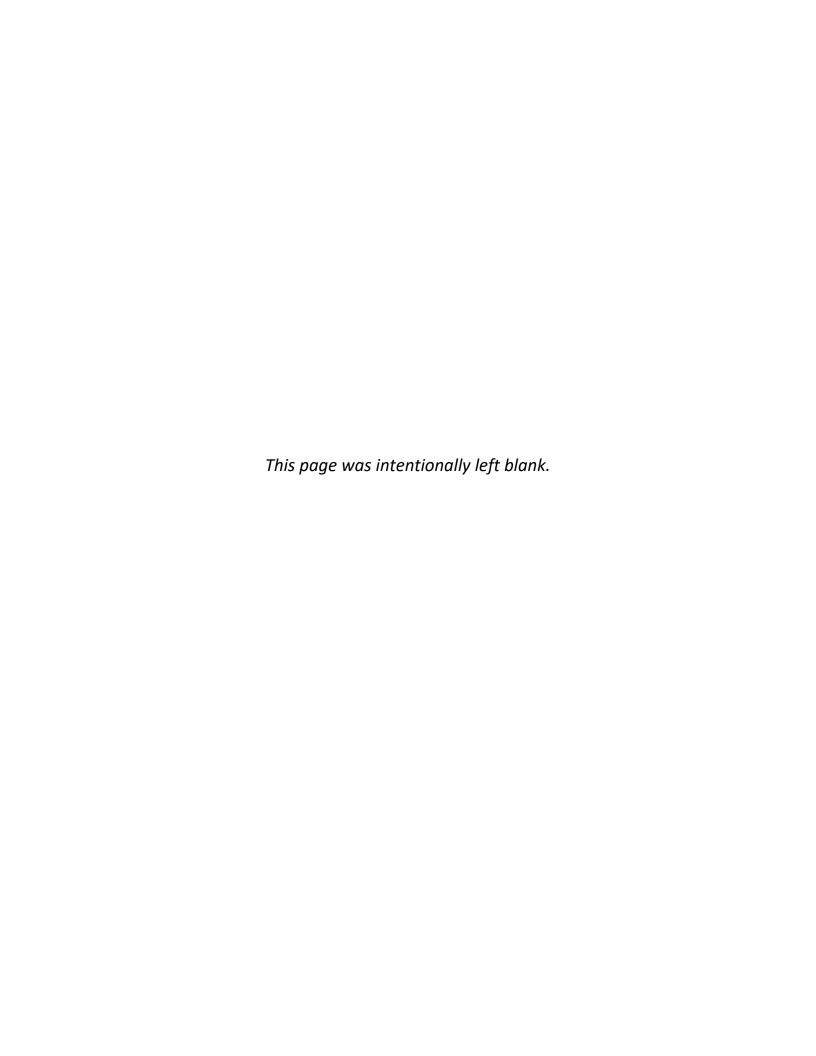
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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

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Cities of Riverside County Representative

VANESSA DELGADO Vice Chairman Senate Rules Committee Appointee

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LARRY McCALLON
Cities of San Bernardino County Representative

VERONICA PADILLA-CAMPOS Speaker of the Assembly Appointee

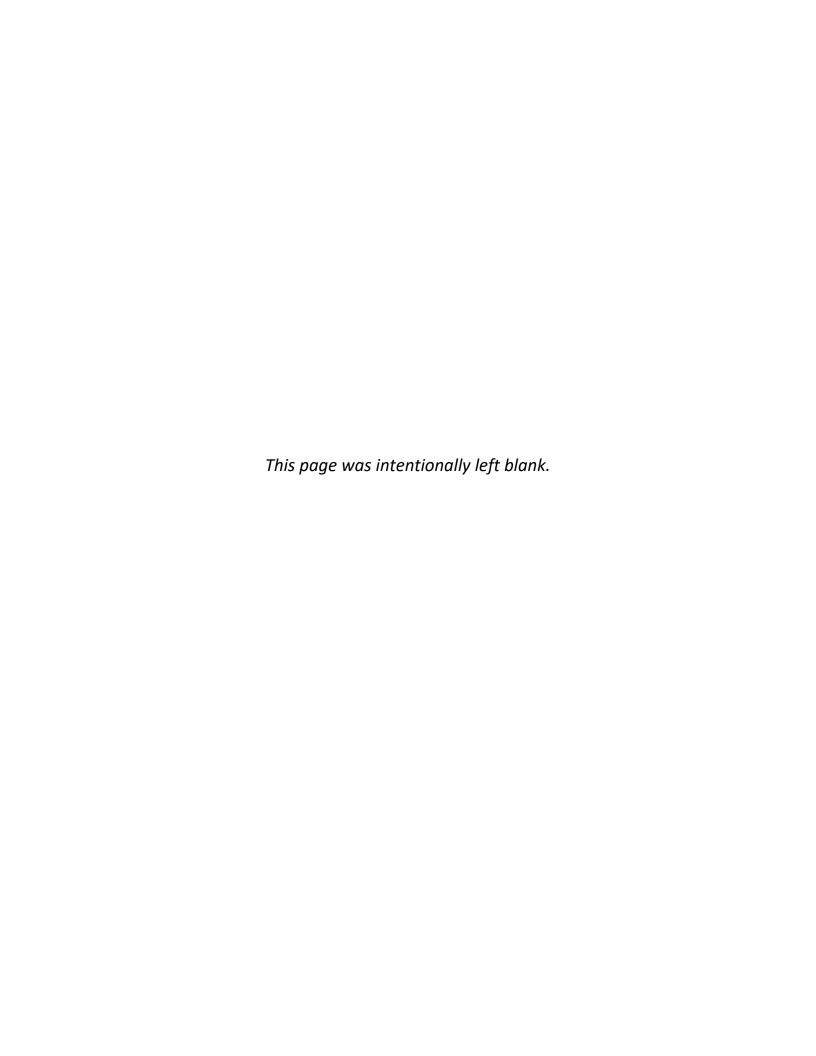
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Cities of Orange County Representative

JANICE RUTHERFORD
County of San Bernardino Representative

WAYNE NASTRI Executive Officer





May 6, 2022

South Coast Air Quality Management District Board and Stakeholders

Transmittal of the Executive Officer's Fiscal Year 2022-23 Budget and Work Program

This document represents South Coast Air Quality Management District's (South Coast AQMD) proposed General Fund Budget and Work Program for FY 2022-23. The budget was developed in accordance with statutory requirements and in consultation with South Coast AOMD's executive and program staff.

The greatest uncertainties facing South Coast AQMD's budgetary outlook stem from the continued major economic disruption due to the COVID-19 global pandemic. In these challenging times, we recognize the hardships that many are experiencing. We are making accommodations in many program areas and remain committed to protecting public health and helping business. South Coast AQMD staff will monitor the financial impacts and, in the event, that there are major changes in the economic landscape, we would make adjustments to the FY 2022-23 budget being proposed.

This budget includes a multi-year financial summary of all revenues, expenditures and staffing used by each of South Coast AQMD's programs in the delivery of essential services to clean the air and to protect the health of all residents in the South Coast Air District through practical and innovative strategies. The proposed budget for FY 2022-23 is a balanced budget with expenditures and revenues of \$189.2 million and 970 positions.

The proposed FY 2022-23 level of expenditures, up five percent from the FY 2021-22 adopted budget, is mainly due to increased costs for salaries due to lowering the vacancy rate from 13% to 11%, the new labor agreements approved in FY 2021-22 and an increase in budgeted positions. The increase in budgeted positions includes the previously approved FY 2021-22 mid-year actions adding a net of two positions and this budget proposal that is requesting a net increase of 11 positions.

The FY 2022-23 proposed revenue budget of \$189.2 million, up five percent from the FY 2021-22 adopted budget, includes steady progress on South Coast AQMD's implementation of the Volkswagen Mitigation Action, AB 617 programs, and AB 134 programs. At \$107.4 million or 57 percent of the projected revenue budget, stationary source revenues account for the largest source of revenue, and in light of the continued COVID-19 impact, could be precarious. Over the past two decades, total permit fees (including permit processing, annual operating permit, and annual emissions-based fees) collected from stationary sources has increased by about 45.2 percent from \$66.8 million in FY 1991-92 to \$101.7 million (estimated) in FY 2021-22. When adjusted for inflation however, stationary source revenues have decreased by 14 percent over this same period.

While significant efforts are put forth to develop a detailed budget for the next fiscal year, including a five-year projection, uncertain political and economic issues create challenges. These challenges include global economic impacts and uncertainty sparked by the ongoing effects of the COVID-19 outbreak and resulting fluctuations in the financial market which will determine the performance of South Coast AQMD's retirement investments and thus impact pension liability; changes in federal and state grant revenue funding levels; increased infrastructure costs due to an aging headquarters building; and Penalties and Settlement revenue that varies annually. South Coast AQMD staff will monitor funding sources, our retirement plan, and actual financial results on a continuous basis and is prepared to make timely resource allocation adjustments as warranted. Additionally, the proposed budget includes an assigned/unassigned general fund balance of 41 percent of FY 2022-23 revenues to provide a reasonable financial safety net.

The public and the business community have multiple opportunities to participate in the budget development process. This includes meetings of the Budget Advisory Committee which is made up of representatives from the business and environmental communities, a public consultation meeting to discuss the proposed budget and work program, and two meetings of the Governing Board. The public consultation meeting and Governing Board meetings are noticed to the public through direct mail and emails to permitted facilities and other stakeholders, print media, and through the South Coast AQMD website.

In summary, I am proposing a balanced budget for FY 2022-23 that allows South Coast AQMD programs to operate efficiently, transparently, and in a manner sensitive to public agencies, businesses and the public, while providing continued emission reductions and health benefit improvements. The proposed FY 2022-23 Budget and Work Program serves to ensure the continued strength and stability of the South Coast AQMD as we make progress toward attaining the federal and state clean air mandates and further protect public health.

Respectfully,

Wayne Nastri, Executive Officer

SJ:JK



GOVERNMENT FINANCE OFFICERS ASSOCIATION

Distinguished Budget Presentation Award

PRESENTED TO

South Coast Air Quality Management District California

For the Fiscal Year Beginning

July 01, 2021

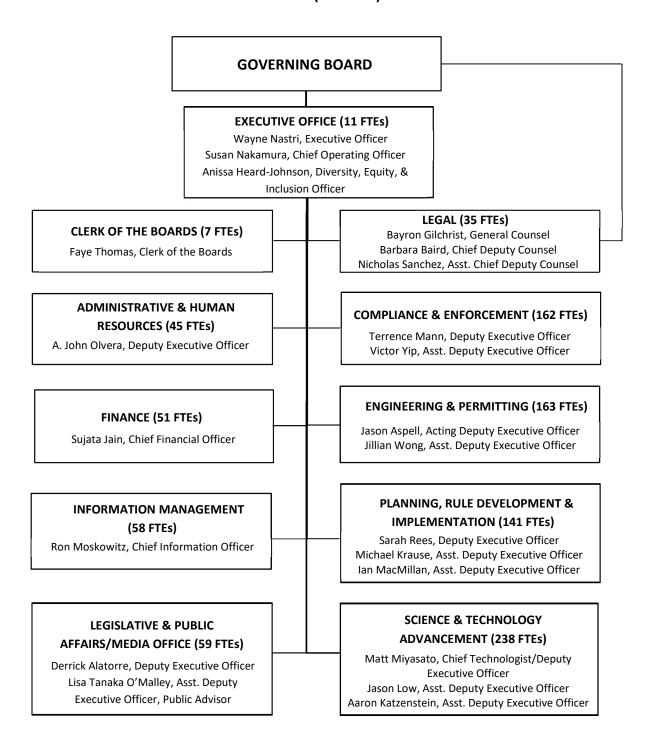
Chuitophu P. Morrill
Executive Director

Executive Director

Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to South Coast Air Quality Management District, California, for its Annual Budget for the fiscal year beginning July 01, 2021. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as a financial plan, as an operations guide, and as a communications device.

This award is valid for a period of one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to GFOA to determine its eligibility for another award.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (970 FTEs)



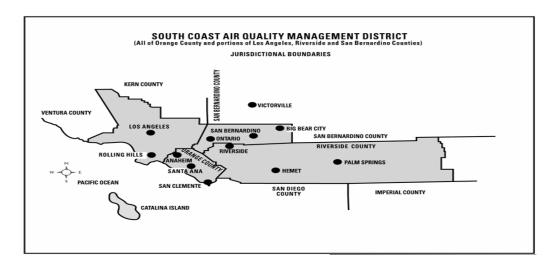
SUMMARY

Preface

This document represents the proposed FY 2022-23 Budget and Work Program of the South Coast Air Quality Management District (South Coast AQMD). The proposed budget is available for public review and comment during the month of April. A public consultation meeting is scheduled to discuss the proposed budget and proposed fees changes on April 5, 2022. In addition, a workshop for the Governing Board is scheduled on April 8, 2022. A final Proposed Budget and Work Program, which may include changes based on input from the public and Board, will be presented for adoption at a public hearing on May 6, 2022.

Introduction

The South Coast Air Quality Management District (South Coast AQMD) began operation on February 1, 1977 as a regional governmental agency established by the California Legislature pursuant to the Lewis Air Quality Management Act. The South Coast AQMD encompasses all of Orange County and parts of Los Angeles, San Bernardino, and Riverside Counties. It succeeded the Southern California Air Pollution Control District (APCD) and its predecessor four county APCDs, of which the Los Angeles County APCD was the oldest in the nation, having been formed in 1947. The South Coast AQMD 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 the 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 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 and one member representing the City of Los Angeles.



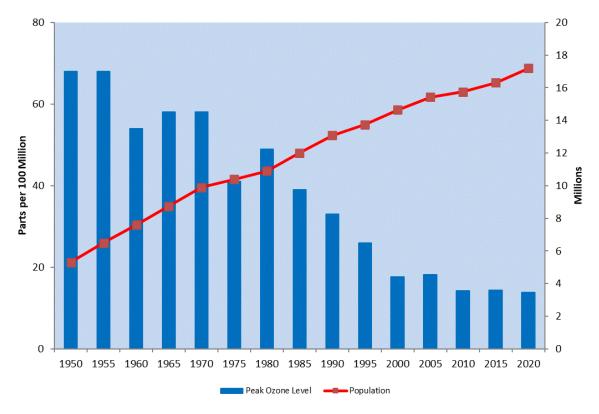
Air Quality History

The South Coast Air Basin (Basin) has suffered unhealthful air since its rapid population growth and industrialization during World War II. While air quality has improved, the residents of the Basin still breathe some of the most polluted air in the nation.

The 70-year history of the region's air pollution control efforts is, in many ways, one of the world's key environmental success stories. Peak ozone levels have been cut by almost three-fourths since air monitoring began in the 1950s. Population exposure was cut in half during the 1980s alone.

Since the late 1940s, when the war on smog began, to 2020, the region's population has more than tripled from 4.8 million to 17.2 million; the number of motor vehicles has increased more than six-fold from 2.3 million to 14.1 million; and the area has grown into one of the most prosperous regions of the world. This phenomenal economic growth illustrates that pollution control and strong economic growth can coincide.

70 Years of Progress in Reducing Ozone Levels



Mission

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. This mission is pursued through a comprehensive program of planning, regulation, education, enforcement, compliance incentives, technical innovation, and promoting public understanding of air quality issues. The South Coast AQMD has implemented a policy of working with regulated businesses to ensure their participation in making the rules which will impact them. This cooperative approach has resulted in greater business support of rulemaking efforts for air that is more healthful to breathe.

To carry out its mission, South Coast AQMD develops a set of Goals and Priority Objectives which are evaluated and revised annually and presented as part of the budget proposal. The following proposed goals have been identified as being critical to meeting South Coast AQMD's Mission for FY 2022-23:

- I. Achieve Clean Air Standards.
- II. Enhance Public Education and Equitable Treatment for All Communities.
- III. Operate Efficiently and Transparently.

These goals are the foundation for South Coast AQMD's Work Program categories. Each goal is supported by multiple activities, which target specific areas of program performance.

Air Quality

Overview

South Coast AQMD has jurisdiction over an area that includes the majority of Los Angeles, Riverside, San Bernardino, and Orange counties. There are three air basins within this region: the South Coast Air Basin, the Riverside County portion of the Salton Sea Air Basin (Coachella Valley), and the Riverside County portion of the Mojave Desert Air Basin. The South Coast Air Basin (Basin) and the Coachella Valley has some of the highest air pollution levels in the United States. The federal government has designated seven pollutants that are pervasive enough to warrant federal health standards, called National Ambient Air Quality Standards (NAAQS). Known as "criteria pollutants," these are: ozone (O₃); nitrogen dioxide (NO₂); particulates (PM10); fine particulates (PM2.5); carbon monoxide (CO); lead (Pb); and sulfur dioxide (SO₂).

In addition, the State of California sets ambient air quality standards for these same pollutants through the California Air Resources Board (CARB). California's standards are in some cases tighter than the United States Environmental Protection Agency's (U.S. EPA) standards, which strengthens the public health protection. Toxic compounds also are a potential problem. More toxic pollution is emitted into the air in the Basin than in any other region in California. The Basin's large number of motor vehicles and minor sources, including small businesses and households using ozone-forming consumer products and paints, compound the problem.

Air Quality Trends

While our air quality has improved significantly over the past several decades, the Basin continues to have the worst air pollution in the country. Ozone levels have fallen by more than three-quarters since peaks in the mid-1950s, but the basin fails to meet current federal ozone standards. In 2021, the 2015 8-hour ozone NAAQS was exceeded in the Basin on 130 days and the former 1997 8-hour ozone NAAQS was exceeded on 67 days. The 2015 ozone NAAQS was exceeded in the Basin on 157 days in 2020 and 126 days in 2019. Note that all the air quality values for 2021 in this report are preliminary values that are subject to change during the validation process. Though the ozone air quality has improved substantially over the long term, ozone levels have remained relatively stable over the past decade. However, continued reductions in ozone precursor emissions are expected to improve ozone air quality. Year-to-year variability can be caused by enhanced photochemical ozone formation due to persistent weather patterns that limit vertical mixing and warm the lower atmosphere. Changes in the relative emissions of volatile organic compounds (VOCs) or oxides of nitrogen (NOx) can also affect the chemistry of ozone formation and lead to marginal short-term increases in ozone concentrations as NOx is reduced. While the ozone control strategy continued to reduce precursor emissions from man-made sources in the Basin, emissions of natural ozone precursors are not controllable. Ozone-forming emissions transported from frequent summer wildfires throughout California and year-to-year changes in the VOC emissions from vegetation resulting from dry and wet rainyseasons can affect year-to-year differences in ozone concentrations. The maximum observed ozone levels also show some year-to-year variability but have generally decreased up until the last decade where ozone concentrations have generally remained constant. The highest 8-hour ozone level in the 2021 data was 120 ppb, compared to 139 ppb in 2020 and 117 ppb in 2019.

PM2.5 levels have decreased dramatically in the Basin since 1999. Effective March 18, 2013, U.S. EPA strengthened the annual average PM2.5 standard from 15.0 μg/m³ to 12.0 μg/m³, while retaining the 24-hour PM2.5 NAAQS of 35 μg/m³. In 2020, the 24-hour PM2.5 NAAQS was exceeded on 34 days in the South Coast Air Basin. In 2021, there were 24 exceedance days, based on preliminary continuous PM2.5 measurements. Because the highest PM2.5 concentrations typically occur during the rainy-season, design values are heavily dependent on the frequency of wintertime storm systems, which increase ventilation and remove PM when rainfall is present. PM2.5 concentrations are also significantly influenced by firework emissions and wildfire smoke, which can be transported across wide distances. PM2.5 levels during Independence Day on July 4th and 5th are typically among the highest days of the year in the Basin. In 2021, most of the exceedances of the 24-hour standard were recorded during a period of unfavorable meteorology in November and early-December. The historically large ship backlog at the ports of Los Angeles and Long Beach, along with the increased goods movement throughout the Basin, may also have contributed to these high PM2.5 concentrations. While these exceedances would not be considered exceptional events by U.S. EPA guidance, several wildfires and Independence Day firework events occurring during the 2019-2021 period meet the criteria for an exceptional event. When removing the influence of events that are likely to be considered exceptional by U.S. EPA and with preliminary 2021 data, the 2019-2021 24-hour design value is 37 µg/m³, measured at the Mira Loma station. The Basin's annual 2019-2021 design value in 2021 was 13.9 µg/m³ (preliminary data) at the Ontario-60 near road site after removing likely exceptional events.

In 2006, the U.S. EPA rescinded the annual federal standard for PM10 but retained the 24-hour standard. The U.S. EPA re-designated the Basin as attainment of the health-based standard for PM10, effective July 26, 2013. Apart from a handful of dust events caused by high winds, ambient levels of PM10 in the Basin have continued to meet the federal 24-hour PM10 NAAQS through 2021 based on preliminary data.

In November 2008, the U.S. EPA revised the lead NAAQS from a $1.5~\mu g/m^3$ quarterly average to a rolling 3-month average of $0.15~\mu g/m^3$ and added new near-source monitoring requirements. The Basin has been designated non-attainment for lead due to monitored concentrations near one facility in Los Angeles County prior to the 2012-2014 3-year design value period. However, starting with the 2012-2014 design value, all lead stations in the Basin have met the lead standard through 2019. 2021 concentrations are not available at the time of publication. Unfortunately, due to a temporary pause in lead monitoring caused by the initial stages of the COVID-19 pandemic, 2020 lead data fails the completeness requirements. A redesignation request to the U.S. EPA will be made when three years of complete data is collected.

Nitrogen dioxide, sulfur dioxide, and carbon monoxide levels meet all federal national ambient air quality standards. In 2007, the U.S. EPA formally re-designated the Basin to attainment of the carbon monoxide NAAQS. Maximum levels of carbon monoxide in the Basin have been consistently less than one-third of the federal standards since 2004. In 2010, the U.S. EPA revised the NO₂ 1-hour standard to 100 ppb and the SO₂ 1-hour standard to 75 ppb. In 2021, the Basin attained these standards based on preliminary data.

Mandates

South Coast AQMD is governed and directed by a comprehensive federal law (Federal Clean Air Act) and several state laws that provide the regulatory framework for air quality management in the Basin. These laws require South Coast AQMD to take prescribed steps to improve air quality.

South Coast AQMD is responsible for stationary sources such as factories. CARB and U.S. EPA are primarily responsible for motor vehicles. South Coast AQMD and CARB share responsibilities with respect to area sources. South Coast AQMD and the Southern California Association of Governments (SCAG) share some responsibilities with CARB regarding certain aspects of mobile source emissions related to transportation and land use. Control of emissions from sources such as aircrafts, ocean going vessels, trains, trucks with international and out-of-state registration, and selected off-road equipment is primarily overseen by U.S. EPA. Without adequate efforts by CARB and U.S. EPA to control emission sources under their sole authority, it is impossible for the region to reach federal clean air standards.

The following is a more specific summary of the laws governing South Coast AQMD.

Federal Law:

Federal Clean Air Act (CAA): The CAA requires attainment of National Ambient Air Quality Standards (NAAQS) for criteria air pollutants, i.e., pollutants causing human health impacts due to their release from numerous sources. The following criteria pollutants have been identified:

ozone, particulate matters (PM10 and PM2.5), carbon monoxide, lead, nitrogen dioxide, and sulfur dioxide. Current deadlines vary by pollutant and severity of pollution in the region.

State Implementation Plans: The CAA requires each state to develop a State Implementation Plan (SIP) to attain the NAAQS by the applicable attainment deadlines. SIPs must be approved by U.S. EPA as containing sufficient measures to timely attain NAAQS and meet other requirements described below. SIPs must contain air pollution measures in adopted, "regulatory" form within one year after approval by U.S. EPA. Upon approval by U.S. EPA, SIP requirements can be enforced against regulated sources by U.S. EPA and by any citizen. South Coast AQMD must develop and submit to CARB for review, followed by submittal to U.S. EPA, an element of the SIP referred to as the South Coast AQMD Air Quality Management Plan (AQMP) demonstrating how the Basin and Coachella Valley will achieve the NAAQS.

Among the numerous other CAA requirements are: a mandate that the region achieve a three percent annual reduction in emissions of ozone precursors (VOC and NOx); a requirement that new sources over 10 tons per year of VOC or NOx, and modifications to such sources, achieve lowest achievable emission rate and offset their emission increases by equal reductions elsewhere in the region and transportation control measures to reduce vehicle trips.

To date, the South Coast AQMD's Governing Board has adopted AQMPs in 1989, 1991, 1994, 1997, 1999 (amendments to the plan adopted in 1997), 2003, 2007, 2012 and 2017. The 2016 AQMP was approved in March 2017. The 2022 AQMP is currently under development to address the attainment of 2015 8-hour ozone NAAQS.

Sanctions, Federal Implementation Plans, and Conformity Findings: The CAA mandates that sanctions be imposed on an area if a suitable SIP is not submitted to or approved by U.S. EPA. These sanctions can include loss of key federal funds and more stringent requirements on new or expanding industries. Specific requirements for South Coast AQMD's AQMP include stringent requirements plus Lowest Achievable Emission Rate (LAER) and offsets for major new sources. Federal law also requires an operating permit program for major stationary sources, known as Title V, which must be supported by permit fees. In addition, air toxics regulations adopted by U.S. EPA pursuant to Title III must be implemented by South Coast AQMD.

Motor Vehicle Emission Controls: The CAA initially required U.S. EPA to adopt emission limitations for motor vehicles. The 1990 Amendments require U.S. EPA to adopt regulations to achieve further reductions in emissions from motor vehicles, as well as from other mobile sources such as locomotives. States are preempted from adopting emission limitations for motor vehicles and certain other mobile sources. Exception: California can adopt motor vehicle standards, and standards for some --but not all-- other mobile sources, and other states can adopt the California standards.

Hazardous Air Pollutants: In addition to criteria pollutants, the CAA regulates "hazardous air pollutants," i.e., those which can cause cancer or other severe localized health effects due to emissions from a single facility. U.S. EPA is required to adopt regulations mandating that new and existing sources emitting 10 tons per year or more of such pollutants employ Maximum

Achievable Control Technology (MACT) according to specified schedules. U.S. EPA is to consider further reductions in the future to eliminate any remaining unacceptable residual risk.

California Law:

The California Clean Air Act (CCAA): The CCAA establishes numerous requirements for Air District air quality plans to attain state ambient air quality standards for criteria air contaminants. For example, a plan must contain measures adequate to achieve five percent per year emission reductions or must contain all feasible measures and an expeditious adoption schedule. For Air Districts with serious air pollution, its attainment plan should include the following: no net increase in emissions from new and modified stationary sources; and best available retrofit technology for existing sources.

Toxic Air Contaminants: The Air Toxic Hot Spots Act (Health & Safety Code §§ 44300, et seq.) requires facilities emitting specified quantities of pollutants to conduct risk assessments describing the health impacts to neighboring communities created by their emissions of numerous specified hazardous compounds. If an Air District determines the health impact to be significant, neighbors must be notified. In addition, state law requires the facility to develop and implement a plan to reduce the health impacts to below significance, generally within five years. Additional control requirements for hazardous emissions from specific industries are established by the state and enforced by Air Districts.

AB 617: A requirement for Air Districts to conduct air monitoring and adopt a Community Emissions Reduction Plan for communities designated by CARB under the AB 617 statewide program.

State law also includes the following measures:

- Tanner Air Toxics Process (AB 1807) which requires CARB to adopt air toxic control
 measures to limit emissions of toxic air contaminants from classes of industrial facilities.
 Local Air Districts are required to enforce these regulations or adopt equally or more
 stringent regulations of their own;
- Health & Safety Code §42705.5 which requires Air Districts to deploy a community air monitoring system in selected locations and Section 42706.5 which requires Air Districts to design, develop, install, operate and maintain refinery-related community air monitoring systems;
- Authority for South Coast AQMD to adopt a command-and-control regulatory structure requiring Best Available Retrofit Control Technology (BARCT);
- A requirement for South Coast AQMD to establish an expedited schedule for implementing BARCT at pre-determined greenhouse cap and trade facilities;
- A requirement for South Coast AQMD to establish a program to encourage voluntary participation in projects to increase the use of clean-burning fuels; and
- A requirement for South Coast AQMD to adopt and enforce rules to ensure no net emission increases from stationary sources.

Air Quality Control

Developing solutions to the air quality problem involve highly technical processes and a variety of resources and efforts to meet the legal requirements of California and federal laws.

Monitoring: The first step in air quality control is to determine the smog problem by measuring air pollution levels. South Coast AQMD currently operates 39 monitoring stations in the South Coast Air Basin and a portion of the Salton Sea Air Basin in Coachella Valley. These range from fully equipped monitoring stations that measure levels of criteria pollutants, as well as some air toxic pollutant levels, to those which measure a specific pollutant in critical areas. These measurements provide the basis of our knowledge about the nature of the air pollution problem and the data for planning and compliance efforts to address the problem.

Pollution Sources: South Coast AQMD, in cooperation with CARB and SCAG, estimates the sources of emissions causing the air pollution problem. Nature itself causes a portion of the emissions and must be considered. In general, South Coast AQMD estimates the stationary and natural sources of emissions, SCAG develops the information necessary to estimate population and traffic, and CARB develops the information necessary to estimate mobile and area source emissions using the SCAG traffic data. This data is then consolidated in South Coast AQMD's AQMP for use in developing the necessary control strategies.

Air Quality Modeling: Using photochemical, meteorological and emissions models, South Coast AQMD planners simulate future air quality to demonstrate attainment of the applicable air quality standards and the impacts of sources to local and regional air quality. Due to the nature of air pollution, air quality models can be very complex. Some pollutants are not emitted directly into the air but are products of photochemical reactions in the atmosphere. For example, VOCs mix with nitrogen dioxide (NO₂) and react in sunlight to form ozone; similarly, nitrogen oxide gases from tailpipes and smokestacks can be transformed into nitrates or particulates (PM2.5 and PM10). The planners thus must consider transport, land use characteristics, and chemical reactions of emissions in the atmosphere to evaluate air quality impacts. Using model output, planners can look at different control scenarios to determine the best strategies to reduce air pollution for the lowest cost. The considerable data required for these analyses is collected on an ongoing basis by South Coast AQMD staff. These include, but not limited to, satellite-based air quality data, sensor-based traffic volume, ocean going vessel data collected through Automatic Identification System (AIS) transponders, and aircraft data collected using Aircraft Communications, Addressing and Reporting System (ACARS).

Planning: With emissions data and an air quality model in place, planners can develop possible control strategies and scenarios. South Coast AQMD focuses most of its effort on stationary source controls. As mentioned earlier, strategies to reduce vehicle miles traveled (VMT) are developed primarily by SCAG, while mobile source standards and control programs are developed primarily by CARB and EPA. South Coast AQMD also has limited authority over mobile sources (e.g. public fleets, indirect sources), even though South Coast AQMD adopted facility based mobile source measures and indirect source rules targeting major facilities such as airports and warehouses.

Once a plan of emission controls to achieve the NAAQS is outlined, South Coast AQMD is required to hold multiple public meetings to present the proposed control strategies and receive public input. South Coast AQMD also conducts a socioeconomic analysis of the strategies. South Coast AQMD maintains an ongoing and independent advisory group of outside experts for both its air quality modeling and socioeconomic assessment methodologies.

To meet federal air quality standards, the AQMPs and SIP submittals, including the 2016 AQMP, called for significant emissions reductions from projected baseline emissions in order to meet the NAAQS by the federal attainment deadlines (2023 for the 2006 24-hour PM2.5 NAAQS, 2025 for the 2012 annual PM2.5 NAAQS, 2023 for the 1979 1-hour ozone NAAQS, 2024 for the 1997 8-hour ozone NAAQS, 2032 for the 2008 8-hour ozone NAAQS, and 2037 for the 2015 8-hour ozone NAAQS). These combined reductions, while meeting most NAAQS, will still not result in attainment of all California State ambient air quality standards. The 2012 AQMP addressed the 24-hour PM2.5 NAAQS. The 2016 AQMP addresses the 2008 8-hour ozone NAAQS and the 2012 annual PM2.5 NAAQS and demonstrates compliance with the requirements for being a "serious" non-attainment area for the 24-hour PM2.5 NAAQS requirements. The 2022 AQMP, which is currently under development, will address the 2015 8-hour ozone NAAQS, with an anticipated adoption in 2022. Six working groups have been established to support the development of control strategies for the 2022 AQMP. South Coast AQMD will continue to improve the emissions inventories and modeling techniques for the 2022 AQMP.

Rulemaking: The regulatory process, known as rulemaking, takes the concepts of control measures outlined in the AQMP and turns them into proposed rule language. This process involves the following: extensive research on technology; site inspections of affected industries to determine feasibility; typically, a year or more of public task force and workshop meetings; indepth analyses of environmental, social and economic impacts; and thorough review with appropriate Governing Board Committees.

This extensive process of public and policymaker participation encourages consensus in development of rule requirements so that affected sources have an opportunity for input into the rules that will regulate their operations. Once the requirements are developed, the proposed rule, along with an Environmental Assessment and a socioeconomic report, is presented to South Coast AQMD's Governing Board at a public hearing. Public testimony is presented and considered by the Board before any rule is adopted. The adopted or amended rules are then submitted to CARB and U.S. EPA for their approval. It is not uncommon for rulemaking to include follow-up implementation studies. These studies may extend one or more years past rule adoption/amendment and prior to rule implementation. Such studies are typically submitted to the Governing Board or appropriate Governing Board Committees.

Enforcement and Education: South Coast AQMD issues permits to construct and operate equipment to companies to ensure equipment is operated in compliance with adopted rules. Follow-up inspections are made to ensure that equipment is being operated under permit conditions.

Technical Innovation: In the late 1980s, South Coast AQMD recognized that technological innovation, as well as rule enforcement, would be necessary to achieve clean air standards. Thus, the Technology Advancement Office was created to look for and encourage technical innovation to reduce emissions. The California State Legislature supported this effort by providing a \$1 surcharge on every DMV registration fee paid within the Basin. These funds have been matched at a ratio of approximately three-to-one with funds from the private sector to develop new technologies such as near-zero and zero emission vehicles, low-NO_x burners for boilers and water heaters, zero-pollution paints and solvents, fuel cells, and other innovations.

An additional \$4 vehicle registration fee was authorized by the state legislature in 1990. These fees are administered through South Coast AQMD with \$1.20 going to South Coast AQMD for mobile source emissions reductions, \$1.60 subvened directly to cities and counties to support their air quality programs, and \$1.20 to the Mobile Source Air Pollution Reduction Review Committee (MSRC). The MSRC is an outside committee established by state law whose function is to make the decisions on the actual projects to be funded from that portion of the revenue.

Public Education: South Coast AQMD's efforts to clean up the air will be successful only to the extent that the public understands air quality issues and supports and participates in cleanup effort. Thus, South Coast AQMD strives to involve and inform the public through the Legislative and Public Affairs/Media Office, public meetings, publications, the press, public service announcements, and social media.

Budget Synopsis

South Coast AQMD's annual budget is adopted for the General Fund for a fiscal year that runs from July 1 through June 30. The period covered by the FY 2022-2023 budget is from July 1, 2022 to June 30, 2023. The General Fund budget is the agency's operating budget and is structured by Office and account. The accounts are categorized into three Major Objects: Salaries and Employee Benefits, Services and Supplies, and Capital Outlays. The budget is supplemented with a Work Program containing nine program categories, which estimate staff resources and expenditures along program and activity lines. Each category consists of a number of Work Programs, or activities. A Work Program Output Justification form is completed for each Work Program, which identifies performance goals, quantifiable outputs, legal mandates, activity changes, and revenue categories.

The annual expenditure and revenue budget for the General Fund is adopted on a modified accrual basis. All annual expenditure appropriations lapse at fiscal year-end if they have not been expended or encumbered. Throughout the year, budget amendments may be necessary to accommodate additional revenues and expenditure needs. Any amendments due to budget increases or transfers between expenditure accounts in different Major Objects must be approved by South Coast AQMD's Governing Board. They are submitted to the Governing Board for approval at a monthly Board meeting in the format of a board letter which documents the need for the request and the source of funding for the expenditure. Budget amendments resulting from transfers between expenditure accounts within the same Major Object are approved at the Office level.

The South Coast AQMD does not adopt annual budgets for its Special Revenue Funds. Special Revenue Funds are used to record transactions applicable to specific revenue sources that are legally restricted for specific purposes. Special Revenue Fund appropriations are approved by the Governing Board on an as-needed basis at a monthly Board meeting in the format of a board letter which documents the need for the request and the source of funding for the expenditure. South Coast AQMD reports Special Revenue Funds on a modified accrual basis in the Annual Comprehensive Financial Report.

Budget Process

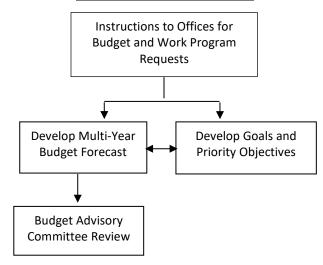
The South Coast AQMD budget process begins with the Chief Financial Officer issuing instructions and guidelines to the Offices. Under the guidance of the Executive Officer, the Chief Operating Officer, and the Chief Financial Officer, the Offices also begin establishing Goals and Priority Objectives for the fiscal year. The proposed annual budget and multi-year forecast is then developed by the Offices, Finance, Executive Council, the Chief Operating Officer, and the Executive Officer, based on the Goals and Priority Objectives, as well as guidelines issued by the Executive Officer. Each Office submits requests for staffing, select Salary accounts, Services and Supplies accounts, and Capital Outlay accounts. The remaining salary and benefit costs are developed by Finance. Capital expenditure requests are reviewed by an in-house committee who prioritizes the requests. Revenue projections are developed by Finance based on input received from the appropriate Offices and incorporate any proposed changes to Regulation III - Fees. This information is integrated into an initial budget request, including a multi-year forecast, and then fine-tuned under the direction of the Chief Operating Officer and the Executive Officer to arrive at a proposed budget. The public, business community, and other stakeholders have several opportunities to participate in the budget process, up to and at the budget adoption hearing by the Governing Board, including:

- Two meetings of the Budget Advisory Committee, whose members include various stakeholder representatives
- One public consultation meeting to discuss the automatic CPI increase
- A public hearing on the Proposed Budget and Work Program

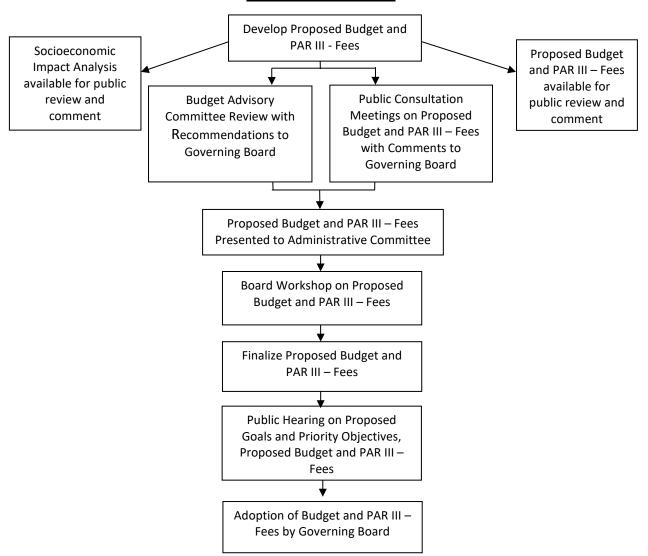
The proposed budget is presented to South Coast AQMD's Governing Board at a budget workshop and to South Coast AQMD's Administrative Committee. Any public comments and Budget Advisory Committee recommendations are submitted to the Governing Board by April 15th of each year. The proposed budget is adopted by the Governing Board and is in place on July 1st for the start of the new fiscal year.

The following flow charts represent the typical major milestones and budget processes that take place in developing South Coast AQMD's annual budget.

Preliminary Budget Process



Annual Budget Process



FY 2022-23 Budget Timeline				
Budget submissions received from Offices	Jan 7, 2022			
Budget Advisory Committee meeting	Jan 14, 2022			
Proposed budget available for public review	April 1, 2022			
Budget Advisory Committee meeting on proposed budget	April 1, 2022			
Public Workshop on proposed budget	April 5, 2022			
Proposed budget presented to Administrative Committee	April 8, 2022			
Governing Board Special Meeting	April 8, 2022			
Public comments and Budget Advisory Committee recommendations	April 15, 2022			
submitted to Governing Board				
Public Hearing & Governing Board adoption of budget	May 6, 2022			

Proposed Budget & Work Program

Budget Overview

The proposed budget for FY 2022-23 is a balanced budget with revenues/transfers in and expenditures/transfers out of \$189.2 million. To compare against prior years, the following table shows South Coast AQMD's amended budget and actual expenditures for FY 2020-21, adopted and amended budgets for FY 2021-22 and proposed budget for FY 2022-23.

	FY 2020-21	FY 2020-21	FY 2021-22	FY 2021-22	FY 2022-23
Description	Amended	Actual	Adopted	Amended ¹	Proposed
Staffing	949	-	957	959	970
Revenue/Transfers	\$179.3	\$177.9	\$179.9	\$184.6	\$189.2
In					
Expenditures/	\$181.8	\$171.9	\$179.9	\$186.2	\$189.2
Transfers Out					

¹ Includes Board approved changes through February 2022

The FY 2022-23 proposed budget reflects an increase of \$3.0 million in expenditures/transfers out from the FY 2021-22 amended budget and an increase of \$9.3 million in expenditures/transfers out from the FY 2021-22 adopted budget. The increase in expenditures/transfers out from the FY 2021-22 adopted budget is mainly due to increased costs for salaries due to lowering the vacancy rate from 13% to 11%, the new labor agreements approved in FY 2021-22, and an increase in budgeted positions. The FY 2022-23 proposed budget of 970 positions has a net increase of 11 positions over the FY 2021-22 amended budget.

Expenditures

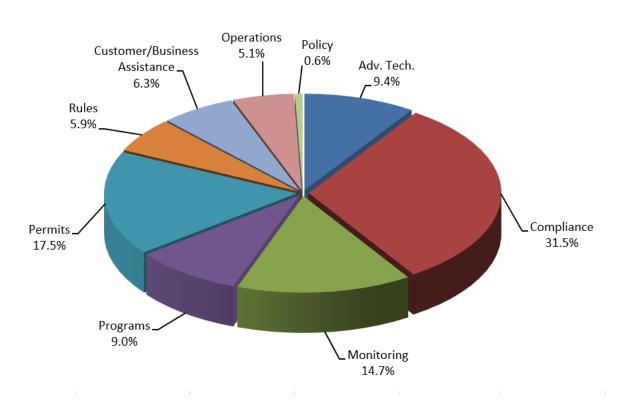
Work Program

South Coast AQMD expenditures are organized into nine Work Program 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; Operational Support; Timely Review of Permits; and Policy Support. Each category consists of Work Programs, or activities, which are classified according to the nature of the activity being performed.

Each Work Program ties to the goals and objectives of the agency and identifies resources, performance measures/outputs, and legal mandates. A complete description of each program category along with a detailed work program sorted by program is included in the Goals and Priority Objectives and Work Program section. The following pie chart represents the fully burdened budgeted expenditures by Program Category for FY 2022-23.

Work Program Category Expenditures



The following table compares South Coast AQMD Work Program expenditures by category for the FY 2021-22 adopted budget and FY 2022-23 proposed budget.

Work Program Categories	FY 2021-22 Adopted Budget	FY 2022-23 Proposed Budget
Advance Clean Air Technology	\$16,662,843	\$17,757,050
Customer Service and Business Assistance	10,903,032	11,924,677
Develop Programs to Achieve Clean Air	16,722,332	17,021,917
Develop Rules to Achieve Clean Air	9,713,071	11,141,681
Ensure Compliance with Clean Air Rules	57,377,234	59,559,503
Monitoring Air Quality	26,336,839	27,776,671
Operational Support	9,569,399	9,726,544
Policy Support	1,259,631	1,218,271
Timely Review of Permits	31,339,022	33,036,496
Total	\$179,883,403	\$189,162,810

Note: Fully burdened expenditures based on the Cost Allocation Schedule

Account Categories

The following table compares the FY 2021-22 adopted budget and the FY 2021-22 amended budget to the proposed budget for FY 2022-23 by account category. The FY 2021-22 amended budget includes the Board-approved mid-year adjustments through February 2022.

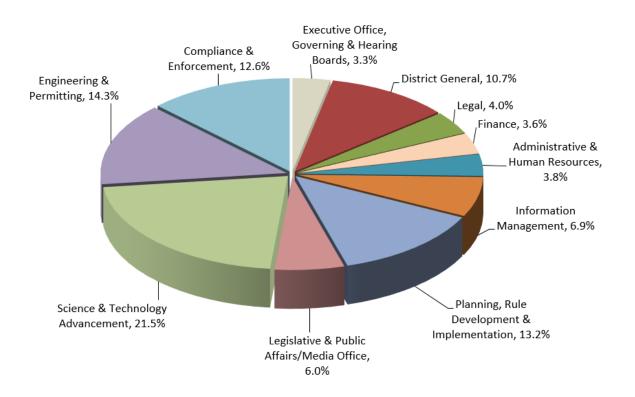
	FY 2021-22	FY 2021-22	FY 2022-23
Account Description	Adopted Budget	Amended Budget ¹	Proposed Budget
Salaries/Benefits	\$146,228,481	\$146,746,052	\$154,702,506
Insurance	1,449,140	1,449,140	1,811,425
Rents	804,123	865,125	793,123
Supplies	3,302,458	3,861,800	3,274,018
Contracts and Services	11,145,047	13,852,677	12,287,396
Maintenance	1,837,949	2,314,263	1,840,943
Travel/Auto Expense	916,823	1,033,163	936,823
Utilities	1,967,620	1,967,620	1,965,620
Communications	898,884	848,950	1,098,884
Capital Outlays	1,850,000	3,639,554	2,051,000
Other	1,448,283	1,567,402	1,430,983
Debt Service	7,193,242	7,193,242	4,128,736
Transfers Out	841,353	841,353	2,841,353
Total	\$179,883,403	\$186,180,341	\$189,162,810

¹ Includes Board approved changes through February 2022

As mentioned previously, the proposed budget for FY 2022-23 represents an approximately \$3.0 million increase in expenditures from the FY 2021-22 amended budget. The FY 2021-22 amended budget includes mid-year increases associated with the following: monitoring equipment, legal counsel for specialized, environmental, and other litigation, outreach efforts for the elementary school education program, staff, services and supplies and capital outlays for critical projects and programs, and grant-related expenditures offset by revenue.

The following pie chart represents budgeted expenditures by Office for FY 2022-23.

Expenditures by Office

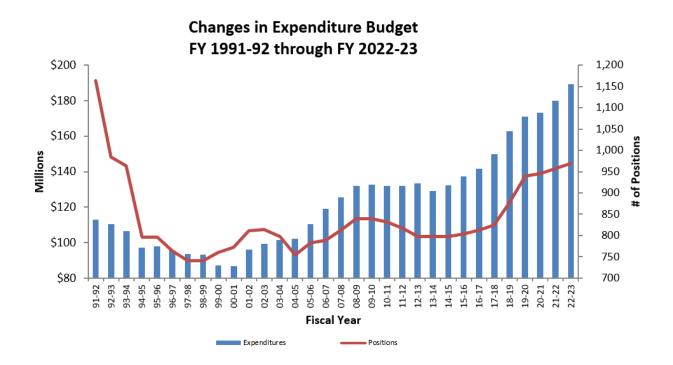


Budget Strategy

Over the years, South Coast AQMD has focused on streamlining many of its operations while still meeting its program commitments despite new federal and state mandates and increased workload complexity. The focus has been, and continues to be, on reducing or maintaining expenditure levels in the Major Object of Services and Supplies and maximizing the efficient use of staff resources to enable select vacant positions to remain vacant, be deleted, or be unfunded whenever possible. In FY 2017-18, South Coast AQMD began to receive funding from the California Air Resources Board under AB 617 to reduce exposure in neighborhoods most impacted by air pollution as well as funding under the AB 134 Community Air Protection Fund. In FY 2019-20, South Coast AQMD began receiving funding through the California Air Resources Board under the Volkswagen Mitigation Settlement Agreement. These new programs, resulting

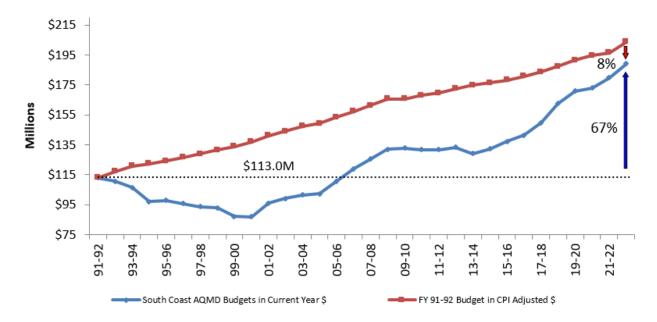
in additional funding sources, has increased South Coast AQMD's workload substantially. Nonetheless, South Coast AQMD continues to focus on the efficient use of its resources. South Coast AQMD performs an on-going review of revenues, expenditures, and staffing levels and regularly presents results to the Board. The proposed vacancy rate for FY 2022-23 is 11%, which is 2% lower than the rate for the FY 2021-22 amended budget.

The following charts show South Coast AQMD's staffing and budget levels starting in FY 1991-92 when staffing was at 1,163 FTEs. The proposed budget for FY 2022-23 reflects a staffing level of 970 FTEs. This staffing level is 17% (193 FTEs) below the FY 1991-92 level.



The FY 2022-23 proposed budget is 67% higher when compared to the FY 1991-92 adopted budget of \$113 million. However, after adjusting the FY 1991-92 adopted budget for CPI over the last 29 years, the FY 2022-23 proposal is 8% lower.

Inflation Impact on South Coast AQMD Budgets FY 1991-92 through FY 2022-23



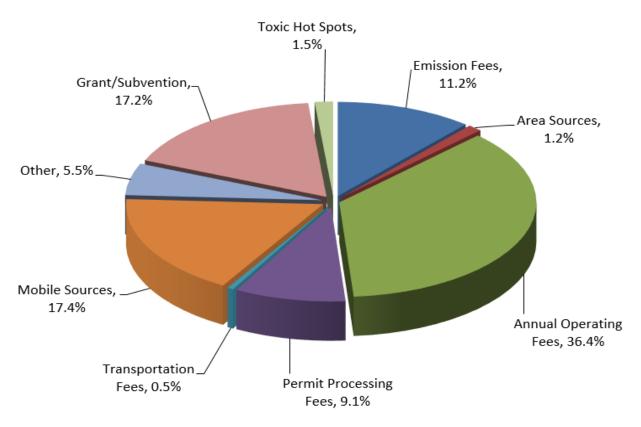
Note: CPI adjustment based on California Consumer Price Index for the preceding Calendar Year

Revenues

Revenue Categories

Each year, in order to meet its financial needs, the South Coast AQMD Governing Board adopts a budget supported by a system of annual operating and emission fees, permit processing fees, toxic "Hot Spots" fees, area sources fees, source test/analysis fees, and transportation plan fees. In FY 2022-23, these fees are projected to generate approximately \$113.9 million or 60% of South Coast AQMD revenues; of this \$113.9 million, \$107.4 million or 57% of South Coast AQMD's projected revenues are from stationary sources. Other sources, which include penalties/settlements, Hearing Board fees, interest, and miscellaneous income, are projected to generate approximately 5% of total revenues in FY 2022-23. The remaining 35% of revenue is projected to be received in the form of federal and state grants, California Air Resources Board (CARB) subvention, and California Clean Air Act motor vehicle fees. Beginning in Fiscal Year 1978-79, the South Coast AQMD became a fee supported agency no longer receiving financial support from property taxes. The following pie chart represents revenues by Major Category for the proposed FY 2022-23 budget.

Revenues by Major Category



The following table compares the FY 2021-22 adopted revenue budget and the FY 2021-22 amended revenue budget to the proposed revenue budget for FY 2022-23. The FY 2021-22 amended revenue budget includes Board-approved mid-year changes through February 2022.

	FY 2021-22	FY 2021-22	FY 2022-23
Revenue Description	Adopted Budget	Amended Budget ¹	Proposed Budget
Annual Operating Emission Fees	\$19,955,890	\$19,955,890	\$21,275,050
Annual Operating Permit	64,041,550	64,041,550	68,854,670
Renewal Fees			
Permit Processing Fees	16,141,800	16,141,800	17,281,830
Portable Equipment Registration	1,000,000	1,000,000	1,000,000
Program			
Area Sources	2,056,000	2,056,000	2,236,500
Grants/Subvention	29,534,960	31,757,108	32,472,710
Mobile Sources	32,470,096	32,470,096	32,890,660
Transportation Programs	934,900	934,900	954,720
Toxic Hot Spots	2,750,170	2,750,170	2,834,000
Other ²	6,790,637	6,790,637	7,034,680
Transfers In	4,207,400	6,729,225	2,327,990
Total	\$179,883,403	\$184,627,376	\$189,162,810

 $^{^{\}rm 1}$ Includes Board approved changes through February 2022

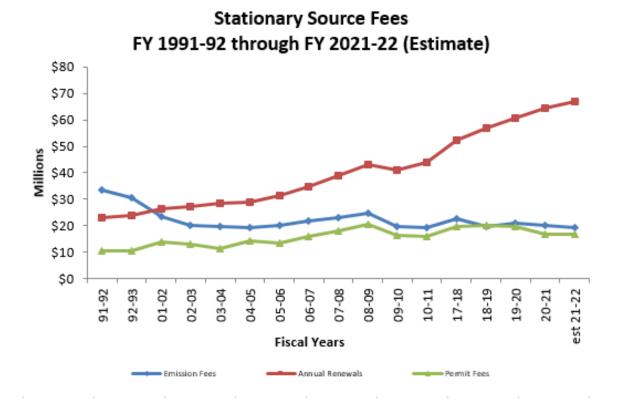
²Includes revenues from Interest, Lease Income, Source Testing, Hearing Board, Penalties/Settlements, Subscriptions, and Other

Over the past two decades, total permit fees (including permit processing, annual operating permit, and annual emissions-based fees) collected from stationary sources has increased by about 52% from \$66.9 million in FY 1991-92 to \$101.7 million (estimated) in FY 2021-22. When adjusted for inflation however, stationary source revenues have decreased by 14% over this same period.

Mobile source revenues that are subvened to the South Coast AQMD by the Department of Motor Vehicles (DMV) are projected to increase from the FY 2021-22 budgeted amounts based on vehicle registration information from the DMV and recent revenue received. In addition, this category reflects reimbursements of incentive programs (Clean Fuels, Carl Moyer, Prop 1B, VW Mitigation and AB 134) whose contract activities and revenues are recorded in special revenue funds (outside the General Fund). These incentive program costs incurred by the General Fund are reimbursed to the General Fund from the various special revenue funds (subject to any administrative caps) and are reflected under the Mobile Source revenue category.

Revenues from the federal government (Environmental Protection Agency, Department of Homeland Security, and Department of Energy) are projected to increase in FY 2022-23 from FY 2021-22 budgeted levels reflecting the anticipated level of federal funding from one-time and on-going grants in support of air quality efforts. State Subvention funding is expected to remain at the current level for FY 2022-23. Finally, the AB 617 Community Air Protection Program implementation funding from CARB is budgeted at a higher level than the FY 2021-22 budget.

The following graph tracks actual stationary source revenues by type of fee from FY 1991-92 (when CPI limits were placed on South Coast AQMD fee authority) to estimated revenues for FY 2021-22.



Debt Structure

Pension Obligation Bonds

In June 2004 the South Coast AQMD issued pension obligation bonds to refinance its respective obligation to the San Bernardino County Employee's Retirement Association (SBCERA) for certain amounts arising as a result of retirement benefits accruing to members of the Association.

The remaining annual payment requirements under these bonds are as follows:

Year Ending June 30	Principal	Interest	Total
2023	3,780,000	348,736	4,128,736
2024	4,010,000	118,897	4,128,897
Total	\$7,790,000	\$467,633	\$8,257,633

Fund Balance

South Coast AQMD is projecting an Unreserved (Unassigned) Fund Balance for June 30, 2023 of \$70,765,079 in addition to the following Reserved and Unreserved Designated Fund Balances for FY 2022-23.

Classification	Reserves/Unreserved Designations	Amount
Committed	Reserve for Encumbrances	\$ 16,000,000
Nonspendable	Reserve for Inventory of Supplies	80,000
	Unreserved Designations:	
Assigned	For Enhanced Compliance Activities	883,018
Assigned	For Other Post Employment Benefit (OPEB) Obligations	2,952,496
Assigned	For Permit Streamlining	234,159
Assigned	For Self-Insurance	2,000,000
Assigned	For Unemployment Claims	80,000
	Total Reserved & Unreserved Designations	\$ 22,229,673

Reserves are portions of the fund balance set aside for future use and are therefore not available for appropriation. These funds consist of encumbrances which represent the estimated amount of current and prior years' purchase orders and contract commitments at year-end and inventory which represents the value at cost of office, computer, cleaning and laboratory supplies on hand at year-end.

Unreserved Designations in the fund balance indicate plans for use of financial resources in future years. The Designation for Enhanced Compliance Activities provides funding for inspection/compliance efforts. The Designation for Other Post Employment Benefit Obligations (OPEB) provides funding to cover the current actuarial valuation of the inherited OPEB obligation

for long-term healthcare costs from the County of Los Angeles resulting from the consolidation of the four county Air Pollution Control Districts (APCDs). The Designation for Permit Streamlining was established to fund program enhancements to increase permitting efficiency and customer service. South Coast AQMD is self-insured for general liability, workers' compensation, automobile liability, premises liability, and unemployment.

Long-Term Projection

South Coast AQMD continues to face a number of challenges in the upcoming years, including the economic impact from the COVID-19 pandemic, continued higher operating costs, the need for major information technology and building infrastructure improvement projects with the aging of our headquarters building, and growing program commitments while meeting air quality goals and permit processing targets. Recruiting, training and retaining the high level of technical staffing expertise necessitated by the Community Air Protection Program established in 2017 under AB 617, the Volkswagen Mitigation Settlement Projects, the Refinery Fenceline Air Monitoring Plans under Rule 1180, and additional incentive funding under AB 134, as well as for South Coast AQMD's ongoing projects and programs, will continue to be a challenge further complicated by COVID-19 and the retirement of current, long-term staff.

Increasing retirement costs and any future actions SBCERA may take due to financial market fluctuations which could significantly impact South Coast AQMD's level of expenditures remains a primary uncertainty. Any legislative action that may impact the level of federal and state funding from grant awards, particularly AB 617 funding, and subvention funds is another unknown that must be considered as South Coast AQMD plans for the future. Cost recovery within the constraints of Proposition 26 is an additional uncertainty as South Coast AQMD strives to balance program operating expenses with revenues collected from fees.

In order to face these challenges, South Coast AQMD has a five year plan in place that provides for critical infrastructure improvement projects, maintains a stable vacancy rate in order to maximize cost efficiency, better aligns program revenues with costs, and strives to keep the percentage of unreserved fund balance to revenue within the Governing Board policy of 20%.

The following table, outlining South Coast AQMD's financial projection over this time period, shows the agency's commitment to meet these challenges and uncertainties while protecting the health of the residents within the South Coast AQMD boundaries and remaining sensitive to business. Starting in FY 2024-25, South Coast AQMD will realize a \$4.1M savings in Pension Obligation Bond payments.

Fiscal 2021-22 Estimate and Five Year Projection (\$ in Millions)						
	FY 21-22 Estimate	FY 22-23 Proposed	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
STAFFING	959	970	970	970	970	970
REVENUES/TRANSFERS IN*	\$180.9	\$189.2	\$193.9	\$195.4	\$197.3	\$200.1
EXPENDITURES/TRANSFERS	\$182.6	\$189.2	\$196.8	\$201.7	\$204.7	\$207.7
OUT						
Change in Fund Balance	(\$1.7)	1	(\$2.9)	(\$6.3)	(\$7.4)	(\$7.6)
UNRESERVED FUND	\$76.9	\$76.9	\$74.0	\$67.7	\$60.3	\$52.7
BALANCE (at year-end)						
% of REVENUE	43%	41%	38%	35%	31%	26%

^{*} CPI fee increases are projected as follows: FY 2022-23 – 6.5%, FY 2023-24 – 3.8%, FY 2024-25 – 3.0%, FY 2025-26 – 3.1% and FY 2026-27 – 3.3%.

As part of the Five-Year Projection, South Coast AQMD has identified projected building maintenance and capital outlay improvement projects for its headquarters building. These projects are outlined in the following chart. In addition, the Infrastructure Improvement Special Revenue Fund was created with unanticipated one-time revenues from the General Fund for some of the capital outlay building-related improvement projects.

GENERAL FUND POTENTIAL BUILDING MAINTENANCE and CAPITAL OUTLAY PROJECTS FY 2022-23 through 2026-27
West Guard Station Installation
Child Care Building Roof Replacement
Patio Crack and Joint Sealing
Concrete Repair in East Courtyard & Pedestrian Areas
Cafeteria Exhaust Equipment Replacement
Fire Life Safety System Upgrade
Air Handler Mechanical Systems Upgrade/Fan Wall Installation
Fleet Vehicle Replacements
Irrigation System Renovation
Parking Lot Repair and Reseal
Landscape Renovation
Saw Tooth Lab Roof Refurbishment
Leibert AC Units Replacement/Data Center Enhancements
Pneumatic HVAC Controls to Electronic Control Update
Roofing Surface Recoat
Atrium and Building Expansion Joint Waterproofing
Restroom and Copy/Coffee Sink and Counter Tops Replacement
Automatic Transfer Switch Upgrade
Building Lighting Controls Upgrade
Fluorescent Down Lighting (LED) Retrofit
Child Care Playground Renovation
Restroom Panels Refurbishment/Replacement
Conference Center Paint and Wallpaper
Computer Room UPS System Upgrade
Parking Lot Lights to LED Conversion
Aging Kitchen Equipment Replacement
Building Interior Repaint
VCT Tiles Replacement (Various Areas)
Vinyl Wall Covering Replacement (Various Areas)
Building Window and Structural Joint Sealing
Emergency Generator Upgrade

SUMMARY OF FISCAL YEAR 2022-23 PROPOSED BUDGET				
	FY 2021-22	FY 2021-22		
	Adopted	Amended	FY 2021-22	FY 2022-23
	Budget	Budget ¹	Estimate ²	Proposed
Funding Sources				
Revenue	\$ 175,676,003	\$ 177,898,151	\$ 175,045,778	\$ 186,834,820
Transfers-In	4,207,400	6,729,225	5,901,528	2,327,990
Total Funding Sources	\$ 179,883,403	\$ 184,627,376	\$ 180,947,306	\$ 189,162,810
Funding Uses				
Salaries & Employee Benefits	\$ 146,228,481	\$ 146,746,052	\$ 145,254,285	\$ 154,702,506
Services & Supplies	30,963,569	34,953,382	32,956,164	29,567,951
Capital Outlays	1,850,000	3,639,554	3,639,554	2,051,000
Transfers-Out	841,353	841,353	841,353	2,841,353
Total Funding Uses	\$ 179,883,403	\$ 186,180,341	\$ 182,691,356	\$ 189,162,810

		Projected	Projected
Fund Balances - Reserves & Unreserved Designations	Classification	June 30, 2022	June 30, 2023
Reserve for Encumbrances	Committed	\$ 14,600,000	\$ 16,000,000
Reserve for Inventory of Supplies	Nonspendable	80,000	80,000
Designated for Enhanced Compliance Activities	Assigned	883,018	883,018
Designated for Other Post Employment Benefit (OPEB)			
Obligations	Assigned	2,952,496	2,952,496
Designated for Permit Streamlining	Assigned	234,159	234,159
Designated for Self-Insurance	Assigned	2,000,000	2,000,000
Designated for Unemployment Claims	Assigned	80,000	80,000
Total Reserves & Unreserved Designations		\$ 20,829,673	\$ 22,229,673
Unassigned Fund Balance	Unassigned	\$ 70,765,079	\$ 70,765,079
Total Fund Balances		\$ 91,594,752	\$ 92,994,752

¹ The FY 21-22 Amended Budget includes mid-year changes through February 2022.

² Includes estimated encumbrances of \$10,600,000 which will be applicable to the fiscal year ending June 30, 2022.

ANALYSIS OF PROJECTED JUNE 30, 2022 FU	IND BALANCE	
Fund Balances as of June 30, 2021		
Reserves \$	11,138,539	
Designated	6,149,673	
Unassigned	72,450,590	
Total Fund Balances, June 30, 2021	\$	89,738,802
Add Excess Fiscal Year 2021-22 Revenues over Expenditures		
Revenues \$ 1	.80,947,306	
Expenditures ¹ 1	.72,091,356	
Sub-Total	\$	8,855,950
Deduct Decrease in Encumbrances Open on June 30, 2022		(7,000,000)
Total Projected Fund Balances, June 30, 2022	\$	91,594,752
Fund Balances (Projected) at June 30, 2022		
Reserve for Encumbrances	\$	14,600,000
Reserve for Inventory of Supplies		80,000
Designated for Enhanced Compliance Activities		883,018
Designated for Other Post Employment Benefit (OPEB) Obligations		2,952,496
Designated for Permit Streamlining		234,159
Designated for Self-Insurance		2,000,000
Designated for Unemployment Claims		80,000
Unassigned		70,765,079
Total Projected Fund Balances, June 30, 2022	\$	91,594,752
Note: This analysis summarizes the estimated amount of funds that will be c	arried into FY 2022-23.	
1 Expenditures do not include estimated \$10,600,000 encumbrances for the Fiscal Ye	ear ended June 30, 2022.	

SCHEDULE OF AVAILABLE FINANCING AND PROPOSED	FISCAL YEAR 20	22-2	23
RESERVES AND DESIGNATIONS			
Fund Balances	\$ 91,594,752		
Emission Fees	21,275,050		
Annual Renewal Fees	68,854,670		
Permit Processing Fees	17,281,830		
Portable Equipment Registration Program	1,000,000		
State Subvention	3,917,180		
State Grant	21,880,000		
Federal Grant	6,675,530		
Interest Revenue	962,220		
Lease Revenue	151,390		
Source Test/Analysis Fees	450,070		
Hearing Board Fees	284,140		
Penalties and Settlements	4,600,000		
Area Sources	2,236,500		
Transportation Programs	954,720		
Mobile Sources/Clean Fuels	32,890,660		
Air Toxics "Hot Spots"	2,834,000		
Other Revenues/Transfers In	2,914,850		
Total Funds		\$	280,757,562
Less Proposed Fiscal Year 2022-23 Reserves and Designations			
Reserve for Encumbrances	\$ 16,000,000		
Reserve for Inventory of Supplies	80,000		
Designated for Enhanced Compliance Activities	883,018		
Designated for Other Post Employment Benefit (OPEB) Obligations	2,952,496		
Designated for Permit Streamlining	234,159		
Designated for Self-Insurance	2,000,000		
Designated for Unemployment Claims	80,000		
Total Proposed Reserves and Designations		\$	22,229,673
Available Financing		\$	258,527,889

ANALYSIS OF PROJECTED JUNE 30, 2	.023 FU	ND BALANCE		
Fund Balances as of June 30, 2022				
Reserves	\$	14,680,000		
Designated		6,149,673		
Unassigned		70,765,079		
Total Fund Balances, June 30, 2022			\$	91,594,752
Add Excess Fiscal Year 2022-23 Revenues over Expenditures				
Revenues	\$	189,162,810		
Expenditures ¹		178,562,810		
Sub-Total			\$	10,600,000
Deduct Decrease in Encumbrances Open on July 1, 2022				(9,200,000)
Total Projected Fund Balances, June 30, 2023			\$	92,994,752
Fund Balances (Projected) Fiscal Year 2022-23				
Reserve for Encumbrances			\$	16,000,000
Reserve for Inventory of Supplies				80,000
Designated for Enhanced Compliance Activities				883,018
Designated for Other Post Employment Benefit (OPEB) Ob	ligation	S		2,952,496
Designated for Permit Streamlining				234,159
Designated for Self-Insurance				2,000,000
Designated for Unemployment Claims				80,000
Unassigned				70,765,079
Total Projected Fund Balances, June 30, 2023			\$	92,994,752
1 Expenditures do not include estimated \$10,600,000 encumbrances for the state of the stat	ne Fiscal `	ear ended June 3	0, 2023.	•

	Revenue Comparison								
	FY 2020-21	FY 2021-22	FY 2021-22	FY 2022-23					
Revenue Account	Actual	Adopted Budget	Estimated	Proposed					
Emission Fees	\$ 20,215,773	\$ 19,955,890	\$ 19,228,500	\$ 21,275,050					
Annual renewal Fees	63,041,978	64,041,550	65,536,328	68,854,670					
Permit Processing Fees	16,675,965	16,141,800	16,901,273	17,281,830					
Portable Equipment Registration	1,528,360	1,000,000	1,288,132	1,000,000					
Program									
State Subvention	3,944,728	3,944,730	3,917,184	3,917,180					
State Grant	20,071,867	19,324,580	18,687,356	21,880,000					
Federal Grant	7,742,659	6,265,650	7,714,921	6,675,530					
Interest Revenue	596,953	509,290	317,214	962,220					
Lease Revenue	124,285	168,800	142,321	151,390					
Source Test/Analysis Fees	265,860	591,100	175,023	450,070					
Hearing Board Fees	274,352	213,000	293,600	284,140					
Penalties and Settlements	4,714,521	4,600,000	5,004,680	4,600,000					
Area Sources	2,369,926	2,056,000	2,000,000	2,236,500					
Transportation Programs	704,936	934,900	896,450	954,720					
Mobile Sources/Clean Fuels	26,200,886	32,470,096	28,697,244	32,890,660					
Air Toxics "Hot Spots"	2,545,038	2,750,170	2,883,526	2,834,000					
Other Revenues/Transfers In	6,911,388	4,915,847	7,263,554	2,914,850					
Total Revenue	\$ 177,929,474	\$ 179,883,403	\$ 180,947,306	\$ 189,162,810					

Annual Operating Emissions Fees

The Lewis-Presley Air Quality Management Act (Health & Safety Code Section 40400-40540) authorizes the South Coast AQMD to collect fees for permitted sources to recover the costs of District programs related to these sources. (Health & Safety Code 40410(b)). South Coast AQMD initiated an annual operating emissions fees program in January 1978. As the program currently exists, all permitted facilities pay a flat fee for up to four tons of emissions. In addition to the flat fee, facilities that emit four tons or greater (from both permitted and unpermitted equipment) of any organic gases, specific organics, nitrogen oxides, sulfur oxides, or particulate matter, or 100 tons per year or greater of carbon monoxide, also pay fees based on the facility's total emissions. These facilities pay for emissions from permitted equipment as well as emissions from unpermitted equipment and processes which are regulated, but for which permits are not required, such as solvent use. In addition, a fee-per-pound is assessed on ozone depleters (ammonia, chlorofluorocarbons, 1,1,1 trichloroethane) over thresholds as well as base toxics fees, device fees, and cancer-potency weighted fees for the following toxic air contaminants: asbestos; benzene; cadmium; carbon tetrachloride; chlorinated dioxins and dibenzofurans; ethylene dibromide; ethylene dichloride; ethylene oxide; formaldehyde; hexavalent chromium; methylene chloride; nickel; perchloroethylene; 1,3-butadiene; inorganic arsenic; beryllium; polynuclear aromatic hydrocarbons (PAHs); vinyl chloride; lead; 1,4-dioxane; trichloroethylene; and diesel particulate. The rates are set forth in South Coast AQMD Rule 301.

FY 2022-23 Proposed Budget: The non-RECLAIM emissions are based on Annual Emission Report (AER) data for Calendar Year 2020. The RECLAIM NOx and SOx emission projection is based on holdings according to the RECLAIM Trading Credit (RTC) listing. The flat emission fees are projected based on the number of active facilities with at least one permit. The proposed budget includes a 6.5% CPI fee increase.

Annual Operating Permit Renewal

State law authorizes South Coast AQMD to have an annual permit renewal program and authorizes fees to recover the costs of the program (Health & Safety Code Section 42300; 40510(b). The annual operating permit renewal program, initiated by the South Coast AQMD in February 1977, requires that all active permits be renewed on an annual basis upon payment of annual renewal fees. The annual renewal rates are established in South Coast AQMD Rule 301 and are based on the type of equipment, which is related to the complexity of related compliance activity. For basic equipment (not control equipment) the operating fee schedule also corresponds to some extent to the emission potential of the equipment. Along with annual operating emissions fees, annual operating permit renewal fees are intended to recover the costs of programs such as South Coast AQMD's compliance program, planning, rule making, monitoring, testing, source education, public outreach, civil enforcement, including the South Coast AQMD's Hearing Board, and stationary and area source research projects. This category includes Refinery Related Community Air Monitoring System Annual Operating and Maintenance Fees (Rule 301(aa)).

FY 2022-23 Proposed Budget: The projection is based on an estimated number of permits at the various equipment fee schedules as well as the Refinery Related Community Air Monitoring System Annual Operating and Maintenance Fees (Rule 301(aa)). The proposed budget includes a 6.5% CPI fee increase.

Permit Processing Fees

Under the Health & Safety Code 42300, South Coast AQMD may adopt and implement a program requiring that a permit be obtained from South Coast AQMD to construct or operate any equipment which emits or controls air pollution in South Coast AQMD's jurisdictional boundaries before the construction or operation of the equipment. South Coast AQMD has adopted rules requiring such permits, to ensure that equipment in South Coast AQMD's jurisdictional boundaries is in compliance with South Coast AQMD Rules and Regulations but exempts certain equipment which is deemed to have de minimis emissions (Rule 219). Permit fees are authorized by state law to recover the reasonable costs of the permit program involving permitting, planning, enforcement, and monitoring related activities. Permit processing fees support the permit processing program and the fee rate schedules for the different equipment categories are based on the average time it takes to process and issue a permit. Each applicant, at the time of filing, pays a permit processing fee which partially recovers the costs for normal evaluation of the application and issuance of the permit to construct and permit modifications. This category also includes fees charged to partially recover the costs of evaluation of plans, including but not limited to Rule 403 dust control plans, and Rule 1118 flare monitoring plans. The permit processing fees also cover the administrative cost to process Change of Operator applications, applications for Emission Reduction Credits, and Administrative Changes to permits. This category also includes a number of specific fees such as Title V permit processing fees, RECLAIM permit processing fees, CEQA and air quality modeling fees, and public noticing fees. Finally, this category includes some fees that are related to specific activity such as asbestos notification and Rule 222 'registration in lieu of permit.'

Included in the budget is a permit fee to recover the cost associated with revising and reissuing permits to facilities exiting the RECLAIM program in accordance with the South Coast AQMD's Governing Board resolution. Currently, RECLAIM facilities, including both Title V and non-Title V facilities, are subject to a South Coast AQMD-issued facility permit. The facility permit identifies conditions associated with compliance with the RECLAIM program. The process of exiting the RECLAIM program requires a re-evaluation of existing facility permits, with case-by-case analysis of each device (piece of equipment) for incorporation of Non-RECLAIM regulatory limits, monitoring, recordkeeping and reporting requirements, emission factors, emission limits, and removing permit conditions and requirements related to RECLAIM that are no longer applicable. This is a one-time fee for the proposed transition process associated with exiting the RECLAIM program.

FY 2022-23 Proposed Budget: The projection is based on the anticipated number and type of applications that will be processed. The proposed budget includes a 6.5% CPI fee increase.

Portable Equipment Registration Program (PERP)

The California Air Resources Board (CARB) provides revenues to local air districts to offset the costs of inspecting equipment registered under CARB's Portable Equipment Registration Program (PERP). Fees for inspection of PERP-registered engines by South Coast AQMD field staff are collected by CARB at the time of registration and passed through to South Coast AQMD on an annual basis. Fees for inspection of all other PERP-registered equipment are billed at an hourly rate set forth in South Coast AQMD Rule 301, as determined by CARB and collected by South Coast AQMD at the time the inspection is conducted.

FY 2022-23 Proposed Budget: The revenue projection is based on the anticipated number of inspections.

Area Sources

Emissions fees and quantity—based fees from architectural coatings revenue covers architectural coatings fair share of emissions supported programs. South Coast AQMD Rule 314 covers emission-based fees and quantity-based fees. Fees on area sources are authorized by Health & Safety Code §40522.5. Architectural coatings are assessed annually based on quantity (gallons) distributed or sold for use in South Coast AQMD's jurisdiction. This revenue allows South Coast AQMD to recover the costs of staff working on compliance, laboratory support, architectural coatings emissions data, rule development, and architectural coatings revenue collection.

FY 2022-23 Proposed Budget: Fees are based on the annual quantity and emissions of architectural coatings distributed or sold into or within and for use in South Coast AQMD's jurisdiction for the previous calendar year. The proposed budget includes a 6.5% CPI fee increase.

California Air Resources Board Subvention

Under Health and Safety Code Section 39800-39811, the State appropriates monies each year to CARB to subvene to the air quality districts engaged in the reduction of air contaminants pursuant to the basin wide air pollution control plan and related implementation programs. South Coast AQMD has received subvention funds since its inception beginning in 1977.

FY 2022-23 Proposed Budget: The current amount of \$3.9 million is included in the FY 2022-23 Proposed budget.

State Grant

Under AB 617, adopted by the state legislature, CARB funding is distributed to air districts to implement the Community Air Protection Program which includes monitoring and developing emissions reductions plans in disadvantaged communities with high cumulative exposure to air toxics.

FY 2022-23 Proposed Budget: The proposed budget includes the anticipated reimbursement from CARB funding for staff time, services and supplies, and equipment needed to implement the program.

Federal Grants/Other Federal Revenue

South Coast AQMD receives funding from EPA Section 103 and 105 grants to help support the South Coast AQMD in its administration of active air quality control and monitoring programs where the South Coast AQMD is required to perform specific agreed-upon activities. Other EPA and Department of Energy (DOE) grants provide funding for various air pollution reduction projects. A Department of Homeland Security (DHS) grant funds a special particulate monitoring program. When stipulated in the grant agreement, the General Fund is reimbursed for administrative costs associated with grant-funded projects. Most federal grants are limited to specific purposes, but EPA Section 105 grants are available for the general support of air quality-related programs.

FY 2022-23 Proposed Budget: The revenue projection is based on funding levels from current federal grants.

<u>Interest</u>

Revenue from this source is the result of investing South Coast AQMD's General Fund cash balances.

FY 2022-23 Proposed Budget: The revenue projection is based on average cash balances and anticipated interest rates.

Leases

Revenue in this category is a result of leasing available space at South Coast AQMD's Headquarters facility.

FY 2022-23 Proposed Budget: The projection is based on the existing lease agreements.

Source Test/Sample Analysis Fees

Revenue in this category includes fees for source tests, test protocol and report reviews, continuous emissions monitoring systems (CEMS) evaluations and certifications, laboratory approval program (LAP) evaluations, and laboratory sample analyses. The revenue recovers a portion of the costs of performing tests, technical evaluations, and laboratory analyses.

FY 2022-23 Proposed Budget: The revenue projection is based on the anticipated number of tests and analyses. The proposed budget includes a 6.5% CPI fee increase.

Hearing Board

Hearing Board revenue is from the filing of petitions for variances and appeals, excess emissions fees, and daily appearance fees. The revenue recovers a portion of the costs associated with these activities. Petitions for Orders for Abatement, which go before the Hearing Board, are filed by South Coast AQMD; therefore, there are no Hearing Board fees/revenue related to these proceedings.

FY 2022-23 Proposed Budget: The estimate is based on the projected number of hearings to be held and cases to be heard. The proposed budget includes a 6.5% CPI fee increase.

Penalties/Settlements

The revenue from this source is derived from cash settlements for violations of permit conditions, South Coast AQMD Rules, or state law. This revenue source is available for the general support of the South Coast AQMD's programs.

FY 2022-23 Proposed Budget: It is anticipated that revenue in this category will be approximately \$4.6 million.

Mobile Sources

Mobile Sources revenue is composed of six components: AB2766 revenue and administrative/program cost reimbursements from five programs: Carl Moyer, AB 134, Proposition 1B, MSRC and Volkswagen Environmental Mitigation Trust.

AB2766:

Section 9250.17 of the Vehicle Code gives the Department of Motor Vehicles (DMV) the authority and responsibility to collect and forward to South Coast AQMD four dollars for every vehicle registered in South Coast AQMD's jurisdictional boundaries. Thirty percent of the money (\$1.20 per vehicle) collected is recognized in South Coast AQMD's General Fund as mobile sources revenue and is used for programs to reduce air pollution from motor vehicles and to carry out related planning, monitoring, enforcement, and technical studies authorized by, or necessary to implement, the California Clean Air Act of 1988 or the South Coast AQMD Air Quality Management Plan. A proportionate share of programs that are not associated with any individual type of source (e.g., air quality monitoring) is supported by these revenues. The remaining monies are used to pay for

projects to reduce air pollution from mobile vehicles: 40% (\$1.60 per vehicle) to the Air Quality Improvement Special Revenue Fund to be passed through to local governments and 30% (\$1.20 per vehicle) to the Mobile Source Air Pollution Reduction Fund (MSRC) to pay for projects recommended by the MSRC and approved by the South Coast AQMD Governing Board (see MSRC below).

Carl Moyer Program:

The Carl Moyer Memorial Air Quality Standards Attainment Program (Carl Moyer Program) provides funding from the state of California for the incremental cost of cleaner heavy-duty vehicles, off-road vehicles and equipment, marine, and locomotive engines. The General Fund receives reimbursements from the Carl Moyer Fund for staff time and other program implementation/administration costs up to specified limits.

CAPP Incentives:

CAPP Incentive increases funding for the Carl Moyer program. The General Fund will receive reimbursements from the CAPP Incentive Special Revenue Fund (up to 6.25 percent) for administrative costs incurred to implement the program.

Proposition 1B:

The Proposition 1B Program is a \$1 billion bond program approved by California voters in November 2006. This incentive program is designed to reduce diesel emissions and public health risks from goods movement activities along California's trade corridors. The General Fund receives reimbursements from the Proposition 1B Funds for staff time and other program implementation/administration costs up to specified limits.

MSRC:

MSRC revenue reflects the reimbursement from the Mobile Source Air Pollution Reduction Special Revenue Fund for the cost of staff support provided to the MSRC in administering a mobile source program. These administrative costs are limited by State law and the MSRC adopts a budget for staff support each year.

Volkswagen Environmental Mitigation Trust:

The Volkswagen Mitigation Trust was established as part of a settlement with Volkswagen for their role in utilizing illegal defeat devices in certain 2.0- and 3.0-liter VW vehicles that resulted in excess emissions. South Coast AQMD has been identified by CARB as the administrator of two project funding categories: Zero Emission Class 8 Freight and Port Drayage Trucks; and Combustion Freight and Marine Projects. The General Fund receives reimbursements from the Volkswagen Environmental Mitigation Fund for staff time and other program implementation/administration costs up to specified limits.

FY 2022-23 Proposed Budget: Revenue projections are based on vehicle registration data from the DMV, other state revenue received, and anticipated reimbursable implementation/administration costs for the Carl Moyer, CAPP Incentives, Prop 1B, MSRC and Volkswagen Environmental Mitigation Trust programs.

Clean Fuels

The General Fund receives reimbursements from the Clean Fuels Program Special Revenue Fund for staff time and other program implementation/administration costs necessary to implement the Clean Fuels Program.

Section 9250.11 of the Vehicle Code gives the DMV authority to collect and forward to South Coast AQMD money for clean fuels technology advancement programs and transportation control measures related to motor vehicles, according to the plan approved pursuant to Health & Safety Code §40448.5. One dollar is collected by the DMV for every vehicle registered in South Coast AQMD's jurisdictional boundaries, forwarded to South Coast AQMD, and deposited in the Clean Fuels Program Special Revenue Fund.

Clean fuels fees from stationary sources are recorded in a separate revenue account within the Clean Fuels Program Special Revenue Fund. Fees authorized by Health & Safety Code §40512 are collected from sources that emit 250 tons or more per year of Nitrogen Oxides (NOx), Sulfur Oxides (SOx), Reactive Organic Compounds (ROC), or Particulate Matter (PM). The fees collected are used to develop and implement activities that promote the use of clean-burning fuels. These activities include assessing the cost effectiveness of emission reductions associated with clean fuels development and use of new clean fuels technologies, and other clean fuels related projects. The General Fund receives reimbursements from the Clean Fuels Program Fund for staff time and other program implementation/administration costs necessary to implement a Clean Fuels Program.

FY 2022-23 Proposed Budget: Revenue projections are based on anticipated reimbursable staff and other program costs to implement the Clean Fuels Program.

Transportation Programs

In accordance with federal and state Clean Air Act requirements, South Coast AQMD's Rule 2202 – On-Road Vehicle Mitigation Options provides employers with various options to either reduce mobile source emissions generated from employee commutes or implement mobile source emission reduction programs. Employers with 250 or more employees at a worksite are subject to Rule 2202 and are required to submit an annual registration to implement an emission reduction program that will obtain emission reductions equivalent to a worksite specific emission reduction target. The revenue from this category is used to recover a portion of the costs associated with filing, processing, reviewing, and auditing the registrations and the ridesharing programs. Fees for indirect sources, which are sources that attract mobile sources, such as the large employers covered by Rule 2202, are authorized by Health & Safety Code §40522.5.

FY 2022-23 Proposed Budget: The projection is based on the anticipated number of registrations. The proposed budget includes a 6.5% CPI fee increase.

Toxic "Hot Spots"

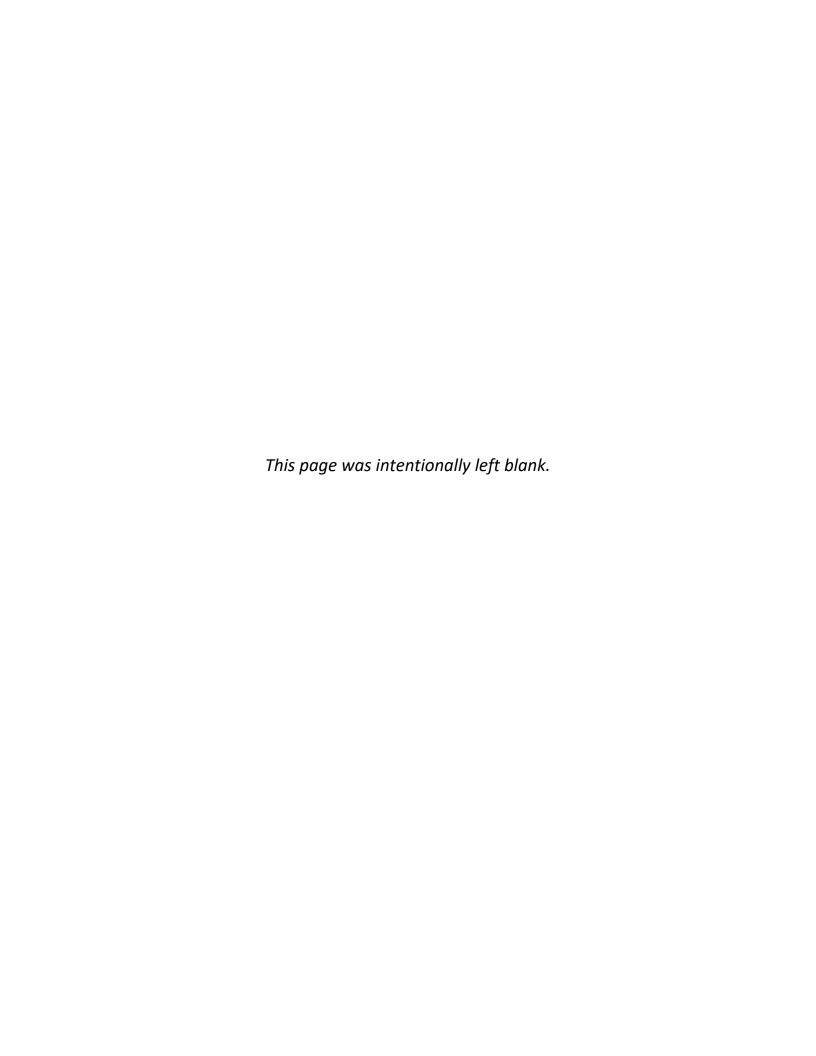
Health and Safety Code Section 44380 requires South Coast AQMD to assess and collect fees from facilities that emit toxic compounds. Fees collected are used to recover state and South Coast AQMD costs to collect and analyze data regarding air toxics and their effect on the public. Costs recovered include a portion of the administrative, outreach, plan processing, and enforcement costs to implement this program. Staff has also noticed a large number of Air Toxics Inventory Reports (ATIR) and Health Risk Assessments (HRA) which require substantial modifications or revisions that the facility is unable to perform without errors or delays. Therefore, the amendments to Rule 307.1 also include cost recovery for these efforts.

FY 2022-23 Proposed Budget: The revenue projection is based on estimated General Fund reimbursements from the Air Toxics Fund for staff time and other program and administrative expenditures.

Other

Other revenue includes revenue attributable to professional services South Coast AQMD renders to other agencies, reimbursements from special revenue funds (non-mobile source), and Public Records Act requests.

FY 2022-23 Proposed Budget: The revenue projections are based on historical trend information and anticipated receipts.



		SCAQM	D _					
		Line Item Expe	enditi	ure				
Major O	Object / Account # / Account Description	FY 2020-21 Actuals		FY 2021-22	FY 2021-22 Amended Budget	FY 2021-22 Estimate *		FY 2022-23 posed Budge
Salary & Employ	• • •	1 10001010		prominent	· ·····gov			1
51000-52000	Salaries	\$ 86,272,888	\$	90,535,521	\$ 91,011,475	\$ 90,087,471	\$	99,008,00
53000-55000	Employee Benefits	48,924,955	, T	55,692,960	55,734,577	55,166,814	-	55,694,50
Sub-total Salary	& Employee Benefits	\$ 135,197,844	\$	146,228,481	\$ 146,746,052	\$ 145,254,285	\$	154,702,50
Services & Supp		+ 200,201,011	7	,,	+ =:=,:::,::=	7 - 10,-0 1,-00	Ť	
67250	Insurance	\$ 1,203,093	\$	1,449,140	\$ 1,449,140	\$ 1,449,140	\$	1,811,42
67300	Rents & Leases Equipment	242,750	т .	212,280	253,291	253,291	-	200,28
67350	Rents & Leases Structure	605,023		591,843	611,834	611,834		592,84
67400	Household	814,682		907,195	909,895	909,895		897,19
67450	Professional & Special Services	11,415,623		8,796,501	11,484,830	10,517,091		9,944,85
67460	Temporary Agency Services	618,188		772,048	750,694	750,694		771,04
67500	Public Notice & Advertising	398,763		507,623	523,123	452,123		512,62
67550	Demurrage	68.250		161.680	184.135	184.135		161.68
67600	Maintenance of Equipment	1.040.241		815,470	1,271,384	1,242,743		818,46
67650	Building Maintenance	870,185		1,022,479	1,042,879	1,002,479		1,022,47
67700	Auto Mileage	37,485		106,127	204,127	144,127		105,92
67750	Auto Service	418,327		470,000	470,000	450,000		470,00
67800	Travel	3,703		340,696	359,036	280,403		360,89
67850	Utilities	1,542,239		1,967,620	1,967,620	1,797,620		1,965,62
67900	Communications	1,064,270		898,884	848,950	848,950		1,098,88
67950	Interest Expense	3,353,106		3,186,361	3,186,361	3,186,361		348,73
68000	Clothing	30,988		78,508	99,508	99,508		89,96
68050	Laboratory Supplies	404,089		557,000	622,175	512,000		562,00
68060	Postage	302,207		432,158	446,989	374,656		421,15
68100	Office Expense	1,389,449		1,538,421	1,709,712	1,495,626		1,531,01
68200	Office Expense Office Furniture	170,913		48.000	75.982	75,982		46.00
68250	Subscriptions & Books	385,326		179,074	248,451	248,451		178,63
68300	Small Tools, Instruments, Equipment	242,035		177,276	366,962	366,962		179,24
68400	Gas and Oil	156,710		292,021	292,021	250,000		266,02
69500	Training/Conference/Tuition/ Board Exp.	746,416		992,807	981,857	906,417		987,60
69550	Memberships	96,836		76,428	259,772	247,522		75,32
69600	Taxes	13,096		64,500	64,500	37,000		65,50
69650	Awards	109,148		69,023	69,023	69,023		70,02
69700	Miscellaneous Expenses	60,556		245,525	192,250	185,250		232,52
69750	Prior Year Expense	(51,753)		- 243,323	192,230	103,230		232,32
69800	Uncollectable Accounts Receivable	, , ,				-		
		691,419						
89100	Principal Repayment	3,840,443	<u> </u>	4,006,881	4,006,881	4,006,881	ċ	3,780,00
Sub-total Service	• •	\$ 32,283,807	\$	30,963,569	\$ 34,953,382	\$ 32,956,164	\$	29,567,95
77000	Capital Outlays	\$ 2,382,488	\$	1,850,000	\$ 3,639,554	\$ 3,639,554	\$	2,051,00
79050	Building Remodeling		\$	-	\$ -	\$ -	\$	- 2.044.33
99950	Transfers Out	\$ 2,081,989	\$	841,353	\$ 841,353	\$ 841,353	\$	2,841,35
otal Expenditur	res	\$ 171,946,128	\$	179,883,403	\$ 186,180,341	\$ 182,691,356	\$	189,162,81

SALARIES & EMPLOYEE BENEFITS

Acct. #	Account Description	FY 2021-22 Adopted Budget	FY 2021-22 Amended Budget	FY 2021-22 Estimate	FY 2022-23 Proposed Budget	Increase/ (Decrease) ^(a)
51000- 52000	SALARIES	\$90,535,521	\$91,011,475	\$90,087,471	\$99,008,006	\$8,472,485

These accounts include salaries and special pays such as: Call-Back, Hazard, Night Shift, Rideshare, Skill-Based, Stand-By and Overtime. The FY 2022-23 Proposed Budget reflects a 11% vacancy rate (actual vacant positions are currently at 15%). The FY 2022-23 Proposed Budget does not include overtime amounts for federal grant work that is not expected to be awarded until mid-year and will not be appropriated until the grants are awarded. The main reason for the increase from the FY 2022-23 Adopted Budget is the shift of the vacancy rate from 13% to 11% and the proposed personnel actions.

53000	EMPLOYEE	\$3,936,136	\$3,936,136	\$3,896,039	\$4,504,110	\$567,974
	BENEFITS					

This account includes the costs associated with State Disability Insurance, employer share of unemployment insurance, and Medicare. In addition, this account includes individual memberships and/or management physicals.

54000 RETIREMENT \$39,352,693 \$39,352,693 \$38,951,811 \$39,202,008 (\$150,68	54000	RETIREMENT	\$39,352,693	\$39,352,693	\$38,951,811	\$39,202,008	(\$150,685)
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This account includes the employer's share of the employee retirement system contributions. The decrease from the FY 2021-22 Adopted Budget is based on the contribution rates provided by the San Bernardino County Retirement Association (SBCERA) and the proposed personnel actions.

55000	INSURANCE	\$12,404,131	\$12,445,748	\$12,318,964	\$11,988,383	(\$415,748)
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This account includes employer's share of health, life, dental, vision care and accident insurance.

⁽a) FY 2022-23 Adopted Budget vs. FY 2021-22 Adopted Budget.

SALARIES & EMPLOYEE BENEFITS

South Coast AQMD Personnel Summary – Authorized/Funded Positions							
Positions as of	Mid-Year A	djustments	Positions as of	FY 2022-	23 Request	Positions as of	
July 1, 2021	Add	Delete	June 30, 2022	Add	Delete	July 1, 2022	
957	17	(15)	959	22	(11)	970	

Fiscal Year 2021-22 Mid-	Year Changes in Authorized/Funded Positi	ons		
Office	Position	Add	Delete	Total
Administrative and Human Resources	Administrative Assistant I	1	-	1
Administrative and Human Resources	Senior Office Assistant		(1)	(1)
Compliance & Enforcement	AQ Inspector II	4	-	4
Compliance & Enforcement	AQ Inspector III	1	-	1
Compliance & Enforcement	Office Assistant	1	-	1
Compliance & Enforcement	Administrative Assistant I	1	-	1
Compliance & Enforcement	Senior Enforcement Manager	1	-	1
Compliance & Enforcement	Program Supervisor	1	-	1
Executive Office	Director of Community Air Programs	1	-	1
Engineering & Permitting	Program Supervisor	1	-	1
Engineering & Permitting	Senior Air Quality Engineering Manager	1	-	1
Legislative & Public Affairs/Media Office	Senior Public Affairs Specialist	1	-	1
Planning, Rule Development & Implementation	Administrative Assistant I	-	(1)	(1)
Planning, Rule Development & Implementation	Office Assistant	-	(1)	(1)
Planning, Rule Development & Implementation	Program Supervisor	-	(1)	(1)
Planning, Rule Development & Implementation	Air Quality Inspector II	-	(4)	(4)
Planning, Rule Development & Implementation	Air Quality Inspector III	-	(1)	(1)
Planning, Rule Development & Implementation	Director of Strategic	-	(1)	(1)
	Initiatives/Community Air Programs			
Science & Technology Advancement	Administrative Assistant II	1	-	1
Science & Technology Advancement	Air Quality Chemist	1	-	1
Science & Technology Advancement	Air Quality Instrument Specialist II	-	(1)	(1)
Science & Technology Advancement	Planning and Rules Manager	1	-	1
Science & Technology Advancement	Program Supervisor	-	(1)	(1)
Science & Technology Advancement	Senior Air Quality Engineer	-	(1)	(1)
Science & Technology Advancement	Senior Office Assistant	-	(1)	(1)
Science & Technology Advancement	Senior Public Affairs Manager	-	(1)	(1)
Total Mid-Year	Changes	17	(15)	2

SALARIES & EMPLOYEE BENEFITS

Fiscal Year 2022-23 Proposed Personnel Actions						
Office	Position	Add	Delete	Total		
Administrative and Human Resources	Human Resources Analyst	1	1	1		
Clerk of the Boards	Senior Office Assistant	1	-	1		
Compliance and Enforcement	Program Supervisor	3	-	3		
Compliance and Enforcement	Staff Specialist	1	-	1		
Compliance and Enforcement	Air Quality Inspector II	-	(5)	(5)		
Executive Office	Administrative Assistant II	1	-	1		
Engineering & Permitting	Air Quality Engineer II	-	(2)	(2)		
Engineering & Permitting	Supervising Air Quality Engineer	2	-	2		
Finance	Senior Fiscal Assistant	1	-	1		
Information Management	Assistant Information Technology Specialist	-	(2)	(2)		
Information Management	Information Technology Specialist I	-	(1)	1		
Information Management	Information Technology Specialist II	3	-	1		
Information Management	Information Technology Manager –	1	-	1		
	Cybersecurity					
Legal	Assistant Chief Deputy Counsel	1	1	1		
Legal	Senior Deputy District Counsel	1	(1)	(1)		
Planning, Rule Development & Implementation	Air Quality Specialist	2	1	2		
Science & Technology Advancement	Administrative Assistant I	1	-	1		
Science & Technology Advancement	Air Quality Inspector II	1	-	1		
Science & Technology Advancement	Air Quality Specialist	3	-	3		
Total Fiscal Year 2022-23 Pro	pposed Personnel Actions	22	(11)	11		

SERVICES & SUPPLIES

Acct. #	Account Description	FY 2021-22 Adopted Budget	FY 2021-22 Amended Budget	FY 2021-22 Estimate	FY 2022-23 Proposed Budget	Increase/ (Decrease) ^(a)
67250	INSURANCE	\$1,449,140	\$1,449,140	\$1,449,140	\$1,811,425	\$362,285

This account is for insurance coverage for the following: commercial property (real and personal) with earthquake and flood coverage, boiler and machinery, public official liability, excess workers' compensation, and excess general liability. South Coast AQMD is self-insured for workers' compensation, general liability, and automobile liability. The amount requested reflects anticipated workers' compensation claims, insurance policy premiums, property losses above South Coast AQMD's insurance deductibles, and liability claim payments.

67300	RENTS & LEASES	\$212,280	\$253,291	\$253,291	\$200,280	(\$12,000)
	EQUIPMENT					

This account is for lease agreements and/or rental of office equipment, such as communication devices for emergency response inspectors, laboratory and atmospheric measurement equipment for special projects, audio visual equipment for outside meetings, printing equipment, and photocopiers.

67350	RENTS & LEASES	\$591,843	\$611,834	\$611,834	\$592,843	\$1,000
	STRUCTURE					

This account is for expenditures associated with structures and lot leases, and off-site storage rentals:

Long Beach field office - \$316,543;

Conference and meeting rooms - \$9,000;

Air monitoring sites/Wind Stations - \$239,000;

Public Meetings - \$8,000; and

Bay Area office space - \$20,300

Free and low-cost public facilities are used whenever possible for public workshops and informational meetings. The FY 2022-23 Proposed Budget does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

	67400	HOUSEHOLD	\$907,195	\$909,895	\$909,895	\$897,195	(\$10,000)
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This account is used for trash disposal, landscape maintenance, parking lot maintenance, janitorial supplies, and janitorial contracts. The decrease from the FY 2021-22 Adopted Budget reflects the anticipated level of expenditures for FY 2022-23.

67450	PROFESSIONAL &	\$8,796,501	\$11,484,830	\$10,517,091	\$9,944,850	\$1,148,349
	SPECIAL SERVICES					

This account is for services rendered to South Coast AQMD by outside contractors. The FY 2022-23 Professional & Special Services supporting detail is located at the end of this section. The increase from the FY 2021-22 Adopted Budget is a result of expenditures related to emergency operations center and an increase in the health insurance brokerage contract. The FY 2022-23 Proposed Budget also does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

⁽a)FY 2022-23 Proposed Budget vs. FY 2021-22 Adopted Budget.

SERVICES & SUPPLIES

Acct. #	Account Description	FY 2021-22 Adopted Budget	FY 2021-22 Amended Budget	FY 2021-22 Estimate	FY 2022-23 Proposed Budget	Increase/ (Decrease) ^(a)
67460	TEMPORARY AGENCY SERVICES	\$772,048	\$750,694	\$750,694	\$771,048	(\$1,000)

Funds budgeted in this account are used for specialized temporary services that supplement staff in support of South Coast AQMD programs. Amounts are budgeted as a contingency for long-term absences and retirements/resignations. Also budgeted in this account is the student internship program that provides college students with the opportunity to gain experience in the workplace. The FY 2022-23 Proposed Budget does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

67500	PUBLIC NOTICE &	\$507,623	\$523,123	\$452,123	\$512,623	\$5,000
	ADVERTISING					

This account is used for legally required publications such as Requests for Proposals, Requests for Quotations, personnel recruitment, public outreach, advertisement of South Coast AQMD Governing Board and Hearing Board meetings, and public notification of South Coast AQMD rulemaking activities.

67550	DEMURRAGE	\$161,680	\$184,135	\$184,135	\$161,680	\$0
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This account is for various freight and cylinder charges as well as workspace reconfigurations and personnel moves. The FY 2022-23 Proposed Budget does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

67600	MAINTENANCE OF	\$815,470	\$1,271,384	\$1,242,743	\$818,464	\$2,994
	EQUIPMENT					

This account is for maintenance costs of South Coast AQMD equipment such as: mainframe computer hardware, phone switch, air monitoring equipment, print shop equipment, copiers, and audio-visual equipment. The FY 2022-23 Proposed Budget does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

67650	BUILDING	\$1,022,479	\$1,042,879	\$1,002,479	\$1,022,479	\$0
	MAINTENANCE					

This account reflects expenditures for maintaining South Coast AQMD offices and air monitoring stations. The account also includes the following: a contingency amount for unplanned repairs; Gateway Association dues; elevator maintenance; energy management; and compressor services. The FY 2022-23 Proposed Budget does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

⁽a) FY 2022-23 Proposed Budget vs. FY 2021-22 Adopted Budget.

Acct. #	Account Description	FY 2021-22 Adopted Budget	FY 2021-22 Amended Budget	FY 2021-22 Estimate	FY 2022-23 Proposed Budget	Increase/ (Decrease) ^(a)
67700	AUTO MILEAGE	\$106,127	\$204,127	\$144,127	105,927	(\$200)

This account is used to reimburse employees for the cost of using personal vehicles while on South Coast AQMD business. The requests include the mileage incurred for staff who are required to work on their scheduled days off and for employees who use their personal vehicles on South Coast AQMD-related business, conferences, and seminars and to attend various community, business and intergovernmental events. The FY 2022-23 Proposed Budget does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

67750 AUTO SERVICE	\$470,000 \$470,000	\$450,000	\$470,000	\$0
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This account is used for the maintenance, towing, repair, and expired CNG tank replacement of South Coast AQMD fleet vehicles.

This account is for business travel, including lodging and meals paid pursuant to the Administrative Code, for participation in legislative hearings and meetings involving state, federal, and inter-agency issues that affect air quality in the South Coast Air Basin. The FY 2022-23 Proposed Budget does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

67850	UTILITIES	\$1,967,620	\$1,967,620	\$1,797,620	\$1,965,620	(\$2,000)

This account is used to pay gas, water, and electricity costs at the South Coast AQMD's headquarters building, the Long Beach field office, and air monitoring stations. The decrease from the FY 2021-22 Adopted Budget reflects the anticipated level of expenditures for FY 2022-23.

67900	COMMUNICATIONS	\$898,884	\$848,950	\$848 950	\$1,098,884	\$200,000
0/300	COMMUNICATIONS	3030,00 4	3040,330	3040,330) JI,UJO,OO4	3200,000

This account includes telephone and fax service, leased computer lines, video conferencing, wireless internet access for inspectors in the field, radio, and microwave services. The increase from the FY 2021-22 Adopted Budget reflects the anticipated level of expenditures for FY 2022-23. The FY 2022-23 Proposed Budget also does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

67950	INTEREST EXPENSE	\$3,186,361	\$3,186,361	\$3,186,361	\$348,736	(\$2,837,625)
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This account is for the interest due on the 1995 and 2004 Pension Obligation Bonds. The decrease from the FY 2021-22 Adopted Budget is due to the maturity of the 1995 Pension Obligation Bond.

⁽a)FY 2022-23 Proposed Budget vs. FY 2021-22 Adopted Budget.

Acct. #	Account Description	Budget	Budget	Estimate		(Decrease) ^(a)
		FY 2021-22 Adopted	FY 2021-22 Amended	FY 2021-22	FY 2022-23 Proposed	Increase/

This account is for the purchase of safety equipment and protective clothing used by source testing, laboratory, compliance, and stockroom personnel. The increase from the FY 2021-22 Adopted Budget reflects the anticipated level of expenditures for FY 2022-23.

68050	LABORATORY	\$557,000	\$622,175	\$512,000	\$562,000	\$5,000
	SUPPLIES					

This account is used to purchase various supplies such as chemicals, calibration gases and glassware for laboratory services. The FY 2022-23 Proposed Budget reflects no change in anticipated needs. The FY 2022-23 Proposed Budget does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

68060	POSTAGE	\$432,158	\$446,989	\$374,656	\$421,158	(\$11,000)
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This account covers the cost of mailing out annual billings, permits, notifications to the Governing Board and Advisory groups, monthly newsletters, warrants, outreach materials to local governments, and Rule 2202 notifications. The decrease from the FY 2021-22 Adopted Budget reflects the anticipated level of expenditures for FY 2022-23.

68100	OFFICE EXPENSE	\$1,538,421	\$1,709,712	\$1,495,626	\$1,531,011	(\$7,410)

This account is used for the purchase of office supplies, computer hardware and software under \$5,000, photocopier supplies, print shop and graphic art supplies, and stationery and forms. The FY 2022-23 Proposed Budget does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

68200	OFFICE FURNITURE	\$48,000	\$75,982	\$75,982	\$46,000	(\$2,000)
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This account is for office furniture under \$5,000. The decrease from the FY 2021-22 Adopted Budget reflects the anticipated level of expenditures for FY 2022-23.

68250	SUBSCRIPTIONS &	\$179,074	\$248,451	\$248,451	\$178,617	(\$457)
	BOOKS					

This account is used to purchase reference materials, magazine subscriptions, books, and on-line database legal research services.

⁽a)FY 2022-23 Proposed Budget vs. FY 2021-22 Adopted Budget.

Acct. #	Account Description	FY 2021-22 Adopted Budget	FY 2021-22 Amended Budget	FY 2021-22 Estimate	FY 2022-23 Proposed Budget	Increase/ (Decrease) ^(a)
68300	SMALL TOOLS, INSTRUMENTS, EQUIPMENT	\$177,276	\$366,962	\$366,962	\$179,246	\$1,970

This account covers the purchase of small tools and equipment for air monitoring stations, laboratory, and headquarters building maintenance. The FY 2022-23 Proposed Budget does not include amounts for federally funded grant programs. Expenditure appropriations will occur mid-year for these programs.

68400 GAS & OIL \$292,021 \$292,021 \$250,000 \$266,021 (\$2
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This account is for the purchase of gasoline, oil, and alternative fuels for the South Coast AQMD fleet. The FY 2022-23 Proposed Budget reflects a decrease in anticipated needs.

69500	TRAINING/CONF/	\$992,807	\$981,857	\$906,417	\$987,607	(\$5,200)
	TUITION/BOARD EXP					

This account is used for tuition reimbursement, conference and training registrations, certain costs associated with South Coast AQMD's Governing and Hearing Boards and advisory groups, and training-related travel expenditures. The decrease from the FY 2021-22 Adopted Budget reflects the anticipated level of expenditures for FY 2022-23.

69550	MEMBERSHIPS	\$76,428	\$259,772	\$247,522	\$75,328	(\$1,100)

This account provides for South Coast AQMD membership in in scientific, clean fuels, advanced technology, and related environmental business/policy organizations. The decrease from the FY 2021-22 Adopted Budget reflects the anticipated level of expenditures for FY 2022-23.

69600	TAXES	\$64,500	\$64,500	\$37,000	\$65,500	\$1,000

This account is for unsecured property and use taxes, fuel taxes, and sales taxes. The FY 2022-23 Proposed Budget reflects the increase in expenditures for necessary licenses and permits fees.

69650	AWARDS	\$69,023	\$69,023	\$69,023	\$70,023	\$1,000

This account covers employee service awards for continuous service, employee recognition programs, plaques/awards the South Coast AQMD may present to individuals/businesses/community groups for outstanding contributions towards air quality goals, and promotional items for community events. The FY 2022-23 Proposed Budget reflects an increase in the anticipated level of expenditures.

69700	MISCELLANEOUS	\$245,525	\$192,250	\$185,250	\$232,525	(\$13,000)
	EXPENSES					

This account is to record expenditures that do not fall in any other account such as South Coast AQMD advisory group per diems, meeting and event expenses, and sponsorships. The decrease from the FY 2021-22 Adopted Budget reflects the anticipated level of expenditures for FY 2022-23.

⁽a) FY 2022-23 Proposed Budget vs. FY 2021-22 Adopted Budget.

Acct. #	Account Description	FY 2021-22 Adopted Budget	FY 2021-22 Amended Budget	FY 2021-22 Estimate	FY 2022-23 Proposed Budget	Increase/ (Decrease) ^(a)
69750	PRIOR YEAR EXPENSE	\$0	\$0	\$0	\$0	\$0

This account is used to record actual expenditures attributable to prior year budgets. No amount is budgeted for this account due to the nature of the account.

69800	UNCOLLECTIBLE	\$0	\$0	\$0	\$0	\$0
	ACCOUNTS					
	RECEIVABLE					

No amount is budgeted for this account due to the nature of the account.

89100	PRINCIPAL	\$4,006,881	\$4,006,881	\$4,006,881	\$3,780,000	(\$226,881)
	REPAYMENT					

This account reflects the principal due on the 2004 pension obligation bonds. The decrease from the FY 2021-22 Adopted Budget is due to the maturity of the 1995 Pension Obligation Bond.

⁽a) FY 2022-23 Proposed Budget vs. FY 2021-22 Adopted Budget.

Pro	pposed Fiscal Year 2022-23	Professional & Special Services Detail by Office	
Office	Program	Contract Description	Amount
District General	Dist. General Overhead	Administrative Fees for 1995 & 2004 Pension Obligation Bonds (POBs)	\$1,500
	Dist. General Overhead	Alliant Health Insurance Brokerage	95,000
	Dist. General Overhead	Arbitration/Hearing Officer	9,400
	Dist. General Overhead	Benefits Administrator	13,000
	Dist. General Overhead	COBRA Administration Services	6,000
	Dist. General Overhead	Custodial Fees for 1995 & 2004 POBs	800
	Dist. General Overhead	Emergency Operations Center	1,000,000
	Dist. General Overhead	Employee Assistance Program	13,995
	Dist. General Overhead	Employee Relations Litigation	200,000
	Dist. General Overhead	Health Reimbursement Arrangement Plan	5,000
		Administration	
	Dist. General Overhead	Insurance Brokerage	65,000
	Dist. General Overhead	LACERA OPEB Actuary Services	20,000
	Dist. General Overhead	Modular Furniture Maintenance, Setup, and	15,000
		Moving Services	
	Dist. General Overhead	Oracle Software Support	30,400
	Dist. General Overhead	PeopleSoft Maintenance	208,400
	Dist. General Overhead	Plans and Design Consulting Services	95,000
	Dist. General Overhead	Security Alarm Monitoring	2,168
	Dist. General Overhead	Security Guard Services	584,114
	Dist. General Overhead	Wellness Program	35,312
	Sub-total	District General	\$2,400,089
Governing Board	Operational Support	Board Member Assistant/Consultants	\$807,784
	Sub-total	Governing Board	\$807,784
Executive Office	Develop Programs	Diversity, Equity, & Inclusion Programs	\$100,000
	Develop Programs	Professional & Special Services	75,000
	Sub-total	Executive Office	\$175,000
Finance	Customer Service and Business Assistance	AB 2766 Audit of DMV Fee Recipients	\$10,000
	Operational Support	Bank Service Charges/Los Angeles County Treasurer Office	60,000
	Ensure Compliance	Bank Services Fund 15, Hot Spots Lockbox	15,000
	Operational Support	E-Check Fee	3,000
	Operational Support	Financial Audit	59,305
	Operational Support	Financial Consultant for Treasury Management	23,000
	Operational Support	LA County Treasurer Office - PGP Maintenance	1,650
	Sub-total		\$171,955
Legal	Ensure Compliance	Experts/Court Reporters/Attorney Services	\$30,000
	Ensure Compliance	Litigation Counsel	126,001
	Ensure Compliance	Software Maintenance & Licensing	40,000
		. 5,550	
	Operational Support	Specialized Legal Services	50,000

Propose	ed Fiscal Year 2022-23 Pro	fessional & Special Services Detail by Office (cont.)
Office	Program	Contract Description	Amount
Administrative & Human Resources	Operational Support	In-house Training Classes	\$4,000
	Operational Support	Medical Services Provider	24,250
	Operational Support	NEOGOV Multiple Contracts	73,107
	Operational Support	Occupational Health Services	75,000
	Operational Support	Test Development	15,000
	Operational Support	Third-Party Claims Administrator for Workers Compensation	21,792
	Sub-tot	al Administrative & Human Resources	\$213,149
Clerk of the Boards	Ensure Compliance	Court Reporting, Audio-visual, and/or Security Services	\$63,800
	Ensure Compliance	Outside Legal Contract	15,000
	Ensure Compliance	Professional Interpreter Services	6,400
	Sub-tot	\$85,200	
Information Management	Operational Support	Action Works Metro System Software Support	\$20,000
	Operational Support	Adobe Creative Cloud Software Support	2,500
	Operational Support	AER & R1113/314 Upgrade & Maintenance	15,000
	Operational Support	AIS (Address Information System) Five Digit Subscription	1,200
	Operational Support	Anti-Spam (MailShield) Maintenance and Support	15,000
	Operational Support	ArcGIS Online Annual Subscription	1,000
	Operational Support	Backup Software	50,000
	Operational Support	Backup Utility Maintenance	11,500
	Operational Support	CLASS System Maintenance	88,000
	Operational Support	Component One Software Support	1,200
	Operational Support	Computer-Based Training Software Support	1,800
	Operational Support	CourtView/DPO Maintenance	10,000
	Operational Support	Crystal Reports Software Support	22,000
	Operational Support	Disaster Recovery Software	60,000
	Operational Support	Dundas Chart Software Support	700
	Operational Support	Dynamic Web Twain License Renewal	5,700
	Operational Support	Email Recovery Software (PowerControls) Maint/Support	2,750
	Operational Support	Email Reporting	4,000
	Operational Support	ERwin ERX & BPwin SW Support	26,000
	Operational Support	Faxcom FaxServer Support	15,000
	Operational Support	Imaging Software Support	145,000
	Operational Support	Infragistics Pro Software Support	1,000
	Operational Support	Ingres/OpenIngres Additional Licensing	72,000

Operational Support InstallShield Software Support 3,80	Propose	d Fiscal Year 2022-23 Pro	fessional & Special Services Detail by Office (cont.	
Operational Support InstallShield Software Support 3,80 Operational Support Internet Filtering (SmartFilter) Operational Support Kronos Time Keeper 2,00 Operational Support Nosoft Developer Network CD - 15,19 Application Development Person Nosoft Developer Network Premium Renewal Operational Support Microsoft Developer Network Premium Renewal Operational Support Microsoft Virtual Earth Maintenance/Support Support Network Applications) Operational Support Network Applications Operational Support Network Analyzer (Sniffer) Applications Operational Support Network Backbone Support 15,00 Operational Support Off-site Document Destruction Services 24,00 Operational Support Off-site Document Destruction Services 24,00 Operational Support Off-site Storage Nightly Computer Backup 22,00 Operational Support Online Filing Infrastructure 25,00 Operational Support Presmptive Analytics Software Support 24,00 Operational Support Presmptive Analytics Software Support 3,325 Operational Support Presmptive Analytics Software Support 4,90 Operational Support ScaleOut StateServer Maintenance 8,500 Operational Support Secure Service Digital ID Services 2,00 Operational Support Secure Service Digital ID DEC Internet Server 9,50 Operational Support Software Support for OD-Line Catalog 2,05 Operational Support Software Support for EOS.Web Enterprise 6,30 Operational Support Telephone Switchview Software Support 9,50 Operational Support Telephone Switchview Software Support 9,50 Operational Support Telephone Switchview Software Support 9,50 Operational Support Virus Scan Support 9,50 O	Office	Program	Contract Description	Amount
Operational Support InstallShield Software Support 3,80	Information	Operational Support	Ingres/OpenIngres Advanced Success Pack	\$140,000
Operational Support Internet Filtering (SmartFilter) 70,000 Operational Support Kronos Time Keeper 2,000 Operational Support Microsoft Developer Network CD - 15,19 Application Development Application Development Microsoft Developer Network Premium Applications Microsoft Developer Network Premium Applications Operational Support Microsoft Virtual Earth Maintenance/Support 15,000 Operational Support Microsoft Virtual Earth Maintenance/Support 15,000 Operational Support Network Analyzer (Sniffer) Applications) Operational Support Network Maintenance/Support 15,000 Operational Support Network Mackbone Support 15,000 Operational Support Network Mackbone Support 15,000 Operational Support Network Mackbone Support 15,000 Operational Support Off-site Document Destruction Services 20,000 Operational Support Off-site Storage Nightly Computer Backup 22,000 Operational Support Off-site Storage Nightly Computer Backup 22,000 Operational Support Off-site Software Support 22,000 Operational Support Presmptive Analytics Software Support 24,000 Operational Support Presmptive Analytics Software Support 3,250 Operational Support Proxy Reporting Support 3,250 Operational Support Presmptive Analytics Software Support 4,900 Operational Support Scaleout StateServer Maintenance 8,500 Operational Support Scaleout StateServer Maintenance 8,500 Operational Support Software Support 50 Operational Support Software Support 6ro Cos. Web Enterprise 6,300 Operational Support Software Support for Cos. Web Enterprise 6,300 Operational Support Software Support for Cos. Web Enterprise 6,300 Operational Support Software Support 6ro Sos. Web Enterprise 6,300 Operational Support Software Support 6ro Sos. Web Enterprise 6,300 Operational Support 70 Operational Support 70 Operational Support 71 Operational Support 72 Operational Support 72 Operational Support 73 Operational Support 74 Operational Support 74 Operational Support 75 Operation	Management (cont.)			
Operational Support Kronos Time Keeper 2,00		Operational Support	InstallShield Software Support	3,800
Operational Support Kronos Time Keeper 2,00 Operational Support Microsoft Developer Network CD - Application Development 15,19 Operational Support Microsoft Developer Network Premium Renewal 4,00 Operational Support Microsoft Technical Software Support (Server Applications) 15,00 Operational Support Microsoft Virtual Earth Maintenance/Support 15,00 Operational Support Network Analyzer (Sniffer) 4,50 Maintenance/Support 15,00 Operational Support Network Backbone Support 15,00 Operational Support NT Software Support - Proactive 62,00 Operational Support Off-site Document Destruction Services 24,00 Operational Support Off-site Storage Nightly Computer Backup 22,00 Operational Support Online Filing Infrastructure 25,00 Operational Support PowerBuilder Software Support 24,00 Operational Support Presumptive Analytics Software Support 24,00 Operational Support Presumptive Analytics Software Support 2,00 Operational Support ScaleOut StateServer Maintenance		Operational Support		70,000
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Application Development Microsoft Developer Network Premium Renewal Operational Support Microsoft Technical Software Support (Server Applications) Operational Support Microsoft Virtual Earth Maintenance/Support Operational Support Network Analyzer (Sniffer) Maintenance/Support Operational Support Off-site Document Destruction Services Operational Support Operational Support Off-site Storage Nightly Computer Backup Operational Support Secure Service Digital ID Services Operational Support Operational Support Operational Support Secure Service Digital ID DEC Internet Server Operational Support Operational Support Operational Support Software Support for On-Line Catalog Operational Support Operational Support Software Support for On-Line Catalog Operational Support Operational Support Operational Support Software Support for On-Line Catalog Operational Support Operational Supp			•	2,000
Renewal		Operational Support		15,196
Applications) Operational Support Microsoft Virtual Earth Maintenance/Support 15,00 Operational Support Network Analyzer (Sniffer) 4,50 Maintenance/Support 15,00 Operational Support Network Backbone Support 15,00 Operational Support NT Software Support - Proactive 62,00 Operational Support Off-site Document Destruction Services 24,00 Operational Support Off-site Storage Nightly Computer Backup 22,00 Operational Support Online Filing Infrastructure 25,00 Operational Support PowerBuilder Software Support 24,00 Operational Support Proxy Reporting Support 3,25 Operational Support Proxy Reporting Support 3,25 Operational Support ScaleOut StateServer Maintenance 8,50 Operational Support Secure Service Digital ID Services 2,00 Operational Support Secure Service Digital ID DEC Internet Server 9,50 Operational Support Sitefinity CMS Software Support 9,50 Operational Support Software Support for EOS.Web Enterprise 6,30 Operational Support Software Support for FOS.Web Enterprise 6,30 Operational Support Software Support for FO On-Line Catalog 2,05 Operational Support South Coast AQMD Web App Modifications 20,00 Operational Support Telephone Switchview Software Support 9,50 Operational Support Virus Scan Support 15,00 Operational Support Web Consulting Support 64,30 Operational Support Web Consulting Support 10,00 Operational Support Web Core Technology Upgrade (.NET 10,00 Operational Support Web Site Evaluation & Improvement 200,00		Operational Support	·	4,000
Operational Support Microsoft Virtual Earth Maintenance/Support 15,00 Operational Support Network Analyzer (Sniffer) 4,50 Maintenance/Support 15,00 Operational Support Network Backbone Support 15,00 Operational Support NT Software Support - Proactive 62,00 Operational Support Off-site Document Destruction Services 24,00 Operational Support Off-site Storage Nightly Computer Backup 22,00 Operational Support Online Filing Infrastructure 25,00 Operational Support PowerBuilder Software Support 24,00 Operational Support PreEmptive Analytics Software Support 7,00 Operational Support Proxy Reporting Support 3,25 Operational Support Proxy Reporting Support 4,90 Operational Support ScaleOut StateServer Maintenance 8,50 Operational Support Secure Service Digital ID DEC Internet Server 85 Operational Support Secure Service Digital ID DEC Internet Server 9,50 Operational Support Software Support 60 Operational Support Software Support for COS.Web Enterprise 6,30 Operational Support Software Support for COS.Web Enterprise 6,30 Operational Support Software Support for On-Line Catalog 2,05 Operational Support Software Support for On-Line Catalog 2,05 Operational Support Swiftview Software Support 9,50 Operational Support Swiftview Software Support 9,50 Operational Support Felephone Switchview Software Support 9,50 Operational Support Telephone Switchview Software Support 9,50 Operational Support Videoteleconferencing Maintenance & 20,00 Operational Support Videoteleconferencing Maintenance & 20,00 Operational Support Visual Expert Software Support 64,30 Operational Support Visual Expert Software Support 64,30 Operational Support Web Consulting Support 64,30		Operational Support		15,000
Operational Support Network Analyzer (Sniffer) Maintenance/Support 15,00 Operational Support Network Backbone Support 15,00 Operational Support Off-site Document Destruction Services 24,00 Operational Support Off-site Document Destruction Services 24,00 Operational Support Off-site Storage Nightly Computer Backup 22,00 Operational Support Online Filing Infrastructure 25,00 Operational Support PowerBuilder Software Support 24,00 Operational Support PreEmptive Analytics Software Support 7,00 Operational Support Proxy Reporting Support 3,25 Operational Support Proxy Reporting Support 4,90 Operational Support PvCS Software Support 3,25 Operational Support ScaleOut StateServer Maintenance 8,50 Operational Support Secure Service Digital ID Services 2,00 Operational Support Secure Service Digital ID DEC Internet Server 85 Operational Support Software Support for EOS. Web Enterprise 6,30 Operational Support Software Support for On-Line Catalog 2,05 Operational Support Telephone Switchview Software Support 9,50 Operational Support Videoteleconferencing Maintenance & 20,00 Operational Support Videoteleconferencing Maintenance & 20,00 Operational Support Visus Scan Support 15,00 Operational Support Visus Scan Support 64,30 Operational Support Web Consulting Support 64,30 Operational Support Web Consulting Support 10,00 Operational Support Web Consulting Support 64,30 Operational Support Web Consulting Support 10,00 Operational Support Web Consulting Support 10,00 Operational Support Web Consulting Support 10,00		Operational Support		15,000
Maintenance/Support 15,00				4,500
Operational SupportNT Software Support - Proactive62,00Operational SupportOff-site Document Destruction Services24,00Operational SupportOff-site Storage Nightly Computer Backup22,00Operational SupportOnline Filing Infrastructure25,00Operational SupportPowerBuilder Software Support24,00Operational SupportPreEmptive Analytics Software Support7,00Operational SupportProxy Reporting Support3,25Operational SupportPvCS Software Support4,90Operational SupportScaleOut StateServer Maintenance8,50Operational SupportSecure Service Digital ID Services2,00Operational SupportSecure Service Digital ID DEC Internet Server85Operational SupportSoftware Support for EOS.Web Enterprise6,30Operational SupportSoftware Support for On-Line Catalog2,05Operational SupportSouth Coast AQMD Web App Modifications20,00Operational SupportSwiftview Software Support95Operational SupportTelephone Switchview Software Support9,50Operational SupportTreminal Emulation (Reflection)1,17Maintenance/SupportOperational SupportVideoteleconferencing Maintenance &20,00Operational SupportVisus Scan Support5,00Operational SupportVisus Expert Software Support6,00Operational SupportWeb Consulting Support64,30Operational SupportWeb Core Technology Upgrade (.NET10,00<			, , ,	.,
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Operational Support Off-site Storage Nightly Computer Backup 22,00 Operational Support Online Filing Infrastructure 25,00 Operational Support PowerBuilder Software Support 24,00 Operational Support PreEmptive Analytics Software Support 7,00 Operational Support Proxy Reporting Support 3,25 Operational Support PVCS Software Support 4,90 Operational Support ScaleOut StateServer Maintenance 8,50 Operational Support Secure Service Digital ID Services 2,00 Operational Support Secure Service Digital ID DEC Internet Server 85 Operational Support Secure Service Digital ID DEC Internet Server 85 Operational Support Software Support for EOS. Web Enterprise 6,30 Operational Support Software Support for On-Line Catalog 2,05 Operational Support Swiftview Software Support 95 Operational Support Telephone Switchview Software Support 9,50 Operational Support Terminal Emulation (Reflection) 1,17 Maintenance/Support Videoteleconferencing Maintenance & Support </td <td></td> <td>Operational Support</td> <td>NT Software Support - Proactive</td> <td>62,000</td>		Operational Support	NT Software Support - Proactive	62,000
Operational Support Online Filing Infrastructure 25,000 Operational Support PowerBuilder Software Support 24,000 Operational Support PreEmptive Analytics Software Support 7,000 Operational Support Proxy Reporting Support 3,250 Operational Support PvCS Software Support 4,900 Operational Support ScaleOut StateServer Maintenance 8,500 Operational Support Secure Service Digital ID Services 2,000 Operational Support Secure Service Digital ID DEC Internet Server 850 Operational Support Software Support 10,500 Operational Support South Coast AQMD Web App Modifications 20,000 Operational Support Swiftview Software Support 9,500 Operational Support Telephone Switchview Software Support 9,500 Operational Support Telephone Switchview Software Support 9,500 Operational Support Terminal Emulation (Reflection) 1,17 Maintenance/Support 0,17 Operational Support Virus Scan Support 15,000 Operational Support Virus Scan Support 15,000 Operational Support Virus Scan Support 15,000 Operational Support Web Consulting Support 64,300 Operational Support Web Consulting Support 10,000 Operational Support Web Core Technology Upgrade (.NET 10,000 Operational Support Web Site Evaluation & Improvement 200,000		Operational Support	Off-site Document Destruction Services	24,000
Operational Support PowerBuilder Software Support 24,000 Operational Support PreEmptive Analytics Software Support 7,000 Operational Support Proxy Reporting Support 3,250 Operational Support PVCS Software Support 4,900 Operational Support ScaleOut StateServer Maintenance 8,500 Operational Support Secure Service Digital ID Services 2,000 Operational Support Secure Service Digital ID DEC Internet Server 850 Operational Support Secure Service Digital ID DEC Internet Server 9,500 Operational Support Software Support 9,500 Operational Support Software Support for EOS.Web Enterprise 6,300 Operational Support Software Support for On-Line Catalog 2,050 Operational Support South Coast AQMD Web App Modifications 20,000 Operational Support Swiftview Software Support 950 Operational Support Telephone Switchview Software Support 9,500 Operational Support Telephone Switchview Software Support 9,500 Operational Support Videoteleconferencing Maintenance & 20,000 Support Operational Support Virus Scan Support 15,000 Operational Support Visual Expert Software Support 6,000 Operational Support Web Consulting Support 64,300 Operational Support Web Consulting Support 64,300 Operational Support Web Core Technology Upgrade (.NET 10,000 Operational Support Website Evaluation & Improvement 200,000		Operational Support	Off-site Storage Nightly Computer Backup	22,000
Operational Support PreEmptive Analytics Software Support 7,000 Operational Support Proxy Reporting Support 3,250 Operational Support PVCS Software Support 4,900 Operational Support ScaleOut StateServer Maintenance 8,500 Operational Support Secure Service Digital ID Services 2,000 Operational Support Secure Service Digital ID DEC Internet Server 850 Operational Support Sitefinity CMS Software Support 9,500 Operational Support Software Support 6,300 Operational Support Software Support for On-Line Catalog 2,050 Operational Support South Coast AQMD Web App Modifications 20,000 Operational Support Swiftview Software Support 9,500 Operational Support Telephone Switchview Software Support 9,500 Operational Support Telephone Switchview Software Support 9,500 Operational Support Videoteleconferencing Maintenance & 20,000 Support Operational Support Virus Scan Support 15,000 Operational Support Visual Expert Software Support 6,000 Operational Support Web Consulting Support 64,300 Operational Support Web Consulting Support 64,300 Operational Support Web Core Technology Upgrade (.NET 10,000 Operational Support Website Evaluation & Improvement 200,000		Operational Support	Online Filing Infrastructure	25,000
Operational Support Proxy Reporting Support 3,25 Operational Support PVCS Software Support 4,90 Operational Support ScaleOut StateServer Maintenance 8,50 Operational Support Secure Service Digital ID Services 2,00 Operational Support Secure Service Digital ID DEC Internet Server 85 Operational Support Sitefinity CMS Software Support 9,50 Operational Support Software Support for EOS.Web Enterprise 6,30 Operational Support Software Support for On-Line Catalog 2,05 Operational Support South Coast AQMD Web App Modifications 20,00 Operational Support Swiftview Software Support 9,50 Operational Support Telephone Switchview Software Support 9,50 Operational Support Terminal Emulation (Reflection) 1,17 Maintenance/Support Operational Support Videoteleconferencing Maintenance & 20,00 Operational Support Virus Scan Support 15,00 Operational Support Visual Expert Software Support 6,00 Operational Support Web Consulting Support 64,30 Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00		Operational Support	PowerBuilder Software Support	24,000
Operational Support PVCS Software Support 4,900 Operational Support ScaleOut StateServer Maintenance 8,500 Operational Support Secure Service Digital ID Services 2,000 Operational Support Secure Service Digital ID DEC Internet Server 850 Operational Support Sitefinity CMS Software Support 9,500 Operational Support Software Support for EOS.Web Enterprise 6,300 Operational Support Software Support for On-Line Catalog 2,050 Operational Support South Coast AQMD Web App Modifications 20,000 Operational Support Swiftview Software Support 950 Operational Support Telephone Switchview Software Support 9,500 Operational Support Terminal Emulation (Reflection) 1,170 Maintenance/Support Videoteleconferencing Maintenance 20,000 Operational Support Virus Scan Support 15,000 Operational Support Visual Expert Software Support 6,000 Operational Support Web Consulting Support 64,300 Operational Support Web Core Technology Upgrade (.NET 10,000 Upgrade) 00 Operational Support Website Evaluation & Improvement 200,000		Operational Support	PreEmptive Analytics Software Support	7,000
Operational SupportScaleOut StateServer Maintenance8,50Operational SupportSecure Service Digital ID Services2,00Operational SupportSecure Service Digital ID DEC Internet Server85Operational SupportSitefinity CMS Software Support9,50Operational SupportSoftware Support for EOS.Web Enterprise6,30Operational SupportSoftware Support for On-Line Catalog2,05Operational SupportSouth Coast AQMD Web App Modifications20,00Operational SupportSwiftview Software Support95Operational SupportTelephone Switchview Software Support9,50Operational SupportVideoteleconferencing Maintenance & Support20,00Operational SupportVirus Scan Support15,00Operational SupportVisual Expert Software Support6,00Operational SupportWeb Consulting Support64,30Operational SupportWeb Core Technology Upgrade (.NET Upgrade)10,00Operational SupportWeb Site Evaluation & Improvement200,00		Operational Support	Proxy Reporting Support	3,250
Operational Support Secure Service Digital ID Services 2,00 Operational Support Secure Service Digital ID DEC Internet Server 85 Operational Support Sitefinity CMS Software Support 9,50 Operational Support Software Support for EOS.Web Enterprise 6,30 Operational Support Software Support for On-Line Catalog 2,05 Operational Support South Coast AQMD Web App Modifications 20,00 Operational Support Swiftview Software Support 95 Operational Support Telephone Switchview Software Support 9,50 Operational Support Terminal Emulation (Reflection) 1,17 Maintenance/Support Videoteleconferencing Maintenance & 20,00 Support Operational Support Virus Scan Support 15,00 Operational Support Visual Expert Software Support 6,00 Operational Support Web Consulting Support 64,30 Operational Support Web Consulting Support (NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00		Operational Support	PVCS Software Support	4,900
Operational Support Secure Service Digital ID DEC Internet Server Operational Support Sitefinity CMS Software Support 9,50 Operational Support Software Support for EOS.Web Enterprise 6,30 Operational Support Software Support for On-Line Catalog 2,05 Operational Support South Coast AQMD Web App Modifications 20,00 Operational Support Swiftview Software Support 95 Operational Support Telephone Switchview Software Support 9,50 Operational Support Terminal Emulation (Reflection) 1,17 Maintenance/Support Operational Support Videoteleconferencing Maintenance & 20,00 Support Operational Support Virus Scan Support 15,00 Operational Support Visual Expert Software Support 6,00 Operational Support Web Consulting Support 64,30 Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00		Operational Support	ScaleOut StateServer Maintenance	8,500
Operational Support Sitefinity CMS Software Support 9,50 Operational Support Software Support for EOS.Web Enterprise 6,30 Operational Support Software Support for On-Line Catalog 2,05 Operational Support South Coast AQMD Web App Modifications 20,00 Operational Support Swiftview Software Support 95 Operational Support Telephone Switchview Software Support 9,50 Operational Support Terminal Emulation (Reflection) 1,17 Maintenance/Support Operational Support Videoteleconferencing Maintenance & 20,00 Support Operational Support Virus Scan Support 15,00 Operational Support Visual Expert Software Support 6,00 Operational Support Web Consulting Support 64,30 Operational Support Web Consulting Support 10,000 Operational Support Web Core Technology Upgrade (.NET 10,000 Upgrade) Operational Support Website Evaluation & Improvement 200,000		Operational Support	Secure Service Digital ID Services	2,000
Operational Support Software Support for EOS.Web Enterprise 6,30 Operational Support Software Support for On-Line Catalog 2,05 Operational Support South Coast AQMD Web App Modifications 20,00 Operational Support Swiftview Software Support 95 Operational Support Telephone Switchview Software Support 9,50 Operational Support Terminal Emulation (Reflection) 1,17 Maintenance/Support Videoteleconferencing Maintenance & 20,00 Support Operational Support Virus Scan Support 15,00 Operational Support Visual Expert Software Support 6,00 Operational Support Web Consulting Support 64,30 Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00		Operational Support	Secure Service Digital ID DEC Internet Server	850
Operational Support Software Support for On-Line Catalog 2,05 Operational Support South Coast AQMD Web App Modifications 20,00 Operational Support Swiftview Software Support 95 Operational Support Telephone Switchview Software Support 9,50 Operational Support Terminal Emulation (Reflection) 1,17 Maintenance/Support 0 Operational Support Videoteleconferencing Maintenance & 20,00 Support 0 Operational Support Virus Scan Support 15,00 Operational Support Visual Expert Software Support 6,00 Operational Support Web Consulting Support 64,30 Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00		Operational Support	Sitefinity CMS Software Support	9,500
Operational Support South Coast AQMD Web App Modifications 20,00 Operational Support Swiftview Software Support 95 Operational Support Telephone Switchview Software Support 9,50 Operational Support Terminal Emulation (Reflection) 1,17 Maintenance/Support Operational Support Videoteleconferencing Maintenance & 20,00 Support Operational Support Virus Scan Support 15,00 Operational Support Visual Expert Software Support 6,00 Operational Support Web Consulting Support 64,30 Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00		Operational Support	Software Support for EOS.Web Enterprise	6,300
Operational Support Swiftview Software Support 95 Operational Support Telephone Switchview Software Support 9,50 Operational Support Terminal Emulation (Reflection) 1,17 Maintenance/Support Operational Support Videoteleconferencing Maintenance & 20,00 Support Operational Support Virus Scan Support 15,00 Operational Support Visual Expert Software Support 6,00 Operational Support Web Consulting Support 64,30 Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00		Operational Support	Software Support for On-Line Catalog	2,050
Operational Support Operat		Operational Support	South Coast AQMD Web App Modifications	20,000
Operational Support Terminal Emulation (Reflection) 1,17 Maintenance/Support 20,00 Support Operational Support Virus Scan Support 15,00 Operational Support Visual Expert Software Support 6,00 Operational Support Web Consulting Support 64,30 Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00		Operational Support	Swiftview Software Support	950
Maintenance/Support Operational Support Videoteleconferencing Maintenance & 20,000 Support Operational Support Web Consulting Support Operational Support Web Core Technology Upgrade (.NET 10,000 Upgrade) Operational Support Website Evaluation & Improvement 200,000		Operational Support	Telephone Switchview Software Support	9,500
Operational Support Web Consulting Support Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00		Operational Support	·	1,175
Operational Support Virus Scan Support 15,00 Operational Support Visual Expert Software Support 6,00 Operational Support Web Consulting Support 64,30 Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00		Operational Support	Videoteleconferencing Maintenance &	20,000
Operational Support Visual Expert Software Support 6,00 Operational Support Web Consulting Support 64,30 Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00		Operational Support		15,000
Operational Support Web Consulting Support 64,30 Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00			• • • • • • • • • • • • • • • • • • • •	6,000
Operational Support Web Core Technology Upgrade (.NET 10,00 Upgrade) Operational Support Website Evaluation & Improvement 200,00				64,300
Upgrade) Operational Support Website Evaluation & Improvement 200,00				
Operational Support Website Evaluation & Improvement 200,00				10,000
-		Operational Support		200,000
Sub-total Information Management \$1.404.12			otal Information Management	\$1,404,121

Ensure Compliance	Proposed	Fiscal Year 2022-23 Profes	ssional & Special Services Detail by Office (cont.)
Ensure Compliance	Office	Program	Contract Description	Amount
Interpretive Services	Planning, Rule	Ensure Compliance	AB 2588 Printing and Mailing	\$7,000
Monitoring Air Quality Develop Programs California Emissions Estimator Model (CalEEMod) Upgrades/Support Develop Programs CEQA for AQMD Projects Develop Programs CEQA Special Studies Timely Review of Permits Ensure Compliance Monitoring Air Quality Mobile Source Related Data Licenses and Subscriptions Develop Rules PM and Ozone Model Consulting Develop Programs Rule 2202 Computer System Maintenance 15,000 Ensure Compliance Rules 1118 and 1118.1 Notifications 30,000 Develop Rules Shipping Data Licenses and Subscriptions Develop Programs Shipping Special Studies Develop Programs Shipping Special Studies Develop Programs Shipping Special Studies Develop Programs SiP, AQMP and Rule Printing Develop Programs Software, Data Products, and Technical	•	Ensure Compliance	AB 2588 Public Notification Meeting	3,500
Support Develop Programs California Emissions Estimator Model (CalEEMod) Upgrades/Support Develop Programs CEQA for AQMD Projects 125,000	Implementation		Interpretive Services	
Develop Programs California Emissions Estimator Model (CalEEMod) Upgrades/Support Develop Programs CEQA for AQMD Projects Develop Programs CEQA Special Studies Timely Review of Permits Ensure Compliance Language Interpretation/Translation Services Monitoring Air Quality Maintain Wind Stations and Analyze Data Monitoring Air Quality Monitoring Air Quality Meteorological Data Services Mobile Source Related Data Licenses and Subscriptions Develop Rules Develop Rules PM and Ozone Model Consulting Develop Programs Rule 2202 Computer System Maintenance Develop Programs Rule 2202 EMovers System Maintenance Ensure Compliance Rules 1118 and 1118.1 Notifications Develop Programs Shipping Data Licenses and Subscriptions Develop Programs Shipping Special Studies Develop Programs Shipping Special Studies Develop Programs Software, Data Products, and Technical		Monitoring Air Quality	, and the second	50,000
C(alEEMod) Upgrades/Support				
Develop Programs CEQA for AQMD Projects Develop Programs CEQA Special Studies Timely Review of Permits Ensure Compliance Monitoring Air Quality Mobile Source Related Data Licenses and Subscriptions Develop Rules Develop Rules PM and Ozone Model Consulting Develop Programs Rule 2202 Emovers System Maintenance Ensure Compliance Rules 1118 and 1118.1 Notifications Develop Programs Shipping Data Licenses and Subscriptions Develop Programs Shipping Special Studies Develop Programs Shipping Special Studies Develop Programs Software, Data Products, and Technical		Develop Programs		25,000
Develop Programs CEQA Special Studies Timely Review of Permits Ensure Compliance Monitoring Air Quality Mobile Source Related Data Licenses and Subscriptions Develop Rules Develop Rules PM and Ozone Model Consulting Develop Programs Rule 2202 Computer System Maintenance Ensure Compliance Rules 1118 and 1118.1 Notifications Develop Programs Shipping Data Licenses and Subscriptions Develop Programs Shipping Special Studies Develop Programs SiP, AQMP and Rule Printing Develop Programs Software, Data Products, and Technical				125.000
Timely Review of Permits Ensure Compliance Language Interpretation/Translation 5,000 Services Monitoring Air Quality Maintain Wind Stations and Analyze Data 60,000 Monitoring Air Quality MATES V 20,000 Monitoring Air Quality Meteorological Data Services 15,000 Develop Rules Mobile Source Related Data Licenses and Subscriptions Develop Rules PM and Ozone Model Consulting 90,000 Develop Programs Rule 2202 Computer System Maintenance 15,000 Ensure Compliance Rules 1118 and 1118.1 Notifications 30,000 Develop Rules Shipping Data Licenses and Subscriptions 14,200 Develop Programs Shipping Special Studies 50,000 Develop Programs Shipping Special Studies 50,000 Develop Programs SiP, AQMP and Rule Printing 16,000 Develop Programs Software, Data Products, and Technical 150,000 Develop Programs Products Programs Products Products Programs Products Programs Products Products Programs Produ			-	
Permits Ensure Compliance Language Interpretation/Translation 5,000 Services Monitoring Air Quality Maintain Wind Stations and Analyze Data 60,000 Monitoring Air Quality MATES V 20,000 Monitoring Air Quality Meteorological Data Services 15,000 Develop Rules Mobile Source Related Data Licenses and 125,000 Subscriptions Develop Programs Rule 2202 Computer System Maintenance 15,000 Develop Programs Rule 2202 EMovers System Maintenance 15,000 Ensure Compliance Rules 1118 and 1118.1 Notifications 30,000 Develop Rules Shipping Data Licenses and Subscriptions 14,200 Develop Programs Shipping Special Studies 50,000 Develop Programs SIP, AQMP and Rule Printing 16,000 Develop Programs Software, Data Products, and Technical 150,000				
Monitoring Air Quality Maintain Wind Stations and Analyze Data 60,000 Monitoring Air Quality MATES V 20,000 Monitoring Air Quality Meteorological Data Services 15,000 Develop Rules Mobile Source Related Data Licenses and 125,000 Subscriptions 90,000 Develop Programs Rule 2202 Computer System Maintenance 15,000 Develop Programs Rule 2202 EMovers System Maintenance 15,000 Ensure Compliance Rules 1118 and 1118.1 Notifications 30,000 Develop Programs Shipping Data Licenses and Subscriptions 14,200 Develop Programs Shipping Special Studies 50,000 Develop Programs SiP, AQMP and Rule Printing 16,000 Develop Programs Software, Data Products, and Technical 150,000		T	Dispersion Modeling Support	25,000
Monitoring Air Quality Meteorological Data Services 15,000 Develop Rules Mobile Source Related Data Licenses and Subscriptions PM and Ozone Model Consulting 90,000 Develop Programs Rule 2202 Computer System Maintenance 15,000 Ensure Compliance Rules 1118 and 1118.1 Notifications 30,000 Develop Programs Shipping Data Licenses and Subscriptions 14,200 Develop Programs Shipping Special Studies 50,000 Develop Programs SIP, AQMP and Rule Printing 16,000 Develop Programs Software, Data Products, and Technical 150,000		Ensure Compliance		5,000
Monitoring Air Quality Develop Rules Mobile Source Related Data Licenses and Subscriptions Develop Rules PM and Ozone Model Consulting Develop Programs Rule 2202 Computer System Maintenance Develop Programs Rule 2202 EMovers System Maintenance Ensure Compliance Rules 1118 and 1118.1 Notifications Develop Rules Shipping Data Licenses and Subscriptions Develop Programs Shipping Special Studies Develop Programs SiP, AQMP and Rule Printing Develop Programs Software, Data Products, and Technical		Monitoring Air Quality	Maintain Wind Stations and Analyze Data	60,000
Develop Rules Develop Rules PM and Ozone Model Consulting Develop Programs Rule 2202 Computer System Maintenance Develop Programs Rule 2202 EMovers System Maintenance Ensure Compliance Rules 1118 and 1118.1 Notifications Develop Rules Develop Programs Shipping Data Licenses and Subscriptions Develop Programs Shipping Special Studies Develop Programs SiP, AQMP and Rule Printing Develop Programs Software, Data Products, and Technical		Monitoring Air Quality	MATES V	20,000
Subscriptions Develop Rules PM and Ozone Model Consulting 90,000 Develop Programs Rule 2202 Computer System Maintenance 15,000 Develop Programs Rule 2202 EMovers System Maintenance 15,000 Ensure Compliance Rules 1118 and 1118.1 Notifications 30,000 Develop Rules Shipping Data Licenses and Subscriptions 14,200 Develop Programs Shipping Special Studies 50,000 Develop Programs SIP, AQMP and Rule Printing 16,000 Develop Programs Software, Data Products, and Technical 150,000		Monitoring Air Quality	Meteorological Data Services	15,000
Develop Rules PM and Ozone Model Consulting 90,000 Develop Programs Rule 2202 Computer System Maintenance 15,000 Ensure Compliance Rules 1118 and 1118.1 Notifications 30,000 Develop Rules Shipping Data Licenses and Subscriptions 14,200 Develop Programs Shipping Special Studies Develop Programs SIP, AQMP and Rule Printing 16,000 Develop Programs Software, Data Products, and Technical		Develop Rules		125,000
Develop Programs Rule 2202 Computer System Maintenance 15,000 Develop Programs Rule 2202 EMovers System Maintenance 15,000 Ensure Compliance Rules 1118 and 1118.1 Notifications 30,000 Develop Rules Shipping Data Licenses and Subscriptions 14,200 Develop Programs Shipping Special Studies 50,000 Develop Programs SIP, AQMP and Rule Printing 16,000 Develop Programs Software, Data Products, and Technical 150,000		Develop Rules		90,000
Develop Programs Rule 2202 EMovers System Maintenance 15,000 Ensure Compliance Rules 1118 and 1118.1 Notifications 30,000 Develop Rules Shipping Data Licenses and Subscriptions 14,200 Develop Programs Shipping Special Studies 50,000 Develop Programs SIP, AQMP and Rule Printing 16,000 Develop Programs Software, Data Products, and Technical 150,000		' '		15,000
Ensure Compliance Rules 1118 and 1118.1 Notifications 30,000 Develop Rules Shipping Data Licenses and Subscriptions 14,200 Develop Programs Shipping Special Studies 50,000 Develop Programs SIP, AQMP and Rule Printing 16,000 Develop Programs Software, Data Products, and Technical 150,000				
Develop Rules Shipping Data Licenses and Subscriptions 14,200 Develop Programs Shipping Special Studies 50,000 Develop Programs SIP, AQMP and Rule Printing 16,000 Develop Programs Software, Data Products, and Technical 150,000		· · · · · · · · · · · · · · · · · · ·	·	
Develop Programs Shipping Special Studies Develop Programs SIP, AQMP and Rule Printing Develop Programs Software, Data Products, and Technical 150,000				
Develop Programs SIP, AQMP and Rule Printing 16,000 Develop Programs Software, Data Products, and Technical 150,000		· ·		
Develop Programs Software, Data Products, and Technical 150,000				
I Support for Economic Modeling			-	150,000
		Develop Rules	Strategic and Logistical Support for	35,000
		Develop Rules	Technical Assessment in of Regional	75,000
		Ensure Compliance	-	20,000
		•		\$1,020,700
Legislative & Public Policy Support After-hours Call Center Service \$3,500 Affairs & Media Office	_	Policy Support	After-hours Call Center Service	\$3,500
		Customer Service &	Clean Air Awards	12,600
Business Assistance				•
Customer Service & Community Outreach 367,005		Customer Service &	Community Outreach	367,005
Business Assistance		Business Assistance		
Policy Support Graphics & Printing 33,616		Policy Support	Graphics & Printing	33,616
Policy Support Graphics, Printing & Outreach Materials 4,000		Policy Support	Graphics, Printing & Outreach Materials	4,000
Policy Support Legislative Advocacy - Sacramento 465,000		Policy Support	Legislative Advocacy - Sacramento	465,000
Policy Support Legislative Advocacy - Washington DC 665,130		Policy Support	Legislative Advocacy - Washington DC	665,130
Policy Support Legislative Computer Services 10,000		Policy Support	Legislative Computer Services	10,000

Proposed	Fiscal Year 2022-23 Profession	al & Special Services Detail by Office (cont.	.)
Office	Program	Contract Description	Amount
Legislative, Public	Customer Service & Business	Multi-Lingual Translation - Public	\$20,000
Affairs & Media Office (cont.)	Assistance	Participation	
	Policy Support	News Release Services	9,000
	Policy Support	Photographic and Video Services	55,000
	Customer Service & Business Assistance	Promotion Marketing of Smart Phone Tools	50,000
	Policy Support	Radio/Television Monitoring	11,000
	Sub-total Legislative	, Public Affairs & Media Office	\$1,705,851
Science & Technology Advancement	Ensure Compliance	Laboratory Analytical Services	\$15,000
	Ensure Compliance	Rule 1180	250,000
	Ensure Compliance	Source Testing Services	30,000
	Advanced Clean Air	Technical Assistance, Expert	1,000,000
	Technology	Consultation, Outreach/Education – Clean Fuels	
	Advanced Clean Air Technology	Technical Assistance, Expert Consultation, Outreach/Education – CMP, AB923	300,000
	Develop Programs	Technical Assistance, Expert Consultation, Outreach/Education – Prop 1B	75,000
	Ensure Compliance	35,000	
	Sub-total Science	\$1,705,000	
Engineering & Permitting	Operational Support	Workspace Reconfiguration	\$2,500
	Sub-total En	\$2,500	
Compliance & Enforcement	Ensure Compliance	\$4,000	
	Operational Support	3,500	
	Sub-total Com	ipliance & Enforcement	\$7,500
		Total Professional & Special Services	\$9,944,850

CAPITAL OUTLAYS, BUILDING REMODELING & TRANSFERS OUT

Acct. #	Account Description	FY 2021-22 Adopted Budget	FY 2021-22 Amended Budget	FY 2021-22 Estimate	FY 2022-23 Proposed Budget	Increase/ (Decrease) ^(a)
77000	CAPITAL OUTLAYS	\$1,850,000	\$3,639,554	\$3,639,554	\$2,051,000	\$201,000

This account is for tangible asset expenditures with a value of at least \$5,000 and a useful life of at least three years and intangible asset expenditures with a value of at least \$5,000 and a useful life of at least one year. The FY 2022-23 Proposed Budget reflects projects that are either offset by revenue or critical for operational support. Depending on funding availability, budget will be requested mid-year for additional projects. The FY 2022-23 Proposed Budget does not include amounts for federally funded grant programs. An expenditure appropriation will occur mid-year when the grants are awarded.

A listing by office of the proposed Capital Outlays for FY 2022-23 is provided at the end of this section.

Acct.#	Account Description	FY 2021-22 Adopted Budget	FY 2021-22 Amended Budget	FY 2021-22 Estimate	FY 2022-23 Proposed Budget	Increase/ (Decrease) ^(a)
79050	BUILDING REMODELING	\$0	\$0	\$0	\$0	\$0

This account is used for minor remodeling projects which become necessary as a result of reorganizations or for safety reasons. No projects are anticipated in FY 2022-23.

Acct. #	Account Description TRANSFERS OUT	Budget \$841,353	Budget \$841,353	Estimate \$841,353	Budget \$2,841,353	(Decrease) ^(a)
		FY 2021-22 Adopted	FY 2021-22 Amended	FY 2021-22	FY 2022-23 Proposed	Increase/

The FY 2022-23 Proposed Budget includes transfers to the Debt Service Fund and Health Effects Research Fund.

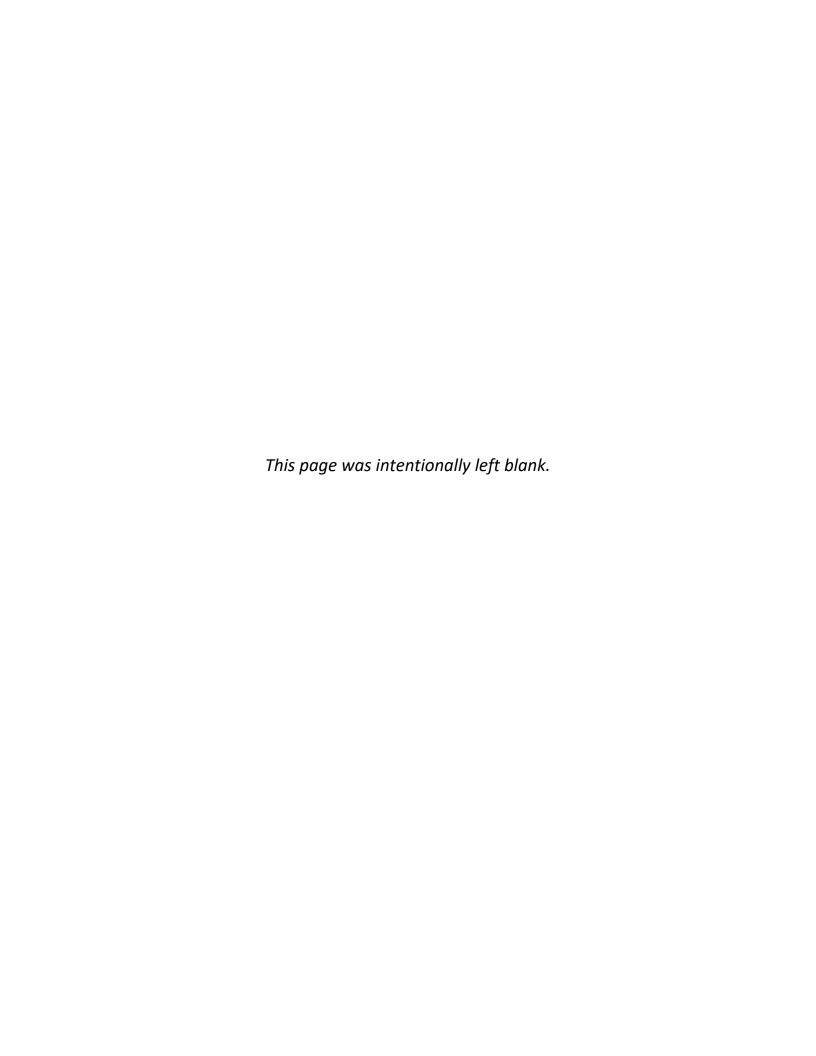
⁽a) FY 2022-23 Proposed Budget vs. FY 2021-22 Adopted Budget.

⁽a)FY 2022-23 Proposed Budget vs. FY 2021-22 Adopted Budget.

⁽a) FY 2022-23 Proposed Budget vs. FY 2021-22 Adopted Budget.

CAPITAL OUTLAYS, BUILDING REMODELING & TRANSFERS OUT

	Fisc	cal Year 2022-2	3 Capital Outlays Detail					
Office	Program	Category	Description	Amount				
Administrative & Human Resources	Operational Support	Replacement	Cafeteria freezer replacement	\$12,000				
	Operational Support	New	Golf cart for rover security guard	11,000				
		Sub-total Admir	nistrative & Human Resources	\$23,000				
District General	Operational Support	N/A	<u>Unbudgeted Capital Outlay</u> - This amount is set aside for unanticipated needs or emergency situations to avoid interruption of operations.	\$350,000				
	Operational Support	Upgrade	Cafeteria exhaust equipment upgrade/replacement	445,000				
	Operational Support	Replacement	Fleet vehicle replacement	545,000				
	Sub-total District General							
Information Management	Operational Support	Upgrade	Misc. telecommunication upgrade/enhancement	\$85,000				
	Operational Support	Upgrade	Mobile app enhancements	90,000				
	Sub-total Information Management							
Science & Technology Advancement	Monitoring Air Quality	New	Air monitoring trailer replacement for Glendora and Perris AMS	\$210,000				
	Monitoring Air Quality	Replacement	Replacement instruments for gaseous and particulate measurements	173,000				
	Monitoring Air Quality	New	Cryogenic preconcentrator with autosampler	90,000				
	Monitoring Air Quality	<u> </u>						
	Sub-total Science & Technology Advancement							
			Total Capital Outlays	\$2,051,000				



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT PROPOSED GOALS AND PRIORITY OBJECTIVES FOR FY 2022-2023

MISSION STATEMENT

"To clean the air and protect the health of all residents in the South Coast Air District through practical and innovative strategies."

GOALS AND PRIORITY OBJECTIVES

The following Goals and Priority Objectives have been identified as being critical to meeting South Coast AQMD's Mission in Fiscal Year 2022-23.

GOAL I. Achieve Clean Air Standards.

	Priority Objective	Performance Indicator	Performance Measurement
1	Development and Implementation of Air Quality Management Plans	Adherence to development, adoption and implementation schedules for rules related to Air Quality Management Plans.	Complete six rule adoptions and/or actions that result in achievements towards 2016 AQMP emissions reductions. Hold at least four AQMP advisory group meetings for 2022 AQMP development. Issue final 2022 AQMP by the end of 2022.
2	Secure Incentive Funding for Emissions Reduction	Increase funding for pollution reduction projects.	Secure increased funding of \$250 million.
3	Implementation of AB 617 in Designated Communities	Implement plans for each of the six communities designated in 2018, 2019, and 2020.	Implementation of air monitoring and emissions reduction plans for the six communities designated in 2018, 2019, and 2020.
4	Ensure Efficient Air Monitoring and Laboratory Operations	Achieve acceptable completion of valid data points out of the scheduled measurements in the South Coast AQMD air monitoring network for NAAQS pollutant before U.S. EPA deadline.	Achieve acceptable valid data completion submitted to U.S. EPA before deadline.
5	Ensure Timely Inspections of Facilities	Total number of Title V Inspections completed annually.	Complete 100% Title V Inspections.
6	Maintain progress in reducing the permit applications inventory	Number of pending permit applications.	Maintain pending permit applications inventory excluding Permits to Construct issued and RECLAIM transition applications at or near 3,000.
7	Support Development of Cleaner Advanced Technology	Amount of Clean Fuels Program projects funded.	Fund \$10 Million of Clean Fuels program projects with a 1:4 leveraging ratio.
8	Incentive Programs	% of grant money executed in contracts.	50% of grant money contracted within six months after receipt of funds.

GOAL II. Enhance Public Education and Equitable Treatment for All Communities.

	Priority Objective	Performance Indicator	Performance Measurement
1	Evaluation of Low Cost Air Quality Sensors	Evaluation and posting of results of low cost air quality sensors that have reached the market.	Evaluate and post results of 75% of sensors that have reached the market.
2	Outreach	Number of large community outreach events conducted in each County and effective information distribution for South Coast AQMD programs that achieve clean air.	Conduct/participate in one large community outreach event per quarter, including one in each County, starting six months after it is safe to have large gatherings. Develop and implement SOPs to provide information to the public as quickly and accurately as possible.
3	Timely Investigation of Community Complaints	Initiate complaint investigation within two hours of complaint receipt.	During normal South Coast AQMD business hours, contact 90% of complainants within two hours of complaint receipt. Post widespread complaints on social media.
4	Social Media Efforts	Percentage increase in number of social media followers as well as increase audience engagement through impressions (views) of shared information via outreach on South Coast AQMD events, programs and major incidents. Contract with an outside consultant to form an internal committee to develop social media recommendations for Board approval.	15% to 20% increase in social media followers. Continue efforts to increase impressions and engagement on posts and/or campaigns with a monthly average goal of 2,400 Instagram impressions /8,000 Facebook impressions/48,000 Twitter impressions on posts. Present recommendations to the Board.
5	School Educational Outreach	Number of classrooms participating in the air quality education program in environmental justice communities. Develop materials for other grade levels.	Provide curriculums to 300 high schools, 100 middle schools, and 20 elementary schools throughout the four Counties in environmental justice communities and teach at schools as requested when schools are back in session. Develop air quality teaching materials for schools. Develop curriculum that can be used by any school.

GOAL III. Operate Efficiently and Transparently.

	Priority Objective	Performance Indicator	Performance Measurement
1	Ensure Transparent Governance	Percentage of Committee and Board meeting agendas with materials made available to the public one week prior to the meeting.	100% of Committee and Board meeting agendas with materials made available to the public one week prior to the meeting.
2	Ensure Transparent Governance	Percentage of Stakeholder and Working Group meeting agendas with materials made available prior to the meeting.	100% of Stakeholder and Working Group meeting agendas with materials made available to the public three days prior to the meeting. Address the ability to know meeting participants.
3	Maintain a Well Informed Staff	Number of staff information sessions offered and conducted.	Conduct 12 equity related events for all staff.
4	Partner with Public Agencies, Stakeholder Groups, & Business Community	Number of meetings with Permit Streamlining Task Force subcommittee and stakeholders.	Conduct 2 meetings of the Permit Streamlining Task Force subcommittee and stakeholders.
5	Timely Financial Monitoring	Timely budgetary financial reporting.	Submit quarterly budgetary financial reports to the Governing Board within six working days of the end of the quarter for quarters 1-3. Submit the 4 th quarter report within six working days of the end of July.
6	Employee Resource Groups	Support Employee Resource Groups.	Attend 100% Employee Resource Group meetings and assist the Employee Resource Groups to develop goals and objectives that are in alignment with agency mission.
7	Training and Development	Develop job related equity professional development and training that increases staff's awareness and cultural competency.	Conduct one training/activity per quarter.

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. Suggest strategies to overcome any barriers and, when appropriate, implement those strategies.

- (A) Identify short-term and long-term technical barriers to the use of low-emission clean fuels and transportation technologies.
- (B) Promote development and assess the use of clean fuels and low-emitting technologies.
- (C) Work with industry to promote research and development in promising low-emission technologies and clean fuels.
- (D) Provide technical and program support to the Mobile Source Air Pollution Reduction Review Committee (MSRC).
- (E) Conduct source tests and analyses of samples to assess effectiveness of low-emissions technology.
- (F) Implement and administer state-funded programs such as the Carl Moyer program for retrofitting, re-powering, or replacing diesel engines with newer and cleaner engines and the Proposition 1B program that provides funding for projects to reduce air pollution associated with freight movement along California's trade corridors.

ENSURE COMPLIANCE WITH CLEAN AIR RULES

Ensure compliance with South Coast AQMD rules for existing major and small stationary sources.

- (A) Verify compliance with South Coast AQMD rules through inspections, sample collections, Visible Emissions Evaluations, certification of Continuous Emission Monitoring Systems (CEMS), and emissions audits.
- (B) Issue Notices of Violation for major violations when discovered or a Notices to Comply for minor violations or to request records.
- (C) Respond to and resolve public complaints concerning air pollution.
- (D) Participate in Hearing Board cases, investigate breakdowns and notifications of demolitions or renovations of structures which may contain asbestos, conduct periodic monitoring, and observe source tests.
- (E) Respond to industrial and chemical emergencies when requested by other agencies.
- (F) Provide training classes for compliance with various South Coast AQMD rules such as Gasoline Transfer and Dispensing (Rule 461), Asbestos Demolition and Renovation (Rule 1403), Chrome Plating Operations (Rule 1469), Fugitive Dust Plans (Rule 403 & 403.1), Sump and Wastewater Separators (Rule 1176) and Combustion Gas Portable Analyzer Training & Certification (Rules 1146, 1146.1 & 1110.2).

CUSTOMER SERVICE AND BUSINESS ASSISTANCE

Support local government, businesses, and the general public.

- (A) Provide local government, business and the public with access and input into the regulatory and policy processes of South Coast AQMD.
- (B) Assist cities and others with AB 2766 projects.
- (C) Interact with local, state and federal agencies as well as others to share air quality information, resolve jurisdictional questions, and implement joint programs.
- (D) Support air pollution reduction through implementation of comprehensive public information and legislative and customer service programs.
- (E) Provide small business assistance services and support economic development and business retention activities.
- (F) Make presentations to and meet with regulated organizations, individuals, public agencies and the media.
- (G) Notify all interested parties of upcoming changes to air quality rules and regulations through public meetings, workshops, and printed and electronic information.
- (H) Resolve permit-related and fee-related problems and provide technical assistance to industry.
- (I) Respond to Public Records Act requests.
- (J) Produce brochures, newsletters, television, radio and print media information and materials, and digital information.
- (K) Respond to letters and Internet inquiries from the public and to media inquiries and requests.

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.

- (A) Analyze air quality data and provide an estimation of pollutant emissions by source category.
- (B) Develop pollutant control strategies and project future air quality using computer models and statistical analysis of alternative control scenarios.
- (C) Analyze issues pertaining to air toxics, acid deposition, and potential socioeconomic and environmental impacts (CEQA) of South Coast AQMD plans and regulations.
- (D) Conduct outreach activities to solicit public input on proposed control measures.
- (E) Implement Rule 2202 On-Road Motor Vehicle Mitigation Options and process employee commute reduction program submittals and registrations. Provide one-on-one assistance to employers to ensure compliance with the rule.

DEVELOP PROGRAMS TO ACHIEVE CLEAN AIR (Cont.)

(F) Develop and update emissions inventories; conduct in-house auditing of annual emission reports; conduct field audits.

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.

- (A) Provide an assessment of control technologies, evaluation of control cost, source testing and analysis of samples to determine emissions.
- (B) Test and analyze products and processes to demonstrate pollution reduction potential.
- (C) Solicit public input through meetings and workshops.
- (D) Prepare rules to provide flexibility to industry, ensure an effective permit program and increase rule effectiveness.
- (E) Evaluate effectiveness of area source rules, evaluate area source emission inventories, and propose new rules or amendments to improve implementation of area source programs, including the certification/registration of equipment, and as necessary pursuant to statewide regulatory requirements.
- (F) Implement the AQMP. Develop feasibility studies and control measures.
- (G) Conduct research and analyze health effects of air pollutants and assess the health implications of pollutant reduction strategies.

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.

- (A) Analyze, summarize, and report air quality information generated from the monitoring sites.
- (B) Provide continuous records for assessment of progress toward meeting federal and state air quality standards.
- (C) Develop and prepare meteorological forecasts and models.
- (D) Respond to emergency requests by providing technical assistance to first response public safety agencies.

MONITORING AIR QUALITY (Cont.)

- (E) Notify the public, media, schools, regulated industries and others whenever predicted or observed levels exceed the episode levels established under state law.
- (F) Conduct special studies such as MATES V, National Air Toxics Trends (NATTS), and Photochemical Assessment Monitoring Stations (PAMS).
- (G) Conduct measurement activities to identify and monitor potential sources of all toxics including high-risk facilities under the Community Air Toxics Initiative (CATI).
- (H) Evaluate and deploy low-cost sensors to monitor air pollution within communities of the South Coast Air Basin.
- (I) Assess the ability of optical remote sensing technology to characterize and quantify emissions from refineries and other sources, and to serve as a useful tool for enhancing existing leak detection and repair programs.

OPERATIONAL SUPPORT

Provide operational support to facilitate overall air quality improvement programs.

- (A) Provide services that enable South Coast AQMD offices to function properly. Services include facility administration, human resources and financial services.
- (B) Provide information management services in support of all South Coast AQMD operations, including automation of permitting and compliance records, systems analysis and design, computer programming and operations, records management, and library services.
- (C) Provide legal support and representation on all policy and regulatory issues and all associated legal actions.

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.

- (A) Process applications for Permits to Construct and/or to Operate for new construction, modification and change of conditions for major and non-major sources.
- (B) Process Title V permits (Initial, Renewal, and Revisions) and facility permits for RECLAIM sources.
- (C) Process applications for Administrative Changes, Change of Operator, Plans, Emission Reductions Credits (ERCs) and RECLAIM Trading Credits (RTCs).

TIMELY REVIEW OF PERMITS (Cont.)

- (D) Continue efforts to streamline and expedite permit issuance through:
 - (1) Equipment certification/registration programs
 - (2) Streamlined standard permits
 - (3) Enhancement of permitting systems (including electronic permitting)
 - (4) Expedited Permit Processing Program
 - (5) Maintaining adequate staff resources
 - (6) Improved training
 - (7) Revisiting policies and rules

POLICY SUPPORT

Monitor, analyze and attempt to influence the outcome of state and federal legislation.

- (A) Track changes to the state and federal budgets that may affect South Coast AQMD.
- (B) Respond to Congressional and Senatorial inquiries regarding South Coast AQMD programs, policies or initiatives.
- (C) Assist South Coast AQMD consultants in identifying potential funding sources and securing funding for South Coast AQMD programs.
- (D) Provide support staff to the Governing Board, Board committees, and various advisory and other groups including but not limited to: the Air Quality Management Plan Advisory Group, the Environmental Justice Advisory Group, the Home Rule Advisory Group, the Local Government and Small Business Assistance Advisory Group, the Mobile Source Air Pollution Reduction Review Committee (MSRC) and MSRC Technical Advisory Committee, the Scientific, Technical and Modeling Peer Review Advisory Group, the Technology Advancement Advisory Group, various Rule working groups, as well as ad hoc committees established from time to time.

REVENUE CATEGORIES

I. Allocatable

A portion of South Coast AQMD revenue offsets operational support costs of the South Coast AQMD.

- 1a Allocatable South Coast AQMD: District-wide administrative and support services (e.g., Human Resources, Payroll, Information Management).
- 1b Allocatable Office: Administrative activities specific to a division/office.
- II. Annual Operating Emissions Fees
- III. Permit Processing Fees
- IV. Annual Operating Permit Renewal Fees
- V. Federal Grants/Other Federal Revenue
- VI. Source Test/Sample Analysis Fees
- VII. Hearing Board Fees
- VIII. Clean Fuels Fees
- IX. Mobile Sources
- X. Air Toxics AB 2588
- **XI.** Transportation Programs
- XII XIV. These revenue categories are no longer used.
 - XV. California Air Resources Board Subvention/State Grants
 - XVI. This revenue category is no longer used.
 - XVII. Other Revenue
 - XVIII. Area Sources
 - XIX. Portable Equipment Registration Program (PERP)
 - XX. State Grant

For a description of the revenue categories listed above, please refer to the corresponding revenue account in the <u>FUND BALANCE & REVENUES</u> section, "Explanation of Revenue Sources" within this document.

WORK PROGRAM OVERVIEW

The Work Program is a management tool that allocates resources by Office, Program Category, and project. It is developed from Program Output Justification forms prepared during the budget process by each Office. Work Programs for each Office can be found in the OFFICE BUDGETS section of this document. Work Programs by Program Category are within the following pages. A glossary of terms and acronyms used in the Work Programs are at the end of this section.

Professional & Special Services, Temporary Agency Services, and Capital Outlays expenditures are assigned to specific Work Program Codes associated with the project the expenditures support. All other expenditures (Salaries and Benefits and most Services and Supplies line items) are distributed within an Office based on Full-Time Equivalents (FTEs). A prorated share of the District General Budget has been allocated to each line in the work program based on the number of FTEs reflected on the line.

The following is a brief description of each column in the Work Program:

The # column identifies each line in the Work Program in numerical order.

The **Program Code** is a five-digit code assigned to each program. The first two digits represent the Office. The last three digits are the Program.

The **Goal** column identifies which of the three Program Goals (defined in the Goals and Priority Objectives) applies to that output. The Goals are:

GOAL I Achieve Clean Air Standards.

GOAL II Enhance Public Education and Equitable Treatment for All Communities.

GOAL III Operate Efficiently and Transparently.

The **Office** column, which appears on the Work Program by Category document, identifies the Office responsible for performing the work.

The **Program Category** column, which appears on the Work Program by Office document, identifies one of the nine Program Categories associated with an activity.

The **Program** column identifies the Program associated with the work.

The **Activities** column provides a brief description of the work.

The **FTEs** column identifies the number of Full Time Equivalent staff positions in the current-year adopted budget, mid-year and proposed changes (+/-), and the proposed budget for the next fiscal year. An FTE position represents one person-year.

The **Expenditures** column, found in the Work Program by Category document, identifies the expenditures in the current-year adopted budget, proposed changes (+/-) and the proposed budget for the next fiscal year.

The **Revenue Category** column identifies the revenue that supports the work. Revenue Category titles can be found within this section and revenue descriptions are in the <u>FUND BALANCE & REVENUES</u> section, "Explanation of Revenue Sources" within this document.

					Advance Clean Air Technology Work Program by Category	nology						
ا ق	Program				0	FIES	Г	FTEs	Expenditures		Expenditures	Revenue
#	Code	Goal	Office	Program	Activities	FY 2021-22	-/-	FY 2022-23	FY 2021-22	-/+	FY 2022-23	Categories
1 08		_	LEG	AB2766/Mob Src/Legal Advice	AB2766 Leg Adv: Trans/Mob Source	0.05	0.00	0.02	\$ 10,815	\$ 443	\$ 11,258	X
2 04	003	=	FIN	AB2766/MSRC	MSRC Program Administration	0.35	0.00	0.35	51,769	1,082	52,851	XI
3 08	003	-	LEG	AB2766/MSRC	Legal Advice: MSRC Prog Admin	0.10	0.00	0.10	21,630	988	22,515	×
4 44	003	-	STA	AB2766/MSRC	Mob Src Review Comm Prog Admin	0.50	0.00	0.50	87,027	4,121	91,148	×
5 44	004	-	STA	Advisory Group/Small Business	AB2766 Admin Discretionary Prog	3.00	0.00	3.00	522,160	24,728	546,888	X
6 44	012	-	STA	AQMP/Control Tech Assessment	Tech Supp: Quantify Cost Effec	0.85	-0.20	0.65	147,945	(29,453)	118,492	VIII
7 04	030	-	FIN	AB134	AB134	2.00	0.00	2.00	295,823	6,181	302,004	XI
8 08	030	-	LEG	AB134	AB134	1.25	0.00	1.25	270,370	11,073	281,443	XI
9 44	080	-	STA	AB134	AB134	4.00	-4.00	0.00	696,213	(696,213)	-	XI
10 60	030	-	CE	AB134	AB134	0.25	0.02	0:30	39,524	10,803	50,327	XI
11 44	039	-	STA	Admin/Office Mgt/Tech Adv	Admin Support/Coordination	0.77	0.00	0.77	134,021	6,347	140,368	VIII
12 44	048	-	STA	Admin/Prog Mgmt/Tech Advance	Overall TA Program Mgmt/Coord	1.55	0.00	1.55	269,782	12,776	282,559	NIII
13 44	980	_	STA	Airshed FC Bus	Airshed FC Bus	0.25	0.00	0.25	43,513	2,061	45,574	>
14 44	280	-	STA	Airshed OGV	Airshed OGV	0.25	0.00	0.25	43,513	2,061	45,574	^
15 44	880	-	STA	ALISO CANYON SEP	ALISO CYN AIR FILTRATION SEP	0.25	0.00	0.25	43,513	2,061	45,574	II/X
16 44	094	_	STA	Capture and Control	Capture and Control Program	00:00	0.20	0.20	'	36,459	36,459	XV,XVII
17 44	960	-	STA	CA Natural Gas Veh Partnership	CA Natural Gas Veh Partnership	0.05	0.00	0.05	8,703	412	9,115	IIIA
18 44	960	_	STA	CAPP Year 2-SB 856	CAPP Year 2-SB 856	7.75	1.00	8.75	1,343,066	252,024	1,595,090	×
19 44	260	_	STA	CAPP Year 3-AB 74	CAPP Year 3-AB 74	3.00	3.00	00.9	522,160	571,616	1,093,776	×
20 44	121	-	STA	China Cln Shipping	China Partnership Cleaner Shpng	0.40	0.00	0.40	69,621	3,297	72,918	X
21 04	130	=	FIN	Clean Fuels/Contract Admin	Clean Fuels Contract Admin/Monitor	0.15	0.00	0.15	22,187	464	22,650	VIII
22 44	130	-	STA	Clean Fuels/Contract Admin	Admin/Project Supp for TA Cont	3.00	0.00	3.00	522,160	24,728	546,888	IIIN
23 08	131	-	LEG	Clean Fuels/Legal Advice	Legal Advice: Clean Fuels	0.15	0.00	0.15	32,444	1,329	33,773	IIIN
24 44	132	-	STA	Clean Fuels/Mobile Sources	Dev/Impl Mobile Src Proj/Demo	00.9	0.00	6.00	2,394,374	(300,598)	2,093,776	VIII
25 44	134	-	STA	Clean Fuels/Stationary Combust	Dev/Demo Clean Combustion Tech	0.20	-0.10	0.10	34,811	(16,581)	18,230	VIII
26 44	135	-	STA	Clean Fuels/Stationary Energy	Dev/Demo Alt Clean Energy	0.55	-0.54	0.01	95,729	(93,906)	1,823	VIII
27 44	136	_	STA	Clean Fuels/Tech Transfer	Disseminate Low Emiss CF Tech	1.00	-0.31	0.69	174,053	(48,269)	125,784	VIII
28 44	191	-	STA	DERA FY16 Locomotive	DERA_FY16_LOCOM	0.05	0.00	0.02	8,703	412	9,115	>
29 44	194	-	STA	DERA FY18 Dray Trck	DERA FY18 Dray Trck	0.10	0.00	0.10	17,405	824	18,230	II/X
	196	-	STA	DERA FY20 TRU	DERA FY20 TRU Electrification	0.45	0.00	0.45	78,324	3,709	82,033	>
31 44	203	-	STA	EFMP Program Support	EFMP Program Support	2.00	0.00	5.00	870,266	41,214	911,480	XVII
32 44	258	-	STA	FARMER Grant	Fund Ag Replacement Measures	1.50	-1.50	0.00	261,080	(261,080)	1	XVII
33 44	259	-	STA	FARMER YEAR 2	Fund Ag Replacement Year 2	00:00	0.50	0.50	•	91,148	91,148	II/X
34 44	261	-	STA	FARMER YEAR 3	Fund Ag Replacement Year 3	0.00	1.00	1.00	•	182,296	182,296	II/X
	272	-	STA	FY19 TAG Volvo	FY 19 TAG Volvo Switch-On	0.25	0.00	0.25	43,513	2,061	45,574	II/X
36 44	356	-	STA	GGRF ZEDT Demo	GGRF ZEDT Demo Admin	0.40	-0.40	0.00	69,621	(69,621)	'	II/X
37 44	369	-	STA	In Use Em Testing	In Use Em Testing	0:30	-0.30	0.00	52,216	(52,216)	'	II/X
38 44	453	-	STA	Mob Src: Emiss Inven Method	Rvw CARB/US EPA emissions inven methodology	00:00	00:00	0.00	'	'	'	II/X
39 04	457	≡	FIN	Mobile Source/Moyer Adm	Carl Moyer: Contract/Fin Admin	1.02	0.00	1.02	150,870	3,153	154,022	XI
40 08	457	-	LEG	Mob Src/C Moyer/Leg Advice	Moyer/Implem/Program Dev	0.10	0.00	0.10	21,630	988	22,515	×
41 16	457	-	AHR	MS/Carl Moyer Admin	C Moyer/Contractor Compliance	0.03	0.02	0.05	4,913	3,762	8,674	×
42 44	457	-	STA	Mob Src/C Moyer Adm/Outreach	Carl Moyer: Impl/Admin Grant	7.90	2.00	12.90	1,675,020	976,598	2,651,618	XVII
43 44	459	-	STA	Mob Src/C Moyer/Impl/Prg Dev	Moyer/Implem/Program Dev	4.25	0.00	4.25	759,522	15,236	774,758	XVII
44 44	460	_	STA	VIP Admin	VIP Admin/Outreach/Impl	0.50	0.00	0.50	87,027	4,121	91,148	XVII
45 44	489	_	STA	One Stop Shop Proj	One Stop Shop Pilot Proj	0.10	0.00	0.10	17,405	824	18,230	×
46 44	533	_	STA	POLB AMECS Demo	POLB AMECS Demo-Admin/Impl	0.10	00:00	0.10	17,405	824	18,230	XVII

	Revenue	Categories	×	×	ΧI	ΧI	II/X	II/X	II/X//	NIII	NIII	IIIA	II/X	II/X	II/X	II/X
	Expenditures	FY 2022-23	75,501	5,205	7,550	401,051	45,574	45,574	91,148	45,574	36,459	18,230	501,314	182,296	182,296	72,918
	<u> </u>	-	1,545 \$	292	155	18,134	2,061	(24,047)	4,121	2,061	1,649	824	31,970	8,243	8,243	3,297
	Expenditures	FY 2021-22	\$ 9366 \$	4,913	7,396	382,917	43,513	69,621	87,027	43,513	34,811	17,405	469,344	174,053	174,053	69,621
	FTEs	FY 2022-23	\$ 05.0	0.03	0.05	2.20	0.25	0.25	0.50	0.25	0.20	0.10	2.75	1.00	1.00	0.40
		- /	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00:00
y (Cont.) ory	FTEs	FY 2021-22	0:20	0.03	0.02	2.20	0.25	0.40	0.50	0.25	0.20	0.10	2.75	1.00	1.00	0.40
Advance Clean Air Technology (Cont.) Work Program by Category		Activities	Contracts/Finance Admin	Prop 1B: Goods Movement	Grants/Finance Admin	School Bus Program Oversight	Targeted Air Shed Volvo Admin	Targeted Air Shed DaimIr Admin	Targeted Air Shed Admin/Impl	Assess CFs/Adv Tech Potential	Dev/Demo Non-Combustion Tech	Transport Research/Adv Systems	VW-General Admin	VW-ZE Trucks-South Coast	VW-Combustion-South Coast	ZANZEFF Volvo
		Program	Prop 1B:Goods Movement	Prop 1B:Goods Movement	Prop 1B:Low Emiss Sch Bus	School Bus/Lower Emission Prog	Air Shed Volvo	Air Shed Daimler	Target Air Shed EPA	Tech Adv/Commercialization	Tech Adv/Non-Combustion	Transportation Research	VW-General Admin	VW-ZE Trucks-South Coast	VW-Combustion-South Coast	ZANZEFF Volvo
		Office	FIN	AHR	FIN	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA
		Goal	_	-	-	-	-	-	-	-	-	-	-	-	-	-
	Program	Code	47 04 542	542	544	229	734	737	738	740	741	816	827	840	841	856
	Prc		, 04	3 16	04	44	44	44	44	44	44	5 44	44	3 44	44	60 44 856
		#	4	48	49	20	51	52	53	54	55	26	22	28	29	9

69.35	
Total Advance Clean Air Technology	

14,476,619

72.62 \$ 13,683,988 \$ 792,630 \$

Boxog	Categories	×	×	qı	qı	qı	qı	qı	II,IX	II,III,IV	=	II,IX,XV	N'II	II,III,IV,XV	II,III,IV,XV	II,III,IV	IV,V,XV	la,XV	II,IX	Ξ	la,III	la	II,IV	II,V,IX,XV	X	la	2	Ξ	la	II,V,IX	la	la	la	la	la	la	<u>a</u>
Evnoudituros	FY 2022-23	\$ 25,100	1,286,113	560,593	838,784	922,326	563,093	506,771	183,730	1,226,517	18,686	45,933	734,922	15,100	91,865	84,089	151,002	27,560	1,967,169	186,864	284,004	268,887	183,730	734,466	16,776	45,933	55,119	186,864	763,342	273,730	2,772	3,020	337,732	5,205	4,662	161,717	997,117
Г	-/+	10,309	356,628	31,850	(68,533)	(10,876)	31,850	28,983	(2,167)	23,726	1,062	(542)	177,231	309	(1,083)	4,777	3,091	(325)	(22,749)	10,617	6,790	(59,322)	(2,167)	(4,333)	996	(542)	(650)	10,617	(55,417)	(2,167)	(612)	62	13,288	292	(99)	18,206	25.802
Exponditures	FY 2021-22	\$ 14,791	929,485	528,743	907,318	933,203	531,243	477,788	185,897	1,202,791	17,625	46,474	557,691	14,791	92,948	79,312	147,911	27,885	1,989,918	176,248	277,214	328,209	185,897	738,799	15,810	46,474	55,769	176,248	818,759	275,897	3,384	2,958	324,444	4,913	4,729	143,511	971.315
1	FY 2022-23	0.10	7.00	3.00	5.00	5.02	3.00	3.00	1.00	8.00	0.10	0.25	4.00	0.10	0.50	0.45	1.00	0.15	10.50	1.00	1.25	0.97	1.00	2.00	0.10	0.25	0.30	1.00	4.40	1.00	0.01	0.02	1.50	0.03	0.03	0.85	4.75
	-/-	00:00	1.00	0.00	0.00	-1.00	0.00	0.00	00.00	00.00	00.00	00:00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00	0.00	00:00	0.00	0.00	-0.60	0.00	0.00	00:00	0.00	00:00	00:00	0.00	00.0
TES TES	FY 2021-22	0.10	00.9	3.00	2.00	6.02	3.00	3.00	1.00	8.00	0.10	0.25	3.00	0.10	0.50	0.45	1.00	0.15	10.50	1.00	1.25	0.97	1.00	2.00	0.10	0.25	0.30	1.00	5.00	1.00	0.01	0.02	1.50	0.03	0.02	0.79	4.75
WONT OF AN ONE OF A CALEGO	Activities	Prog Admin: Monitor/Dist/Audit	AB617-Program Development	Dev/Coord Goals/Policies/Overs	Dev/Coord Goals/Policies/Overs	Admin Office/Units/SuppCoord Staff	Budget/Contracts/Reports/Projects	Budget/Contracts/Reports/Projects	Coord of region-wide community group	Answer/Resp/Resolv Prob & Inq	Perm Proc/Public Participation	Curriculum Dev/Project Coord	Impl Board's EJ Pgrms/Policies	Cmte Mtg/Fee-Related Complaint	Cmte Mtg/Fee-Related Complaint	Fee Review Committee	Grant Anlyz/Eval/Negot/Acc/Rpt	Interact Gov Agns/Promote SCAQMD	Dev/Impl Local Govt Outreach	Supp Perm Proc/Customer Svc	Dev sys in supp of Dist-wide	Publ Awareness Clean Air Prog	Chambers/Business Meetings	Pub Events/Conf/Rideshare Fair	Pub Events/Conf/Rideshare Fair	Tours/Briefings-Dignitary	Assist w Permit Reinstatement	Pre-App Mtgs/Genl Prescreening	Printing/Collating/Binding	Inform public of unhealthy air	Comply w/ Public Req for Info	Comply w/ Public Rec Requests	Comply w/ Public Rea for Info				
L	e Program	AB2766/Mobile Source	AB617-Prog Develop	Admin/Office Management	Admin/Office Budget	Admin/Prog Mgmt	Admin/Operations Support	Admin/Operations Support		Billing Services	Economic Dev/Bus Retention	Environmental Education	Environmental Justice	Fee Review	Fee Review	Fee Review	Grants Management	Interagency Liaison	Intergov/Geographic Deployment	Lobby Permit Services	New System Development	Outreach	Outreach/Business	Public Education/Public Events	Outreach/Business	Outreach/Visiting Dignitary	Permit: Expired Permit Program	Perm Proc/Pre-Appl Mtg Outreac	Print Shop		Public Records Act						
L	Office	FIN	LPA	EP	CE	LPA	EP	CE	LPA	FIN	EP	LPA	LPA	ΕĪ	LPA	EP	FIN	LPA	LPA	EP	Σ	EO	LPA	LPA	CE	LPA	LPA	E	AHR	LPA	EO	FIN	LEG	AHR	CB	PRA	Σ
	Goal	=	-	-	=	=	_	_	=	_	_	=	-	=	=	=	=	=	1 1	_	=	=		=	=	=	-	-	=	=	III	<u> </u>	=	=	=	=	=
	_		തി	8	038	046	047	047	126	170	200	205	240	260	260	260	355	381	390	425	481	490	491	492	492	496	514	520	540	555	565	565	565	565	565	565	565
Drogram	Code	04 002	35 019	50 038	0 09	35 0	20 (09		04	10 50	35	\Box	04	35	15 50	16 04	35	18 35	20	27	03	32	35	9	35	35	20	16	32	30 03	04	80	16	17	26	36 27

A prorated share of the District General Budget has been allocated to each line in the work program based on the number of FTEs reflected on the line.

	a)	Si							>	>						
	Revenue	Categories	la	la	la	III,IV,XI		111'11	VX,V,VI,III	VX,V,VI,III	IN	la	IV,XVII	II/X	×	×
	Expenditures	FY 2022-23	\$ 113,024	46,716	50,327	45,301	183,730	11,258	523,220	167,757	9,115	18,373	137,055	105,128	1,837	409,049
			5,111 \$	2,654	2,898	927	(2,167)	443	29,726	136,138	412	(217)	22,428	3,798	(22)	18,480
		-/+	\$ 2				(2)		29	13(22	,		18
	Expenditures	FY 2021-22	\$ 107,913	44,062	47,429	44,373	185,897	10,815	493,494	31,619	8,703	18,590	114,626	101,330	1,859	390,569
	FTEs	FY 2022-23	0.62	0.25	0:30	0:30	1.00	0.05	2.80	1.00	0.05	0.10	0.79	0.50	0.01	2.15
ont.)		-/+	00.00	0.00	00.00	00.00	0.00	0.00	00.00	08.0	0.00	0.00	60.0	00.00	00.00	00.00
sistance (C gory	FTEs	FY 2021-22	0.62	0.25	08'0	08.0	1.00	0.05	2.80	0.20	0.05	0.10	02'0	05'0	0.01	2.15
Customer Service and Business Assistance (Cont.) Work Program by Category		Activities	Comply w/ Public Req for Info	Comply w/ Public Req for Info	Comply w/ Public Req for Info	Research/Doc/Prep/Proc Refunds	Small Business/Financial Assistance	Legal Advice: SB/Fee Review	Prov Tech Asst To Industries	Prov Tech Asst To Industries	Conduct ST/Prov Data/Cust Svc	Coordinate/conduct speeches	Rule & Gov Board Materials	AB2588 Mailing/Venue	Outreach/AB 2588 Air Toxics	Rule 2202 ETC Training
		Program	Public Records Act	Public Records Act	Public Records Act	Cash Mgmt/Refunds	Small Business Assistance	Small Business/Legal Advice	Source Education	Source Education	Source Testing/Customer Svc	Speakers Bureau	Subscription Services	AB2588 Mailing/Venue	Toxics/AB2588	Rule 2202 ETC Training
		Office	STA	EP	CE	FIN	LPA	LEG	EP	CE	STA	LPA	AHR	PRA	LPA	PRA
		Goal	=	=	=	=	=	=	_	-	-	-	-	-	_	=
	Program	Code	292	292	292	631	629	681	069	069	701	710	720	788	791	833
	Pro		38 44	20	40 60	41 04	42 35	43 08	1 50	09	44	35	16	49 26	50 35	51 26
		#	38	39	40	41	42	43	44	45	46	47	48	49	50	51

81.29	
Total Customer Service & Business Assistance	

0.00 1.35

82.64 \$ 14,856,261 \$ 745,296 \$ 15,601,557

Program Prog		Revenue	Categories	×	II/X	II,IX	II,IV,IX	IV,V,IX,XV	II/X	X	×	XI	la	٩I	II,IV,IX	×	II,IX	IV,IX	=	XVII	XVII	XI	II,V,IX,XV	XI'II	XVII	XVII	XVII	XVII	Ш	×	IX,XVII	XVII	II,V,XV	×	×	II,IV,IX	ΛΙΊΙ	=	=	×	V,IX	IX	×	V,XI
Programs Activation Programs Freg Freg Freg Freg Freg 4-1 000 0.00		Expenditures	FY 2022-23	618,330	9,115	13,860	67,546	548,715	38,051	5,108,360	277,203	224,237	196,969	1,199,584	977,611	18,230	618,330	120,128	95,128	191,411	100,263	296,256	142,692	237,819	190,256	27,344	16,776	54,689	218,794	19,026	19,026	182,296	19,026	16,776	612,773	111,865	981,150	173,181	45,574	104,641	142,692	428,075	16,776	425,511
Operation of the control of	-		-/+	(42,065) \$	412	(3,058)	2,658	24,067	38,051	(196,113)	277,203	47,989	(56,909)	216,786	12,390	824	(62,895)	4,298	4,298	191,411	100,263	10,395	6,447	10,744	8,595	(16,169)	16,776	2,473	(144,526)	(53,638)	(17,306)	8,243	(198,966)	16,776	4,519	(1,083)	13,680	7,831	2,061	4,728	6,447	17,523	16,776	34,008
Year Coffice Program Activities FFE FFE FFE 002 1 PARA AR27NG/Mobile Source Outvech 7.23 0.00 0.00 010 1 STA AB 3.38 Milegion AB 2.32 Mobile Source AB 2.32 Mobile Source 0.00 0.00 010 1 EG AQAMP ADAPA Persistant Milegion Develop/Invent ADAMP 0.00 0.00 010 1 EG ADAMP ADAMP Persistant Mobile Source Outvech 0.30 0.00 013 1 EG ADAMP ADAMP Persistant Mobile Source Outvech 0.30 0.00 013 1 EG ADAMP Source ADAMP Source 0.30 0.00 013 1 EG ADAMP Source ADAMP Source 0.30 0.00 013 1 EG ADAMP Source ADAMP Source 0.00 0.00 013 1 EG ADAMP Source 0.00 0.00 0.00 013 1 EG <		Expenditures	FY 2021-22	\$ 660,395 \$	8,703	16,918	64,889	524,648	'	5,304,473	•	176,248	223,878	982,798	965,221	17,405	681,225	115,830	90,830	-	-	285,860	136,245	227,075	181,660	43,513	-	52,216	363,320	72,664	36,332	174,053	217,992	1	608,254	112,948	967,470	165,351	43,513	99,913	136,245	410,552	1	391,503
PRAMERIA PRAMERIA PROGRAM PR	-	FTEs	FY 2022-23	3.25	0.02	0.05	0:30	2.80	0.20	26.85	1.00	1.20	0.44	6.20	4.35	0.10	3.25	0.50	0.50	1.05	0.55	1.00	0.75	1.25	1.00	0.15	0.10	0:30	1.15	0.10	0.10	1.00	0.10	0.10	2.95	0.50	4.50	0.95	0.25	0.55	0.75	2.25	0.10	2.00
Part	-		-/-	0.00	0.00	0.00	00.00	00.0	0.20	-2.35	1.00	0.20	00:00	0.90	0.00	0.00	-0.50	0.00	0.00	1.05	0.55	00:00	0.00	00:00	00:00	-0.10	0.10	0.00	-0.85	-0.30	-0.10	00:00	-1.10	0.10	0.00	0.00	0.00	0.00	0.00	00.00	0.00	-0.01	0.10	0.01
orde Goal Office Program Program AB2766 Mobile Source AB276 Mobile Source AB270 Mobile Source	gory	FTEs	FY 2021-22	3.25	0.05	0.05	0:30	2.80	00:00	29.20	0.00	1.00	0.44	5.30	4.35	0.10	3.75	0.50	0.50	0.00	0.00	1.00	0.75	1.25	1.00	0.25	0.00	0.30	2.00	0.40	0.20	1.00	1.20	0.00	2.95	0.50	4.50	0.95	0.25	0.55	0.75	2.26	0.00	1.99
gram Ode Goal Office 002 1 PRA 009 1 STA 010 1 EC 010 1 EC 010 1 PRA 010 1 PRA 013 1 PRA 019 1 EC 019 1 PRA 010 1 PRA 010 1 PRA 010 1 PRA 104 1 PRA 107 1 PRA 108 1 PRA 121 1 PRA 121 1 PRA 368 1 STA 368 1 STA 451 1 PRA 452 1 PRA 503 1 PRA 550 1 PRA 560 1 PRA <t< td=""><td>Develop Programs Work Program by Cate</td><td></td><td></td><td>AB2766 Mobile Source Outreach</td><td>AB 1318 Projects Admn/Impl</td><td>Develop/Implement AQMP</td><td>AQMP Revision/CEQA Review</td><td>AQMP Special Studies</td><td>All American Asphalt Activities</td><td>AB617-Program Development</td><td>AB617-Program Development</td><td>AB617-Program Development</td><td>Dev/Coord Goals/Policies/Overs</td><td>Coordinate Off/Admin Activities</td><td>Prepare Environmental Assessments</td><td>AQIP Contract Admin/Evaluation</td><td>Review/Prepare CEQA Comments</td><td>ID/Develop/Impl CEQA Policy</td><td>Review CEQA Docs/Perm Proj</td><td>CARB Pilot Project (JETSI)</td><td>CEC Pilot Project (JETSI)</td><td>China Partnership Cleaner Shpng</td><td>AER Hotline/Support</td><td>Dev Emiss Inv: Forecasts/RFPs</td><td>Incentive Projects Admin</td><td>Incentive Projects Admin</td><td>Incentive Projects Admin</td><td>Lawn Mower Admin/Impl/Outreach</td><td>Prep Envrnmt Assmts/Perm Proj</td><td>CARB/US EPA Mob Src Fuel Policies</td><td>CEC/US DOE Mob Src rulemaking proposals</td><td>Implement Fleet Rules</td><td></td><td>PM10 Plan/Analyz/Strategy Dev</td><td>Prop 1B:Goods Movement</td><td>Public notif of rules/hearings</td><td>Apply econ models/Socio-econ</td><td>Eval ST Methods/Validate</td><td>Analyze ST Samples/Air Prgms</td><td>Dist Rideshare/Telecommute Prog</td><td></td><td>Rule 2202 Proc/Sub Plans/Tech Eval</td><td>R2202 Proc/Sub Plans/Tech Eval</td><td>R2202 Supt/CmptrMaint/WebSubmt</td></t<>	Develop Programs Work Program by Cate			AB2766 Mobile Source Outreach	AB 1318 Projects Admn/Impl	Develop/Implement AQMP	AQMP Revision/CEQA Review	AQMP Special Studies	All American Asphalt Activities	AB617-Program Development	AB617-Program Development	AB617-Program Development	Dev/Coord Goals/Policies/Overs	Coordinate Off/Admin Activities	Prepare Environmental Assessments	AQIP Contract Admin/Evaluation	Review/Prepare CEQA Comments	ID/Develop/Impl CEQA Policy	Review CEQA Docs/Perm Proj	CARB Pilot Project (JETSI)	CEC Pilot Project (JETSI)	China Partnership Cleaner Shpng	AER Hotline/Support	Dev Emiss Inv: Forecasts/RFPs	Incentive Projects Admin	Incentive Projects Admin	Incentive Projects Admin	Lawn Mower Admin/Impl/Outreach	Prep Envrnmt Assmts/Perm Proj	CARB/US EPA Mob Src Fuel Policies	CEC/US DOE Mob Src rulemaking proposals	Implement Fleet Rules		PM10 Plan/Analyz/Strategy Dev	Prop 1B:Goods Movement	Public notif of rules/hearings	Apply econ models/Socio-econ	Eval ST Methods/Validate	Analyze ST Samples/Air Prgms	Dist Rideshare/Telecommute Prog		Rule 2202 Proc/Sub Plans/Tech Eval	R2202 Proc/Sub Plans/Tech Eval	R2202 Supt/CmptrMaint/WebSubmt
gram ode Goal 004 Goal 002 1 003 1 010 1 010 1 010 1 010 1 010 1 010 1 013 1 028 1 107 1 108 1 109 1 107 1 108 1 109 1 100 1 101 1 102 1 103 1 104 1 105 1 107 1 452 1 453 1 503 1 550 1 705 1 705 1 883 1 883 1 883 1 883 <td></td> <td></td> <td>Program</td> <td>AB2766/Mobile Source</td> <td>AB 1318 Mitigation</td> <td>AQMP</td> <td>AQMP</td> <td>AQMP</td> <td>AAA-Irvine Activities</td> <td>AB617-Prog Develop</td> <td>AB617-Prog Develop</td> <td>AB617-Prog Develop</td> <td>Admin/SCAQMD Policy</td> <td>Admin/Office Management</td> <td>SCAQMD Projects</td> <td>AQIP Evaluation</td> <td>CEQA Document Projects</td> <td>CEQA Policy Development</td> <td>CEQA Resp Agy Proj</td> <td>CARB PilotPrj JETSI</td> <td>CEC PilotPrj JETSI</td> <td>China Cln Shipping</td> <td>Emissions Inventory Studies</td> <td>AQMP/Emissions Inventory</td> <td>Incentive RFP Emis Red Projs</td> <td>Incentive RFP Emis Red Projs</td> <td>Incentive RFP Emis Red Projs</td> <td>Lawnmower Exchange</td> <td>Lead Agency Projects</td> <td>Mob Src/CARB/EPA Monitoring</td> <td>Mob Src/CEC/US DOE Monitoring</td> <td>Mobile Source Strategies</td> <td>PM Strategies</td> <td>PM Strategies</td> <td>Prop 1B:Goods Movement</td> <td>Public Notification</td> <td>Socio-Economic</td> <td>ST Methods Development</td> <td>ST Sample Analysis/Air Program</td> <td>Rideshare</td> <td>Transportation Regional Progs</td> <td>Rule 2202 Implement</td> <td>Rule 2202 Implement</td> <td>Rule 2202 Support</td>			Program	AB2766/Mobile Source	AB 1318 Mitigation	AQMP	AQMP	AQMP	AAA-Irvine Activities	AB617-Prog Develop	AB617-Prog Develop	AB617-Prog Develop	Admin/SCAQMD Policy	Admin/Office Management	SCAQMD Projects	AQIP Evaluation	CEQA Document Projects	CEQA Policy Development	CEQA Resp Agy Proj	CARB PilotPrj JETSI	CEC PilotPrj JETSI	China Cln Shipping	Emissions Inventory Studies	AQMP/Emissions Inventory	Incentive RFP Emis Red Projs	Incentive RFP Emis Red Projs	Incentive RFP Emis Red Projs	Lawnmower Exchange	Lead Agency Projects	Mob Src/CARB/EPA Monitoring	Mob Src/CEC/US DOE Monitoring	Mobile Source Strategies	PM Strategies	PM Strategies	Prop 1B:Goods Movement	Public Notification	Socio-Economic	ST Methods Development	ST Sample Analysis/Air Program	Rideshare	Transportation Regional Progs	Rule 2202 Implement	Rule 2202 Implement	Rule 2202 Support
9gram oide 0002 0003 0009 0100 0100 0100 0100 0100 0100			Office	PRA	STA	EO	931	PRA	PRA	PRA	EO	EP	EO	PRA	PRA	STA	PRA	PRA	PRA	STA	STA	PRA	PRA	PRA	PRA	STA	CE	STA	PRA	PRA	PRA	STA	PRA	S	STA	LPA	PRA	STA	STA	PRA	PRA	PRA	CE	PRA
			Goal	-	-	-	_	-	_	-	1	_	-	-	=	-	=	-	=	_	-	_	-	-	-	-	_	-	=	-	-	_	-	-	-	_	_	_	_	_	-	-	-	
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			4	1 26	2 44	3 03		-	-	7 26			10 03			13 44	14 26		16 26		18 44	19 26	20 2ε	21 26		23 44	24 60	25 44	26 2t		28 2£	29 44	30 26				34 26	35 44	36 44	37 26			40 GC	41 26

Programs	
Develop	
Total	

(1.10)

	Expenditures Revenue	FY 2022-23 Categories	27,344 lb	19,026 lb	19,026 XVIII	19,026 XVIII	19,026 II,IX	16,776 XVIII	47,564 V,IX	1,498,052	285,383 II,III,IX	38,051 IV,IX	XI 299,537	54,689 XVII	1,306,533	38,051 XVII	46.716 II.XV
		-/+	\$ 1,236 \$	(180,800)	(71,804)	098	(26,389)	16,776	2,149	56,017	194,553	1,719	217,877	2,473	233,233	1,719	2.654
	Expenditures	FY 2021-22	\$ 26,108	199,826	90,830	18,166	45,415	-	45,415	1,442,035	90,830	36,332	181,660	52,216	1,073,300	36,332	44.062
	FTEs	FY 2022-23	0.15	0.10	0.10	0.10	0.10	0.10	0.25	7.25	1.50	0.20	2.10	0:30	00'9	0.20	0.25
		-/+	00.00	-1.00	-0.40	00.00	-0.15	0.10	0.00	00.0	1.00	00.00	1.10	00.00	1.00	0.00	0.00
gory	FTEs	FY 2021-22	0.15	1.10	0.50	0.10	0.25	00.00	0.25	7.25	05.0	0.20	1.00	08'0	2.00	0.20	0.25
Develop Rules Work Program by Category		Activities	Rules: Assign/Manage/Supp	Admin: Rule Development	Rdev/Aud/DB/TA/SCAQMD/Rpts/AER	AB 197	Dev/Eval/Impl Area Source Prog	Dev/Amend/Area S Rules/Credits	Monitor Transp. Conformity	Facility Based Mobile Src Meas	Study Health Effect/Toxicology	Dev/Impl Intercredit Trading	Prepare SCAQMD Mob Src rulemaking proposals	AQMP Control Strategies	Rule Impact/Analyses/Model Dev	R1180 Comm Monitoring Refinery	Dev/Amend/Impl Rules
		Program	Admin/Office Mgmt/Rules	Admin/Rule Dev/PRA	Arch Ctgs - Admin	AB 197	Area Sources/Rulemaking	Area Sources/Rulemaking	Conformity	Fac Based Mob Src	Health Effects	Criteria Pollutants/Mob Srcs	Mob Src/SCAQMD Rulemaking	MS & AQMP Control Strategies	Regional Modeling	R1180 Community Mon	Rulemaking
		Office	STA	PRA	PRA	PRA	PRA	CE	PRA	PRA	PRA	PRA	PRA	STA	PRA	PRA	EP
		Goal	-	-	-	-	-	-	-	_	=	-	-	-	_	_	-
	Program	Code	44 043	020 97	26 071	26 074	220 93	60 077	26 165	26 257	362	385	26 449	456	6 460	646	0 650
	_	#	1 4	2 2	3 2	4 2	5 26	9 9	7 2	8 2	9 2	10 2	11 2	12 44	13 26	14 26	15 50

11,IV,V,XV II,IV,XV

342,460 800,048

(85,358) (184,354)

526,814

608,561 217,992

-0.60 2.90

Amend/Develop NSR & Admin Rules

Legal Advice: Rules/Draft Regs Dev/Amend BACT Guidelines

Rules/Legal Advice Rulemaking/BACT Rulemaking/BACT Rulemaking/NOX Rulemaking/VOC

LEG STA Dev/Amend BACT Guidelines

Rulemaking/NOx

Provide Rule Development Supp Provide Rule Development Supp Develop/Amend Air Toxic Rules RECLAIM Legal Adv/Related Iss

Assist PRA w/ Rulemaking Dev/Amend VOC Rules

> Rulemaking/Support PRA Rulemaking/Support PRA Rulemaking/Support PRA

STA CE PRA LEG STA STA

NSR/Adm Rulemaking

PRA PRA

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270.185

10,630

259,555

(261,080)

261,080

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1.50 3.35

336,356 523,203

336,356

46,716

(8,338)

208,864 44,062

1.10 0.25 0.80

-0.10 -0.30

1.20 1.20 0.25

134,206 1,883,529 112,577

> 39,680 4,429

1,843,849

9.90

-0.25 0.00

10.15 1.10 0.50

173,906

108,148 127,162 43,513

(39.700)

200,526

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Title V & NSR Rulemaking-Supp	Title V Rules Dev/Amend/Impl	0.25	0.00	0.25	4	4,062	2,654	46,716
	Total Develop Rules	42.10	2.80	44.90	\$	\$ 179'286'	921,769	\$ 8,859,439

NX,V,II

46,716

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44,062

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2,061

43,513

0.25 0.25 0.25

0.70 0.25

RECLAIM Amend Rules/Related Is

Title III Dev/Implement Rules

VOC Analysis & Rptg/Rules Analyze ST Samples/Rules

ST Sample Analysis/Air Program VOC Sample Analysis/Rules

Title III Rulemaking

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752

Rulemaking/RECLAIM Rulemaking/RECLAIM

PRA

706 708

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661

Rulemaking/Toxics

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661

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45,574

63,093 2,061

190,256

d on the line.		
A prorated share of the District General Budget has been allocated to each line in the work program based on the number of FTEs reflected	adget has been allocated to each line in the work program based on the hamber of the reflected of the	

					Work Program by Category	gory						
#	Program Code	Goal	Office	Program	Activities	FTEs FY 2021-22	<u></u>	FTEs FY 2022-23	Expenditures FY 2021-22	,	Expenditures FY 2022-23	Revenue
+	60 013	╀	UU UU	AAA-Irvine Activities	All American Asphalt Activities	0.00	0.20	0.20	\$	\$ 33,551	\$ 33,551	≡\X
2 4	44 015	_	STA	Acid Rain Program	Acid Rain CEMS Eval/Cert	0.20	0.00	0.20	34,811	1,649	36,459	N'II
3	\Box	-	CE	AB617-Prog Develop	AB617-Program Development	5.10	0.10	5.20	806,289	66,047	872,337	×
\rightarrow	_	-	STA	Admin/Office Mgmt/Compliance	Compliance: Assign/Manage/Supp	0.37	0.00	0.37	64,400	3,050	67,450	qI
2	020 09	-	E	CARB PERP Program	CARB Audits/Statewide Equip Reg	00.9	0.00	90.9	948,576	57,966	1,006,541	XIX
9	60 071	-	E	Arch Ctgs - Admin	Report Review	0.00	0.10	0.10	-	16,776	16,776	XVIII
7 0	08 072	_	LEG	Arch Ctgs - End User	Case Dispo/Rvw, Track, Prep NOVs	0.05	0.00	0.05	10,815	443	11,258	XVIII
8 2	26 072	-	PRA	Arch Ctgs - End User	Compliance/Rpts/Rule Implementation	0.75	-0.75	00.00	136,245	(136,245)	-	XVIII
9 4	44 072		STA	Arch Ctgs - End User	Sample Analysis/Rpts	2.00	0.00	2.00	348,106	16,486	364,592	XVIII
10 6	60 072	-	CE	Arch Ctgs - End User	Compliance/Rpts/RuleImpmenta	0.00	0.70	0.70	-	117,430	117,430	XVIII
11 0	08 073	_	FEG	Arch Ctgs - Other	Case Dispo/Rvw, Track, Prep NOVs	0.05	0.00	0.05	10,815	443	11,258	XVIII
12 2	26 073	_	PRA	Arch Ctgs - Other	Compliance/Rpts/Rule Implementation	1.00	-1.00	0.00	181,660	(181,660)	-	XVIII
13 6	60 073	-	CE	Arch Ctgs - Other	Compliance/Rpts/Rule Implementation	00:0	1.00	1.00	-	167,757	167,757	XVIII
14 2	26 076	-	PRA	Area Sources/Compliance	Area Source Compliance	4.50	-4.50	00.0	837,470	(837,470)	-	VX,XI,V,VI,III
15 6	920 09	-	CE	Area Sources/Compliance	Area Source Compliance	00:0	5.25	5.25	-	880,724	880,724	III/X
16 1	16 080	=	AHR	Auto Services	Vehicle/Radio Repair & Maint	4.00	-0.55	3.45	655,007	(56,478)	598,530	la
17 6	60 093	_	핑	CARB Oil & Gas Reg.	GHG EM Stds Oil/NG Facilities	4.00	1.00	5.00	632,384	206,401	838,784	II/X
18 4	44 105	_	STA	CEMS Certification	CEMS Review/Approval	5.00	0.00	5.00	870,266	41,214	911,480	II,III,VI
19 3	35 111	=	LPA	Call Center/CUT SMOG		8.00	0.00	8.00	1,487,176	(17,333)	1,469,843	IX,XV
20 0	08 115	_	LEG	Case Disposition	Trial/Dispo-Civil Case/Injunct	4.75	0.00	4.75	1,027,405	42,079	1,069,484	II,IV,V,VII,XV
	_	=	E	Compliance/IM Related Activiti	Assist IM: Design/Review/Test	0.20	0.10	0.30	31,619	18,708	50,327	. ≥
22 0	08 154	_	LEG	Compliance/NOV Administration	Review/Track/Prep NOVs/MSAs	0.75	0.00	0.75	162,222	6,644	168,866	2
23 6	60 155	_	GE	Compliance Guidelines	Procedures/Memos/Manuals	0.25	-0.05	0.20	39,524	(5,973)	33,551	2
24 5	50 156	-	EP	Perm Proc/Info to Compliance	Prov Permit Info to Compliance	3.00	0.00	3.00	528,743	31,850	560,593	III, IV, XV
25 6	60 157	_	CE	Compliance/Special Projects	Prog Audits/Data Reg/Brd Supp	4.00	1.00	5.00	632,384	206,401	838,784	=
26 6	60 158	-	CE	Compliance Testing	R461/Combustion Equip Testing	0.50	0.50	1.00	111,048	56,709	167,757	Ν
27 4	44 175	_	STA	DB/Computerization	Develop Systems/Database	0.44	0.00	0.44	76,583	3,627	80,210	II,IV,VI
28 0	08 185	_	LEG	Database Management	Support IM/Dev Tracking System	1.00	0.00	1.00	256,296	8,859	265,154	2
29 2	26 215	_	PRA	AER Gen/Rev/Am/Aud	AER General/Review/Amend/Audit	8.70	-1.50	7.20	1,580,442	(200,603)	1,379,840	N,II
	26 216	_	PRA	AER Admin/Maint	AER Administration/Maintenance	1.00	1.50	2.50	181,660	293,979	475,639	=
31 0	08 235	_	LEG	Enforcement Litigation	Maj Prosecutions/Civil Actions	2.00	0.00	2.00	432,591	17,717	450,309	Ν
	50 240	_	EP	Environmental Justice	R461/Combustion Equip Testing	0.50	0.00	0.50	88,124	5,308	93,432	II,IV,XV
	26 358	_	PRA	GHG Rules-Compl	Green House Gas Rules-Compliance	1.00	-1.00	0.00	181,660	(181,660)	-	Ν
	60 358	_	CE	GHG Rules-Compl	Greenhouse Gas Rule Compliance	0.00	1.30	1.30	-	218,084	218,084	XVII
	17 364	-	CB	Hearing Board/Abatement Orders	Attnd/Recrd/Monitr Mtgs	0.10	0.00	0.10	23,643	(331)	23,312	2
36 1	17 365	_	CB	Hearing Board/Variances/Appeal	Attend/Record/Monitor HB Mtgs	3.20	0.00	3.20	841,775	(10,580)	831,196	IV,V,VII
37 5	50 365	-	EP	Hearing Bd/Variances	Variances/Orders of Abatement	0.75	0.00	0.75	132,186	7,962	140,148	IIA
38	98 09	-	CE	Hearing Bd/Variances	Variances/Orders of Abatement	0.25	-0.05	0.20	39,524	(5,973)	33,551	IIA
39 0	998 80	-	LEG	Hearing Board/Legal	Hear/Disp-Varian/Appeal/Rev	3.00	0.00	3.00	648,887	26,576	675,463	IV,V,XV
40 2	26 371	_	PRA	Indir Src Rule Cmpl	Indir Source Rule Compliance	00:00	2.50	2.50	-	475,639	475,639	XVII
41 6	60 375	_	핑	Inspections	Compliance/Inspection/Follow-up	85.00	-10.00	75.00	13,442,155	(826,389)	12,585,766	NX,V,II
42 5	50 377	-	EP	Inspections/RECLAIM Audits	Audit/Compliance Assurance	00.9	0.00	00.9	1,057,487	63'69	1,121,186	N'II
		-	CE	Inspections/RECLAIM Audits	Audit/Compliance Assurance	16.00	0.00	16.00	2,529,535	15	2,684,110	NI,II
		_	LEG	Interagency Coordination		0.20	0.00	0.20	43,259		45,031	N,II
45 0	08 403	=	LEG	Legal Rep/Litigation	Prep/Hearing/Disposition	3.50	00.00	3.50	913,036	31,005	944,041	la,II

A prorated share of the District General Budget has been allocated to each line in the work program based on the number of FTEs reflected on the line.	
	rated share of the District General Budget has been allocated to each line in the work program based on the number of FTEs reflected on the lir

Principle Fries Fries Fries Fries Frequentiumes Fry page 1.22 4/- Fry page 1.22					Ensure Compliance (Cont.) Work Program by Category	ont.) gory			-			
rysis Activities FY 2021-22 4'- FY 2021-23 FY 2021-24						FTEs		FTES	Expenditures		Expenditures	Revenue
hybis Asbestos/PM/Morbis Analysis 3.00 0.00 3.0 \$ 522,160 5 24,728 \$ 5 546,88 ent Mutual Settlement Pongann 1.50 0.00 1.50 82,444 5 328 337,732 en Compliance (Inspection/Pollovu-up 0.00 0.00 0.50 82,144 5.308 93,432 ex Exalidate Proc Aspestos Plans 1.030 0.00 0.00 0.50 1.792,748 84,901 1,877,649 Explactor Complicace Invalidelines 0.00 0.00 0.00 1.792,748 84,901 1,877,649 Explort Admin/Policy/Guidelines 0.00 0.00 0.00 1.792,748 86,909 1,214,618 Support Admin/Policy/Guidelines 0.00 0.00 0.50 0.50 0.50 1,145,611 69,008 1,214,618 Support Admin/Policy/Guidelines 0.00 0.00 0.50 1,145,611 69,008 1,214,618 Support Admin/Policy/Guidelines 0.00 0.00 0.50 0.50 0.50 </th <th>Goal Office</th> <th>Office</th> <th></th> <th>Program</th> <th>Activities</th> <th>FY 2021-22</th> <th>-/-</th> <th>FY 2022-23</th> <th>FY 2021-22</th> <th>-/+</th> <th>FY 2022-23</th> <th>Categories</th>	Goal Office	Office		Program	Activities	FY 2021-22	-/-	FY 2022-23	FY 2021-22	-/+	FY 2022-23	Categories
ent Mutual Settlement Program 1.50 0.00 150 324,444 13,288 33,432 e Compliance/Inspectfor/Follow-up 0.50 0.00 0.50 1.79,748 8,4901 1,873,643 few Ex/Operate/Main PMZ S Network 0.50 0.00 0.50 1,792,748 8,4901 1,873,643 few Evaluate Proc S Abestor Plans 3.00 0.00 5.00 474,288 36,497 1,873,649 Support Admin/Policy/Guidelines 0.25 0.00 0.50 1,792,748 38,789 Support Admin/Policy/Guidelines 0.25 0.25 0.25 0.10 1,280,532 44,334 8,3878 Support Admin/Policy/Guidelines 0.25 0.25 0.25 0.25 1,432,618 0.00 1,617,639 Ferification Refinest 1.00 0.00 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20<	I STA	STA		Microscopic Analysis		3.00	00:0	3.00	\$ 522,160			II/X
e Compliance/Inspection/Follow-up 0.50 0.00 0.50 1.792,788 8.9.491 9.9.432 flew Est/Operator/Aniant PNUS. Network 10.30 0.00 1.00 1.00 1.792,788 8.4.901 1.877,569 flew Est/Operator Profession Plans 3.00 2.00 5.00 474,228 8.4.907 8.9.475 Support Admin/Policy/Guidelines 6.50 0.00 0.00 1.00 1.785,511 6.00 1.775,268 Support Admin/Policy/Guidelines 6.50 0.00 0.00 0.00 1.186,511 6.00 1.775,278 3.9.24 4.4518 Peril portion Admin/Policy/Guidelines 0.00	I LEG	LEG		Mutual Settlement	Mutual Settlement Program	1.50	0.00	1.50	324,444	13,288	337,732	2
ext/Opecrate/Maint PMJ.S. Network 10.30 0.00 10.30 1792,748 84.901 1877.649 ris/Breakdowns Ext/Opecrate/Maint PMJ.S. Network 3.00 0.00 1.782,784 84.901 1877.649 1sylloport Admin/Policy/Guideliness 3.00 0.00 1.580,595 96.609 1,214.618 Support Admin/Policy/Guidelines 0.25 0.00 0.50 31,524 6.9008 1,214.618 Support Admin/Policy/Guidelines 0.02 0.00 0.50 0.50 31,524 6.9008 1,214.618 Jeurgian Refinery Plot Project 1.10 1.0 0.10 0.50 0.50 30,530 44,354 9,9026 Perification Rule 1610 Plan Verification 0.50 0.50 0.50 0.00 0.00 0.00 30,530 44,354 9,9026 Actification Rule 1610 Plan Verification 0.50 0.50 0.50 0.50 0.00 0.00 0.00 1,41,4561 8,878 Actification Identify H	I EP	EP		Customer Service	Compliance/Inspection/Follow-up	0:20	0.00	0.50	88,124	5,308		II,V,IX,XV
Potocedure S Review Evaluate Proc S Abstestos Plans 3.00 5.00 5.00 4.74.288 364.497 8.18.88 Poulic Complicaty Plackdowns Completes Sprindfundiples out 1.000 0.00 1.58.0,531 6.00 1.57.559 96.600 1.57.559 RECLAMI/Admin Support Admin/Policy/Guidelines 0.25 0.25 0.25 0.50 1.36.0,531 4.33.4 8.38.78 RECLAMI/Admin Support Admin/Policy/Guidelines 0.25 0.25 0.25 0.50 39.524 4.43.34 8.38.78 RECLAMI/Admin Support Admin/Policy/Guidelines 0.00 0.00 0.00 30.00	I STA	STA		PM2.5 Program	Est/Operate/Maint PM2.5 Network	10.30	0.00	10.30	1,792,748	84,901	1,877,649	XI,V,II
Public Compliants/Breakdowns Complitesp/InvNtwup/Resolutn 1000 0.00 1.580.959 96.609 1,677.568 RECLIAN/Admain Support Admin/Policy/Guidelines 6.50 0.00 0.00 1.436.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 6.500 1,145.611 8.500 1,145.611 8.3273 1,133 4,134	- CE	핑		Procedure 5 Review	Evaluate Proc 5 Asbestos Plans	3.00	2.00	5.00	474,288	364,497	838,784	II/X
RECLAMI/Admin Support Admin/Policy/Guidelines 6.50 0.00 6.50 1,14,511 6.70	II CE	핑		Public Complaints/Breakdowns	Compitresp/Invflwup/Resolutn	10.00	0.00	10.00	1,580,959	609'96	1,677,569	II,IV,V,XV
RECLAIM/Admin Support Admin/Policy/Guidelines 0.25 0.25 0.50 39,524 44,354 83,878 Retleacy Pilot Project Retlinery Pilot Project Retlinery Pilot Project 1.10 -1.00 0.01 229,826 140,080 90,250 Rule 1610 Plan Verification Old vehicle scrapping 0.00 0.25 0.02 0.02 41,033 41,933 41,933 Rule 1610 Plan Verification Old vehicle scrapping 1.00 0.25 0.02 0.25 41,082 26,43 41,933 School Sting Identify Haz. Emission Sources near Schools 0.10 0.12 0.12 0.12 0.15 41,082 26,43 45,15 School Sting Identify Haz. Emission Sources near Schools 0.10 0.10 0.12 0.10 0.12 0.10	I EP	EP		RECLAIM/Admin Support	Admin/Policy/Guidelines	6.50	00.00	6.50	1,145,611	800′69		II,III,IV,XV
Refinery Pilot Project Refinery Pilot Project 1.10 -1.00 0.10 229,826 (130,800) 99,026 Rule 1610 Plan Verification Rule 1610 Plan Verification Rule 1610 Plan Verification Rule 1610 Plan Verification 10.00 0.50 0.50 0.50 0.50 0.53 44,062 2,634 45,136 Rule 1610 Plan Verification Identify Haz. Emission Sources near Schools 0.00 0.25 0.25 44,062 2,634 45,136 School Siting Identify Haz. Emission Sources near Schools 0.00 0.25 44,062 2,634 46,716 School Siting John Refiger Assistance Assistance Assistance 36,8124 46,716 16,776 Somale Business Assistance Assistance Monitoring Assistance Monitoring 2,25 0.00 2.25 421,620 18,746 440,166 Stroshine Cyn Ludfil Analyze ST Samples/Compliance Analyze ST Samples/Compliance 4.00 0.00 2.25 421,620 18,242 1,221,924 Sycola Monitoring Strashine Cyn Ludfil Surshi	I CE	S		RECLAIM/Admin Support	Admin/Policy/Guidelines	0.25	0.25	0.50	39,524	44,354	83,878	II,III,IV,XV
Rule 1610 Plan Verification Rule 1610 Plan Verification 0.50 -0.50 0.05 0.05 4.053 4.033 4.1339 4.1349 4.1341 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 4.1440 <t< td=""><td>I PRA</td><td>PRA</td><td></td><td>Refinery Pilot Project</td><td>Refinery Pilot Project</td><td>1.10</td><td>-1.00</td><td>0.10</td><td>229,826</td><td>(130,800)</td><td>950'66</td><td>=</td></t<>	I PRA	PRA		Refinery Pilot Project	Refinery Pilot Project	1.10	-1.00	0.10	229,826	(130,800)	950'66	=
Rule 1610 Plan Verification Old vehicle scrapping 0.00 0.25 0.40,602 2,654 41,939 41,931 41,931 41,932 44,016 40,166 <t< td=""><td>I PR⊅</td><td>PR⊅</td><td>1</td><td>Rule 1610 Plan Verification</td><td>Rule 1610 Plan Verification</td><td>0:20</td><td>-0.50</td><td>00.00</td><td>90,830</td><td>(90,830)</td><td>-</td><td>XI'N</td></t<>	I PR⊅	PR⊅	1	Rule 1610 Plan Verification	Rule 1610 Plan Verification	0:20	-0.50	00.00	90,830	(90,830)	-	XI'N
School Siting Identify Haz. Emission Sources near Schools 0.25 0.00 0.25 44,062 2,654 46,716 School Siting Identify Haz. Emission Sources near Schools 0.10 0.10 15,810 966 16,716 School Siting Identify Haz. Emission Sources near Schools 0.10 0.50 0.05 0.50 <td>I CE</td> <td>E</td> <td></td> <td>Rule 1610 Plan Verification</td> <td>Old vehicle scrapping</td> <td>00:00</td> <td>0.25</td> <td>0.25</td> <td>-</td> <td>41,939</td> <td>41,939</td> <td>×</td>	I CE	E		Rule 1610 Plan Verification	Old vehicle scrapping	00:00	0.25	0.25	-	41,939	41,939	×
School Stiting Identify Haz. Emission Sources near Schools 0.10 0.00 0.10 15,810 966 16,776 Small Business Assistance Asst sm bus w/ Permit Process 0.50 0.00 0.50 88,124 5.308 93,422 Source Testing/Compliance Conduct ST/Prov Data/Compliance 4.00 0.00 0.25 421,620 18,546 440,165 VOC Sample Analysis/Compliance Analyses Stragoliance Monitoring 4.00 0.00 6.50 1,603,46 (381,422) 1,221,924 VOC Sample Analysis/Compliance Rule 403 Compliance Monitoring 2.20 -1.00 6.50 1,603,46 (381,422) 1,221,924 Sunshine Cyn Lndfil Sunshine Cyn Lndfil 0.00 0.10 0.10 1,120 417,917 (16,4162) 253,755 1 Sunshine Cyn Lndfil Sunshine Cyn Lndfil 0.00 0.10 0.10 0.10 1,120 46,4162 1,321,394 1,321,394 1,321,394 1,321,394 1,321,394 1,321,394 1,321,394 1,321,394 1,321,394 1,321,394	I Eb	EP		School Siting	Identify Haz. Emission Sources near Schools	0.25	00:0	0.25	44,062	2,654		=
Small Business Assistance Asst sm bus w/ Permit Process 0.50 0.50 0.50 88,124 5,308 93,432 Source Testing/Compliance Conduct ST/Prov Data/Compliance Conduct ST/Prov Data/Compliance 4.00 0.00 2.25 421,620 18,546 440,166 ST/Sample Analysis/Compliance Analyze ST Samples/Compliance 4.00 0.00 4.00 6.50 1,633,46 18,546 440,166 VOC Sample Analysis/Compliance Analyze ST Samples/Compliance 0.00 0.00 0.00 1.00 4.00 1,633,46 185,42 1,221,324 Special Monitoring Rule 403 Compliance Monitoring 2.20 -1.00 0.10 -1.01 417,917 164,162 1,221,324 Sunshine Cyn Lndfill Rule 403 Compliance Monitoring 0.00 0.10 0.10 -1.13 417,917 164,162 1,221,324 Sunshine Cyn Lndfill Iritle V 1.20 0.00 0.10 0.10 0.11 1,141,421 23,155 1,141,421 Tritle V AB2588 Toxics HS Fee Collection 0.05	I CE	E		School Siting	Identify Haz. Emission Sources near Schools	0.10	00.00	0.10	15,810	996		Ν
Source Testing/Compliance Conduct ST/Prov Data/Compliance 2.25 0.00 2.25 421,620 18,546 440,166 ST/Sample Analysis/Compliance Analyze ST Samples/Compliance 4.00 0.00 4.00 65.01 32,971 32,971 729,184 VOC Sample Analysis/Compliance VOC Analysis & Rptg/Compliance 0.00 0.10 0.10 41,603,346 (381,422) 1,221,924 VOC Sample Analysis/Compliance VOC Analysis & Rptg/Compliance 0.00 0.10 0.10 41,603 33,91 164,162] 1521,924 Special Monitoring Rule 403 Compliance Monitoring 0.00 0.10 0.10 41,60 16,613,346 (381,422) 1,21,192 Intel Volume Cayno Ludfill 11tle V 0.00 0.10 0.10 0.11 41,432 464 37,550 Intel Volume Cayno Ludfill 11tle V 0.01 0.10 0.11 0.11,432 630,623 1,342,055 1 Intel Volume Cayno Ludfill 11tle V 0.01 0.05 0.00 0.11 0.01 0.01 </td <td>I EP</td> <td>EP</td> <td></td> <td>Small Business Assistance</td> <td></td> <td>0:20</td> <td>00:0</td> <td>0:20</td> <td>88,124</td> <td></td> <td></td> <td>VI,III</td>	I EP	EP		Small Business Assistance		0:20	00:0	0:20	88,124			VI,III
ST/Sample Analysis/Compliance Analyze ST Samples/Compliance 4.00 6.00 6.00 6.50 1.603,346 32,971 729,184 VOC Sample Analysis/Compliance VOC Sample Analysis/Compliance VOC Sample Analysis/Compliance Non-C Sample Analysis/Compliance 1.00 0.00 6.50 1,603,346 (381,422) 1,21,924 Special Monitoring Rule 403 Compliance Monitoring 2.20 -1.00 1.20 417,917 (164,162) 253,755 1 Sunshine Canyon Landfill 0.00 0.10 0.10 0.10 1.6776 16,776 11,727 11,236 11,236 11,236 11,236 11,236 11,236 11,236 11,236 11,236<	IS I	ST	A	Source Testing/Compliance	Conduct ST/Prov Data/Compl	2.25	0.00	2.25	421,620	18,546	440,166	IN
VOC Sample Analysis / Compliance 6.50 6.50 6.50 6.50 1,603,346 (381,422) 1,221,924 VOC Sample Analysis / Compliance YUC Sample Analysis / Compliance Monitoring 2.20 -1.00 0.10 0.10 0.10 0.10 0.10 0.10 0.10 16,776 17,776 17,278 17,435 17,435 17,435 17,435 17,457	I ST	S	Y.	ST/Sample Analysis/Compliance	Analyze ST Samples/Compliance	4.00	0.00	4.00	696,213	32,971	729,184	M
Special Monitoring Rule 403 Compliance Monitoring 2.20 -1.00 1.20 417,917 (164,162) 253,755 1 Sunshine Cyn Ludfil Sunshine Canyon Landfill 0.00 0.10 0.10 0.10 16,776 16,776 16,776 16,776 Title V Title V Compl/Inspect/Follow Up 4.50 3.50 8.00 711,432 630,623 1,342,055 1,342,055 Toxics/AB2588 AB2588 Legal Advice: Plan & Impl 0.05 0.00 0.15 0.00 0.15 44,062 2,716 44,356 44,062 2,716 44,715 44,356 44,062 2,745,015 11,258 44,062 2,745,015 44,071 143,962 10,245 0.00	I ST	S	Ä	VOC Sample Analysis/Compliance	VOC Analysis & Rptg/Compliance	6.50	0.00	6.50	1,603,346	(381,422)	1,221,924	IV,XV
Sunshine Canyon Landfill 0.00 0.10 0.10 0.10 16,776 11,258 16,776 11,258 11,249 2,145,015 11,249 2,145,015	I ST	S	A	Special Monitoring	Rule 403 Compliance Monitoring	2.20	-1.00	1.20	417,917	(164,162)	253,755	III,IV,IX,XV
Title V Title V Compl/Inspect/Follow Up 4.50 3.50 8.00 711,432 630,623 1,342,055 Toxics/AB2588 AB2588 Toxics HS Fee Collection 0.15 0.00 0.15 37,187 464 37,650 Toxics/AB2588 AB2588 Legal Advice: Plan & Impl 0.05 0.00 0.50 141,246 2,716 143,962 Toxics/AB2588 AB2588 Rev Rptrs/Risk Redplans 0.05 0.00 0.25 44,062 2,654 46,716 Toxics/AB2588 AB2588 Rev Rptrs/Risk Redplans 0.00 0.25 0.00 0.25 44,062 2,654 46,716 Toxics/AB2588 Eval Protocols/Methods/ST 2.00 0.00 0.00 348,106 16,486 364,592 Toxics/AB2588 Eval Protocols/Methods/ST 2.00 0.00 0.00 348,106 16,486 364,592 Toxics/Fugineering R1401 Toxics/HRA Prot/Rpt Eval 0.00 0.00 0.00 0.00 90,830 4,298 95,128 AB2588/Support Continuing Education/Training 0.75)	O	E	Sunshine Cyn Lndfll	Sunshine Canyon Landfill	0.00	0.10	0.10	-	16,776	16,776	XVII
Toxics/AB2588 AB2588 Toxics HS Fee Collection 0.15 0.00 0.15 37,187 464 37,650 Toxics/AB2588 AB2588 Legal Advice: Plan & Impl 0.05 0.00 0.05 141,246 2,716 143,962 Toxics/AB2588 AB2588 Database Software Supp 0.05 0.00 0.50 141,246 2,716 143,962 Toxics/AB2588 AB2588 Rev Rptrs/Risk Redplans 0.05 0.00 0.25 44,062 2,654 46,716 Toxics/AB2588 AB2588/Toxics Eval Protocols/Methods/ST 2.00 0.00 0.00 348,106 16,486 364,592 Toxics/AB2588 Eval Protocols/Methods/ST 2.00 0.00 2.00 348,106 16,486 364,592 Toxics/Fengineering R1401 Toxics/HRA Prot/Rpt Eval 1.30 0.00 0.50 90,830 4,298 95,128 AB2588/Support AB2588/Support Continuing Education/Training 0.75 0.00 0.75 6,64 4,298 95,128)	C	E	Title V		4.50	3.50	8.00	711,432	630,623	1,342,055	N'II
Toxics/AB2588 AB2588 Legal Advice: Plan & Impl 0.05 0.05 10,815 443 11,258 Toxics/AB2588 AB2588 Database Software Supp 0.50 0.00 0.50 141,246 2,716 143,962 Toxics/AB2588 AB2588 Rev Rprts/Risk Redplans 0.25 0.00 0.25 44,062 2,654 46,716 Toxics/AB2588 AB2588/Toxics Eval Protocols/Methods/ST 2.00 0.00 1.80 2,143,588 101,427 2,245,015 Toxics/AB2588 Eval Protocols/Methods/ST 2.00 0.00 1.30 226,269 10,716 236,985 Toxics/AB2588 R4B2588/Support AB2588/Support 0.00 0.50 0.00 0.50 90,830 4,298 95,128 Training Continuing Education/Training 0.75 0.00 0.75 6,644 168,866	III FI	표	Z	Toxics/AB2588	AB2588 Toxics HS Fee Collection	0.15	00.00	0.15	37,187	464		×
Toxics/AB2588 AB2588 Database Software Supp 0.50 0.50 0.05 141,246 2,716 143,962 Toxics/AB2588 AB2588 Rev Rprts/Risk Redplans 0.25 0.00 0.25 44,062 2,654 46,716 Toxics/AB2588 AB2588/Toxics AB2588/Toxics 11.80 0.00 11.80 2,143,588 101,427 2,245,015 Toxics/AB2588 Eval Protocols/Methods/ST 2.00 0.00 2.00 348,106 16,486 364,592 Toxics/AB2588 R1401 Toxics/HRA Prot/Rpt Eval 1.30 0.00 1.30 226,269 10,716 236,985 AB2588/Support AB2588/Support Continuing Education/Training 0.75 0.07 0.75 162,222 6,644 168,866	I LE	F	G	Toxics/AB2588	AB2588 Legal Advice: Plan & Impl	0.02	0.00	0.02	10,815	443		×
Toxics/AB2588 AB2588 Rev Rprts/Risk Redplans 0.25 0.00 0.25 44,062 2,654 46,716 16,716 46,716 7245,015 46,716 7245,015 46,716 7245,015	III	2	1	Toxics/AB2588	AB2588 Database Software Supp	0.50	0.00	0.50	141,246	2,716		×
Toxics/AB2588 AB2588/Toxics AB2588/Toxics 11.80 0.00 11.80 2,143,588 101,427 2,245,015 15 Toxics/AB2588 Eval Protocols/Methods/ST 2.00 0.00 2.00 348,106 16,486 364,592 Toxics/AB2588 R1401 Toxics/HRA Prot/Rpt Eval 1.30 0.00 1.30 226,269 10,716 236,985 AB2588/Support AB2588/Support 0.00 0.50 0.00 0.50 90,830 4,298 95,128 Training Continuing Education/Training 0.75 0.00 0.75 162,222 6,644 168,866	I EI	Ξ)	Toxics/AB2588	AB2588 Rev Rprts/Risk Redplans	0.25	0.00	0.25	44,062	2,654		×
Toxics/AB2588 Eval Protocols/Methods/ST 2.00 0.00 2.00 348,106 16,486 364,592 Toxics/Engineering R1401 Toxics/HRA Prot/Rpt Eval 1.30 0.00 1.30 226,269 10,716 236,985 AB2588/Support AB2588/Support 0.00 0.50 0.00 0.50 90,830 4,298 95,128 Training Continuing Education/Training 0.75 0.00 0.75 162,222 6,644 168,866	I PR	PR	А	Toxics/AB2588	AB2588/Toxics	11.80	0.00	11.80	2,143,588	101,427	2,245,015	×
Toxics/Engineering R1401 Toxics/HRA Prot/Rpt Eval 1.30 0.00 1.30 226,269 10,716 236,985 AB2588/Support AB2588/Support 0.50 0.00 0.50 90,830 4,298 95,128 Training Continuing Education/Training 0.75 0.00 0.75 162,222 6,644 168,866	I ST,	ST	Α	Toxics/AB2588	Eval Protocols/Methods/ST	2.00	0.00	2.00	348,106	16,486	364,592	×
AB2588/Support AB2588/Support 0.50 0.00 0	I ST,	ST	A	Toxics/Engineering	R1401 Toxics/HRA Prot/Rpt Eval	1.30	0.00	1.30	226,269	10,716	236,985	X,IV
Training	l PR	PR	Y:	AB2588/Support	AB2588/Support	0:20	0.00	0.50	90,830	4,298		×
)III LEG	LEG	,	Training	Continuing Education/Training	0.75	00.00	0.75	162,222	6,644		qı

260.81 \$ 45,517,170 \$1,621,541 \$ 47,138,712

261.36

Total Ensure Compliance

	Revenue	Categories	II/X	XI	qı	qı	XI	XI,V,II	II,IV,V,IX	II,V,IX	Ν	IIIAX	XVII	^	II/X	II/X	II/X	XVII	IV,XV
	Expenditures	FY 2022-23	\$ 72,918	6,817,870	164,066	376,592	513,690	1,349,665	4,419,078	182,296	91,148	364,592	1,310,708	18,230	36,459	36,459	273,444	182,296	16,776
		-/+	\$ 72,918	(74,636)	7,418	16,486	14,125	132,153	102,646	8,243	4,121	(53,514)	233,319	824	1,649	36,459	273,444	182,296	996
	Expenditures	FY 2021-22	- \$	6,892,506	156,648	360,106	499,565	1,217,512	4,316,433	174,053	87,027	418,106	1,077,389	17,405	34,811	-	-	-	15,810
	FTEs	FY 2022-23	0.40	37.40	06.0	2.00	2.70	6.91	21.55	1.00	0:20	2.00	7.19	0.10	0.20	0.20	1.50	1.00	0.10
		-/+	0.40	-2.20	00:00	0.00	-0.05	00:00	0.00	0.00	0.00	00.00	1.00	0.00	00:00	0.20	1.50	1.00	0.00
ity gory	FTEs	FY 2021-22	00:00	39.60	06:0	2.00	2.75	6.91	21.55	1.00	0.50	2.00	6.19	0.10	0.20	00:00	00:00	00.00	0.10
Monitoring Air Quality Work Program by Category		Activities	All American Asphalt Activities	AB617-Program Development	Overall Program Mgmt/Coord	STA Program Administration	Air Quality Evaluation	Analyze Criteria/Tox/Pollutants	Air Monitoring/Toxics Network	AM Audit/Validation/Reporting	Lead Monitoring/Analysis/Reporting	Sample Analysis/Rpts	AQ SPEC	Air Filtration EPA/Admn/Impl	Air Filtration Other/Admn/Impl	Aliso Cyn SEP MAD	Carson-Dominguez Chnnl H2S 21	EPA Com Scale Mobile Monitrng	Emerg Tech Asst to Public Saf
		Program	AAA-Irvine Activities	AB617-Prog Develop	Admin/Office Mgmt/Monitoring	Admin/Program Management	Air Quality Evaluation	Ambient Air Analysis	Ambient Network	Air Quality Data Management	Ambient Lead Monitoring	Arch Ctgs - Other	AQ SPEC	Air Filtration EPA	Air Fltration Other	Aliso Cyn SEP MAD	Carson H2S Event 21	EPA-Com-Mobile Monitoring	Emergency Response
		Office	STA	STA	STA	STA	PRA	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	CE
		Goal	_	-	-	-	-	_	-	-		-	=	-	-	-	-	-	=
	Program	Code	4 013	4 019	4 038	4 046	6 061	4 063	4 064	4 065	4 067	4 073	4 079	4 081	4 082	4 091	4 113	4 151	0 210
		#	1 44	2 44	3 44	4 44	5 26	6 44	7 44	8 44	9 44	10 44	11 44	12 44	13 44	14 44	15 44	16 44	17 60

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8,243 18,230

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0.70

2.00

ModelDev/Data Analysis/Forecast

NATTS(Natl Air Tox Trends Sta)

PM Sampling Program (DHS) Photochemical Assessment

OC Oil Spill 2021 Meteorology

PM Sampling Spec Quality Assurance Salton Sea Monit

507

44 24

44 44

MATES V Refinery

MATES \

EPA Community Scale AQ-SPEC

EPA Community Scale AQ-SPEC

248 443 445 468 505 530

44 26 26 44 44

18

MATES V Refinery

MATES V

PRA PRA CE

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69,322 24,728

1,463,788 17,405 522,160

824

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18,230 1,093,776

II,V,IX

49,457 2,061 (40,879)

1,044,319

6.00 0.25 0.50

8.41 0.10 3.00 6.00 13.00

R1180 Comm Monitoring Refinery Photochemical Assess & Monitor PM Sampling Program - Addition

Quality Assurance Branch

PM Sampling Special Events Orange County Oil Spill 2021 NATTS (Natl Air Tox Trends)

Mon/Analyze Hydrogen Sulfide

Emergency Response

Spec Monitoring/Emerg Response

715

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646 663 585

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R1180 Community Mon

(93,370)

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45,574

131,148

172,027

43,513

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V,XVII

8,243

15,810 174,053 47,249 18,166

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19,026 19,026 638,690 182,296

860

488,320 174,053

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	Revenue	Categories	×	<u>e</u>	<u>a</u>	<u>a</u>	la,VIII,XV	<u>la</u>	la	×	×	×	lb	lb	lb	qı	qı	qı	la	XVIII	XVIII	XVIII	la	la	la	11,111,1X	la	la	la	la	II,XVII	la	la	la	la	la	la	la	la	la	la	la	<u>a</u>	la	la	la	la
	Expenditures	FY 2022-23	550,034	560,218	483,207	105,701	516,002	270,185	433,717	73,761	652,039	1,643,649	554,405	415,256	795,290	960,503	419,839	7,550	86,743	5,901	11,001	51,364	3,020	1,399,895	442,391	165,010	1,955,305	419,839	223,948	472,319	102,728	407,694	52,046	112,577	517,150	130,115	15,100	260,230	199,510	1,160,091	120,802	235,652	15,100	1,660,230	225,154	326,373	367,461
	<u></u>	+/- F	\$ 9,294 \$	(10,417)	9,890	2,163	170,464	10,630	57,088	(195)	(5,969)	7,750	214,130	8,499	31,005	(120,114)	10,864	155	78,556	(16)	186	242	62	088'68	1,899	2,788	517,746	215,351	5,432	12,222	484	(1,685)	(352)	4,429	(91,128)	97,365	309	14,603	35,758	23,818	2,473	3,091	309	-	8,859	(4,629)	(4,333)
	Expenditures	FY 2021-22	540,739 \$	570,635	473,317	103,538	345,537	259,555	376,629	73,956	655,007	1,635,899	340,276	406,756	764,285	1,080,617	408,975	7,396	8,188	5,916	10,815	51,122	2,958	1,310,014	440,492	162,222	1,437,559	204,487	218,516	460,097	102,244	409,379	52,401	108,148	608,278	32,750	14,791	245,628	163,752	1,136,272	118,329	232,561	14,791	1,660,230	216,296	331,002	371,794
		FY 2022-23	2.50 \$	3.71	3.20	0.70	2.25	1.20	2.50	0.50	3.85	8.00	2.00	2.75	3.50	5.45	2.00	0.05	0.50	0.04	0.02	0.25	0.02	8.00	2.55	0.75	5.25	2.00	1.00	2.25	0.50	2.35	0.30	0.50	2.45	0.75	0.10	1.50	1.15	7.27	08.0	1.00	0.10	00.00	1.00	1.40	2.00
		-/+	0.00	0.00	0.00	0.00	1.00	0.00	0.20	0.00	-0.15	00:00	1.00	0.00	0.00	-0.55	00.00	00.00	0.45	00.00	00.00	0.00	0.00	00.00	-0.14	0.00	0.00	1.00	00.00	00.00	00.00	-0.15	-0.02	0.00	-0.85	0.55	0.00	0.00	0.15	00.00	00.00	00.00	00:00	00:00	0.00	0.00	0.00
rt gory	FTEs	FY 2021-22	2.50	3.71	3.20	0.70	1.25	1.20	2.30	0.50	4.00	8.00	1.00	2.75	3.50	00.9	2.00	0.05	0.05	0.04	0.02	0.25	0.02	8.00	2.69	0.75	5.25	1.00	1.00	2.25	0.50	2.50	0.32	0.50	3.30	0.20	0.10	1.50	1.00	7.27	08:0	1.00	0.10	00:00	1.00	1.40	2.00
Operational Support Work Program by Category		Activities	AB617-Program Development	Analyze/Prepare/Impl/Track WP	Contract Admin/Monitor/Process	FA Kep/Keconcile/Inv/Acct	Admin Governing/Hearing Brds	Legal Research/Staff/Exec Mgmt	Posting/Mailing/Delivery	AB617-Support	AB617-Support	AB617-Support	Budget/Program Management	Fin Mgmt/Oversee Activities	Attorney Timekeeping/Perf Eval	Reports/Proj/Budget/Contracts	Overall Direction/Coord of IM	Office Budget/Prep/Impl/Track	Program Dev/Monitor/Reporting	Cost Analysis/Payments	Rule Dev/TA/Reinterpretations	Database Dev/Maintenance	Building Corp Acct/Fin Reports	Repairs & Preventative Maint	Building Services Admin/Contracts	CEQA Review	Oper/Manage Host Computer Sys	CyberSecurity	Ad Hoc Reports/Bulk Data Update	Dev/Maintain Central Database	System Enhancements for GHG	Benefits Analysis/Orient/Records	Class & Salary Studies	Legal Advice: Employment Law	Recruit Candidates for SCAQMD	Track Positions/Workforce Analys	Assist HR/Interpret Salary Res	Meet/Confer/Labor-Mgmt/Grievance	Phones/Space/Keys/Audio-Visual	Record Accts Rec & Pay/Rpts	Fin/SCAQMD Stat Analysis & Audit	Treas Mgt Anlyz/Trk/Proj/Invst	CLASS/Rev/Acct/PR/Sys Analyze	Rep of Dist Meet/Conf/Testimony	Legal Advice:Attend Board/Cmte Mtgs	Attend/Record/Monitor Meetings	Graphic Arts
		Program	AB617-Prog Develop	Admin/SCAQMD Budget	Admin/SCAQMD Contracts	Admin/SCAQIMD Capital Assets	Admin/SCAQMD/GB/HB Mgmt	Admin/SCAQMD-Legal Research	SCAQMD Mail	AB617-Support	AB617-Support	AB617-Support	Admin/Office Management	Admin/Office Management	Admin/Office Management	Admin/Office Management	Admin/Office Management	Admin/Office Budget	Equal Employment Opportunity	Arch Ctgs - Admin	Arch Ctgs - Admin	Arch Ctgs - Admin	Building Corporation	Building Maintenance	Business Services	CEQA Document Projects	Computer Operations	CyberSecurity	Database Information Support	Database Management	Annual Emission Reporting	Employee Benefits	Classification & Pay	Employee/Employment Law	Recruitment & Selection	Position Control	Employee Relations	Employee Relations	Facilities Services	Financial Mgmt/Accounting	Financial Mgmt/Fin Analysis	Financial Mgmt/Treasury Mgmt	Financial Systems	Governing Board	Governing Board	Governing Board	Graphic Arts
		Office	LEG	Ξ			B	LEG	AHR	FIN	AHR	IM	EO	FIN	LEG	AHR	MI	FIN	AHR	FIN	LEG	IM	FIN	AHR	AHR	LEG	M	MI	M	MI	MI	AHR	AHR	LEG	AHR	AHR	FIN	AHR	AHR	FIN	FIN	FIN	AIN	GB	LEG	CB	LPA
		Goal	-	= :	= :	≡ :	=	=	≡	_	-	_	≡	Ξ	≡	=	=	=	=	_	_	-	=	=	=	=	≡	=	=	=	_	≡	≡	≡	Ξ	≡	Ξ	=	=	=	=	=	≡	=	≡	≡	=
	Program	Code	_	_	_	-	_	08 025	16 026	04 035	16 035	7 035	03 038	04 038	08 038	16 038	7 038	04 045	16 060	04 071	08 071	27 071	04 085	16 090	16 092	102	7 160	7 173	7 184	7 185	27 215	16 225	16 226	08 227	16 228	16 232	04 233	16 233	16 255	04 265	04 266	04 267	04 268	02 275	08 275		35 350
		#	\neg	$\overline{}$	$\overline{}$	\neg	$\overline{}$	9	7 1	8 0	9 1	10 27	11 0	12 0	13 0	14 1	15 27	16 0	17 1	18 0	19 0	20 2	21 0	22 1	23 1	24 0	25 27	26 27	27 27	28 27	29 2	30 1	31 1	32 0	33 1	34 1	35 0	36 1	37 1	38 0	39 0	40 0	41 0	42 0	43 0		45 3

A prorated share of the District General Budget has been allocated to each line in the work program based on the number of FTEs reflected on the line.

	Revenue	Categories	<u> </u>	2 2	el e	×	×	la	N'II	la	la	la	la	la	la	la,III,IV	II,III,IV,XI	la	II,III,IV	la	qI	qI	qI	qI	la	1a	la	la	la	la	la	la	la	la	la	la	la	II/X	II/X	II/X	la	В	la	la
	Expenditures	FY 2022-23	500,028	60,830	26,023	19,026	95,889	2,130,683	550,137	7,550	609'999	377,505	181,203	151,002	306,040	914,880	922,006	695,874	1,362,065	314,879	30,200	190,256	579,280	671,028	3,020	260,230	19,026	1,837	9,115	9,343	16,776	1,510	57,077	1,837	9,115	9,343	16,776	147,521	205,456	11,001	8,316	3,020	6,994	266,358
-		-/+	, 14,936	1,358	9,648	19,026	(254)	94,814	(250,510)	155	12,672	7,727	3,709	3,091	6,790	3,052	145,471	221,391	(28,332)	8,148	618	8,595	32,911	38,644	62	260,230	9,943	(22)	412	531	996	31	2,579	(22)	412	531	996	(390)	696	186	(1,835)	(1,299)	(66)	46,549
	Expenditures	FY 2021-22	782,030	59 472	16,375		96,142	2,035,869	800,647	7,396	653,937	369,779	177,494	147,911	299,250	911,828	776,535	474,484	1,390,397	306,731	29,582	181,660	546,368	632,384	2,958	-	6,083	1,859	8,703	8,812	15,810	1,479	54,498	1,859	8,703	8,812	15,810	147,911	204,487	10,815	10,151	4,319	7,093	219,809
-	FTES	FY 2022-23	00.6	0.25	0.15	0.10	0.65	8.25	2.00	0.02	4.10	2.50	1.20	1.00	1.25	3.75	6.25	3.25	4.50	1.50	0.20	1.00	3.10	4.00	0.02	1.50	0.10	0.01	0.02	0.05	0.10	0.01	0.30	0.01	0.02	0.05	0.10	1.00	1.00	0.05	0.03	0.02	0.03	1.40
-		-/+	8 6	00.0	0.05	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
Cont.) egory	FTES	FY 2021-22	2,73	2:30	0.10	0.00	0.65	8.25	2.00	0.02	4.10	2.50	1.20	1.00	1.25	3.75	5.25	2.25	4.50	1.50	0.20	1.00	3.10	4.00	0.02	00.00	0.02	0.01	0.02	0.05	0.10	0.01	0:30	0.01	0.02	0.02	0.10	1.00	1.00	0.05	0.03	0.02	0.03	1.21
Operational Support (Cont.) Work Program by Category		Activities Enhance Oner Effic/Broductivity		General Library Sycs/Archives	Mentorship Program	Mentor/Mentee Activities	Record Acct Rec & Pay/Special Funds	Operate/Maintain/Implem SCAQMD	Dev sys for special oper needs	Outreach/Incr SB/DVBE Partic	Ded/Ret Rpts/PR/St & Fed Rpts	Purch/Track Svcs & Supplies	Receive/Record SCAQMD Purchases	Track/Monitor SCAQMD Supplies	Plan/ImpI/Dir/Records Mgmt plan	Records/Documents processing	Receive/Post Pymts/Reconcile	Liabl/Property/Wk Comp/Selfins	Maintain Existing Software Prog	Fin/HR PeopleSoft Systems Impl	Continuing Education/Training	Training	Dist/Org Unit Training	Dist/Org Unit Training	Official Labor/Mgmt Negotiate	Inclusion/Diversity/Equity	Official Labor/Mgmt Negotiate	Official Labor/Mgmt Negotiate	Labor/Mgmt Negotiations	Official Labor/Mgmt Negotiate	Official Labor/Mgmt Negotiate	Rep Employees in Grievance Act	Rep Employees in Grievance Act	Union Steward Activities	Rep Employees in Grievance Act	Rep Employees in Grievance Act	Rep Employees in Grievance Act	VW-General Admin	VW-General Admin	VW-General Admin	Create/edit/review web content	Create/edit/review web content	Create/edit/review web content	Create/edit/review web content
	ć	Program	Internation Technology Sycs	Library	Mentorship Program	Mentorship Program	Mobile Sources/Accounting	Network Operations/Telecomm	New System Development	Outreach/SB/MB/DVBE	Payroll	Purchasing	Purchasing/Receiving	Purchasing-Receiving/Stockroom	Records Information Mgmt Plan	Records Services	Cash Mgmt/Revenue Receiving	Risk Management	Systems Maintenance	Systems Implementation/PeopleS	Training	Training	Training	Training	Union Negotiations	Union Negotiations	Union Negotiations	Union Negotiations	Union Negotiations	Union Negotiations	Union Negotiations	Union Steward Activities	Union Steward Activities	Union Steward Activities	Union Steward Activities	Union Steward Activities	Union Steward Activities	VW-General Admin	VW-General Admin	VW-General Admin	Web Tasks	Web Tasks	Web Tasks	Web Tasks
		OHICE N	<u> </u>	2 2	AHR	PRA	FIN	Σ	IM	FIN	FIN	FIN	FIN	FIN	Σ	Σ	FIN	AHR	Σ	Σ	FIN	PRA	EP	CE	FIN	AHR	PRA	LPA	STA	EP	CE	FIN	PRA	LPA	STA	EP	CE	FIN	Σ	LEG	EO	FIN	CB	PRA
	·	E Goal	=	=	≡	≡	_	≡	Ξ	=	Ξ	Ξ	≡	≡	≡	≡	≡	≡	≡	≡	≡	=	≡	≡	Ξ	Ξ	Ξ	Ξ	Ξ	≡	≡	≡	≡	≡	=	=	Ξ	_	-	_	=	=	=	=
	Program	27 270	-	—	₩	_	04 447	27 470	27 480	04 493	04 510	04 570	04 571	04 572	27 615	27 616	04 630	_	27 735	27 736	04 805		50 805	60 805	04 825	16 825	26 825	35 825	44 825	50 825	60 825			35 826	44 826	50 826	60 826	04 827	27 827	08 827	03 855	04 855	17 855	26 855
		# 2					51 (52 2	53	54 (22 (67	989) 69	70	71		73 4	74	75 (78	7 62	80	81 (82 (83	84		98		88

Program Program Py Category Program Program Py Category Program											
gram FIEs FTEs FTEs Expenditures gram Goal Office Program Activities Activities FTEs Expenditures FY 2021-22 +/- FY 2021-22		Revenue	Categories	la	la	la	la	1a	1a	1a	1a
gram FTEs		Expenditures	FY 2022-23		73,492	46,716	-	1,208,811	133,179	9,115	50,327
gram Goal Office FTEs FTEs FTES FTES FTES Expen gram Goal Office Program Activities Activities FTES FY 2021-22 +/- FY 2021-22 FY 2			-/+		(867)	2,654	(63,238)	416,759	133,179	9,115	50,327
gram Comparational Support (Cont.) ode Goal Office Program Activities FTEs FTEs 855 II IPA Web Tasks Create/edit/review web content 3.25 0.00 855 II EP Web Tasks Create/edit/review web content 0.40 0.00 855 II EP Web Tasks Creation/Update of Web Content 0.40 0.00 855 II EP Web Tasks Creation/Update of Web Content 0.40 0.00 880 III FPA Inclusion/Equity Inclusion/Diversity/Equity 0.00 0.70 880 III STA Inclusion/Equity Inclusion/Diversity/Equity 0.00 0.00 880 II CE Inclusion/Equity Inclusion/Diversity/Equity 0.00 0.00		Expenditures	FY 2021-22	\$ 946,802	74,359	44,062	63,238	792,052	-	-	•
gram Gover a program FFEs def Goal Office Program Activities FTEs +/- 855 II IM Web Tasks Create/edit/review web content 3.25 855 II EP Web Tasks Creation/Update of Web Content 0.40 855 II EP Web Tasks Creation/Update of Web Content 0.25 880 III EO Inclusion/Equity Inclusion/Diversity/Equity 4.00 880 III STA Inclusion/Equity 0.00 880 II STA Inclusion/Equity 0.00 880 II CE Inclusion/Equity 0.00		FTEs	FY 2022-23	3.25	0.40	0.25	00.00	4.00	0.70	0.02	
Create/edit/review web content			-/+	0.00	0.00	0.00	-0.40	0.00	0.70	0.02	0:30
gram Program As 855 II IM Web Tasks Create/edit/review web 855 II LPA Web Tasks Create/edit/review web 855 II EP Web Tasks Creation/Update of Web 855 II EO Web Tasks Creation/Update of Web 880 III EO Inclusion/Equity Inclusion/Diversity/Equi 880 III PRA Inclusion/Equity Inclusion/Diversity/Equi 880 II STA Inclusion/Equity Inclusion/Diversity/Equi 880 II CE Inclusion/Diversity/Equi	Cont.) gory	FTEs	FY 2021-22	3.25	0.40	0.25	0.40	4.00	0.00	0.00	00:00
gram Office Office 855 II IPA Web Tasks 855 II IPA Web Tasks 855 II EP Web Tasks 855 II EP Web Tasks 880 III EO Inclusion/Equit 880 III STA Inclusion/Equit 880 I CE Inclusion/Equit 880 I CE Inclusion/Equit	Operational Support (Work Program by Cat		Activities	Create/edit/review web content	Create/edit/review web content	Creation/Update of Web Content	Creation/Update of Web Conten	Inclusion/Diversity/Equity	Inclusion/Diversity/Equity	Inclusion/Diversity/Equity	Inclusion/Diversity/Equity
gram ode Goal 855 II 855 II 880 III			Program	Web Tasks	Web Tasks	Web Tasks	Web Tasks	Inclusion/Equity	Inclusion/Equity	Inclusion/Equity	Inclusion/Equity
gram ode 855 855 855 855 880 880 880 880			Office		LPA	EP	CE		PRA		CE
Program Code 27 855 0 35 855 1 50 855 3 03 880 1 26 880 1			Goal	=	=	=	=	=	=	=	_
Pro Pro Pro Pro Pro Pro Pro Pro		ogram	ode	855	855			880	880		
		Prc		9 27	35		5 60	3 03	1 26	5 44	9 9

158.62 \$ 31,819,557 \$2,669,616	7.03
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Total Operational Support

umber of FTEs reflected on the line.
ach line in the work program based on the nul
trict General Budget has been allocated to e
A prorated share of the Dist

17.21 \$ 5,034,574 \$ (301,590) \$

Total Policy Support

Program Free or Code						Work Program by Category	gory						
6.8 Any Interpretation Pry Registration		gram					FTEs		FTEs	Expenditures		Expenditures	Revenue
1 STA AdminyOffice, March Polity Supply AgminYOffice, March Polity Supply AdminYOffice, March Polity Supply AgminYOffice, March Polity Sup	,~,	ode	Goal	Office	Program		FY 2020-21	-/-	FY 2022-23	FY 2021-22	+/-	FY 2022-23	Categories
11 FNA Hith Effects Afr Pollution Four Health Effects African Four Health Effects Africa		041	-	STA	Admin/Office Mgmt/Policy Supp	Overall Policy Supp/Mgmt/Coord	0.49	-0.05	0.44			\$ 80,210	qı
11 FRA HIR Flets of A Pollution Four Health Effects of A Pollution Four 10 0.00 0.01 2.958 6.2 3.020 11 PRA Climate/Eners of Pollution Four Health Effects Are Pollution Four 1.00 0.00 <td></td> <td>083</td> <td>=</td> <td>EO</td> <td>Hith Effects Air Pollution Fou</td> <td></td> <td>0.01</td> <td>0.00</td> <td>0.01</td> <td>3,384</td> <td>(612)</td> <td>2,772</td> <td>la</td>		083	=	EO	Hith Effects Air Pollution Fou		0.01	0.00	0.01	3,384	(612)	2,772	la
18 PRA HIND Rifectar A Prolution Four Health Rifects A Prolution Four Health Rife A Advisory Group Four Health Rife A Advisory Group Four Health Rife A Advisory Group Four Health Rife A Advisory Group Four Health Rife A Advisory Group Four Health Rife A Advisory Group Four Health Rife A Advisory Group Four Health Rife A Advisory Group Four Health Rife A Advisory Group Four Health Rife A Advisory Group Four Health Rife A Advisory Group Four Health Rife A Advisory Group Four		083	=	FIN	Hith Effects Air Pollution Fou	Health Effects Air Poll Foundation Support	0.02	0.00	0.02	2,958	62	3,020	la
144 1 FPA Climate/Energy/Incentives GirlG/Climate Clavage Support 0.55 0.00 0.50 9.03 4.28 4.28 9.5.128 275 1 EPA Climate/Energy/Incentives GirlG/Climate Clavage Support 1.72 0.00 0.50 9.08 8.1.24 9.5.128 275 1 EPA Covering Exact Activates Clavage Support 1.72 0.00 0.10 9.03 0.01 0.00 9.03 0.10 9.03 0.10 9.03 0.10 9.03 0.10 0.10 9.03 0.10 0			=	PRA	Hith Effects Air Pollution Fou	Health Effects Air Poll Foundation Support	0.10	0.00	0.10	18,166	860	19,026	la,II,IV
148 I EP Climate/Encept/Incentives GHAG/Committee Support 1.25 0.00 0.50 0.83.02 1.52.02			-	PRA	Climate/Energy/Incentives	GHG/Climate Change Policy Development	0.50	0.00	0.50	90,830	4,298		IV,XVII
275 1 EO Concultage Station Pack Advisory Group/Home Rule Geoarding Station 47.2 0.0 1.72 58.1.9 (105,100) 47.5 276 1 57A Advisory Group/Home Rule Geoverning Board Activities Geoverning Board Activities 40.0 0.05 0.00 0.50 1.75 40.0 0.05 2.60 0.00 0.50 2.60 1.75 0.00 0.50 0.00 0.50			-	EP	Climate/Energy/Incentives	GHG/Climate Change Support	0.50	0.00	0.50	88,124	5,308		II,IX
276 1 PRA Advisory Group/Technology Adva Technology Advisory Group/Technology Adva Technology Advasory Group/Technology Advasory Group Supplementation 0.05 0.01 0.10 0.10 0.11<		275	-	EO	Governing Board	Board/Committee Support	1.72	0.00	1.72	581,979	(105,190)	476,789	la
276 1 STA Advesory Group/Technology Adva Tech Adv Advisory Group/Sationary Source Committees 0.05 0.00 0.10 1.57.8 44.00E 2.57.8 44.00E 2.57.8 44.00E 2.57.8 45.718			-	PRA	Advisory Group/Home Rule	Governing Board Advisory Group	0.50	-0.40	0.10	90,830	(71,804)	19,026	la
276 1 EP Board Committees Admin/Stationary Source Committees 0.05 0.25 4.002 2.564 4.6716 277 1 FRA Advisory Committees Admin/Stationary Source Committees 0.00		276	-	STA	Advisory Group/Technology Adva	Tech Adv Advisory Group Supp	0.02	0.00	0.05	8,703	412	9,115	XVII
276 I CE Board Committees Admin/Stationary Source Committee O.10 0.00 0.10 0.15,810 9.66 16,776 277 1 PRA Advisory Group/Sci, Tech, Model Governing Board AQNP Advisory Group 0.00 0.00 0.00 0.40 0.564 3,438 75,128 280 1 PRA Advisory Group/Sci, Tech, Model Scientific Tech, Model Breakey 0.00 0.40 0.00 0.40 0.00 0.40 0.50 0.55 0.00 0.40 0.50 0.52 0.00 0.50 0.52 0.00 0.50 0.52 0.00 0.50 0.52 0.00 0.50 0.52 0.00 0.50 0.52 0.00 0.50 0.52 0.00 0.50 0.52 0.00 0.50 0.52 0.00 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50		276	-	EP	Board Committees	Admin/Stationary Source Committees	0.25	0.00	0.25	44,062	2,654		la
277 1 PRA Advisory Group/AOMP Governing Board AOMP Advisory Group And Advisory Group Advisory Group Advisory Group Advisory Group And Advisory Group A		276	-	CE	Board Committees	Admin/Stationary Source Committee	0.10	0.00	0.10	15,810	996	16,776	la
238 1 PRA Advisory Group/SciTech/Model Peer Rev 0.40 0.40 72.664 3.438 76.102 280 1 LPA Advisory Group/SciTech Model Ceer Mackary Group 0.40 0.74 32.948 (1.083) 9.1365 283 1 LPA Advisory Group/SciTech Comm 68 Ethinic Comm Advisory Group/Staff Support 0.50 0.00 0.50 92.948 (1.083) 9.1365 283 1 LPA Goods Morring Board Policy 81d support Comp Staff Support 0.00 0.50 0.50 0.50 92.948 (1.083) 9.1365 384 1 LPA Goods Morring Board Policy 0.00 0.50 0.00 0.51 0.00 0.51 0.00 0.51 0.00 0.51 0.00 0.51 0.00 0.51 0.00 0.51 0.00 0.51 0.00 0.52 0.00 0.52 0.00 0.00 0.51 0.52 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 <td< td=""><td></td><td>277</td><td>-</td><td>PRA</td><td>Advisory Group/AQMP</td><td>Governing Board AQMP Advisory Group</td><td>0.50</td><td>0.00</td><td>0.50</td><td>90,830</td><td>4,298</td><td></td><td>XI'II</td></td<>		277	-	PRA	Advisory Group/AQMP	Governing Board AQMP Advisory Group	0.50	0.00	0.50	90,830	4,298		XI'II
280 I DA Advisory Group/Ethnic Comm GB Ethnic Comm Advisory Group 73,492 (1,683) 73,492 281 I I PA Advisory Group/Ethnic Comm GB Ethnic Comm Advisory Group 6.05 0.00 0.55 92,948 (1,083) 91,865 283 I I PA Government Board Policy Small Support 0.00 0.55 102,248 (1,083) 91,865 383 I I PA Government Board Policy Small Support 0.00 0.00 0.55 102,248 (1,083) 91,865 381 I I PA Goods Monte Erinandal Incentive Goods Monte Erinandal Incentive 0.00 0.00 0.01 105,94 2,157 105,14 381 I ED Intergency Legislation Draft Legislation Policy Monte Erinandal Incentives 0.03 0.00 0.25 54,074 4,121 10,163 410 I ED Legislation Flexed English Shape Sylval Polymore Position Polymore		278	-	PRA	Advisory Group/Sci,Tech,Model	Scientific/Tech/Model Peer Rev	0.40	0.00	0.40	72,664	3,438		II,IX
281 I DA Advisory Group/Small Business SBA Advisory Group/Staff Support 0.50 0.05 0.05 10.243 (1.1082) 91.865 283 I I IAA Advisory Group/Small Business BAA Advisory Group Staff Support 0.55 10.02 0.55 10.243 (1.192) 10.1022 381 I LPA Governing Board Policy Browning Brand Policy Browning Brand Policy 1.00 0.01 1.00 1.02 1.02433 (1.192) 19.6514 381 I EQ Interagency Liaison Draft Legis/Stafon Position/Marker 0.03 0.00 0.71 240,235 (43,422) 19.6281 410 I EG Legislation Train Legis/Stafon Position/Marker 0.03 0.00 0.71 240,235 (43,422) 19.6281 410 I EG Legislation/Federal Cobying/Analyees/Tracking/Out 0.03 0.00 0.25 71,1,604 (54,21 11.063 411 I LPA Legislation/Federal		280	-	LPA	Advisory Group/Ethnic Comm	GB Ethnic Comm Advisory Group	0.40	0.00	0.40	74,359	(867)	73,492	II,IX
283 1 PA Governing Board Policy Bird sup/Respond to GB req 0.55 0.00 0.55 10.243 (1.192) 10.1022 345 11 I PA Goods Numr&Ennatal Incentive Gloods Numr&Ennatal Incentive Gloods Numr&Ennatal Incentive 1.00 0.00 1.00 0.00 <td< td=""><td></td><td>281</td><td>-</td><td>LPA</td><td>Advisory Group/Small Business</td><td>SBA Advisory Group Staff Support</td><td>0.50</td><td>0.00</td><td>0:20</td><td>92,948</td><td>(1,083)</td><td>91,865</td><td>IV,IX</td></td<>		281	-	LPA	Advisory Group/Small Business	SBA Advisory Group Staff Support	0.50	0.00	0:20	92,948	(1,083)	91,865	IV,IX
I PA Goods Mvmt&Financial Incentive Goods Movement & Financial Incentives Progr 100 100 1100 185,887 (2,167) 183,730 183,730 18,844 196,814 196,814 196,814 100,01 100,		283	-	LPA	Governing Board Policy	Brd sup/Respond to GB req	0.55	0.00	0.55	102,243	(1,192)	101,052	la
381 I EO Interagency Liaison Local/State/Fed Coord/Interact 0.71 0.00 0.71 240,235 (43,422) 196,814 404 I EG Legial Rep/Legislation Draft Legis/SXGAMD Position/Migs; New/Current Leg 0.05 0.00 0.02 5,4074 2,15 56,289 410 I EO Legislation Testinon/Migs/New/Current Leg 0.00 0.00 0.00 0.00 4,121 91,148 410 I STA Legislation/Federal Lobbying/Analyses/Tracking/Out 0.00 0.00 0.05 71,604 (54.2) 45,334 412 I LPA Legislation/Federal Lobbying/Analyses/Tracking/Out 0.05 0.00 0.25 71,604 (54.2) 45,334 413 I LPA Legislative Activities Lobbying/Analyses/Tracking/Out 0.03 0.00 0.25 71,604 (54.2) 45,133 15,638 415 I LPA Legislative Activities Lobbying/Analyses/Tracking/Out 0.00 <t< td=""><td></td><td>345</td><td>=</td><td>LPA</td><td>Goods Mvmt&Financial Incentive</td><td>Goods Movement & Financial Incentives Progr</td><td>1.00</td><td>0.00</td><td>1.00</td><td>185,897</td><td>(2,167)</td><td>183,730</td><td>×</td></t<>		345	=	LPA	Goods Mvmt&Financial Incentive	Goods Movement & Financial Incentives Progr	1.00	0.00	1.00	185,897	(2,167)	183,730	×
404 1 LEG Legal Rep/Legislation Draft Legis/SCAQMD Position/Mtgs 0.05 0.05 54,074 2,215 56,289 410 I FO Legislation Testimony/Mtgs:New/Current Leg 0.03 0.03 10,111 (1,835) 8,316 410 I SA Legislation 10,00 0.25 0.00 0.25 71,1604 42,12 71,1063 413 I SA Legislation/Federal Lobbying/Analyses/Tracking/Out 0.25 0.00 0.25 74,474 (542) 71,1603 414 I LPA Legislation/Federal Lobbying/Analyses/Tracking/Out 0.25 0.00 0.25 46,474 (542) 71,063 414 I LPA Legislative Activities Lobbying/Analyses/Tracking/Out 0.00 0.25 0.00 0.25 74,474 (542) 71,063 415 I LPA Legislative Activities Lobbying/Analyses/Tracking/Out 0.00 0.00 0.25 0.00 0.25 0.01 <td></td> <td>381</td> <td>-</td> <td>EO</td> <td>Interagency Liaison</td> <td>Local/State/Fed Coord/Interact</td> <td>0.71</td> <td>0.00</td> <td>0.71</td> <td>240,235</td> <td>(43,422)</td> <td>196,814</td> <td>la,IX</td>		381	-	EO	Interagency Liaison	Local/State/Fed Coord/Interact	0.71	0.00	0.71	240,235	(43,422)	196,814	la,IX
410 I EO Legislation Testimony/Mtgs:New/Current Leg 0.03 0.03 0.05 0.05 4.121 (1,835) 8,316 410 I STA Legislation Support Pollution Reduction thru Legislatio 0.50 0.50 0.50 8,702 4,121 91,148 412 I LPA Legislation/Federal Lobbying/Analyses/Tracking/Out 0.05 0.00 0.25 46,474 (542) 45,984 413 I LPA Legislation-Effects Lobbying/Analyses/Tracking/Out 0.00 0.03 0.00 0.03 258,718 (10,173) 156,984 416 I LPA Legislation-Effects Lobbying/Analyses/Tracking/Out 0.00 0.03 0.01 0.15 0.00 0.03 258,718 (10,173) 156,884 416 I LPA Legislative Activities Supp/Promote/Influence Legis/Adm 0.00 0.00 0.01 0.15 0.00 0.05 0.03 45,794 46,718 416 I <td></td> <td>404</td> <td>-</td> <td>LEG</td> <td>Legal Rep/Legislation</td> <td>Draft Legis/SCAQMD Position/Mtgs</td> <td>0.25</td> <td>0.00</td> <td>0.25</td> <td>54,074</td> <td>2,215</td> <td></td> <td>II,IX</td>		404	-	LEG	Legal Rep/Legislation	Draft Legis/SCAQMD Position/Mtgs	0.25	0.00	0.25	54,074	2,215		II,IX
410 1 STA Legislation Support Pollution Reduction thru Legislatio 0.50 0.00 0.55 87,027 4,121 91,148 412 1 LPA Legislation/Federal Lobbying/Analyses/Tracking/Out 0.25 0.00 0.25 71,664 (542) 71,063 413 1 LPA Legislation/Federal Lobbying/Analyses/Tracking/Out 0.05 0.00 0.25 71,604 (542) 71,063 414 1 LPA Legislation-Effects Lobbying/Analyses/Tracking/Out 0.00 <t< td=""><td></td><td>410</td><td>-</td><td>EO</td><td>Legislation</td><td>Testimony/Mtgs:New/Current Leg</td><td>0.03</td><td>0.00</td><td>0.03</td><td>10,151</td><td>(1,835)</td><td>8,316</td><td>la,IX</td></t<>		410	-	EO	Legislation	Testimony/Mtgs:New/Current Leg	0.03	0.00	0.03	10,151	(1,835)	8,316	la,IX
412 1 LPA Legislation/Federal Lobbying/Analyses/Tracking/Out 0.25 0.00 0.25 71,604 (542) 71,063 413 I LPA Legislation/Federal Coord Legis w/ EO, EC, Mgmt 0.25 0.00 0.25 46,474 (542) 45,933 414 I LPA Legislation-Effects Lobbying/Paramote/Influence Legis/Adm 0.00 0.00 0.03 10,151 (1,33) 8,316 416 I EO Legislative Activities Lobbying: Supp/Promote/Influence Legis/Adm 0.10 0.00 0.01 0.10 0.10 0.15 0.00 0.05 0.00 0.05 0.00 0.05 0.00 <td></td> <td>410</td> <td>-</td> <td>STA</td> <td>Legislation</td> <td>Support Pollution Reduction thru Legislatio</td> <td>0.50</td> <td>0.00</td> <td>0.50</td> <td>87,027</td> <td>4,121</td> <td>91,148</td> <td>XVII</td>		410	-	STA	Legislation	Support Pollution Reduction thru Legislatio	0.50	0.00	0.50	87,027	4,121	91,148	XVII
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416 I EO Legislative Activities Supp/Promote/Influence Legis/Adm 0.03 0.03 0.01 0.15 10,151 (1,835) 8,316 416 I LEG Legislative Activities Lobbying: Supp/Promote/Influence Legis/Adm 0.10 0.00 0.10 0.10 0.10 0.10 45,63 886 22,515 416 I LEG Legislative Activities Supp/Promote/Influence Legis/Adm 0.50 0.00 0.50 45,7948 98,917 556,865 416 I LPA Legislative Activities Legislative Activities Legislative Activities 0.25 0.00 0.25 44,062 2,654 46,716 416 I LPA Legislative Activities Edits,Brds,Talk shows,Commercl 5.60 0.00 5.60 0.10 21,633 44,062 2,654 46,716 494 I LPA Outreach/Collateral/Media Edits,Brds,Talk shows,Commercl 5.60 0.00 5.60 0.10 21,633 44,062 2,654 46,71		414	-	LPA	Legislation-Effects	Lobbying/Analyses/Tracking/Out	0.80	0.00	08.0	258,718	(101,733)	156,984	la,IX
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717 II LEG Student Interns Gov Board/Student Intern Program 0.10 0.00 0.10 0.16 21,630 886 22,515 717 II PRA Student Interns Gov Bd/Student Interns 0.10 0.00 0.10 0.00 0.10 18,5373 18,373 717 II LPA Student Interns Gov Board/Student Intern Program 0.10 -0.10 0.00 15,810 (15,810) -1			-	LPA	Outreach/Collateral/Media	Edits, Brds, Talk shows, Commercl	2.60	0.00	5.60	1,205,739	(12,133)	1,193,606	la
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717 II CE Student Interns Gov Board/Student Intern Program 0.10 -0.10 0.00 15,810 (15,810) -			=	LPA	Student Interns	Student Interns	0.10	0.00	0.10	18,590	(217)	18,373	la
			=	CE	Student Interns	Gov Board/Student Intern Program	0.10	-0.10	0.00	15,810	(15,810)	-	la

				FTES		FTEs	Expenditures		Expenditures	Revenue
ogram	Program		Activities	FY 2021-22	-/+	FY 2022-23	FY 2021-22	-/+	FY 2022-23	Categories
Certification/R	EP Certification/Registration Pro Certification/Registra	Certification/Registra	egistration Prog	1.00	0.00	1.00	\$ 176,248 \$	\$ 10,617	\$ 186,864	=
	EP ERC Appl Processing Process ERC Application	Process ERC Application	suc	3.50	0.00	3.50	616,867	37,158	654,025	=
peals Appeals: Permits & Denials	EP Hearing Board/Appeals Appeals: Permits & Der	Appeals: Permits & Der	ials	0.25	0.00	0.25	44,062	2,654	46,716	=

			П		П		П	П									П	П			_						\neg	\Box
	Revenue	Categories	Ш	Ш	Ш	Ш	II,III,V,XV	П	III,XV	Ξ	NX'III	III, IV, XV	Ш	Ш	Ш	Ш	N'III	IV,VI	Ш	Ν	11,111,1V,V,XV	Ш	VI,III,IV	AI,II	Ш	Ш	Ξ	≡
	Expenditures	FY 2022-23	\$ 186,864	654,025	46,716	148,666	467,161	93,432	9,482,350	22,515	2,335,805	747,457	186,864	747,457	52,480	887,606	18,230	1,121,120	3,438,304	93,432	725,735	63,804	476,504	11,258	314,879	11,258	3,363,558	186,864
		-/+	\$ 10,617 \$	37,158	2,654	(57,994)	26,541	5,308	565,896	988	132,707	42,466	10,617	42,466	1,358	50,429	824	50,693	195,344	5,308	(8,558)	2,885	27,072	443	8,148	443	191,096	10,617
	Expenditures	FY 2021-22	\$ 176,248	616,867	44,062	206,660	440,620	88,124	8,916,453	21,630	2,203,098	704,991	176,248	704,991	51,122	837,177	17,405	1,070,427	3,242,960	88,124	734,293	60,919	449,432	10,815	306,731	10,815	3,172,461	176,248
	FTEs	FY 2022-23	1.00	3.50	0.25	0.65	2.50	0.50	50.25	0.10	12.50	4.00	1.00	4.00	0.25	4.75	0.10	6.15	18.40	0.50	3.95	0.35	2.55	0.05	1.50	0.02	18.00	1.00
		-/-	00.00	0.00	00.00	-0.35	00.00	00.00	00.00	0.00	0.00	0.00	0.00	00.00	00.00	0.00	00.00	00.00	0.00	00.00	00.00	00.00	0.00	00.00	0.00	0.00	00.00	0.00
gory	FTEs	FY 2021-22	1.00	3.50	0.25	1.00	2.50	0.50	50.25	0.10	12.50	4.00	1.00	4.00	0.25	4.75	0.10	6.15	18.40	0.50	3.95	0.35	2.55	0.05	1.50	0.02	18.00	1.00
Work Program by Category		Activities	Certification/Registration Prog	Process ERC Applications	Appeals: Permits & Denials	Review Model Permit/Risk Assmt	Implement NSR/Allocate ERCs	Edit/Update NSR Data	PP: Non TitlV/TitlII/RECLAIM	Legal Advice: Permit Processing	Facility Data-Create/Edit	Process RECLAIM Only Permits	Process Title III Permits	Proc Expedited Permits (3010T)	Permit Streamlining	Permit Streamlining	Eval Test Protocols/Cust Svc	Eval Test Protocols/Compliance	Process RECLAIM & TV Permits	Rule 222 Filing Program	Asst sm bus to comply/SCAQMD req	Assist EAC w/ Permit Process	Assist IM: Design/Review/Test	Leg Advice: Title V Prog/Perm Dev	Dev/Maintain Title V Program	Leg Advice: New Source Title V Permit	Process Title V Only Permits	Title V Administration
		Program	Certification/Registration Pro	ERC Appl Processing	Hearing Board/Appeals	Permit & CEQA Modeling Review	NSR Implementation	NSR Data Clean Up	Perm Proc/Non TV/Non RECLAIM	Permit Processing/Legal	Permit Services	RECLAIM Non-Title V	Perm Proc/Title III (Non TV)	Perm Proc/Expedited Permit	Permit Streamlining	Permit Streamlining	Protocols/Reports/Plans	Protocols/Reports/Plans	RECLAIM & Title V	Rule 222 Filing Program	Small Business/Permit StreamIn	Permit Processing/Support E&C	Perm Proc/IM Programming	Title V	Title V	Title V Permits	TV/Non-RECLAIM	Title V – Admin
		Office	EP	EP	EP	PRA	EP	EP	EP	LEG	EP	EP	EP	EP	M	EP	STA	STA	EP	EP	LPA	STA	EP	LEG	M	LEG	EP	EP
		Goal	_	_	_	-	_	-	-	_	-	-	-	_	Ξ	_	_	_	_	-	-	-	-	-	-	_	-	_
	Program	Code	120	253	367	461	475	476	515	516	517	518	519	521	523	523	545	546	607	643	089	725	728	770	770	772	774	775
	Pr	#	1 50	2 50	3 50	4 26	5 50	6 50	7 50	8 08	9 50	10 50	11 50	12 50	13 27	14 50	15 44	16 44	17 50	18 50	19 35	20 44	21 50	22 08	23 27	24 08	25 50	26 50
																									7:	 o		_

Total Timely Review of Permits	138.20	(0.35)	137.85 \$	\$ 24,528,921	\$1,355,424 \$	25,884,345
Total South Coast AQMD	957.00	13.00	970.00 \$ 17	970.00 \$ 179,883,401 \$9,279,408	\$9,279,408	189,162,810

Below are descriptions of the activities related to the Work Program.

AAA-Irvine Activities (All American Asphalt Activities) – South Coast AQMD investigation of AAA-Irvine Activities to address odor complaints from the facility lodged by local residents.

AB 134 – under the Community Air Protection Program, funding from CARB is distributed to air districts for the implementation of projects pursuant to the Carl Moyer Memorial Air Quality Standards Attainment Program. (See Carl Moyer Program).

AB 617 – Community Air Protection Program (to improve air quality in disadvantaged communities with high cumulative exposure through monitoring and emission reduction plans.

AB 1318 Mitigation - an eligible electrical generating facility shall pay mitigation fees for the transfer of emission credits from South Coast AQMD's internal emission credit accounts. Mitigation fees shall be used to finance emission reduction projects, pursuant to the requirements of AB 1318.

AB 2766 (Mobile Sources, MSRC) - programs funded from motor vehicle registration fees. The activities include: evaluation, monitoring, technical assistance, and tracking of AB2766 Subvention Fund Program progress reports including cost-effectiveness and emissions reductions achieved; supporting programs implemented by the Mobile Source Review Committee (MSRC); disbursing and accounting for revenues subvened to local governments; and performing South Coast AQMD activities related to reduction of emissions from mobile sources.

Acid Rain Program - developing and implementing the Continuous Emissions Monitoring (CEMS) Program in compliance with 40 CFR Part 75 of the Clean Air Act.

Administration/South Coast AQMD - supporting the administration of South Coast AQMD. Examples are tracking fixed assets, operating the mailroom, preparing and reviewing contracts, conducting oversight of South Coast AQMD activities, developing District-wide policies and procedures, preparing the South Coast AQMD budget, providing legal advice on South Coast AQMD programs and other activities, and performing activities in support of South Coast AQMD as a whole.

Admin/South Coast AQMD Capital Assets (Asset Management) – tracking of acquisitions, disposals/retirements and reconciliation of capital assets to the Capital Outlays account, and conducting annual lab and biennial asset inventories.

Administration/Office Management - supporting the administration of an organizational unit or a unit within an Office. This includes preparing Office budgets, tracking programs, providing overall direction and coordination, providing program management and integration, preparing policies and procedures manuals, and preparing special studies and projects.

Advisory Group – providing support to various groups such as: AQMP (Air Quality Management Plan), Environmental Justice, Home Rule, Local Government and Small Business Assistance, Technology Advancement, and Permit Streamlining Task Force.

Air Filtration - installation of high-efficiency air filtration devices in schools with the goal of reducing children's exposure to particulate matter in the classroom.

Air Quality Evaluation - analyzing air quality trends and preparing the Reasonable Further Progress (RFP) report.

Ambient Air Analysis/Ambient Network (Audit, Data Reporting, Special Monitoring) – complying with Federal regulations to monitor air quality for criteria pollutants at air monitoring stations to determine progress toward meeting the federal ambient air quality standards. This includes operating South Coast AQMD's air monitoring network and localized monitoring at landfill sites as well as conducting specialized monitoring in response to public nuisance situations. South Coast AQMD monitoring stations also collect samples which are analyzed by South Coast AQMD's laboratory. Also see Special Monitoring.

Ambient Lead Monitoring – maintaining the current ambient lead monitoring network to meet federal monitoring requirements.

Annual Emission Reporting (AER) – implementing the AER Program and tracking actual emissions reported by facilities, conducting audits of data, handling refunds, and preparing inventories and various reports.

Annual Emission Reporting Program Public Assistance - providing public assistance in implementing South Coast AQMD's AER program by conducting workshops, resolving feerelated issues, and responding to questions.

AQIP Evaluation – provides incentive funding for projects to meet VOC, NOx, and CO emission targets with funds generated from companies who pay fees in lieu of carpool programs. Projects are funded through a semi-annual solicitation process.

AQMP (Air Quality Management Plan) – Management Plan for the South Coast Air Basin and the Interagency AQMP Implementation Committee.

Air Quality Sensor Performance Evaluation Center (AQ-SPEC) - program to test commercially available, low-cost air quality sensors.

Architectural Coatings — Rule 314 requires architectural coatings manufacturers which distribute and/or sell their manufactured architectural coatings within South Coast AQMD for use in the South Coast AQMD to submit an Annual Quantity and Emissions Report. To recover the cost of the program, a fee is assessed to these manufacturers. The fee is based on the quantity of coatings sold as well as the cumulative emissions from the quantity of coatings distributed or sold for use in the South Coast AQMD.

Area Sources/Compliance – developing rules and compliance programs, as well as alternatives to traditional permitting for smaller sources of emissions of VOCs and NOx.

Auto Services - maintaining South Coast AQMD's fleet of automobiles, trucks, and vans as well as providing messenger services as needed.

Billing Services - administering South Coast AQMD's permit billing system, responding to inquiries, and resolving issues related to fees billed.

Board Committees - participation in Governing Board committees by preparing materials, presenting information on significant or new programs and providing technical expertise.

Building Corporation - managing the South Coast AQMD Building Corporation. The Building Corporation issued Installment Sale Revenue Bonds in conjunction with the construction of South Coast AQMD's Diamond Bar headquarters facility.

Building Maintenance - maintaining and repairing the Diamond Bar Headquarters facility and South Coast AQMD air monitoring sites.

Business Services – overseeing operation of Facilities Services, Automotive Services, Print Shop and Mail/Subscriptions Services; negotiating and administering leases for the Diamond Bar facility, Long Beach Office, and air monitoring stations.

California Natural Gas Vehicle Partnership – strategic, non-binding partnership formed to work together in developing and deploying natural gas vehicles and implementing a statewide natural gas infrastructure.

Call Center - operates the 24-hour radio communication system via telephone between South Coast AQMD headquarters and the public/field staff.

Capture and Control – South Coast AQMD is partnering with others to develop a capture and control system to demonstrate that the commercially available capture and control technologies currently used by container vessels can be adapted for oil tanker vessels at berth.

CARB Oil & Gas - Memorandum of Agreement (MOA) with CARB to coordinate the enforcement of CARB's Oil and Natural Gas Regulation for the implementation and enforcement of greenhouse gas emission standards for crude oil and natural gas facilities pursuant to California Health and Safety Code section 40701.

CARB/CEC Pilot Project (JETSI) - South Coast AQMD announced the Joint Electric Truck Scaling Initiative (JETSI), a clean technology demonstration project that will deploy 100 battery-electric regional haul and drayage trucks throughout California.

CARB PERP (Portable Equipment Registration Program) – a program established by CARB allowing the operation of portable equipment in any air district throughout the state without individual local district permits. Amended to enhance enforceability and expand CARB's requirements for portable engines and equipment units, creating a more comprehensive and inclusive statewide registration program that now provides for triennial inspection and renewal of PERP registration.

Carl Moyer Program – provides incentive funding for the repower, replacement, or purchase of new heavy-duty vehicles and equipment beyond the emission limits mandated by regulations. Awards are granted through an annual solicitation process. Separate program announcements are also issued for pre-1990 diesel Class 7 or 8 truck fleet and ports truck fleet modernization programs. Also see Mobile Sources.

Carson H2S Event 21 (Carson-Dominguez Channel H2S 21) – South Coast AQMD investigation into odors from the Dominguez Channel seeks to address numerous complaints lodged by L.A. County residents.

Case Disposition - resolving Notices of Violation (NOV) issued by South Coast AQMD inspectors. This includes preparing both civil and criminal cases and administering South Coast AQMD's Mutual Settlement Agreement Program.

Cash Management – receiving revenue, posting of payments, processing of refunds associated with South Coast AQMD programs and bank and preparing cash reconciliations.

CEMS Certification (Continuous Emissions Monitoring System) - evaluating, approving, and certifying the continuous emissions monitoring systems installed on emissions sources to ensure compliance with South Coast AQMD rules and permit conditions.

CEQA Document Projects/Special Projects (California Environmental Quality Act) - reviewing, preparing, assessing, and commenting on projects which have potential air quality impacts.

Certification/Registration Program – manufacturers can voluntarily apply to have standard, off-the-shelf equipment certified by **South Coast AQMD** to ensure that it meets all applicable requirements.

China Partnership for Cleaner Shipping - initiative with China to encourage cleaner ships to come to the Ports.

Classification and Pay – maintaining the classification plan and conducting job analyses to ensure South Coast AQMD positions are allocated to the proper class and conducting compensation studies to ensure classes are appropriately compensated and salaries remain competitive in the workforce.

Clean Air Connections — increase awareness of air quality issues and South Coast AQMD's programs and goals by developing and nurturing a region-wide group of community members with an interest in air quality issues.

Clean Fuels Program – accelerate the development and deployment of advanced, low emission technologies, including, but not limited to electric, hydrogen, and plug-in hybrid electric vehicles, low emission heavy-duty engines, after treatment for off-road construction equipment and identification of tailpipe emissions from biofuels.

Climate/Energy/Incentives — developing and evaluating policy and strategy related to local, state, federal and international efforts on climate change. Seek to maximize synergies for criteria and toxic reduction and minimize and negative impacts.

Compliance – ensuring compliance of clean air rules and regulations through regular inspection of equipment and facilities, as well as responding to air quality complaints made by the public.

Compliance/Notice of Violation (NOV) Administration – NOV processing and review for preparation for assignment to Mutual Settlement Agreement (MSA), civil, or criminal handling.

Computer Operations - operating and managing South Coast AQMD's computer resources. These resources support South Coast AQMD's business processes, air quality data, and modeling activities and the air monitoring telemetry system. Also see Systems Maintenance.

Conformity - reviewing of federal guidance and providing input on conformity analysis for the Regional Transportation Improvement Program (RTIP). Staff also participates in various Southern California Association of Governments (SCAG) meetings, the Statewide Conformity Working group, and other meetings to address conformity implementation issues. Staff participates in the federal Conformity Rule revision process, and monitors and updates Rule 1902, Transportation Conformity, as needed.

Credit Generation Programs (Intercredit Trading) — rulemaking and developing and implementing a program that expands emission credit trading by linking South Coast AQMD's stationary and mobile source credit markets.

Criteria Pollutants/Mobile Sources – coordinating the implementation of the AQMP and conducting feasibility studies for mobile source categories; developing control measures and amended rules as warranted.

1-800-CUT-SMOG - The Call Center handles (1-800-CUT-SMOG) calls from drivers who identify a vehicle emitting excessive amounts of exhaust smoke.

Database Information Support – day-to-day support of ad hoc reports and bulk data updates required from South Coast AQMD's enterprise databases.

Database Management - developing and supporting the data architecture framework, data modeling, database services, and the ongoing administration of South Coast AQMD's central information repository.

DB/Computerization – developing laboratory instrument computer systems for data handling and control, evaluating the quality of the stored information. Further develop and maintain the Source Test Information Management System (STIMS).

DERA (Diesel Emission Reduction Act) – a U.S. EPA funded program to modernize diesel fleets by retrofitting and replacing diesel engines/vehicles with cleaner, more efficient options.

Economic Development/Business Retention – meeting with various governmental agencies to assist company expansion or retention in the Basin.

EJ-AQ Guidance Document (Environmental Justice-Air Quality Guidance Document) – providing outreach to local governments as they update their general plans and make land use decisions. Providing updates to the reference document titled "Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning."

Emergency Response - responding to emergency air pollution (toxic) incidents, providing air quality monitoring support to local authorities.

Emission Reduction Credit Application Processing – processing applications for Emission Reduction Credits (ERC).

Emissions Inventory Studies – developing major point source emissions data and area source emissions inventory, updating emissions factors, developing and updating control factors, performing special studies to improve emission data, and responding to public inquiries regarding emission data.

Employee Benefits – administering South Coast AQMD's benefit plans, including medical, dental, vision, and life insurance, as well as State Disability Insurance, Section 125 plan, Long Term Care and Long Term Disability plans, Section 457 Deferred Compensation Plan, and Consolidated Omnibus Budget Reconciliation Act (COBRA) program.

Employee Relations – managing the collective bargaining process, administering Memorandum Of Understanding (MOU's), preparing disciplinary documents, and administering South Coast AQMD's performance appraisal program, Family and Medical Leave Act (FMLA) requests, tuition reimbursement, and outside training requests.

Employee/Employment Law – handling legal issues dealing with employment law in coordination with outside counsel.

Enhanced Fleet Modernization Program (Replace Your Ride) Admin Support – CARB-funded voluntary car retirement and replacement incentive program. The goal is to incentivize lower-income motorists to scrap their older, high-emitting cars and replace them with newer, cleaner, and more fuel-efficient cars to reduce smog-forming pollutants.

Enforcement Litigation – staff attorneys pursue enforcement litigation including actions for civil penalties or injunctions when violations have not been settled or circumstances otherwise dictate.

Environmental Education - informing and educating the public about air pollution and their role in bringing clean air to the basin.

Environmental Justice (EJ) - a strategy for equitable environmental policymaking and enforcement to protect the health of all persons who live or work in the South Coast District from the health effects of air pollution regardless of age, culture, ethnicity, gender, race, socioeconomic status, or geographic location. The Environmental Justice Initiatives help to identify and address potential areas where citizens may be disproportionately impacted by air pollutants and ensure clean air benefits are afforded to all citizens and communities of the region.

EPA-Com-Mobile Monitoring (EPA Community Scale Mobile Monitoring) – EPA grant funding for the design and development of a platform for highly time-resolved mobile measurements of air toxics.

Equal Employment Opportunity — ensuring non-discrimination and equal employment for employees and applicants through broad-based, targeted advertising; training interviewers to ensure fairness in evaluating candidates; ensuring that selection processes and testing instruments are appropriate and job-related; coaching supervisors and managers regarding hiring processes; and gathering data and preparing related staffing reports.

Facilities Services — monitoring service contracts, supporting tenants, overseeing conference center use, administering identification badges, overseeing building access control, maintaining key/lock systems, and configuring workspaces.

Facility-Based Mobile Source Measures (FBMSMs) – effort to begin implementation of the five FBMSMs (Warehouse Distribution Centers, Commercial Airports, New or Redevelopment Projects, Commercial Marine Ports, and Railyard & Intermodal Facilities) adopted in the 2016 AQMP to reduce emissions from facilities and ensure that these reductions are counted towards the region's emissions budget.

FARMER (Funding Agricultural Replacement Measures For Emission Reductions) - CARB funding for projects that will reduce agricultural sector emissions by providing grants, rebates, and other financial incentives for agricultural harvesting equipment, heavy-duty trucks, agricultural pump engines, tractors, and other equipment used in agricultural operations.

Fee Review – activities relating to conducting Fee Review Committee hearings for businesses that contest South Coast AQMD fees (Rule 313).

Financial Management - managing the financial aspects of the South Coast AQMD. This includes cash management, treasury/investment, accounting, and program and financial audits. It also includes maintaining South Coast AQMD's permit-related financial and accounting records as well as maintaining and enhancing South Coast AQMD's payroll and accounting systems.

Goods Movement and Financial Incentives – programs to evaluate the air quality issues associated with goods movement and traffic congestion, and for the identification of financial incentives for expedited facility modernization and diesel engine conversion.

Governing Board – supporting the operation of the Governing Board and advisory groups of the South Coast AQMD. These activities range from preparing the agenda and minutes to providing support services, legal advice, speeches, letters, and conference coordination.

Grants Management - coordinating, negotiating, monitoring, accounting, and reporting of South Coast AQMD's air pollution program and financial activities relating to grants, including U.S. EPA, DOE, CEC, and DHS grants and CARB Subvention.

Graphics Arts - designing and producing presentation materials and South Coast AQMD publications.

Green House Gas Reporting (GHG) - many of the businesses and facilities within South Coast AQMD's jurisdiction are required to report their GHG emissions to CARB under the regulation for Mandatory Reporting of Greenhouse Gases (state) and, beginning in 2011, to the U.S. EPA under their Mandatory Reporting Rule (federal).

Green House Gas Reduction Fund – CARB's Low Carbon Transportation Greenhouse Gas Reduction Fund (GGRF) Investment Program funds projects to demonstrate zero emission trucks.

Health Effects — conducting research and analyzing the health effects of air pollutants and assessing the health implications of pollutant reduction strategies; working with industry, trade associations, environmental groups, CARB and U.S. EPA and providing information to concerned citizens.

Hearing Board – supporting operation of South Coast AQMD's Hearing Board. These activities include accepting petitions filed; preparing and distributing notices; preparing minute orders, findings, and decisions of the Board; collecting fees; and general clerical support for the Board.

Incentive RFP Emissions Reduction Projects – the Board released an RFP to solicit stationary and mobile source projects that will result in emissions reductions of NOx, VOC, and PM in accordance with the approved control strategy in the 2016 AQMP. Project funding comes from

existing special revenue funds related to mitigation fees, settlements, or grants from other agencies.

Inclusion/Equity (Inclusion/Diversity/Equity) – South Coast AQMD established the Diversity, Equity and Inclusion Office to focus on the advancement of racial justice and equity both internally and externally, as part the overall goal to support communities of color and other historically underrepresented groups.

Indirect Source Rule Compliance (ISR) – Rule 2305 otherwise known as the Warehouse Indirect Source Rule (ISR). The rule requires warehouses greater than 100,000 square feet to directly reduce nitrogen oxide (NOx) and diesel particulate matter (PM) emissions, or to otherwise facilitate emission and exposure reductions of these pollutants in nearby communities.

Information Technology Services - implementing new information technologies to enhance operational efficiency and productivity. Examples include developing workflow applications, training and supporting computer end users, and migrating network operating systems.

Inspections - inspecting facilities and equipment that emit or have the potential to emit air pollutants.

Inspections/RECLAIM Audits – conducting RECLAIM inspections and audits at facilities subject to Regulation XX (RECLAIM).

Interagency Coordination/Liaison - interacting with state, local, and federal control agencies and governmental entities.

Intergovernmental/Geographic Deployment - influencing local policy development and implementing a local government clean air program.

Lawnmower Exchange – residents of the South Coast Air Basin may trade in their gas-powered lawnmower and purchase a new zero-emission, battery electric lawnmower at a significant discount.

Lead Agency Projects – South Coast AQMD permitting and rule development projects where a CEQA document is prepared and the South Coast AQMD is the lead agency.

Legal - providing legal support to South Coast AQMD in the areas of liability defense, writs of mandate, injunctions, and public hearings. This activity also includes reviewing contracts, and advising staff on rules, fees and other governmental issues.

Legislation - drafting new legislation, analyzing and tracking proposed legislation, and developing position recommendations on legislation which impacts air quality.

Library - acquiring and maintaining reference materials and documentation that support the South Coast AQMD's programs.

Lobby Permit Services – providing information and support to applicants to expedite permit processing. Includes consolidating forms, prescreening review for completeness of applications, providing internet access of certain forms, and providing "over-the-counter" permits in the lobby of South Coast AQMD's Diamond Bar headquarters.

MATES V (Fifth Multiple Air Toxics Exposure Study) – this study provides unique information on air toxics and their associated health risks based on long-term monitoring at ten fixed locations throughout the South Coast Air Basin (Basin) and a detailed emissions inventory and modeling analysis.

Mentorship Program - program is designed to connect people from across the South Coast AQMD organization, to allow staff to share and learn valuable knowledge and skills, and to provide an opportunity for employees to take a proactive role in their career development.

Meteorology - modeling, characterizing, and analyzing both meteorological and air quality data to produce the South Coast AQMD's daily air quality forecast.

Microscopic Analysis - analyzing, identifying, and quantifying asbestos for compliance with South Coast AQMD, state, and federal regulations.

Mobile Sources - transportation monitoring, strategies, control measures, demonstration projects, the Mobile Source Air Pollution Reduction Review Committee (MSRC), implementation of Fleet Rules, High Emitter Repair & Scrappage Program, and locomotive remote sensing.

Mobile Source and AQMP (Air Quality Management Plan) Control Strategies – provide technical assistance on the mobile source element of the AQMP.

Moyer Program – see Carl Moyer Program

Mutual Settlement Program - resolving civil penalties without court intervention; this program is a mechanism to resolve violations and avoid criminal proceedings.

National Air Toxics Trends Stations (NATTS) – through U.S. EPA funding, two sites in the monitoring network are utilized to collect ambient VOC and particulate samples. Samples are analyzed by the South Coast AQMD lab and reported to U.S. EPA where the data is used to determine toxic trends.

Near Roadway (NO₂) Monitoring – federal monitoring requirement that calls for state and local air monitoring agencies to install near-road NO₂ monitoring stations at locations where peak

hourly NO₂ concentrations are expected to occur within the near-road environment in larger urban areas.

Network Operations/Telecommunications – installing, maintaining, and providing operational support of South Coast AQMD's PC, voice, data, image, and radio networks; planning, designing, and implementing new network systems or services in response to South Coast AQMD's communications and business needs; and providing training, support, and application development services for end-users of voice and PC systems.

New Systems Development – providing support for computer systems development efforts.

New Source Review (NSR) - developing and implementing New Source Review rules; designing, implementing, and maintaining the Emission Reduction Credits and the NSR programs. These programs streamline the evaluation of permit renewal and emissions reporting.

OC Oil Spill 2021 (Orange County Oil Spill 2021) – to track monitoring and outreach costs associated with October 2021 Orange County Oil Spill.

Outreach - increasing public awareness of South Coast AQMD's programs, goals, permit requirements, and employment opportunities; interacting, providing technical assistance, and acting as liaison between South Coast AQMD staff and various sectors of private industry, local governments, small businesses, and visiting dignitaries.

Outreach Media/Communications - monitoring local and national press accounts, both print and broadcast media, to assess South Coast AQMD's outreach and public opinion on South Coast AQMD rules and activities. This also includes responding to media calls for informational background material on South Coast AQMD news stories.

Payroll - paying salaries and benefits to South Coast AQMD employees, withholding and remitting applicable taxes, and issuing W2s.

Permit Processing - inspecting, evaluating, auditing, analyzing, reviewing and preparing final approval or denial to operate equipment which may emit or control air contaminants.

Permit Streamlining – activities relating to reducing organizational costs and streamlining regulatory and permit requirements on businesses.

Photochemical Assessment Monitoring Systems (PAMS) - promulgating PAMS (a federal regulation), which requires continuous ambient monitoring of speciated hydrocarbons during smog season. Through U.S. EPA funding, ozone precursors are measured at seven stations and samples are collected.

PM Sampling Program (U.S. EPA) – daily collection of particulate samples

Port of Long Beach (POLB) Advanced Maritime Emission Control System (AMECS) Demo – funded by the Port of Long Beach, the proposed project will assess the performance and effectiveness of a barge-mounted emission control system to capture and treat hoteling emissions from ocean-going vessels (OGV) at berth at the Port of Long Beach.

Portable Equipment Registration Program (PERP) – see CARB PERP Program.

Position Control – tracking Board-authorized positions and South Coast AQMD workforce utilization, processing personnel transactions for use by Payroll, and preparing reports regarding employee status, personnel transactions, and vacant positions.

Print Shop – performing in-house printing jobs and contracting outside printing/binding services when necessary.

Procedure 5 Review – evaluation of asbestos plans which are required for the clean-up any disturbed asbestos containing materials.

Proposition 1B - providing incentive funding for goods movement and lower emission school bus projects with funds approved by voters in November 2006.

Protocols/Reports/Plans/LAP - evaluating and approving protocols, source testing plans and reports submitted by regulated facilities as required by South Coast AQMD rules and permit conditions, New Source Review, state and federal regulations; and evaluating the capabilities of source test laboratories under the Laboratory Approval Program (LAP).

Public Complaints/Breakdowns - responding to air pollution complaints about odors, smoke, dust, paint overspray, or companies operating out of compliance; responding to industry notifications of equipment breakdowns, possibly resulting in emission exceedances.

Public Education/Public Events – implementing community events and programs to increase the public's understanding of air pollution and their role in improving air quality.

Public Information Center - notifying schools and large employers of predicted and current air quality conditions on a daily basis and providing the public with printed South Coast AQMD information materials.

Public Notification – providing timely and adequate notification to the public of South Coast AQMD rulemaking workshops and public hearings, proposed rules, upcoming compliance dates, and projects of interest to the public.

Public Records Act - providing information to the public as requested and as required by Government Code, Section 6254.

Purchasing (Receiving, Stockroom) - procuring services and supplies necessary to carry out South Coast AQMD programs.

Quality Assurance – assuring the data quality from the Monitoring and Analysis Division meets or exceeds state and federal standards and also assuring the appropriateness of the data for supporting South Coast AQMD regulatory, scientific and administrative decisions.

RECLAIM/Admin Support – developing and implementing rules and monitoring emissions of the REgional CLean Air Incentives Market (RECLAIM) program, a market incentives trading program designed to help achieve federal and state ambient air quality standards in a cost-effective manner with minimal impacts to jobs or public health. The RECLAIM program will transition to a command and control regulatory structure.

RECLAIM and Title V – permit processing of applications from facilities that are both RECLAIM and Title V.

RECLAIM Non-Title V – permit processing of applications from RECLAIM facilities only.

Records Information Management Plan – providing the process to comply with internal and external requirements for the retention and retrieval of information pertinent to the mission and operation of the South Coast AQMD.

Records Services – maintaining South Coast AQMD's central records and files, converting paper files to images, and operating the network image management system; providing for all off-site long-term storage of records and for developing and monitoring South Coast AQMD's Records Retention Policy.

Recruitment and Selection – assisting South Coast AQMD management in meeting staffing needs by conducting fair and non-discriminatory recruitment and selection processes that result in qualified, diverse applicants for South Coast AQMD jobs; overseeing promotional and transfer processes and reviewing proposed staff reassignments.

Refinery Pilot Project – pursuant to the AQMP, a working group was formed to examine the efficacy of an alternative regulatory approach to reducing refinery emissions beyond the current requirements by establishing a targeted emission reduction commitment for each refinery for a set period of time and allow the use of on-site or off-site reduction strategies with acceptable environmental justice attributes.

Regional Modeling – designing, performing, and reviewing modeling and risk assessment analysis to assess the air quality impacts of new or modified sources of air pollution. Also see Meteorology.

Ridesharing - implementing South Coast AQMD's Rule 2202 Trip Reduction Plan.

Risk Management - developing and administering South Coast AQMD's liability, property, workers' compensation and safety programs.

Rule 1180 - adopted in December 2017, this rule requires real-time fenceline air monitoring systems and establishes a fee schedule to fund refinery-related community air monitoring systems that will provide air quality information to the public about levels of various criteria air pollutants, volatile organic compounds, metals and other compounds at or near the property boundaries of petroleum refineries and in nearby communities.

Rule 1610 – ensuring compliance with Rule 1610, Old-Vehicle Scrapping.

Rule 2202 ETC Training – administering and conducting monthly Rule 2202 implementation training classes, workshops and/or forums for the regulated public and other interested individuals.

Rule 222 Implement/Support/Filing Program – ensuring compliance with Rule 222 for equipment subject to a filing requirement with South Coast AQMD.

Rulemaking/Rules – developing new rules and evaluating existing South Coast AQMD and CARB rules and compliance information to assure timely implementation of the AQMP and its control measures.

Salton Sea Monitoring – maintaining the monitoring network for expected nuisance pollutants, primarily hydrogen sulfide, which are released from the Salton Sea area.

School Bus Lower Emission Program – funding to replace pre-1987 diesel school buses with new alternative fuel buses owned and operated by public school districts.

South Coast AQMD Mail – processing and delivering all incoming and outgoing mail.

South Coast AQMD Projects – South Coast AQMD permitting and rule development projects where a California Environmental Quality Act (CEQA) document is prepared and the South Coast AQMD is the lead agency.

School Siting – identifying any hazardous emission sources within one-quarter mile of a new school site as required by AB3205. District activities include reporting of criteria and toxic pollutant information and conducting inspections of permitted facilities within a quarter-mile radius of proposed schools.

Small Business Assistance - providing technical and financial assistance to facilitate the permit process for small businesses.

Socio-Economic - developing an economic database to forecast economic activity, analyzing economic benefits of air pollution control, and analyzing the social impact of economic activity resulting from air quality regulations and plans.

Source Education - providing classes to facility owners and operators to ensure compliance with applicable South Coast AQMD's rules and regulations.

Source Testing (ST) – conducting source tests as needed in support of permitting functions and to determine compliance with permit conditions and South Coast AQMD Rules. Additionally, data submitted by facilities is reviewed for protocol approval, CEMS certification, or test data acceptance.

Speaker's Bureau - training South Coast AQMD staff for advising local government and private industry on air quality issues.

Special Monitoring – performing special ambient air sampling at locations where public health, nuisance concern, or Rule 403 violations may exist; determining the impacts from sources emitting toxics on receptor areas; and performing special monitoring in support of the emergency response program and public complaints response. Also see Emergency Response.

Sample Analyses – analyzing samples submitted by inspectors to determine compliance with South Coast AQMD Rules. Samples are also analyzed in support of rule development activities.

Student Interns – providing mutually beneficial educational hands-on experience for high school and college students by providing them with the opportunity to engage in day-to-day work with mentoring professionals within South Coast AQMD.

Subscription Services - maintaining South Coast AQMD's rule subscription mailing list and coordinating the mailing of South Coast AQMD publications.

Sunshine Cyn Lndfll (Sunshine Canyon Landfill) – South Coast AQMD investigation of Sunshine Canyon Landfill seeks to address numerous odor complaints by local residents.

Systems Implementation PeopleSoft – implementing activities required to maintain an integrated Financial and Human Resources system, including additional features and functions introduced with scheduled software upgrades.

Systems Maintenance - routinely maintaining installed production data systems that support South Coast AQMD's business fluctuations, including minor modifications, special requests, fixes, and general maintenance.

Targeted Air Shed – funding from U.S. EPA to reduce air pollution in the nation's areas with the highest levels of ozone or particulate matter 2.5 ($PM_{2.5}$) exposure.

Technology Advancement - supporting the development of innovative controls for mobile and stationary sources, reviewing promising control technologies, and identifying those most deserving of South Coast AQMD developmental support.

Title III - permitting equipment that emits hazardous air pollutants in compliance with the federal Clean Air Act.

Title V - developing and implementing a permit program in compliance with the federal Clean Air Act.

Toxics/AB 2588 – evaluation of toxic inventories, risk assessments and risk reduction plans, with public notification as required. Analyzing, evaluating, reviewing, and making recommendations regarding toxic substances and processes and contributing input to District toxic rules and programs.

Training (Education, Organizational and Human Resources Development, Staff) - providing increased training in the areas of personnel education, computers, safety procedures, new programs, hazardous materials, and new technologies.

Transportation Regional Programs/Research – actively participating in Advisory Groups and Policy Committees involving the development and monitoring of South Coast AQMD's AQMP, Congestion Mitigation Air Quality Improvement Program (CMAQ), Safe Accountable Flexible Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), Transportation Control Measures (TCMs), and regional alternative commute mode programs.

Union Negotiations/Union Steward Activities – Union-related activities of union stewards including labor management negotiations and assisting in the filing of employee grievances.

VOC Sample Analysis - providing data and technical input for VOC rule development, performing analytical testing for compliance with South Coast AQMD rules regulating VOC content in coatings, inks, plastic foam, paint, adhesives, and solvents, and providing assistance and technical input to small businesses and other regulatory agencies, industry and the public.

Volkswagen (VW) Environmental Mitigation Trust – The Beneficiary Mitigation Plan for the Volkswagen (VW) Environmental Mitigation Trust identifies five funding categories for funded projects intended to mitigate the excess NOx emissions caused by VW vehicles.

Voucher Incentive Program (VIP) - incentive program designed to reduce emissions by replacing old, high-polluting vehicles with newer, lower-emission vehicles, or by installing a Verified Diesel Emission Control Strategy (VDECS).

Web Tasks – preparing and reviewing materials for posting to South Coast AQMD's internet and/or intranet website.

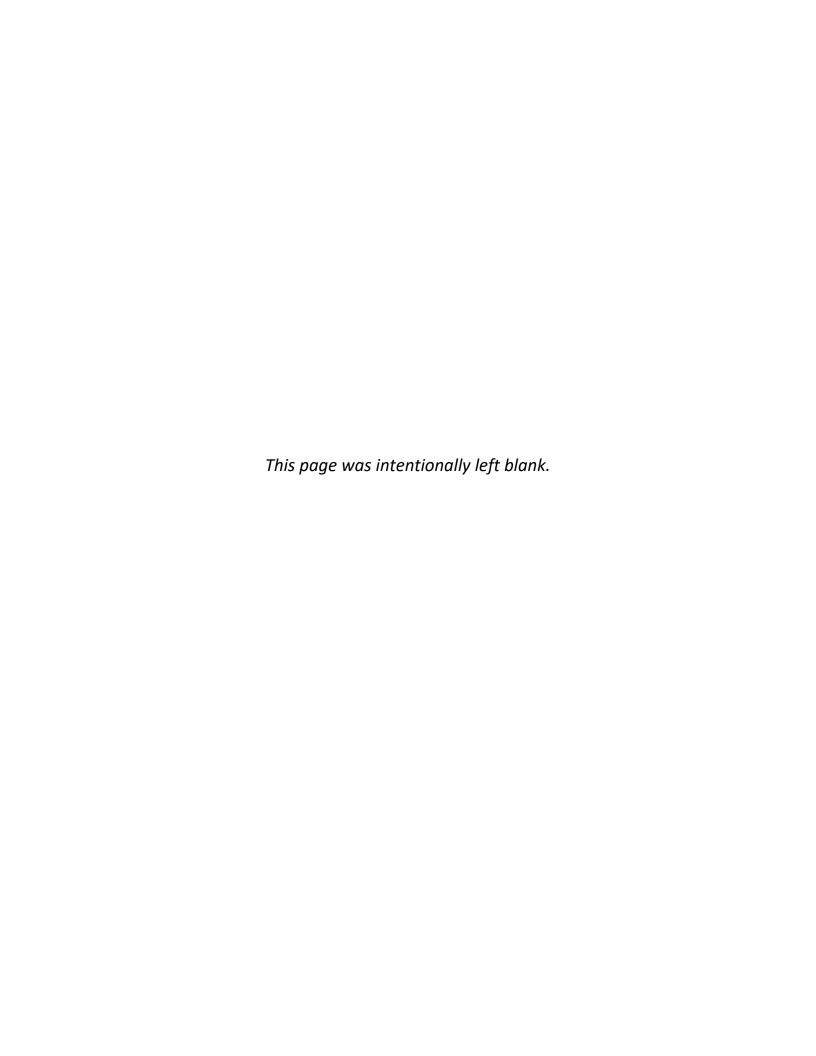
WORK PROGRAM ACRONYMS

ORGANIZATIONAL UNITS

ORGANIZATION	NAL UNITS		
AHR	Administrative & Human Resources	<u>GENERAL</u>	
CB	Clerk of the Boards	AA	Affirmative Action
CE	Compliance & Enforcement	AER	Annual Emissions Reporting
DG	District General	AM	Air Monitoring
EP	Engineering & Permitting	AQ-SPEC	Air Quality Sensor Performance Evaluation Center
EO	Executive Office	AVR	Average Vehicle Ridership
FIN	Finance	BARCT	Best Available Retrofit Control Technology
GB	Governing Board	CLASS	Clean Air Support System
IM	Information Management	CNG	Compressed Natural Gas
LEG	Legal	DB	Database
LPAM	Legislative & Public Affairs/Media Office	EIR	Environmental Impact Report
PRDI	Planning, Rule Development & Implementation	EJ	Environmental Justice
STA	Science & Technology Advancement	ERC	Emission Reduction Credit
JIA	Science & reciniology Advancement	ETC	Employee Transportation Coordinator
DDOCDAMS		EV	Electric Vehicle
<u>PROGRAMS</u>		FBMSMs	
AB 134	Community Air Protection Program (Carl Moyor)	FY	Facility-Based Mobile Source Measures Fiscal Year
AB 134 AB 617	Community Air Protection Program (Carl Moyer)		
	Community Air Protection Program Officets Electrical Congrating Facilities	GHG	Greenhouse Gas
AB 1318	Offsets-Electrical Generating Facilities	HR	Human Resources
AB 2588	Air Toxics ("Hot Spots")	HRA	Health Risk Assessment
AB 2766	Motor Vehicle Subvention Program	ISR	Indirect Source Rules
APEP	Annual Permit Emissions Program	LAER	Lowest Achievable Emissions Rate
AQIP	Air Quality Investment Program	LEV	Low Emission Vehicle
AQMP	Air Quality Management Plan	LNG	Liquefied Natural Gas
BACT	Best Available Control Technology	MOU	Memorandum of Understanding
CEMS	Continuous Emissions Monitoring Systems	MSERCs	Mobile Source Emission Reduction Credits
CEQA	California Environmental Quality Act	MSRC	Mobile Source (Air Pollution Reduction) Review
CF	Clean Fuels Program		Committee
CMP	Carl Moyer Program	NATTS	National Air Toxics Trends Stations
DERA	Diesel Emission Reduction Act	NESHAPS	National Emission Standards for Hazardous Air
EFMP	Enhanced Fleet Modernization Program		Pollutants
ERC	Emission Reduction Credit	NGV	Natural Gas Vehicle
FARMER	Funding Agricultural Replacement Measures For	NOV	Notice of Violation
	Emissions Reductions	NSR	New Source Review
GGRF	Greenhouse Gas Reduction Fund	NSPS	New Source Performance Standards
MATES	Multiple Air Toxics Exposure Study	OEHHA	Office of Environmental Health Hazard Assessment
MS	Mobile Sources Program	PAMS	Photochemical Assessment Monitoring System
NSR	New Source Review	PAR	Proposed Amended Rule
PERP	Portable Equipment Registration Program	PE	Program Evaluations
PR	Public Records Act	PEV	Plug-In Electric Vehicle
QA	Quality Assurance	PHEV	Plug-In Hybrid Electric Vehicle
RECLAIM	REgional CLean Air Incentives Market	PR	Proposed Rule
SOON	Surplus Off-Road Opt-In for NO _x	RFP	Request for Proposal
ST	Source Test	RFQ	Request for Quotations
Title III	Federally Mandated Toxics Program	RFQQ	Request for Qualifications and Quotations
Title V	Federally Mandated Permit Program	RTC	RECLAIM Trading Credit
VIP	Voucher Incentive Program	SBA	Small Business Assistance
VW	Volkswagen	SIP	State Implementation Plan
WAIRE	Warehouse Actions & Investments to Reduce Emissions	ST	Source Testing
		SULEV	Super Ultra Low-Emission Vehicle
GOVERNMENT	AGENCIES	TCM	Transportation Control Measure
		ULEV	Ultra- Low-Emissions Vehicle
APCD	Air Pollution Control District (Generic)	VMT	Vehicle Miles Traveled
CARB	California Air Resources Board	ZECT	Zero Emission Cargo Transport
CEC	California Energy Commission	ZEV	Zero-Emission Vehicle
DHS	Department of Homeland Security		
DOE	Department of Energy	POLLUTANTS	
EPA	Environmental Protection Agency		
NACAA	National Association of Clean Air Agencies	CO	Carbon Monoxide
SCAG	Southern California Association of Governments	NO_x	Oxides of Nitrogen
		O ₃	Ozone
		PM _{2.5}	Particulate Matter < 2.5 microns
		PM_{10}	Particulate Matter ≤ 10 microns
		ROG	Reactive Organic Gases
		SO_x	Oxides of Sulfur
		VOC	Volatile Organic Compound

VOC

Volatile Organic Compound



GOVERNING BOARD

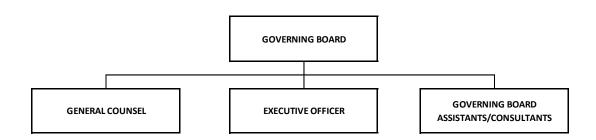
At a Glance:	
FY 2021-22 Adopted	\$1.7M
FY 2022-23 Budget	\$1.7M
% of FY 2022-23 Budget	0.9%
Total FTEs FY 2022-23 Budget	N/A

DESCRIPTION OF MAJOR SERVICES:

The Governing Board is made up of 13 officials who meet monthly to establish policy and review new or amended rules for approval. The Governing Board appoints the South Coast AQMD Executive Officer and General Counsel, and members of the Hearing Board. Each Governing Board member is allocated funds to retain the services of Board Consultants and/or Assistants to provide support in their duties as Governing Board members.

Governing Board members include:

- One county Board of Supervisor's representative each from the counties of Los Angeles, Orange, Riverside, and San Bernardino;
- One representative each from cities within Orange, Riverside, and San Bernardino counties, two representatives from cities within Los Angeles County, and one city representative from the City of Los Angeles;
- One representative appointed by the Governor, one by the Assembly Speaker, and one by the Senate Rules Committee.



Governing Board Line Item Expenditure									
	Object / Account # / Account Description	ı	FY 2020-21 Actuals		FY 2021-22 opted Budget	FY 2021-22 Amended Budget	FY 2021-22 Estimate *		2022-23 osed Budget
Salary & Employee									
51000-52000	Salaries	\$	195,409	\$	359,073		\$ 359,072	\$	359,073
53000-55000	Employee Benefits		17,328		237,073	237,074	237,074		237,073
	Employee Benefits	\$	212,737	\$	596,146	\$ 596,146	\$ 596,146	\$	596,146
Services & Supplie									
67250	Insurance	\$	-	\$	-	\$ -	\$ -	\$	-
67300	Rents & Leases Equipment		-		-	-	-		-
67350	Rents & Leases Structure		-		-	-	-		-
67400	Household		-		-	-	-		-
67450	Professional & Special Services		665,052		807,784	787,784	700,000		807,784
67460	Temporary Agency Services		-		-	-	-		-
67500	Public Notice & Advertising		-		-	-	-		-
67550	Demurrage		-		-	-	-		-
67600	Maintenance of Equipment		-		-	-	-		-
67650	Building Maintenance		-		-	-	-		-
67700	Auto Mileage		816		10,000	10,000	10,000		10,000
67750	Auto Service		-		-	-	-		-
67800	Travel		-		64,800	84,800	84,800		90,000
67850	Utilities		-		-	-	-		-
67900	Communications		12,885		20,000	10,000	10,000		20,000
67950	Interest Expense		-		-	-	-		-
68000	Clothing		-		-	-	-		-
68050	Laboratory Supplies		-		-	-	-		-
68060	Postage		2,079		10,000	10,000	10,000		3,000
68100	Office Expense		7,174		4,000	4,000	4,000		3,000
68200	Office Furniture		-		-	-	-		-
68250	Subscriptions & Books		-		-	-	-		-
68300	Small Tools, Instruments, Equipment		-		-	-	-		-
68020	Film				-	-	-		-
68400	Gas and Oil		-		-	-	-		-
69500	Training/Conference/Tuition/ Board Exp.		113,564		132,500	132,500	132,500		125,300
69550	Memberships				-	-	-		-
69600	Taxes		-		_	-	_		-
69650	Awards		-		-	-	-		-
69700	Miscellaneous Expenses		80		15.000	15.000	15.000		5.000
69750	Prior Year Expense		-		-	-	-		-
69800	Uncollectable Accounts Receivable		_		_	-	-		-
89100	Principal Repayment		_		_	-	-		-
Sub-total Services		\$	801,650	\$	1,064,084	\$ 1,054,084	\$ 966,300	\$	1,064,084
77000	Capital Outlays	\$	-	\$	_,_ ,,,,,,,	\$ -	\$ -	\$	-, 1,00 +
79050	Building Remodeling	\$	-	\$		\$ -	\$ -	\$	-
Total Expenditures		\$	1,014,387	\$	1,660,230	\$ 1,650,230	\$ 1,562,446	\$	1,660,230
	on July 2021 through February 2022 actual expe			_		, , ,	7 1,302,440	۲	1,000,230

EXECUTIVE OFFICE

WAYNE NASTRI EXECUTIVE OFFICER

At a Glance:	
FY 2021-22 Adopted	\$2.4M
FY 2022-23 Budget	\$3.0M
% of FY 2022-23 Budget	1.6%
Total FTEs FY 2022-23 Budget	11

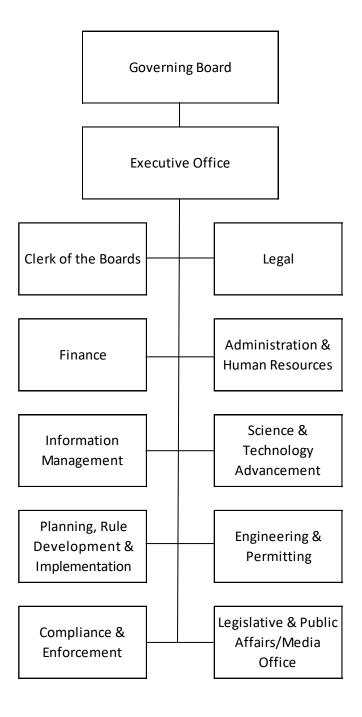
DESCRIPTION OF MAJOR SERVICES:

The Executive Office is responsible for the comprehensive management of the South Coast AQMD and the development and implementation of near-term and long-term strategies to attain ambient air quality standards. The Executive Office also translates set goals and objectives into effective programs and enforceable regulations that meet federal and state statutory requirements, while being sensitive to potential socioeconomic and environmental justice impacts in the South Coast Air Basin.

The Executive Office consists of the Executive Officer, Chief Operating Officer, Diversity, Equity, & Inclusion Officer, Director of Community Air Programs, and seven support staff. The Executive Officer serves as Chief of Operations in implementing policy directed by the agency's 13-member Governing Board and in working proactively with state and federal regulatory officials. The Executive Officer also oversees all of the day-to-day administrative functions of staff and the annual operating budget.

EXECUTIVE OFFICE (cont.)

ORGANIZATIONAL CHART:



EXECUTIVE OFFICE (cont.)

POSITION SUMMARY: 11 FTEs

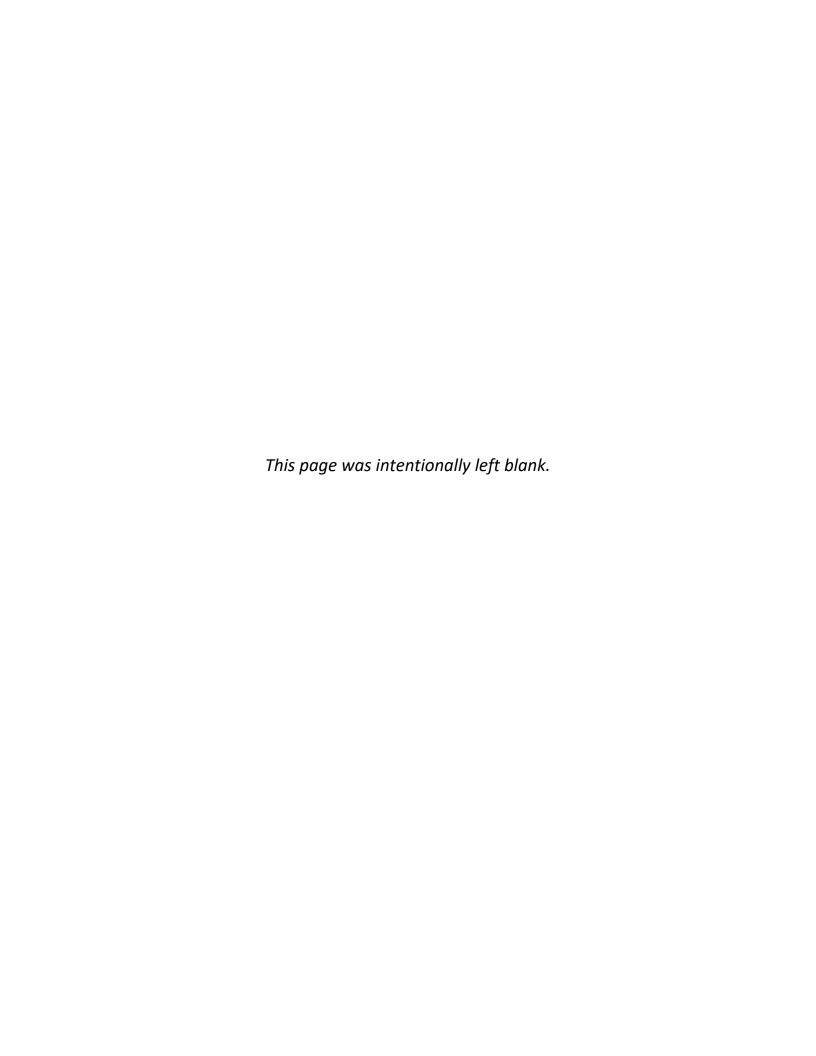
	Amended		Budget
Executive Office Unit	FY 2021-22	Change	FY 2022-23
Administration	10	1	11

POSTION DETAIL:

<u>FTEs</u>	<u>Title</u>
1	Administrative Assistant II
1	Chief Operating Officer
1	Diversity, Equity & Inclusion Officer
1	Director of Community Air Programs
1	Executive Officer
3	Executive Assistant
1	Senior Administrative Assistant
<u>2</u>	Senior Public Affairs Specialist
11	Total FTEs

		Exe Work F	Executive Office Work Program by Office				
Program				FTES		FTES	Revenue
Code	Program Category	Program	Activities	FY 2021-22	+	FY 2022-23	Categories
010	03 010 Develop Programs	AQMP	Develop/Implement AQMP	0.05	15 0.00	0.05	XI'II
03 019	019 Develop Programs	AB617-Prog Develop	AB617-Program Development	0.00	0 1.00	00.1	XI
03 028	028 Develop Programs	Admin/SCAQMD Policy	Dev/Coord Goals/Policies/Overs	0.44	4 0.00	0.44	la
380	03 038 Operational Support	Admin/Office Management	Budget/Program Management	1.00	0 1.00	00.2	qı
€80	03 083 Policy Support	Hith Effects Air Pollution Fou	Health Effects Air Poll Foundation Support	0.01	11 0.00	to:0	la
275	03 275 Policy Support	Governing Board	Board/Committee Support	1.72	2 0.00	1.72	la
381	03 381 Policy Support	Interagency Liaison	Local/State/Fed Coord/Interact	0.71	1 0.00	17.0 C	Ia,IX
410	03 410 Policy Support	Legislation	Testimony/Mtgs:New/Current Leg	0.03	00:00	0.03	la,IX
416	03 416 Policy Support	Legislative Activities	Supp/Promote/Influence Legis/Adm	0.03	00:00	0.03	la
490	03 490 Customer Service and Business Assistance	Outreach	Publ Awareness Clean Air Prog	0.97	7 0.00	76.0 C	la
03 56	565 Customer Service and Business Assistance	Public Records Act	Comply w/ Public Reg for Info	0.01	0.00	10.0	la
03 855	855 Operational Support	Web Tasks	Create/edit/review web content	0.03	0.00	0.03	la
03 880	880 Operational Support	Inclusion/Equity	Inclusion/Diversity/Equity	4.00	00:00	00.4	1a

		Lin	Executive Off								
Maior O	bject / Account # / Account Description		Y 2020-21 Actuals	F	Y 2021-22	FY 2021-2 Amended Bu	_		Y 2021-22		Y 2022-23 osed Budge
Salary & Employe	• • • • • • • • • • • • • • • • • • • •				prom a marger					,	
51000-52000	Salaries	\$	1,048,560	\$	1,459,799	\$ 1,418	182	\$	1,418,182	\$	1,684,423
53000-55000	Employee Benefits	7	593,510	7	647,190	, ,	3,806		688,806	T	968,849
	Employee Benefits	\$	1,642,070	\$	2,106,988	\$ 2,106		Ś	2,106,988	\$	2,653,272
Services & Supplie	<u> </u>	- 7	_,_,_,_,_	7	_,,	, -,	,	Ť	_,,		_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
67250	Insurance	Ś	_	\$	_	Ś	_	\$	_	Ś	
67300	Rents & Leases Equipment			7	_	7	_	7		7	
67350	Rents & Leases Structure						_				
67400	Household						_				
67450	Professional & Special Services	_			175,000	173	3,096		100,000		175,000
67460	Temporary Agency Services				173,000	173	,030		100,000		173,000
67500	Public Notice & Advertising	-	-		7,500	_	7 500		7,500		7.500
	· · · · · · · · · · · · · · · · · · ·				7,500	,	7,500 -		7,500		7,500
67550	Demurrage	_			400		400	<u> </u>	400		-
67600	Maintenance of Equipment				400		-		- 400		400
67650	Building Maintenance	_	-					<u> </u>			
67700	Auto Mileage		-		800		800		800		800
67750	Auto Service	_					-	-	-		-
67800	Travel		678		77,000	77	,000		50,000		77,000
67850	Utilities		-				-	<u> </u>	-		-
67900	Communications		4,950		6,500	(5,500		6,500		6,500
67950	Interest Expense		-		-		-		-		-
68000	Clothing		-		-		-	<u> </u>	-		-
68050	Laboratory Supplies		-		-		-		-		-
68060	Postage		28		7,000		,000		7,000		7,000
68100	Office Expense		2,204		6,300		,300		6,300		6,300
68200	Office Furniture		-		3,000		,000		3,000		3,000
68250	Subscriptions & Books		-		5,000	(,904		6,904		5,000
68300	Small Tools, Instruments, Equipment		-		-		-		-		-
68400	Gas and Oil		-		-		-		-		-
69500	Training/Conference/Tuition/ Board Exp.		225		1,000		,500		3,500		1,000
69550	Memberships		25,000		26,000	26	5,000		26,000		26,000
69600	Taxes		-		-		-		-		-
69650	Awards		-		-		-		-		-
69700	Miscellaneous Expenses		197		25,000	22	,500		22,500		25,000
69750	Prior Year Expense		-		-		-		-		-
69800	Uncollectable Accounts Receivable		-		-		-		-		-
89100	Principal Repayment		-		-		-		-		-
Sub-total Services	& Supplies	\$	33,283	\$	340,500	\$ 340	,500	\$	240,404	\$	340,500
77000	Capital Outlays	\$	-	\$	-	\$	-	\$	-	\$	-
79050	Building Remodeling	\$	-	\$	-	\$	-	\$	-	\$	_
Total Expenditure		Ś	1.675.353	\$	2,447,488	•	7.488	·	2,347,392	Ś	2.993.772
	d on July 2021 through February 2022 actual e		,,		<u></u>	, ,	,	7	_,0 .,,002	7	_,,,,,,,,



DISTRICT GENERAL

At a Glance:	
FY 2021-22 Adopted	\$18.1M
FY 2022-23 Budget	\$20.3M
% of FY 2022-23 Budget	10.7%
Total FTEs FY 2022-23 Budget	N/A

Accounts associated with general operations of the South Coast AQMD are budgeted and tracked in District General. Included are such items as retirement payouts, principal and interest payments, insurance, utilities, taxes, housekeeping, security, and building maintenance and improvements.

		Li	District Gene ne Item Expen		e					
Maior C	Object / Account # / Account Description		FY 2020-21 Actuals	F	Y 2021-22	FY 2021-22 Amended Budget		FY 2021-22 Estimate *	-	Y 2022-23 oosed Budge
alary & Employe	, , , , , , , , , , , , , , , , , , , ,					0				
51000-52000	Salaries	\$	_	Ś	1,785,964	\$ 1,679,731	Ś	1,679,731	Ś	2,225,58
53000-55000	Employee Benefits		261,238		480,000	480,000	† ·	480,000		480,00
ub-total Salary 8	k Employee Benefits	\$	261,238	\$	2,265,964		Ś	2,159,731	\$	2,705,58
ervices & Suppli	• •		,	Ė	,,	, , , , , ,	Ė	,, -	Ė	,,-
67250	Insurance	Ś	1,203,093	\$	1,449,140	\$ 1,449,140	\$	1,449,140	Ś	1,811,4
67300	Rents & Leases Equipment	¥	147,412	Υ	117,000	117,000	<u>+</u>	117,000	Υ	105,00
67350	Rents & Leases Structure		29,797		19,300	19,300	_	19,300		20,30
67400	Household		791,438		869,261	869,261		869,261		859,20
67450	Professional & Special Services		1,372,386		1,273,089	1,287,323		1,287,323		2,400,0
67460	Temporary Agency Services		-		-,=:=,===	-,201,620		-		-,,-
67500	Public Notice & Advertising		22,390		25,000	25,000		25,000		25,0
67550	Demurrage				100,000	100,000		100,000		100,0
67600	Maintenance of Equipment		323,453		410,760	410,760		410.760		407,6
67650	Building Maintenance		737,080		851,479	851,479		851,479		851,4
67700	Auto Mileage		-		-	-		-		-
67750	Auto Service		_		_	_		_		_
67800	Travel		_		_	_		_		
67850	Utilities		1,537,423		1,937,620	1,937,620		1,787,620		1,935,6
67900	Communications		374,793		151,400	204,500		204,500		351,4
67950	Interest Expense		3,353,106		3,186,361	3,186,361		3,186,361		348,7
68000	Clothing		-		-	-		-		-
68050	Laboratory Supplies		_		_	_		_		-
68060	Postage		5,536		17,083	17,083		17,083		17,0
68100	Office Expense		158,934		313,200	298,966		160,000		313,2
68200	Office Furniture		111,202		14,000	14,000		14,000		14,0
68250	Subscriptions & Books		-			- 1,000				
68300	Small Tools, Instruments, Equipment		_		_	_		_		
68400	Gas and Oil		_		_	_		_		-
69500	Training/Conference/Tuition/ Board Exp.		-		-	-		_		-
69550	Memberships		-		-	-		-		-
69600	Taxes		9,006		57,500	57,500		30,000		57,5
69650	Awards		18,805		17,342	17,342		17,342		18,3
69700	Miscellaneous Expenses		838		10,625	10,625		10,625		9,6
69750	Prior Year Expense		(22,487)		-	-		-		-
69800	Uncollectable Accounts Receivable		691,419		-	-		-		-
89100	Principal Repayment		3,840,443		4,006,881	4,006,881		4,006,881		3,780,0
ub-total Services		\$	14,706,069	\$	14,827,041	\$ 14,880,141	Ś	14,563,675	\$	13,425,7
77000	Capital Outlays	\$	-,,,,,,,,,	\$	175,000	\$ 125,043	÷	125,043	\$	1,340,0
79050	Building Remodeling	\$		\$	-	\$ 123,043	\$	-	\$	-,570,0
99950	Transfers Out	\$	841,353	\$	841,353	\$ 841,353		841,353	\$	2,841,3
otal Expenditure		Ś	15.808.660	\$	18,109,358	\$ 18,006,268		17,689,802	\$	20,312,6

ADMINISTRATIVE & HUMAN RESOURCES

A. JOHN OLVERA DEPUTY EXECUTIVE OFFICER

At a Glance:	
FY 2021-22 Adopted	\$6.6M
FY 2022-23 Budget	\$7.1M
% of FY 2022-23 Budget	3.8%
Total FTEs FY 2022-23 Budget	45

DESCRIPTION OF MAJOR SERVICES:

Administrative & Human Resources is comprised of several units: Employment & Labor Relations/Benefits & Records; Classification & Pay/Recruitment & Selection; Risk Management; Business Services; and Building Services. Human Resources units are responsible for planning and administering programs to maximize hiring, retention, and development of the highly-qualified employees necessary to meet South Coast AQMD's air quality goals. Risk Management is responsible for programs aimed at ensuring a healthy and safe work environment, including security, emergency preparedness, and business continuity programs as well as programs to reduce liability and accident-related costs. Business Services oversees the administration of the South Coast AQMD headquarters facility services, its leases, the maintenance of fleet vehicles, and the management of the Print Shop and Mail/Subscription Services. Building Services is responsible for the maintenance and repair of the South Coast AQMD headquarters building, childcare center, field offices, air monitoring stations, and meteorological stations.

ACCOMPLISHMENTS:

RECENT:

- Administered employee benefits programs including virtual open enrollment with personal zoom meetings for employees, expanded options in the 457 deferred compensation plan, expanded wellness education programs, and expanded supervisor and manager training opportunities
- Conducted successful recruitment efforts for promotional opportunities and new hires, including the recruitment, hiring, and onboarding of a Human Resources Manager (Risk Management) and a Human Resources Manager (Classification & Pay/Recruitment & Selection)
- Provided support and direction to management and staff with respect to adherence to relevant state and federal laws and South Coast AQMD policies, procedures and

ADMINISTRATIVE & HUMAN RESOURCES (cont.)

Memoranda of Understanding, including COVID-19-related legislation, regulations, policies and directives

- Supported South Coast AQMD's Succession Planning program through the Executive Office.
- Implemented Administrative Directive, COVID -19 Directive No. 1b, Expanded Teleworking Program, which supplements Directive No. 1. Directive No. 1b provides direction and guidelines regarding the expansion of South Coast AQMD's Teleworking Program for employees
- Drafted and implemented the agency's COVID-19 Prevention Program, including evaluation of potential employee exposure and providing training and equipment for safety equipment such as face coverings
- Conducted ergonomic workspace evaluations and other safety training programs
- Held trainings on sexual harassment prevention and anti-bullying policies, as well as programs for career development and workforce education
- Negotiated a one-year MOU for Teamsters and one-year terms for non-represented groups, and implemented Terms & Conditions of Employment for Professional Unit
- Implemented the Continuity of Operations Plan (COOP) and Emergency Operations Plan (EOP) and conducted training
- Completed workspace design and reconfiguration on several floors
- Completed installation of hand-sanitizing devices/stations, protective screens, and signage throughout headquarters and LBO field office.

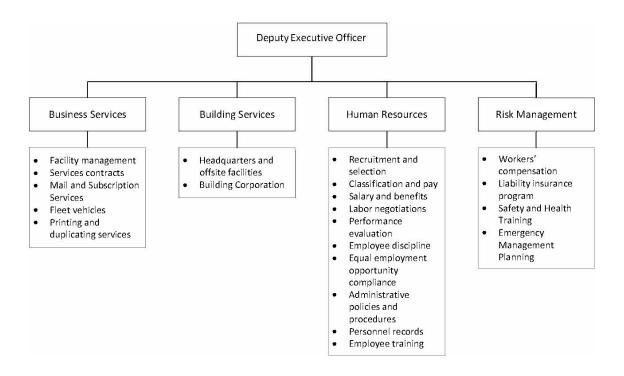
ANTICIPATED:

- Negotiate successor MOUs for represented groups and terms for non-represented employees
- Continue to provide virtual financial, health, and mental wellness education for all employees
- Continue to provide support and direction to management and staff with respect to adherence to relevant state and federal laws and South Coast AQMD policies, procedures and Memoranda of Understanding, including COVID-19-related legislation, regulations, policies and directives
- Continue recruitment and selection efforts and conduct classification studies
- Provide training workshops for supervisors and managers
- Continue to implement the Continuity of Operations Plan and Emergency Operations Plan program
- Continue to implement the mentorship program
- Implement the Governing Board Summer Internship Program
- Conduct emergency preparedness drills
- Conduct training on emergency preparedness programs, including COOP/EOP
- Continue to implement new training programs (supervisor skills, safety), using new Learning Management Software system

ADMINISTRATIVE & HUMAN RESOURCES (cont.)

- Continue updates and implementation of South Coast AQMD's Succession Planning program
- Continue to plan for significant turnover of fleet vehicles due to CNG tank expiration
- Design completion for optimized data center air conditioning
- Replenish water softener system resin tank beds
- Replace and repair child care center building, including the roof
- Upgrade / Replacement of cafeteria exhaust equipment
- Complete the relocation of AHR offices and staff to recaptured space (previously occupied by the City of Diamond Bar)

ORGANIZATIONAL CHART:



POSITION SUMMARY: 45 FTEs

	Amended		Budget
Administrative & Human Resources Units	FY 2021-22	Change	FY 2022-23
Office Administration	2	-	2
Business Services	14	-	14
Building Services	8	-	8
Career Development Interns	6	-	6
Classification & Pay/Recruitment & Selection	5	-	5
Employee & Labor Relations/Benefits & Records	7	-	7
Risk Management	2	1	3
Tota	44	1	45

ADMINISTRATIVE & HUMAN RESOURCES (cont.)

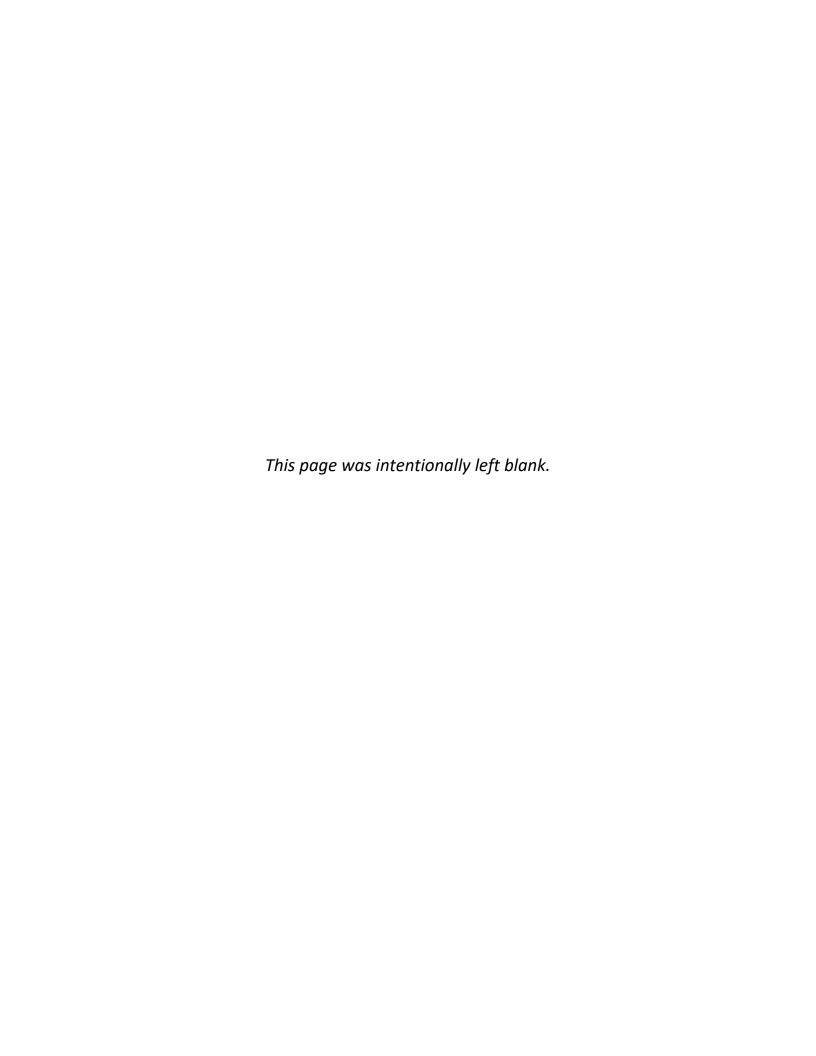
POSITION DETAIL:

<u>FTEs</u>	<u>Title</u>
3	Administrative Assistant I
1	Building Maintenance Manager
1	Building Supervisor
1	Business Services Manager
6	Career Development Intern
1	Deputy Executive Officer/Administrative & Human Resources
1	Facilities Services Technician
1	Fleet Services Supervisor
2	Fleet Services Worker II
5	General Maintenance Worker
6	Human Resources Analyst
2	Human Resources Manager
3	Human Resources Technician
2	Mail Subscription Services Clerk
1	Mail Subscription Services Supervisor
1	Office Assistant
1	Offset Press Operator
2	Print Shop Duplicator
1	Print Shop Supervisor
1	Risk Manager
1	Senior Administrative Assistant
<u>1</u>	Senior Office Assistant
45	Total FTEs

				Administrativ Work P	Administrative & Human Resrouces Work Program by Office				
_	一								
	#	Program Code	Im Program Category	Program	Activities	F1 ES FY 2021-22	-/+	F1 ES FY 2022-23	Revenue Categories
<u> </u>	1	16 0	16 026 Operational Support	SCAQMD Mail	Posting/Mailing/Delivery	2.30	0.20	2.50	<u>a</u>
	2	16 03	035 Operational Support	AB617-Support	AB617-Support	4.00	-0.15	3.85	×
L	3	16 03	038 Operational Support	Admin/Office Management	Reports/Proj/Budget/Contracts	00.9	-0.55	5.45	qı
	4	16 00	060 Operational Support	Equal Employment Opportunity	Program Dev/Monitor/Reporting	0.02	0.45	0.50	la
	2	16 08	080 Ensure Compliance	Auto Services	Vehicle/Radio Repair & Maint	4.00	-0.55	3.45	la
	9	16 09	090 Operational Support	Building Maintenance	Repairs & Preventative Maint	8.00	00.00	8.00	la
	7	16 09	092 Operational Support	Business Services	Building Services Admin/Contracts	2.69	-0.14	2.55	la
	8	16 2	225 Operational Support	Employee Benefits	Benefits Analysis/Orient/Records	2.50	-0.15	2.35	la
	6	16 2	226 Operational Support	Classification & Pay	Class & Salary Studies	0.32	-0.02	0:30	la
	10	16 2	228 Operational Support	Recruitment & Selection	Recruit Candidates for SCAQMD	3.30	-0.85	2.45	la
	11	16 2	232 Operational Support	Position Control	Track Positions/Workforce Analys	0.20	0.55	0.75	la
	12	16 23	233 Operational Support	Employee Relations	Meet/Confer/Labor-Mgmt/Grievance	1.50	00.00	1.50	la
	13	16 2	255 Operational Support	Facilities Services	Phones/Space/Keys/Audio-Visual	1.00	0.15	1.15	la
	14	16 4	446 Operational Support	Mentorship Program	Mentorship Program	0.10	0.05	0.15	la
	15	16 4	457 Advance Clean Air Technology	MS/Carl Moyer Admin	C Moyer/Contractor Compliance	0.03	0.05	0.02	×
	16	16 5	540 Customer Service and Business Assistance	Print Shop	Printing/Collating/Binding	2.00	-0.60	4.40	la
	17	16 5	542 Advance Clean Air Technology	Prop 1B:Goods Movement	Prop 1B: Goods Movement	0.03	00.00	0.03	X
	18	16 5	565 Customer Service and Business Assistance	Public Records Act	Comply w/ Public Rec Requests	0.03	00:00	0.03	la
	19	16 6	640 Operational Support	Risk Management	Liabl/Property/Wk Comp/Selfins	2.25	1.00	3.25	la
	20	16 7.	720 Customer Service and Business Assistance	Subscription Services	Rule & Gov Board Materials	0.70	0.00	0.79	IV,XVII
لـــ	21	16 87	825 Operational Support	Union Negotiations	Inclusion/Diversity/Equity	0.00	1.50	1.50	1a
l									

Total Administrative & Human Resources

	,		rative & Huma ne Item Expen									
Major Object / Account # / Account Description		ı	FY 2020-21 Actuals		FY 2021-22 Adopted Budget		FY 2021-22 Amended Budget		FY 2021-22 Estimate *		FY 2022-23 Proposed Budget	
Salary & Employe	ee Benefits											
51000-52000	Salaries	\$	3,128,439	\$	3,219,185	\$	3,248,631	\$	3,248,631	\$	3,606,378	
53000-55000	Employee Benefits		1,876,669		2,122,518		2,122,517		2,122,517		2,184,909	
Sub-total Salary 8	& Employee Benefits	\$	5,005,108	\$	5,341,703	\$	5,371,148	\$	5,371,148	\$	5,791,286	
Services & Suppli	ies											
67250	Insurance	\$	-	\$	-	\$	-	\$	-	\$	-	
67300	Rents & Leases Equipment		89,205		41,600		41,600		41,600		41,600	
67350	Rents & Leases Structure		-		-		-		-		-	
67400	Household		21,550		35,284		35,284		35,284		35,28	
67450	Professional & Special Services		247,289		198,149		198,149		198,149		213,14	
67460	Temporary Agency Services		31,836		15,000		18,300		18,300		15,00	
67500	Public Notice & Advertising		9,621		6,023		11,023		11,023		11,02	
67550	Demurrage		-		-		-		-			
67600	Maintenance of Equipment		1,868		5,500		10,500		10,500		10,50	
67650	Building Maintenance		26,184		-		-		-			
67700	Auto Mileage		2,396		4,200		4,200		4,200		4.00	
67750	Auto Service		416,084		470.000		470,000		450,000		470.00	
67800	Travel		-		2,500		2,500		2,500		2,50	
67850	Utilities		_		-,		-,		-		-,	
67900	Communications		17,018		21,900		16,900		16,900		21,90	
67950	Interest Expense				,		-				,	
68000	Clothing		18,800		35,808		35,808		35,808		35,80	
68050	Laboratory Supplies		-		-		-		-		-	
68060	Postage		3,481		5,469		5,469		5,469		5,46	
68100	Office Expense		38.204		111,300		93,000		93,000		104,89	
68200	Office Furniture		27,564		21,000		21,000		21,000		21,00	
68250	Subscriptions & Books		1,676		2,520		2,520		2,520		2,52	
68300	Small Tools, Instruments, Equipment		3,269		5,030		10,030		10,030		7,00	
68400	Gas and Oil		156,710		292,021		292,021		250,000		266,02	
69500	Training/Conference/Tuition/ Board Exp.		11.197		10,062		10,062		10,062		12,06	
69550			6,778		11,265						10,26	
69600	Memberships		•		4,000		11,265 4,000		11,265 4,000			
69650	Taxes Awards		3,678		4,000		4,000		4,000		5,00	
69700	Miscellaneous Expenses	-	634		- 0.000		- 000		- 0.000		6,00	
	·	-			8,000		8,000		8,000		6,00	
69750	Prior Year Expense		(2,538)								-	
69800	Uncollectable Accounts Receivable	_	-		-	<u> </u>	-		-		-	
89100	Principal Repayment	1	- 4 400 -01		4 000 00		4 00: 55:	_	4 000 01-	4		
Sub-total Service		\$		\$	1,306,631		1,301,631		1,239,610	_	1,300,99	
77000	Capital Outlays	\$	35,706		-	\$	-	\$	-	\$	23,00	
79050	Building Remodeling	\$	-	\$	-	\$	-	\$	-	\$	-	
Total Expenditure	es	\$	6,173,315	\$	6,648,334	Ś	6.672.779	\$	6,610,758	\$	7,115,27	



CLERK OF THE BOARDS

FAYE THOMAS CLERK OF THE BOARDS

At a Glance:	
FY 2021-22 Adopted	\$1.4M
FY 2022-23 Budget	\$1.6M
% of FY 2022-23 Budget	0.8%
Total FTEs FY 2022-23 Budget	7

DESCRIPTION OF MAJOR SERVICES:

Clerk of the Boards coordinates the activities, provides operational support, and maintains the official records for both the Governing Board and the Hearing Board. The Office is responsible for preparing the legal notices for hearings and meetings and ensuring that such notices are published as required. Clerk of the Boards' staff assist petitioners and attorneys in the filing of petitions before the Hearing Board and explain the Hearing Board's functions and procedures. Staff prepares Minute Orders, Findings and Decisions of the Hearing Board, and Summary Minutes of Governing Board meetings. The Clerk acts as communication liaison for the Boards with South Coast AQMD staff and state and federal agencies.

ACCOMPLISHMENTS:

RECENT

- Received and processed 43 subpoenas, public/administrative records requests, and claims against the South Coast AQMD.
- Provided support for 10 Governing Board meetings, including: preparing an agenda and minutes for each meeting; preparation, distribution, and publication of 23 meeting and public hearing notices; preparation of 24 Board Resolutions.
- Provided support for 66 hearings, pre-hearing conferences, and general meetings held by the Hearing Board, including: processing 35 petitions; preparation, distribution, and publication of 34 meeting and public hearing notices; preparation of 67 Minute Orders, Findings & Decisions, Pre-hearing Memoranda, and General Meeting Reports of Actions; and preparation and distribution of 108 daily agendas and monthly case calendars.

ANTICIPATED:

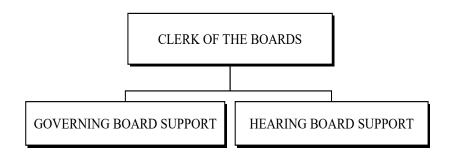
 Provide support for approximately 80 hearings, pre-hearing conferences, and general meetings held by the Hearing Board, including: processing approximately 90 petitions; preparation, distribution, and publication of approximately 100 meeting and public

CLERK OF THE BOARDS (cont.)

hearing notices; preparation of over 100 Minute Orders, Findings and Decisions, Prehearing Memoranda, and General Meeting Reports of Actions; and preparing and distributing more than 150 daily agendas and monthly case calendars.

• Provide support for 12 Governing Board meetings, including preparation of meeting agendas, minutes, and Board Resolutions.

ORGANIZATIONAL CHART:



POSITION SUMMARY: 7 FTEs

	Amended		Budget
Clerk of the Boards Unit	FY 2021-22	Change	FY 2022-23
Governing/Hearing Board Support	6	1	7

POSITION DETAIL:

<u>FTEs</u>	<u>Title</u>
1	Clerk of the Board
3	Deputy Clerk/Transcriber
1	Office Assistant
1	Senior Deputy Clerk
<u>1</u>	Senior Office Assistant
7	Total FTEs

			Cler	Clerk of the Boards				
			Work	Work Program by Office				
	Program	ram			FTES		FTEs	Revenue
#	Code	de Program Category	Program	Activities	FY 2021-22	-/+	FY 2022-23	Categories
1	17	17 024 Operational Support	Admin/SCAQMD/GB/HB Mgmt	Admin Governing/Hearing Brds	1.25	1.00	2.25	la,VII,XV
7	17	17 275 Operational Support	Governing Board	Attend/Record/Monitor Meetings	1.40	00:00	1.40	la
3	17	17 364 Ensure Compliance	Hearing Board/Abatement Orders	Attnd/Recrd/Monitr Mtgs	0.10	0.00	0.10	Ν
4	17	17 365 Ensure Compliance	Hearing Board/Variances/Appeal	Attend/Record/Monitor HB Mtgs	3.20	0.00	3.20	IV,V,VII
2	17	17 565 Customer Service and Business Assistance	Public Records Act	Comply w/ Public Rec Requests	0.02	0.00	0.02	la
9	17	17 855 Operational Support	Web Tasks	Create/edit/review web content	0.03	00.00	0.03	e

Total Clerk of the Boards

00.9

Clerk of the Boards Line Item Expenditure											
•	Object / Account # / Account Description		FY 2020-21 Actuals	FY	/ 2021-22 oted Budget	FY 202 Amended			21-22 nate *	_	/ 2022-23 osed Budge
Salary & Employe	ee Benefits										
51000-52000	Salaries	\$	367,966	\$	387,899	\$	387,899	\$	387,899	\$	489,660
53000-55000	Employee Benefits		243,760		281,502		281,501		281,501		311,031
Sub-total Salary &	Employee Benefits	\$	611,726	\$	669,401	\$	669,400	\$	669,400	\$	800,691
Services & Suppli	es										
67250	Insurance	\$	-	\$	-	\$	-	\$	-	\$	-
67300	Rents & Leases Equipment		-		-		-		-		-
67350	Rents & Leases Structure		-		-		-		-		-
67400	Household		-		-		-		-		-
67450	Professional & Special Services		37,289		85,200		75,200		40,000		85,200
67460	Temporary Agency Services		6,504		-		18,000		18,000		-
67500	Public Notice & Advertising		140,633		90,000		90,000		90,000		90,000
67550	Demurrage		-		-		-		-		-
67600	Maintenance of Equipment		-		200		200		200		200
67650	Building Maintenance		-		-		-		-		-
67700	Auto Mileage		-		100		100		100		100
67750	Auto Service		-		-		-		-		-
67800	Travel		-		200		300		300		200
67850	Utilities		-		_		-		-		-
67900	Communications		546		500		500		500		500
67950	Interest Expense		-		-		-		-		-
68000	Clothing		-		-		-		-		-
68050	Laboratory Supplies		-		-		-		-		-
68060	Postage		1,258		1,200		1,200		1,200		1,200
68100	Office Expense		760		6,600		6,600		6,600		6,600
68200	Office Furniture		-		-		-		-		-
68250	Subscriptions & Books		-		_		-		-		-
68300	Small Tools, Instruments, Equipment		-		_		-		-		-
68400	Gas and Oil		-		-		-		-		-
69500	Training/Conference/Tuition/ Board Exp.		541,565		584,920		576,820		550,000		584,920
69550	Memberships		270		300		300		300		300
69600	Taxes		-		_		-		-		-
69650	Awards		-		_		-		-		-
69700	Miscellaneous Expenses		-		500		500		500		500
69750	Prior Year Expense		-		-		-		-		-
69800	Uncollectable Accounts Receivable		_		-		-		-		-
89100	Principal Repayment		_		-		-		-		-
Sub-total Services		\$	728,825	Ś	769,720	\$	769,720	\$	707,700	Ś	769,720
77000	Capital Outlays	\$	-	\$	-	\$	-	\$	-	\$	-
79050	Building Remodeling	\$		\$	_	\$	_	\$	-	\$	
Total Expenditure		\$	1,340,551	\$	1,439,121		,439,120		,377,100	\$	1,570,41
· ·	is d on July 2021 through February 2022 actual exp						,433,120	1 ب	,3//,100	٧	1,370,41

COMPLIANCE & ENFORCEMENT

TERRENCE MANN DEPUTY EXECUTIVE OFFICER

At a Glance:	
FY 2021-22 Adopted	\$21.5M
FY 2022-23 Budget	\$23.8M
% of FY 2022-23 Budget	12.6%
Total FTEs FY 2022-23 Budget	162

DESCRIPTION OF MAJOR SERVICES:

Compliance and Enforcement (C&E) ensures public health by conducting unannounced field inspections to verify compliance with South Coast AQMD, state and federal rules and regulations and investigating air quality complaints and equipment breakdowns. Title V and RECLAIM sources are inspected at least annually, with the exception of select industries targeted for more frequent evaluation (e.g., at least quarterly inspection of chrome plating facilities). All other 25,000 stationary sources and 13,000 PERP engines/equipment are inspected at least once every three years. Notices to Comply are issued when additional information is required of a source to determine compliance, and for minor administrative violations. Notices of Violation are issued for more serious, typically emissions-based violations. Other activities include participation in Emergency Response and joint inspection activities with other agencies, providing expert testimony before the South Coast AQMD Hearing Board, and conducting training classes for the public and regulated community.

ACCOMPLISHMENTS:

RECENT:

- Completed 185 inspections of chrome plating facilities (quarterly inspections of 94 facilities).
- Completed 78 Title V facility inspections.
- Completed 157 RECLAIM facility audits.
- Completed inspections of 1,612 other permitted stationary source facilities.
- Completed inspections of 2,271 PERP-registered engines/equipment.
- Responded to 12,521 complaints (94% of those received).
- Responded to 267 breakdown notifications (81% of those received).
- Issued 666 Notices to Comply and 381 Notices of Violation (NOVs).
- Conducted 25 training classes for members of the public and the regulated community.

COMPLIANCE & ENFORCEMENT (cont.)

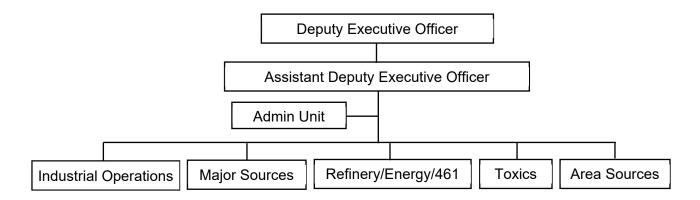
ANTICIPATED:

- Asbestos Strike Force
 - Due to the current global health crisis, we will attempt to maintain the number of asbestos notification inspections at 1,200.
- Marine Vessel & Terminal Inspection Program: Operation Sea Force (Community Emissions Reduction Plan [CERP Action])
 - Perform surveillance and track marine vessels in the South Coast AQMD waters that vent emissions into the atmosphere without notification or due to poor maintenance.
 - Attempt to board and inspect two marine oil tankers per week for Rule 1142 compliance.
- Complaint Prioritization
 - Improve timelines of complaint response by meeting the first contact complaint response time goal of two hours for an average of at least 85 % of the time.
- Inspection Prioritization
 - Due to the current global health crisis, we will attempt to maintain the number of non-Title V/non-RECLAIM inspections at 7,000 annually.
- Oil and Gas Inspections (CERP) Action)
 - Coordinate efforts with the Monitoring team to conduct inspections of oil wells that have elevated pollutants during mobile platform surveys.
- Idling Truck Program (CERP Action)
 - Conduct quarterly sweeps in three AB 617 communities, including at locations identified by community members.
 - Work with CARB and Legislative & Public Affairs/Media Office (LPAM) to have "No Idling Signage" installed in AB 617 communities and schools.
- Rendering Plants (CERP Action)
 - Continue responding to rendering odor complaints and update complainants on a timely basis.
 - Conduct inspections to evaluate compliance with Rule 415.
- Rule 1180 Refinery Community and Fenceline Monitoring Response
 - Respond to public complaints and investigate emission exceedances of pollutants which exceed pre-determined thresholds.
- Work with Planning, Rule Development and Area Sources staff on continued rule development to ensure clear and enforceable rules and effective notification systems.
- Conduct additional multi-agency inspection sweeps to identify and confirm possible sources of excess Cr6 emissions in other communities.
- Reduce paperwork and streamline the report writing process to increase inspection efficiencies.
- Efficiently move NOV reports to the General Counsel's office.
- Work closely with the General Counsel's office to address significant violations.
- Work closely with monitoring and rule-making staff to identify, assess, and address facilities with high emissions.

COMPLIANCE & ENFORCEMENT (cont.)

• Update policies and procedures governing enforcement actions.

ORGANIZATIONAL CHART:



POSITION SUMMARY: 162 FTEs

	Amended		Budget
Office of Compliance and Enforcement Units	FY 2021-22	Change	FY 2022-23
Major Sources	22	-	22
Industrial Operations	52	(1)	51
Refinery/Energy/461	34	(1)	33
Toxics	38	(1)	37
Area Sources	9	-	9
Administrative Unit	4	2	6
Senior Staff	4	-	4
Total	163	(1)	162

COMPLIANCE & ENFORCEMENT (cont.)

POSITION DETAIL:

FTEs	<u>Title</u>
3	Administrative Assistant I
6	AQ Analysis & Compliance Supervisor
89	AQ Inspector II
17	AQ Inspector III
1	Assistant Deputy Executive Officer
1	Deputy Executive Officer
6	Office Assistant
4	Program Supervisor
2	Senior Administrative Assistant
5	Senior Enforcement Manager
5	Senior Office Assistant
1	Staff Assistant
4	Staff Specialist
17	Supervising AQ Inspector
<u>1</u>	Supervising Office Assistant
162	Total FTEs

			Complian	Compliance & Enforcement				
			Work P	Work Program by Office				
	Program				FTEs		FTEs	Revenue
#	Code	Program Category	Program	Activities	FY 2021-22	÷	FY 2022-23	Categories
1	60 013	60 013 Ensure Compliance	AAA-Irvine Activities	All American Asphalt Activities	00:00	0.20	0.20	XVII
2	60 015	019 Ensure Compliance	AB617-Prog Develop	AB617-Program Development	5.10	0.10	5.20	XI
3	030	030 Advance Clean Air Technology	AB134	AB134	0.25	0.05	0:30	IX
4	380 09	038 Customer Service and Business Assistance	Admin/Office Budget	Dev/Coord Goals/Policies/Overs	2.00	0.00	5.00	qI
2	60 047	047 Customer Service and Business Assistance	Admin/Operations Support	Budget/Contracts/Reports/Projects	3.00	0.00	3.00	qı
9	020 09	070 Ensure Compliance	CARB PERP Program	CARB Audits/Statewide Equip Reg	00.9	0.00	90.9	XIX
7	: 20 09	071 Ensure Compliance	Arch Ctgs - Admin	Report Review	00:0	0.10	0.10	III/X
∞	20 09	072 Ensure Compliance	Arch Ctgs - End User	Compliance/Rpts/RuleImpmenta	0.00	0.70	0.70	III/X
6	90 02	073 Ensure Compliance	Arch Ctgs - Other	Compliance/Rpts/Rule Implementation	0.00	1.00	1.00	III/X
10	09	076 Ensure Compliance	Area Sources/Compliance	Area Source Compliance	00:00	5.25	5.25	III/X
11	09	077 Develop Rules	Area Sources/Rulemaking	Dev/Amend/Area S Rules/Credits	00.00	0.10	0.10	III/X
12	09	093 Ensure Compliance	CARB Oil & Gas Reg.	GHG EM Stds Oil/NG Facilities	4.00	1.00	2.00	XVII
13	09	152 Ensure Compliance	Compliance/IM Related Activiti	Assist IM: Design/Review/Test	0.20	0.10	0.30	IV
14	09	155 Ensure Compliance	Compliance Guidelines	Procedures/Memos/Manuals	0.25	-0.05	0.20	N
15	09	157 Ensure Compliance	Compliance/Special Projects	Prog Audits/Data Req/Brd Supp	4.00	1.00	2.00	11
16	09	158 Ensure Compliance	Compliance Testing	R461/Combustion Equip Testing	0.50	0.50	1.00	IV
17	60	210 Monitoring Air Quality	Emergency Response	Emerg Tech Asst to Public Saf	0.10	0.00	0.10	IV,XV
18	60	276 Policy Support	Board Committees	Admin/Stationary Source Committee	0.10	0.00	0.10	la
19	9	358 Ensure Compliance	GHG Rules-Compl	Greenhouse Gas Rule Compliance	0.00	1.30	1.30	XVII
20	60	365 Ensure Compliance	Hearing Bd/Variances	Variances/Orders of Abatement	0.25	-0.05	0.20	VII
21	60	368 Develop Programs	Incentive RFP Emis Red Projs	Incentive Projects Admin	0.00	0.10	0.10	XVII
22	60	375 Ensure Compliance	Inspections	Compliance/Inspection/Follow-up	85.00	-10.00	75.00	II,V,XV
23	9	377 Ensure Compliance	Inspections/RECLAIM Audits	Audit/Compliance Assurance	16.00	0.00	16.00	II,IV
24	60	492 Customer Service and Business Assistance	Outreach/Business	Pub Events/Conf/Rideshare Fair	0.10	0.00	0.10	IX
25	09	503 Develop Programs	PM Strategies	PM10 Plan/Analyz/Strategy Dev	00:00	0.10	0.10	XV
26	09	539 Ensure Compliance	Procedure 5 Review	Evaluate Proc 5 Asbestos Plans	3.00	2.00	5.00	XVII
27	09	550 Ensure Compliance	Public Complaints/Breakdowns	Compltresp/Invflwup/Resolutn	10.00	0.00	10.00	II,IV,V,XV
28	09	565 Customer Service and Business Assistance	Public Records Act	Comply w/ Public Req for Info	0:30	0.00	0:30	la
29	9	605 Ensure Compliance	RECLAIM/Admin Support	Admin/Policy/Guidelines	0.25	0.25	0.50	II,III,IV,XV
30	9	645 Ensure Compliance	Rule 1610 Plan Verification	Old vehicle scrapping	0.00	0.25	0.25	×
31	9	657 Develop Rules	Rulemaking/Support PRA	Provide Rule Development Supp	1.10	-0.30	0.80	IV,XV
32	60	678 Ensure Compliance	School Siting	Identify Haz. Emission Sources near Schools	0.10	0.00	0.10	IV
33	60	690 Customer Service and Business Assistance	Source Education	Prov Tech Asst To Industries	0.20	0.80	1.00	III,IV,V,XV
34	9	717 Policy Support	Student Interns	Gov Board/Student Intern Program	0.10	-0.10	0.00	la
35	09	721 Ensure Compliance	Sunshine Cyn Lndfll	Sunshine Canyon Landfill	00:00	0.10	0.10	II/X
36	09	771 Ensure Compliance	Title V	Title V Compl/Inspect/Follow Up	4.50	3.50	8.00	II,IV
37	09	805 Operational Support	Training	Dist/Org Unit Training	4.00	0.00	4.00	qı
38	9	825 Operational Support	Union Negotiations	Official Labor/Mgmt Negotiate	0.10	0.00	0.10	la
39	9	826 Operational Support	Union Steward Activities	Rep Employees in Grievance Act	0.10	0.00	0.10	la
40	9	834 Develop Programs	Rule 2202 Implement	R2202 Proc/Sub Plans/Tech Eval	00:00	0.10	0.10	×
41	9	855 Operational Support	Web Tasks	Creation/Update of Web Conten	0.40	-0.40	0.00	la
45	09	880 Operational Support	Inclusion/Equity	Inclusion/Diversity/Equity	0.00	0:30	0.30	1a

Total Compliance & Enforcement

				Compliance & Enforcement Line Item Expenditure								
	oject / Account # / Account Description		FY 2020-21 Actuals		FY 2021-22 opted Budget		FY 2021-22 ended Budget		FY 2021-22 Estimate *		FY 2022-23 posed Budget	
Salary & Employee			42 247 027	<u>,</u>	42.004.656	<u> </u>	44427.260	,	12.004.570	<u>,</u>	44.002.040	
51000-52000 53000-55000	Salaries	\$	12,247,937 6,907,119	\$	12,901,656	\$	14,137,369 8,197,222	\$	13,961,579	\$	14,903,918 8,470,843	
	Employee Benefits	\$	19,155,056	ć	8,197,222	\$		<u>۲</u>	8,095,294	ć		
	Employee Benefits	Ş	19,155,056	\$	21,098,877	Ş	22,334,591	Ş	22,056,873	\$	23,374,761	
Services & Supplie		_		<u>,</u>		\$		Ś		<u>,</u>		
67250	Insurance	\$		\$		\$		\$		\$		
67300	Rents & Leases Equipment		100 112		- 444.542		17,000		17,000		- 444 542	
67350	Rents & Leases Structure		106,143		111,543		111,543		111,543		111,543	
67400	Household		2 402		12.500		12.500		10,000		7.500	
67450	Professional & Special Services		3,492		12,500		12,500				7,500	
67460	Temporary Agency Services						10,000		10,000		-	
67500	Public Notice & Advertising		-		-		-		-		-	
67550	Demurrage		- 1704		-	<u> </u>	-		-		- 22.000	
67600	Maintenance of Equipment		1,734		22,000	<u> </u>	22,000		22,000		22,000	
67650	Building Maintenance					<u> </u>	- 1 000				- 1 000	
67700	Auto Mileage		73		1,000		1,000		1,000		1,000	
67750	Auto Service		-		-	<u> </u>	-		-		-	
67800	Travel		-		15,000	<u> </u>	8,000		3,000		10,000	
67850	Utilities		-		-	<u> </u>	-		-		-	
67900	Communications		136,089		117,350		111,350		111,350		117,350	
67950	Interest Expense		-		-		-		-		-	
68000	Clothing		6,357		31,000		27,000		27,000		42,457	
68050	Laboratory Supplies		877		12,000		12,000		12,000		17,000	
68060	Postage		9,081		14,000		8,000		8,000		10,000	
68100	Office Expense		11,487		40,000		30,000		30,000		40,000	
68200	Office Furniture		-		2,000		2,000		2,000		-	
68250	Subscriptions & Books				457		457		457			
68300	Small Tools, Instruments, Equipment		3,955		8,000		8,000		8,000		8,000	
68400	Gas and Oil		-		-				-			
69500	Training/Conference/Tuition/ Board Exp.		7,370		25,000		25,000		25,000		25,000	
69550	Memberships		-		-		-		-		-	
69600	Taxes		-		-		-		-		-	
69650	Awards		-		-		-		-		-	
69700	Miscellaneous Expenses		932		3,500		3,500		3,500		3,500	
69750	Prior Year Expense		(38)		-		-		-		-	
69800	Uncollectable Accounts Receivable		-		-		-		-		-	
89100	Principal Repayment		-		-		-		-	<u> </u>	-	
Sub-total Services	& Supplies	\$	287,551	\$	415,350	\$	409,350	\$	401,850	\$	415,350	
77000	Capital Outlays	\$	-	\$	27,000	\$	140,000		140,000	\$	-	
79050	Building Remodeling	\$	-	\$	-	\$	-	\$	-	\$	-	
Total Expenditures		\$	19,442,607	\$	21,541,227	\$	22,883,941	\$	22,598,723	\$	23,790,111	

ENGINEERING & PERMITTING PROGRAM STATEMENT FOR FY 2022-23 BUDGET

JASON ASPELL DEPUTY EXECUTIVE OFFICER

At a Glance:	
FY 2021-22 Adopted	\$25.4M
FY 2022-23 Budget	\$27.1M
% of FY 2022-23 Budget	14.3%
Total FTEs FY 2022-23 Budget	163

DESCRIPTION OF MAJOR SERVICES:

Engineering & Permitting (E&P) is responsible for processing applications for Permits to Construct & Operate, and special services. The permit processing activities involve approximately 340 major facilities that have been issued Title V Federal Operating permits, about 240 facilities in the RECLAIM program, and over 25,000 large and small business operations. In addition, staff also participates in activities with other agencies, assists with Economic Development and Business Retention programs, provides engineering support to other divisions, and evaluates and implements permit backlog reduction and permit streamlining activities, including automation and other permit processing modernization efforts.

ACCOMPLISHMENTS:

RECENT:

- Since the commencement of the backlog reduction effort in July 2016, reduced and maintained reduction of total pending applications by over 52%, from around 7,300 to roughly 3,500 pending applications.
- Continued permit streamlining efforts by:
 - Processing almost 2,100 Permits to Construct and over 5,600 applications for Permits, Plans, and ERC during Fiscal Year (FY) 2020-21;
 - Focusing on reducing last remaining aged permit applications to extent possible;
 and
 - Continuing to focus on reducing pending applications beyond targets established in 2016 Action Plan to establish a cushion to help address additional incoming permit applications anticipated from RECLAIM program phase-out over the next one to three years.
- Sustained the 3,000 3,500 (less RECLAIM transition applications, less Permits to Construct issued) target from FY 2020-21 by maintaining pending application inventory at less than 2,800.

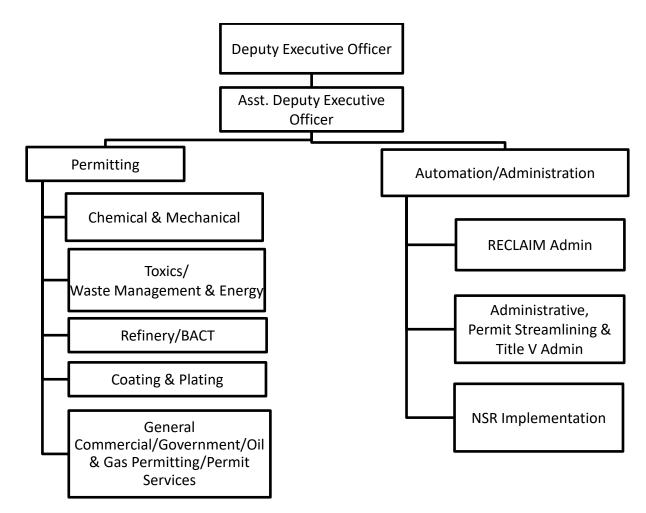
- Achieved and maintained the timely completion rate for new permit applications by processing over 70 percent of new permit applications within 180 days of being deemed complete.
- Issued 175 Title V renewal and modification permits in Calendar Year (CY) 2021.
- Maintained in-office levels of production and processing of applications and permits with up to 80% of E&P Staff continuing to work at home due to continuing COVID-19 restrictions.
- Continued development of Online Permit Processing tools and other automation efforts. Continued support for online applicants for dry cleaning equipment, gasoline dispensing facilities, automotive refinishing spray booths, negative air machines, charbroilers, and small heaters and boilers. Almost 500 applications were filed online during CY 2021.
- Maintained and achieved Division's Permit Streamlining goal of application delivery to Permitting Teams within an average of 4 business days.
- Continued implementation of EPA Title V Program Audit Findings Action Plan.
- Continued efforts to post all newly issued Title V permits to the internet for online public access on an ongoing basis.
- Participated in public meetings to address public concerns regarding high toxic risks and emissions.
- Assisted in developing and amending South Coast AQMD Rules and Regulations such as Reg. III, Reg. XI, Reg. XIII, Reg. XIV, and other amendments called for under AB 617, including Reg. XX, and incorporating updated Best Available Retrofit Control Technology (BARCT). This also included a significant effort in support of Rule 1109.1, which includes significant permit application and plan requirements.
- Participated in AB617 Community Meetings and in the Community Emissions Reduction Plan (CERP) implementation with respect to permitting crosschecks.
- Provided Pre- and Post-application conferences to help permit applicants.
- Participated, reviewed, and provided permit remedies to permit holders throughout CY 2021 from Fee Review cases.
- Provided technical support to IM to test and troubleshoot CLASS programs issues.
- Successfully provided engineering support and/or expert testimony in Hearing Board cases throughout CY 2021.
- Continued to maintain the Certified Permitting Professional (CPP) program. Reached out to existing CPP holders to provide support and to update and confirm contact information. Exploring new testing strategies due to ongoing COVID-19 pandemic.
- Prepared Federal New Source Review (NSR) Equivalency Determination Reports pursuant to Rule 1315.
- Prepared annual report on the NOx and SOx RECLAIM Program in accordance with Rule 2015.

ANTICIPATED:

- Maintain the pending permit applications inventory excluding Permits to Construct issued and RECLAIM transition applications at or near 3,000, and total pending applications inventory to below 3,500.
- Continue to maintain the timely completion rate for new permit applications by processing 75 to 80 percent of new permit applications within 180 days of being deemed complete.
- Monitor and reduce average permit application residence times.
- Continue to complete timely renewal of Title V permits.
- Continue to implement action plan to further improve Title V program pursuant to EPA's recommendations:
 - a) Continue to prepare expanded Statement of Basis (SOB) for all initial Title V permits, at least 10 percent of Title V renewals, and all De-Minimis and Significant Title V revisions,
 - b) Continue efforts to develop automated capability to publish Title V permits online,
 - c) Provide more detailed accounts of applicable federal requirements in Title V permits,
 - d) Provide public with online access to all issued Title V permits, and
 - e) Develop formal policy for sources exiting the Title V program.
- Continue efforts to streamline and expedite permit issuance through:
 - a) Equipment certification/registration programs
 - b) Streamlined standard permits
 - c) Enhancement of permitting systems (including electronic permitting)
 - d) Expedited Permit Processing Program
 - e) Maintaining adequate staff resources
 - f) Improve technical training.
 - g) Revisiting policies and rules.
- Expand the outreach of the online permitting and permit automation tools for dry cleaning, gasoline dispensing facilities, automotive spray booths, negative air machines, small heaters and boilers, charbroilers, and future modules.
- Continue the development and deployment of Phase II Online Permitting efforts:
 - a) Maintain existing internal and external-facing Permit Application Status Dashboard, and implement enhancements based on user feedback,
 - b) Remaining Rule 222 Filing & Registration Forms,
 - c) Registration/Certification for Emergency Generators,
 - d) 400-E-xx Permit Application Forms, and
 - e) Future enhancements to Dry Cleaning, Gasoline Dispensing and Automotive Spray Booth modules.
- Continue permit processing modernization efforts through the development of a plan and business model that will facilitate transition to electronic permit application submittal and processing and can be deployed as soon as the development of electronic smart permit applications forms is complete.

- Resume implementation of the staff recognition program, recognizing top performing individuals and teams to help maintain high morale and acknowledge performance.
- Continue to improve and monitor the operational and permitting efficiency of permitting teams by:
 - a) Streamlining workflow,
 - b) Enhancing permitting tools,
 - c) Standardizing permit conditions,
 - d) Reviewing and updating outdated Permitting Policies and Procedures, and
 - e) Standardizing time and processing status metrics for monitoring permit applications through completion.
- Continue soliciting stakeholder input on permit application backlog reduction and permit streamlining efforts through Permit Streamlining Task Force subcommittee meetings.
- Resume certification testing of Certified Permitting Professionals (CPPs).
- Continue to improve customer services and public outreach by:
 - a) Providing public education by attending public meetings and addressing public concerns,
 - b) Aiding permit applicants through pre- and post-conferences, and
 - c) Providing permitting information for Public Record requests.
- Continue to evaluate the optional Expedited Permitting Program and propose improvements if warranted.
- Continue to update and expand the Permit Processing Handbook.
- Review and comment on Rule 1402 Risk Reduction Plans.
- Continue to provide critical input in developing and amending South Coast AQMD Rules.
- Continue to provide critical input to Compliance & Enforcement in enforcing South Coast AQMD Rules.
- Continue to provide support in Fee Review cases and Hearing Board cases.
- Continue to prepare Federal NSR Equivalency Determination Reports pursuant to Rule 1315.
- Continue to prepare annual report on the NOx and SOx RECLAIM Program in accordance with Rule 2015.
- Continue to provide critical guidance to PRDAS in developing a streamlined NSR process for facilities exiting the RECLAIM program.
- Continue to provide training for new engineers and newly promoted supervisors
- Begin implementation of Rule 1109.1 application processing and reporting (refinery rule associated with RECLAIM sunset)

ORGANIZATIONAL CHART:



POSITION SUMMARY: 163 FTEs

	Amended		Budget
Engineering & Permitting	FY 2021-22	Change	FY 2022-23
Administration	4	-	4
Engineering	132	-	132
Operations	27	-	27
Total	163	-	163

POSITION DETAIL:

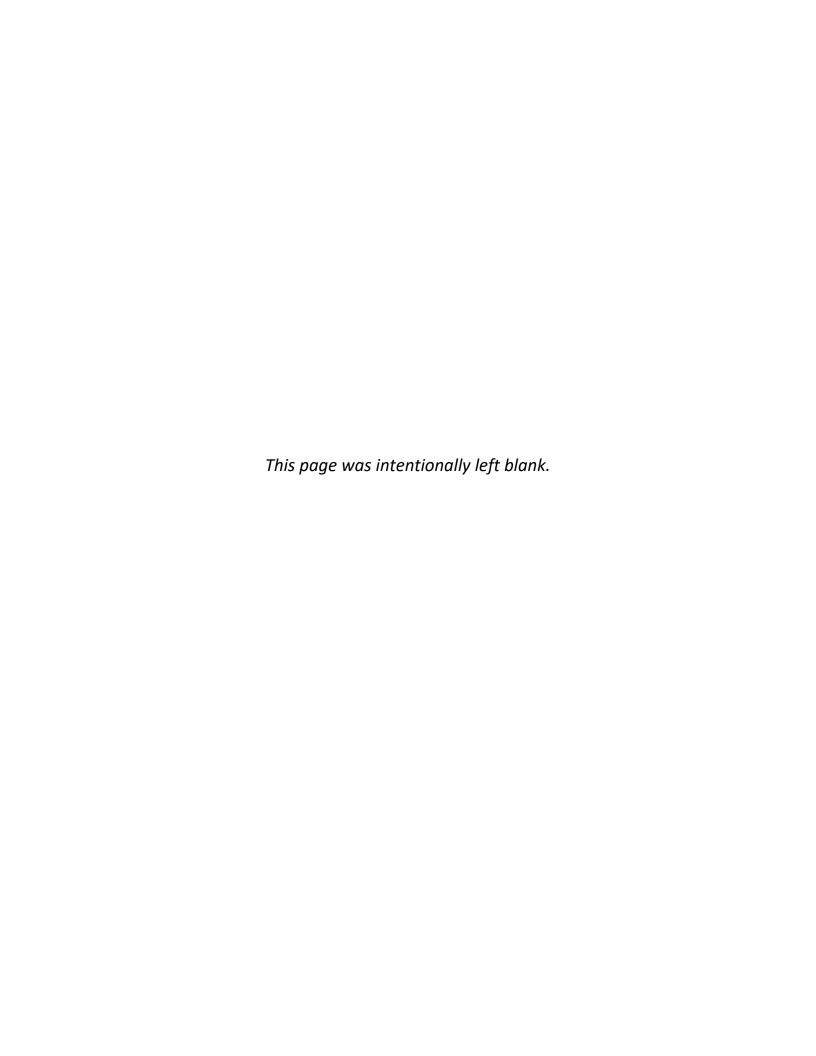
<u>FTEs</u>	<u>Title</u>
90	Air Quality Engineer II
1	Air Quality Specialist
1	Assistant Deputy Executive Officer
2	Data Technician
1	Deputy Executive Officer
1	Office Assistant
5	Administrative Assistant I
2	Senior Administrative Assistant
20	Senior Air Quality Engineer
7	Senior Air Quality Engineering Manager
17	Senior Office Assistant
2	Staff Specialist
10	Supervising Air Quality Engineer
2	Program Supervisor
2	Supervising Office Assistant
163	Total FTEs

Royconilo	Categories	×	qı	qı	≡	II,IX	III,IV,XV	≡	II,IV,XV	≡	II,III,IV	la	VII	≡	II,IV	la	≡	II,III,V,XV	=	II,V,IX,XV	II,XV	III,XV	III,IV,XV	≡	≡	≡	≡	la	II,III,IV,XV	≡	Ν	II,XV	=	II,XV	=	N,IV	III,IV,V,XV	N,III,IN	II,V,XV
_ E1	-23	1.20	3.00	3.00	1.00	0.50	3.00	0.10	0.50	3.50	0.45	0.25	0.75	0.25	6.00	0.25	1.00	2.50	0.50	0.50	50.25	12.50	4.00	1.00	1.00	4.00	4.75	0.25	6.50	18.40	0.50	0.25	1.80	0.25	0.25	0.50	2.80	2.55	0.25
-	+- F	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80	0.00	0.00	0.00	0.00	0.00	0.00
	FY 2021-22	1.00	3.00	3.00	1.00	0.50	3.00	0.10	0.50	3.50	0.45	0.25	0.75	0.25	00.9	0.25	1.00	2.50	0.50	0.50	50.25	12.50	4.00	1.00	1.00	4.00	4.75	0.25	6.50	18.40	0.50	0.25	0.00	0.25	0.25	0.50	2.80	2.55	0.25
Engineering & Permitting Work Program by Office	Activities	AB617-Program Development	Dev/Coord Goals/Policies/Overs	Budget/Contracts/Reports/Projects	Certification/Registration Prog	GHG/Climate Change Support	Prov Permit Info to Compliance	Perm Proc/Public Participation	R461/Combustion Equip Testing	Process ERC Applications	Fee Review Committee	Admin/Stationary Source Committees	Variances/Orders of Abatement	Appeals: Permits & Denials	Audit/Compliance Assurance	Legislative Activities	Supp Perm Proc/Customer Svc	Implement NSR/Allocate ERCs	Edit/Update NSR Data	Compliance/Inspection/Follow-up	PP: Non TitlV/TitlIII/RECLAIM	Facility Data-Create/Edit	Process RECLAIM Only Permits	Process Title III Permits	Pre-App Mtgs/Genl Prescreening	Proc Expedited Permits (3010T)	Permit Streamlining	Comply w/ Public Reg for Info	Admin/Policy/Guidelines	Process RECLAIM & TV Permits	Rule 222 Filing Program	Dev/Amend/Impl Rules	Dev/Amend BACT Guidelines	Provide Rule Development Supp	Identify Haz. Emission Sources near Schools	Asst sm bus w/ Permit Process	Prov Tech Asst To Industries	Assist IM: Design/Review/Test	Title III Dev/Implement Rules
Engine Work I	Program	AB617-Prog Develop	Admin/Office Management	Admin/Operations Support	Certification/Registration Pro	Climate/Energy/Incentives	Perm Proc/Info to Compliance	Economic Dev/Bus Retention	Environmental Justice	ERC Appl Processing	Fee Review	Board Committees	Hearing Bd/Variances	Hearing Board/Appeals	Inspections/RECLAIM Audits	Legislative Activities	Lobby Permit Services	NSR Implementation	NSR Data Clean Up	Customer Service	Perm Proc/Non TV/Non RECLAIM	Permit Services	RECLAIM Non-Title V	Perm Proc/Title III (Non TV)	Perm Proc/Pre-Appl Mtg Outreac	Perm Proc/Expedited Permit	Permit Streamlining	Public Records Act	RECLAIM/Admin Support	RECLAIM & Title V	Rule 222 Filing Program	Rulemaking	Rulemaking/BACT	Rulemaking/Support PRA	School Siting	Small Business Assistance	Source Education	Perm Proc/IM Programming	Title III Rulemaking
	Program Category	50 019 Develop Programs	038 Customer Service and Business Assistance	047 Customer Service and Business Assistance	120 Timely Review of Permits	148 Policy Support	156 Ensure Compliance	200 Customer Service and Business Assistance	240 Ensure Compliance	253 Timely Review of Permits	260 Customer Service and Business Assistance	276 Policy Support	365 Ensure Compliance	367 Timely Review of Permits	377 Ensure Compliance	416 Policy Support	425 Customer Service and Business Assistance	475 Timely Review of Permits	476 Timely Review of Permits	492 Ensure Compliance	515 Timely Review of Permits	517 Timely Review of Permits	518 Timely Review of Permits	519 Timely Review of Permits	520 Customer Service and Business Assistance	521 Timely Review of Permits	523 Timely Review of Permits	565 Customer Service and Business Assistance	605 Ensure Compliance	607 Timely Review of Permits	643 Timely Review of Permits	650 Develop Rules	653 Develop Rules	657 Develop Rules	678 Ensure Compliance	680 Ensure Compliance	690 Customer Service and Business Assistance	728 Timely Review of Permits	752 Develop Rules
Drogram	Code) 019 C			\neg		\neg					\neg		\neg			\neg	50 475 T	\neg		\neg		$\overline{}$	\neg	$\overline{}$	$\overline{}$		\neg	$\overline{}$	\neg	50 643 T	20 650 E			\neg	50 680 E	-		50 752 E
	#	1 50	2 50	3 50	4 50	5 50	9	7 50	8 50	\dashv	10 50	11 50	12 50	13 50	14 50	15 50	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	22 50	\dashv	24 50	\dashv	26 50	\dashv	28 50	\dashv	30 20	31 50	-		\dashv	\dashv	\dashv	\dashv	38 20

			Engineering Work Pr	Engineering & Permitting (Cont.) Work Program by Office				
ļ <u>⊸</u>	Program	l ui			FTES		FTES	Revenue
	Code	Program Category	Program	Activities	FY 2021-22	-/+	FY 2022-23	Categories
ı	50 7	50 773 Develop Rules	Title V & NSR Rulemaking-Supp	Title V Rules Dev/Amend/Impl	0.25	5 0.00	0.25	=
	50 7	50 774 Timely Review of Permits	TV/Non-RECLAIM	Process Title V Only Permits	18.00	00:00	18.00	=
	50 7	41 50 775 Timely Review of Permits	Title V – Admin	Title V Administration)'T	1.00 0.00	1.00	=
	50 7	50 791 Ensure Compliance	Toxics/AB2588	AB2588 Rev Rprts/Risk Redplans	0.25	00:0	0.25	×
	50 8	50 805 Operational Support	Training	Dist/Org Unit Training	;·E	3.10 0.00	3.10	qI
44	50 8	50 825 Operational Support	Union Negotiations	Official Labor/Mgmt Negotiate)'0	0.05 0.00	0.05	la
	50 8	50 826 Operational Support	Union Steward Activities	Rep Employees in Grievance Act)'0	0.05 0.00	0.05	la
	50 8	46 50 855 Operational Support	Web Tasks	Creation/Update of Web Content	0.25	0.00	0.25	la

Total Engineering & Permitting

			gineering & Pe ine Item Exper							
	bject / Account # / Account Description		FY 2020-21 Actuals		FY 2021-22 opted Budget	FY 2021-22 ended Budget		FY 2021-22 Estimate *		FY 2022-23 posed Budget
Salary & Emplmy										
51000-52000	Salaries	\$	15,510,843	\$	15,513,148	\$ 15,944,055	\$	15,745,800	\$	17,227,792
53000-55000	Emplmyee Benefits		8,363,101		9,479,429	9,479,428		9,361,557		9,541,732
Sub-total Salary 8	k Emplmyee Benefits	\$	23,873,944	\$	24,992,577	\$ 25,423,483	\$	25,107,356	\$	26,769,524
Services & Suppli	es									
67250	Insurance	\$	-	\$	-	\$ -	\$	-	\$	-
67300	Rents & Leases Equipment		-		8,000	8,000		8,000		8,000
67350	Rents & Leases Structure		-		8,000	8,000		8,000		8,000
67400	Household		-		-	-		-		-
67450	Professional & Special Services		1,790		2,500	2,500		2,500		2,500
67460	Temporary Agency Services		19,954		60,000	60,000		60,000		60,000
67500	Public Notice & Advertising		59,534		116,000	116,000		100,000		116,000
67550	Demurrage		-		250	250		250		250
67600	Maintenance of Equipment		-		-	-		-		-
67650	Building Maintenance		-		-	-		-		-
67700	Auto Mileage		8		35,000	35,000		15,000		35,000
67750	Auto Service		-		-	-		-		-
67800	Travel		-		14,433	14,433		10,000		14,433
67850	Utilities		-		-	-		-		-
67900	Communications		17,831		6,450	16,450		16,450		6,450
67950	Interest Expense		-		-	-		-		-
68000	Clothing		59		4,500	4,500		4,500		4,500
68050	Laboratory Supplies		-		-	-		-		-
68060	Postage		12.694		37.000	37.000		20.000		37.000
68100	Office Expense		28,530		59,296	59,296		40,296		59,296
68200	Office Furniture		1,528		3,500	3,500		3,500		3,500
68250	Subscriptions & Books		-		400	400		400		400
68300	Small Tools, Instruments, Equipment		-		-	-		-		-
68400	Gas and Oil		-		_	-		_		-
69500	Training/Conference/Tuition/ Board Exp.		5.341		5,500	5,500		5,500		5,500
69550	Memberships		98		1,500	1,500		1,500		1,500
69600	Taxes		-		-	-		-		-
69650	Awards		_		2,000	2,000		2,000		2,000
69700	Miscellaneous Expenses		895		5,000	5,000		5,000		5,000
69750	Prior Year Expense		-		-	-		-		-
69800	Uncollectable Accounts Receivable		_		_	_		-		_
89100	Principal Repayment	1	-		-	-		-		-
Sub-total Services		\$	148,263	Ś	369,329	\$ 379,329	\$	302,896	\$	369,329
77000	Capital mutlays	\$	18,102	\$	-	\$ -	\$	-	\$	-
79050	Building Remmdeling	\$	-	\$		\$ 	\$		\$	
Total Expenditure		\$	24.040.309	\$	25,361,906	\$ 25.802.812	\$	25,410,252	\$	27,138,853
	s don July 2021 through February 2022 actual e		,,	•		 -,,-	٧	23,410,232	٧	21,130,033



FINANCE

SUJATA JAIN CHIEF FINANCIAL OFFICER

At a Glance:	
FY 2021-22 Adopted	\$6.7M
FY 2022-23 Budget	\$6.9M
% of FY 2022-23 Budget	3.6%
Total FTEs FY 2021-22 Budget	51

DESCRIPTION OF MAJOR SERVICES:

Finance provides services to internal and external customers and stakeholders, including fee payers, internal divisions, employees, the Mobile Source Air Pollution Reduction Review Committee, the Building Corporation, and the Health Effects of Air Pollution Foundation. These services are provided through three distinct units: Controller, Financial Services, and Procurement. The Controller is responsible for accounting, financial reporting, accounts payable, payroll, state and federal tax reporting, revenue posting, and asset management. The Financial Services Manager is responsible for budget preparation, budgetary reporting, forecasting, grants management, billing services, and ad-hoc internal financial support/analysis. The Procurement Manager is responsible for the procurement of goods and services, contracting, proposal/bid solicitations and advertising, processing supplier deliveries, and controlling/dispensing/reconciling inventory.

ACCOMPLISHMENTS:

RECENT:

- Continued to expand electronic payment options to include Permit Processing Fee payments for asbestos, dry cleaners, spray booths, gas stations, and a portion of Rule 222 registrations.
- Processed 661 contracts and modifications, issued 28 Request for Proposals/Quotes, and processed 128 proposals/quotations. Processed 1,599 purchase orders and 235 Cal-Card orders.
- Received the Government Finance Officer's Association's (GFOA) awards for the Annual Budget, Annual Comprehensive Financial Report, and Popular Annual Financial Report for the most recent fiscal year.
- Improved the process to track grant receipts and expenditures within PeopleSoft.
- Published South Coast AQMD's FY 2021-22 Budget, which includes goals and priority objectives and a multiyear financial summary of all revenues, expenditures and staffing used by each of South Coast AQMD's divisions.
- Completed FY 2021-22 audited financial statements. These required statements offer shortterm and long-term financial information about South Coast AQMD. The statement of net position provides information about the nature and amounts of investments in resources

FINANCE (cont.)

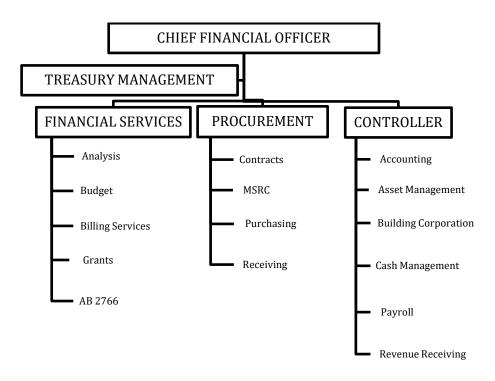
(assets) and obligations (liabilities) at the close of the fiscal year. The financial statements are prepared on the accrual basis in accordance with U.S. Generally Accepted Accounting Principles.

 Implement the new lease accounting standards required by Governmental Accounting Standards Board (GASB) Statement Number 87 for recognizing certain lease assets and liabilities for leases that were operating leases previously, which will impact South Coast AQMD starting with FY 2021-22.

ANTICIPATED:

- Continue to receive GFOA Awards for the Annual Budget, Annual Comprehensive Financial Report, and Popular Annual Financial Report to ensure South Coast AQMD's financial reports meet the highest professional standards.
- Ensure compliance with all AB 617, Community Air Protection Program, and VW Mitigation Settlement guidelines for financial reporting and tracking of revenue and expenditures.
- Continue to identify and implement additional opportunities for electronic payments.

ORGANIZATIONAL CHART:



FINANCE (cont.)

POSITION SUMMARY: 51 FTEs

	Amended		Budget
Finance Units	FY 2021-22	Change	FY 2022-23
Office Administration	3	-	3
Controller	20	1	21
Financial Services	17	-	17
Procurement	10	-	10
Total	50	1	51

POSITION DETAIL:

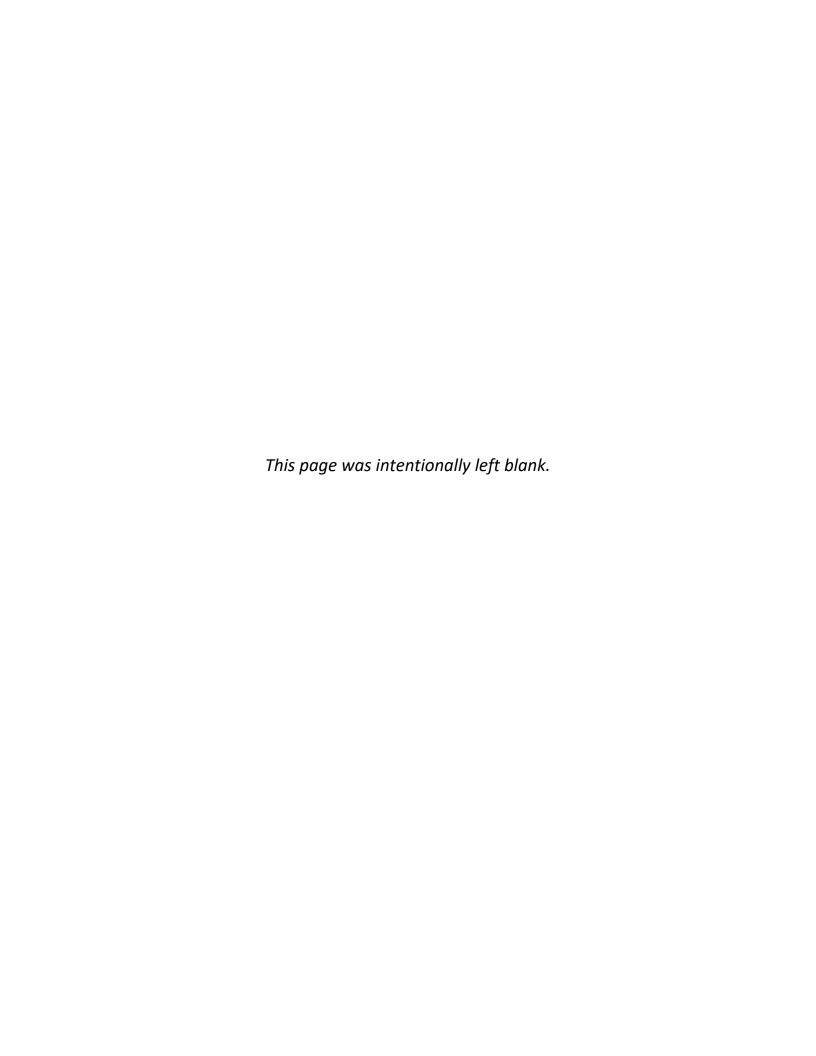
<u>FTEs</u>	<u>Title</u>
2	Accounting Technician
2	Administrative Assistant I
1	Chief Financial Officer
2	Contracts Assistant
1	Controller
1	District Storekeeper
6	Financial Analyst
1	Financial Services Manager
7	Fiscal Assistant
1	Payroll Supervisor
3	Payroll Technician
1	Procurement Manager
2	Purchasing Assistant
1	Purchasing Supervisor
3	Senior Accountant
1	Senior Administrative Assistant
3	Senior Fiscal Assistant
9	Senior Office Assistant
1	Staff Assistant
1	Staff Specialist
1	Stock Clerk
<u>1</u>	Supervising Office Assistant
51	Total FTEs

			Work	Finance Work Program by Office				
	Program	c					ETEc	Revenue
#	Code	Program Category	Program	Activities	FY 2021-22	- /+	FY 2022-23	Categories
1	04 00	04 002 Customer Service and Business Assistance	AB2766/Mobile Source	Prog Admin: Monitor/Dist/Audit	0.10	0.00	0.10	×
2	04 00	003 Advance Clean Air Technology	AB2766/MSRC	MSRC Program Administration	0.35	00.0	0.35	ΧI
3	04 02	020 Operational Support	Admin/SCAQMD Budget	Analyze/Prepare/Impl/Track WP	3.71	0.00	3.71	la
4	04 02	021 Operational Support	Admin/SCAQMD Contracts	Contract Admin/Monitor/Process	3.20	0.00	3.20	la
2	04 02	023 Operational Support	Admin/SCAQMD Capital Assets	FA Rep/Reconcile/Inv/Acct	0.70	0.00	02'0	la
9	04 03	030 Advance Clean Air Technology	AB134	AB134	2.00	0.00	2.00	IX
7	04 03	035 Operational Support	AB617-Support	AB617-Support	0.50	0.00	05.0	×
∞	04 03	038 Operational Support	Admin/Office Management	Fin Mgmt/Oversee Activities	2.75	0.00	2.75	qı
6		045 Operational Support	Admin/Office Budget	Office Budget/Prep/Impl/Track	0.02	0.00	0.02	lb
10	04 07	071 Operational Support	Arch Ctgs - Admin	Cost Analysis/Payments	0.04	0.00	0.04	XVIII
11	04 08	083 Policy Support	Hith Effects Air Pollution Fou	Health Effects Air Poll Foundation Support	0.02	0.00	0.02	la
12		085 Operational Support	Building Corporation	Building Corp Acct/Fin Reports	0.02	0.00	0.02	la
13	04 13	130 Advance Clean Air Technology	Clean Fuels/Contract Admin	Clean Fuels Contract Admin/Monitor	0.15	0.00	0.15	NIII
14		170 Customer Service and Business Assistance	Billing Services	Answer/Resp/Resolv Prob & Inq	8.00	00.0	8.00	II,III,IV
15	04 23	233 Operational Support	Employee Relations	Assist HR/Interpret Salary Res	0.10	0.00	0.10	la
16	04 26	260 Customer Service and Business Assistance	Fee Review	Cmte Mtg/Fee-Related Complaint	0.10	0.00	0.10	II,III,IV,XV
17	04 26	265 Operational Support	Financial Mgmt/Accounting	Record Accts Rec & Pay/Rpts	7.27	0.00	7.27	la
18		266 Operational Support	Financial Mgmt/Fin Analysis	Fin/SCAQMD Stat Analysis & Audit	0.80	0.00	0.80	la
19	04 26	267 Operational Support	Financial Mgmt/Treasury Mgmt	Treas Mgt Anlyz/Trk/Proj/Invst	1.00	0.00	1.00	la
20		268 Operational Support	Financial Systems	CLASS/Rev/Acct/PR/Sys Analyze	0.10	0.00	0.10	la
21	04 35	355 Customer Service and Business Assistance	Grants Management	Grant Anlyz/Eval/Negot/Acc/Rpt	1.00	0.00	1.00	IV,V,XV
22	04 44	447 Operational Support	Mobile Sources/Accounting	Record Acct Rec & Pay/Special Funds	0.65	0.00	0.65	IX
23		457 Advance Clean Air Technology	Mobile Source/Moyer Adm	Carl Moyer: Contract/Fin Admin	1.02	0.00	1.02	IX
24	04 49	493 Operational Support	Outreach/SB/MB/DVBE	Outreach/Incr SB/DVBE Partic	0.02	0.00	0.05	la
25	04 51	510 Operational Support	Payroll	Ded/Ret Rpts/PR/St & Fed Rpts	4.10	00.0	4.10	la
56		542 Advance Clean Air Technology	Prop 1B:Goods Movement	Contracts/Finance Admin	0.50	0.00	0.50	IX
27	04 54	544 Advance Clean Air Technology	Prop 1B:Low Emiss Sch Bus	Grants/Finance Admin	0.02	0.00	0.05	×
28	\neg	565 Customer Service and Business Assistance	Public Records Act	Comply w/ Public Rec Requests	0.02	0.00	0.02	la
59	-	570 Operational Support	Purchasing	Purch/Track Svcs & Supplies	2.50	0.00	2.50	la
30	04 57	571 Operational Support	Purchasing/Receiving	Receive/Record SCAQMD Purchases	1.20	0.00	1.20	la
31		572 Operational Support	Purchasing-Receiving/Stockroom	Track/Monitor SCAQMD Supplies	1.00	0.00	1.00	la
32	04 63	630 Operational Support	Cash Mgmt/Revenue Receiving	Receive/Post Pymts/Reconcile	5.25	1.00	6.25	II,III,IV,XI
33	04 63	631 Customer Service and Business Assistance	Cash Mgmt/Refunds	Research/Doc/Prep/Proc Refunds	0.30	0.00	0:30	III,IV,XI
34	04 79	791 Ensure Compliance	Toxics/AB2588	AB2588 Toxics HS Fee Collection	0.15	0.00	0.15	×
35	04 80	805 Operational Support	Training	Continuing Education/Training	0.20	0.00	0.20	lb
36	04 82	825 Operational Support	Union Negotiations	Official Labor/Mgmt Negotiate	0.02	0.00	0.02	la
37		826 Operational Support	Union Steward Activities	Rep Employees in Grievance Act	0.01	0.00	0.01	la
38	04 82	827 Operational Support	VW-General Admin	VW-General Admin	1.00	0.00	1.00	XVII
39	04 85	04 855 Operational Support	Web Tasks	Create/edit/review web content	0.02	00:00	0.02	la

50.00

Total Finance

			Finance							
		Lir	ne Item Expen	ditur	e					
Major O	bject / Account # / Account Description	F	Y 2020-21 Actuals		FY 2021-22	FY 2021-22 Amended Budge	et	FY 2021-22 Estimate *		Y 2022-23 oosed Budge
Salary & Employe	• • • • • • • • • • • • • • • • • • • •		110001010							
51000-52000	Salaries	Ś	3,686,148	Ś	3,801,392	\$ 3,807,89	2	\$ 3,807,892	Ś	3,976,071
53000-55000	Employee Benefits	Ť	2.225.126	Ψ	2.456.638	2,456,63	_	2,456,638	Ψ	2,432,477
Sub-total Salary &	Employee Benefits	\$	5,911,274	Ś	6,258,030	\$ 6,264,53	_	\$ 6,264,530	\$	6,408,548
Services & Supplie	· ·	-	-,,		5,255,555	7 5/25 1/55	-	+ 1,=11,000	т.	-,,
67250	Insurance	\$	_	\$	_	\$ -	+	\$ -	\$	
67300	Rents & Leases Equipment	Ť	_	<u> </u>	_	-		-	Ψ	
67350	Rents & Leases Structure		_		_	_		_		_
67400	Household		-		900	90	0	900		900
67450	Professional & Special Services		129.211		160,606	160.60	-	150.606		171,955
67460	Temporary Agency Services		165,004		67,000	67,00	_	67,000		66,000
67500	Public Notice & Advertising		5,679		7,000	7,00	_	7,000		7,000
67550	Demurrage		-		780	78	_	780		780
67600	Maintenance of Equipment		1.069		1.860	1.86	_	1.860		2,960
67650	Building Maintenance		-		-	-	Ť	-		-
67700	Auto Mileage		778		4,468	4,46	8	4,468		4,468
67750	Auto Service		-		-	-	Ť	-		-
67800	Travel		-		6,000	6,00	0	4,000		6,000
67850	Utilities		-		-	-	Ť	-		-
67900	Communications		3,398		9,000	9,00	0	9,000		9,000
67950	Interest Expense		-		-	-		-		-
68000	Clothing		1,100		1,200	1,20	0	1,200		1,200
68050	Laboratory Supplies		-		-	-		-		-
68060	Postage		193,312		115,038	115,03	8	115,038		115,038
68100	Office Expense		23,223		36,120	36,12	0	30,000		36,120
68200	Office Furniture		-		-	-		-		
68250	Subscriptions & Books		2,810		3,470	3,47	0	3,470		3,470
68300	Small Tools, Instruments, Equipment		-		-	-		-		
68400	Gas and Oil		-		-	-		-		-
69500	Training/Conference/Tuition/ Board Exp.		3,686		29,250	29,25	0	29,250		29,250
69550	Memberships		2,105		2,793	2,79	3	2,793		2,693
69600	Taxes		-		-	-		-		-
69650	Awards		-		-	-		-		-
69700	Miscellaneous Expenses		2,435		5,200	5,20	0	5,200		5,200
69750	Prior Year Expense		(99)		-	-		-		-
69800	Uncollectable Accounts Receivable		- '		-	-		-		-
89100	Principal Repayment		-		-	-	T	-		-
Sub-total Services	& Supplies	\$	533,710	\$	450,685	\$ 450,68	5	\$ 432,565	\$	462,034
77000	Capital Outlays	\$	-	\$	-	\$ -	_	\$ -	\$	-
79050	Building Remodeling	\$	-	\$	-	\$ -		\$ -	\$	-
Total Expenditure		Ś	6,444,984	\$	6,708,715	\$ 6,715,21	_	\$ 6,697,095	\$	6,870,582
	d on July 2021 through February 2022 actual ex		<u> </u>			1 -, -,	<u> </u>	- 0,057,055	7	0,070,



INFORMATION MANAGEMENT

RON MOSKOWITZ CHIEF INFORMATION OFFICER

At a Glance:	
FY 2021-22 Adopted	\$12.7M
FY 2022-23 Budget	\$13.1M
% of FY 2022-23 Budget	6.9%
Total FTEs FY 2022-23 Budget	58

DESCRIPTION OF MAJOR SERVICES:

Information Management (IM) provides a wide range of information management systems and services in support of all South Coast AQMD operations. In addition to IM's administrative unit which provides for overall planning, administration and coordination of all IM activities, IM is comprised of two Information Technology (IT) units, a Project Management unit, and a Cybersecurity unit. The two IT units are distinguished from each other in that one is primarily concerned with hardware and network issues (while acquiring and applying software to integrate systems and functions), whereas the other focuses on system development (while integrating communication functions and the latest computer technologies). Due to the increasing convergence between hardware, software and digital technologies, the work performed by the two IT units often overlaps and requires close coordination. Areas where the two units overlap include workflow automation, imaging, automatic system messaging (e.g., through email), GIS, etc. The Project Management unit performs project management functions along with other projects as they arise.

ACCOMPLISHMENTS:

RECENT:

Awards

- 2020 EPA Clean Air Excellence Award
- 2021 CIO Hall of Fame Award
- 2021 Gartner Technology Innovation Americas Finalist

Software Development

- PeopleSoft 1099
- AER enhancement for 2021
- PeopleSoft W-2 electronic review
- Online payment reinstatement
- FIND AER integration
- AB617 new communities
- PeopleSoft ACA
- Prop 1B & School Bus GMS Internal Dashboard
- Rule 1180 new station and threshold
- Google Analytics for major apps
- R1403 enhancements
- SocioEcon special data
- CPI liability fee reports
- Online payment allow payment of registration (non-facid)
- RYR, OnBase, PeopleSoft integration
- New DEO signature FP, RTC, ERC
- GMS Prop 1B and School Bus internal evaluation
- GMS VW internal evaluation
- R1113 Delinquency issue fix
- SB95 COVID-19 special leave
- FIND update R222 equipment search
- Prop 1B Survey tool
- PAATS release TV track fix
- Telework Stipend setup for Payroll
- ACA for FTB
- VW new solicitation for Combustion Freight On Road
- FIND map search
- School Bus GMS Phase II Ranking and Calculation
- AQ Details enhancement
- Mates download tool
- Fiscal Year-End Support
- ISR phase 1.1
- VW contract module enhancement
- CAA award nomination for 2021 and ticket
- PAATS, PPS enhancement for R461
- Rideshare Survey 2021
- Rule 1180 Notification System
- Online Payment Security Enhancements
- Finance Billing Portal Enhancement Follow-up Module
- Monitoring for Dominguez Channel Odor event

- Configurable Monitoring Station location for AQI Map
- Automate FTE refresh for AER universe
- ISR Phase 1.2
- AQ-SPEC/AB617 Data Management System
- Payroll Enhancement for out of state worker
- BCC Open Enrollment integration to Payroll

Network/Phone System/Help Desk/Desktop-Laptop

- Over 100 Laptops/Monitors/Docking Stations Deployed
- Managed Cell Phones/MiFis/iPads
- Setup and managed 394 Zoom Webinars and 47 Zoom Meetings
- Configured and managed 16 onsite and offsite Hybrid Zoom Webinars
- Office 365 Enterprise Agreement RFQ
- Telecommunications Services RFP
- Phone System Upgrade RFQ
- Computer, Network and Server Vendors List RFQ
- VPN Server Upgrade
- Office reconfigurations

Data Center

- Memory Upgrade on Blade Servers Required system maintenance needed to support general applications for IM and other departments
- 3Par SAN Disk Installation and Provisioning Expanding storage capacities to accommodate additional resource requirements. This task included firmware, OS, and coordination with HP support for proper provisioning and verification.
- Planning Lab Servers: Additional Server Provisioning Additional server update and provisioning to address needs of additional performance by Planning group.
- Planning Lab Servers: Memory Upgrade Additional memory update and provisioning to address needs of additional performance by Planning group.
- WHAM Public Registration System Development and Deployment for LPAM -LPAM required a new registration system to allow the public to access WHAM contents. An internal project was done to address the unique requirements of this system.
- Azure Administration
- Server and Storage Maintenance Renewal

Database Administration

- Implementing Database changes for all software projects
- Monitoring and Maintaining 24/7 Availability

Workflow/Document Management

- Deployed CAMS agency wide and implemented enhancements
- Deployed Lawn & garden equipment battery rebate forms with IPF & Peoplesoft integration
- Integrated Lawnmower rebate system with IPF & Peoplesoft
- Integrated EV Charger rebate system with IPF & Peoplesoft
- Integrated RYR system with IPF & Peoplesoft
- Deploy AB 836 Grant application forms
- Enhanced Public Records system
- Created a number of Document types and associated objects to support other development efforts.

Cyber Security

- Cybersecurity Assessment completed
- Deployment of patch management solution for 1400 workstations and 274 servers
- Deployment of Windows 10 upgrade (version 21H1 to 1174 workstations)
- Email Security
 - Total emails processed: 7.5 Million
 - Total threat emails: 3.8 Million
 - Virus emails blocked: 1,305
 - Spam emails blocked: ~205,000
 - Outgoing emails: 3.3 million
- Web Filtering
 - Total Throughput: ~100TB
 - Total threats blocked: ~45,000
- Antivirus
 - Detections and Incidents: 33

Public Records

- Processing and tracking thousands of PRRs
- Received over 5,094 requests
- Closed over 4,994 requests

ANTICIPATED:

Software Development

- Source Test Tracking System (May 2021)
- AQ-Spec Phase II (inclusion of various data platforms such as Lab, R1180, AB617, etc.)
- Online Application Filing Phase II & III (additional 20 application forms)
- VW Mitigation Phase III (Contract tracking and inspection module)
- PeopleSoft Year-end ACA
- Timecard enhancement
- Mobile enhancement (FIND, Complaints), ** this will need funding to complete
- AER enhancements for 2021

Network/Phone System/Help Desk/Desktop-Laptop

- Continue Laptop Deployment
- Phone System Upgrade
- Phone System replacement evaluation
- Network DMZ implementation and migration
- Internet connectivity full diversity implementation

Data Center

- Maintenance and Support Services for Servers and Storage Devices
- Server OS Upgrades
- Cloud backup implementation
- Azure DEVOPS
- Domain Controller 2019 upgrade
- SCVMM 2019 upgrade
- Red Hat management and automation implementation
- SIEM implementation
- Storage expansion

Database Administration

Evaluate Cloud Database migration for CLASS

Workflow/Document Management

- CAMS training
- OnBase Software Support renewal
- OnBase EP5 upgrade
- Upgrade Lawnmower form

- Upgrade Lab QA form
- Add invoicing to Public Records workflow then begin the final migration off of CLASS application
- Migrating our OnBase disk groups to use OnBase Distributed Disk groups for security
- Implement link from the Lawnmower & EV charger workflows to Peoplesoft
- Create a paperless approval process for the Lawnmower & EV charger payment memos.

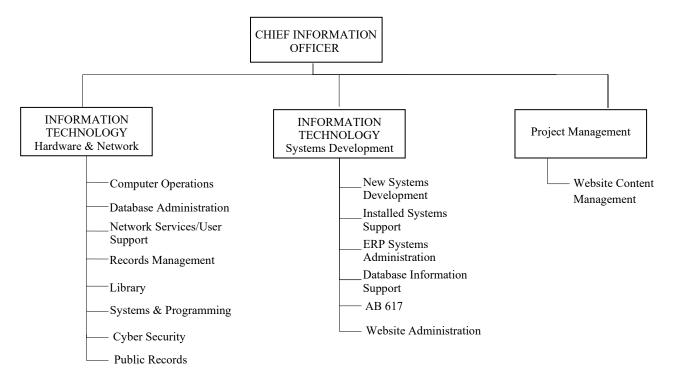
Cyber Security

- Continuation of user security awareness program
- Cybersecurity Assessment and Remediation
- Continuation of Cybersecurity Policies and Standards
- Network traffic analysis and instruction detection
- Vulnerability Scanning and Management solution for systems/network
- Web application security testing solution

Public Records

Complete approximately 4,500 Public Record Requests

ORGANIZATIONAL CHART:



POSITION SUMMARY: 58 FTEs

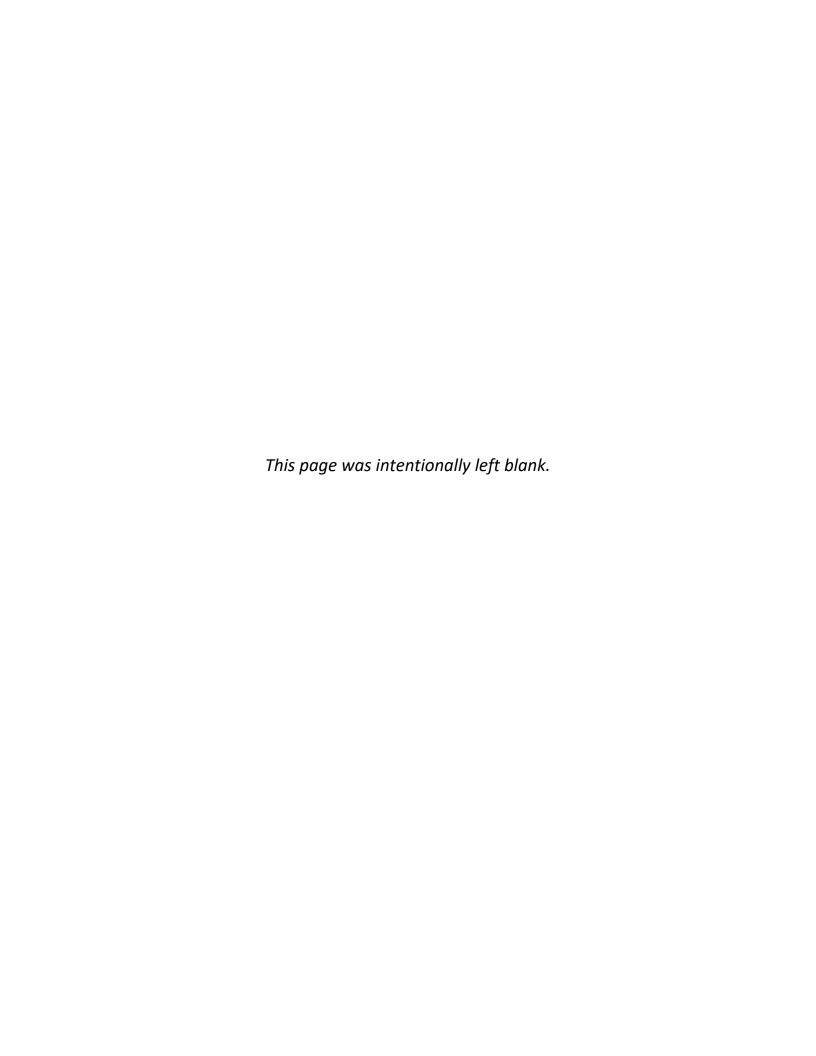
	Amended		Budget
Information Management Units	FY 2021-22	Change	FY 2022-23
Office Administration	2	-	2
Hardware & Network	32	1	33
Systems Development	21	-	21
Project Management	2	-	2
Total	57	1	58

POSITION DETAIL:

<u>FTEs</u>	<u>Title</u>
1	Assistant Database Administrator
1	Assistant Information Technology Specialist
1	Chief Information Officer
1	Database Administrator
3	Information Technology Manager
1	Information Technology Specialist I
3	Information Technology Specialist II
3	Information Technology Supervisor
4	Office Assistant
1	Public Affairs Specialist
2	Administrative Assistant I
1	Senior Administrative Assistant
5	Senior Information Technology Specialist
4	Senior Office Assistant
2	Supervising Office Assistant
14	Systems Analyst
<u>11</u>	Systems and Programming Supervisor
58	Total FTEs

Total Information Management

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* Estimates based on July 2021 through February 2022 actual expenditures and February 2022 budget amendments.	,,,	- 7		, Y	-, -,	_				т									



LEGAL

BAYRON T. GILCHRIST GENERAL COUNSEL

At a Glance:	
FY 2021-22 Adopted	\$7.2M
FY 2022-23 Budget	\$7.5M
% of FY 2022-23 Budget	4.0%
Total FTEs FY 2022-23 Budget	35

DESCRIPTION OF MAJOR SERVICES:

The General Counsel's Office is responsible for advising the South Coast AQMD Board and staff on all legal matters and enforcing South Coast AQMD rules and state laws related to air pollution control. Attorneys review and assist in the drafting of South Coast AQMD rules and regulations to ensure they are within South Coast AQMD's authority and are written in a clear and enforceable manner. Attorneys ensure that all legal requirements for noticing, public workshop, CEQA analysis, and socioeconomic analysis of proposed rules and air quality management plans are satisfied.

The General Counsel's Office is also responsible for representing the South Coast AQMD Board and staff in court proceedings and administrative hearings related to matters arising out of staff's performance of official duties as South Coast AQMD officers and employees.

The Office is responsible for the enforcement of all South Coast AQMD rules and regulations and applicable state law. In addition, staff attorneys represent the Executive Officer in all matters before the South Coast AQMD Hearing Board, including variances, permit appeals, and abatement orders. Staff investigators support civil penalty and litigation and settlement efforts, including the minor source penalty program which is handled by investigators.

ACCOMPLISHMENTS:

RECENT:

- Staff advised on legal issues relating to the indirect source rule for warehouses, including issues of state authority, federal preemption, and allegations that the rule's mitigation fee constituted a tax, as well as reviewing all documents for legal adequacy including the CEQA document and socioeconomic report.
- Staff advised on legal issues relating to the Rule 1109.1 requirements for refineries to install best available retrofit control technology, including issues concerning the interpretation of AB 617's Best Available Retrofit Control Technology (BARCT)

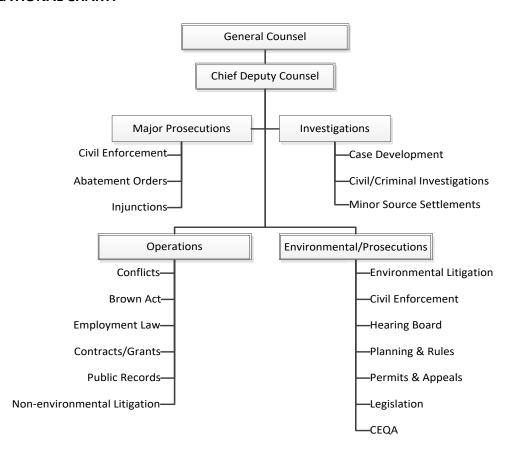
- requirements, whether BARCT can require equipment replacement, and interpretation of other sections of the Health & Safety Code, as well as reviewing all documents including the CEQA document and socioeconomic report.
- Staff advised and participated in the negotiation of Memoranda of Understanding (MOUs) with each of the five commercial airports in the Basin Los Angeles International Airport (LAX), John Wayne Orange County Airport (SNA), Hollywood Burbank Airport (BUR), Ontario International Airport (ONT), and Long Beach Airport (LGB). The MOUs included schedules for the implementation of specified measures from each airport's air quality improvement plans that are eligible for State Implementation Plan credit.
- Staff advised on AB 617 implementation and reviewed and commented on all Community Emissions Reduction Plans (CERPs) for the second-year communities.
- Staff advised and participated in the preparation and submittal of the Contingency Measure Plan defining the South Coast AQMD's 182(e)(5) measures.
- Staff has obtained \$5 million in civil penalties for air pollution violations through fiscal year 2020-2021.
- Staff has been prosecuting public nuisance matters involving the Chiquita Canyon Landfill
 impacting the Val Verde community in Los Angeles County and the All American Asphalt
 facility located in the City of Irvine. These matters have involved meeting with members
 of the community informally and through virtual meetings and before the hearing board,
 and thus far engagement with the facility representatives has resulted in the reduction of
 complaints alleging ongoing odor nuisance from the facilities.
- Staff submitted an amicus brief in support of United States' position that the Chemical Safety Board's demands for information from Exxon-Mobil with respect to the Torrance refinery's modified hydrofluoric acid (MHF) alkylation unit were relevant to its investigation into the 2015 explosion, even though no MHF was released. The Ninth Circuit agreed that such information was relevant.
- Staff reviewed and processed over 1,000 contracts, grants, and agreements from various departments within the District.

ANTICIPATED:

- Provide legal advice regarding the reduction of emissions at the ports and the implementation of the facility-based mobile source rule for warehouses.
- Provide legal advice for the transition away from RECLAIM, including the development of (BARCT) rules, and working with U.S. EPA to identify potential solutions for New Source Review (NSR) permitting and the lack of Emission Reduction Credits (ERC) in the open market.

- Provide legal advice regarding AB 617, including potential enforcement actions based on the CERPs for the first-year communities, and advice for the implementation of CERPs in the second-year communities.
- Revise the South Coast AQMD records retention policy and provide training to staff on the requirements.
- Provide legal advice on the Quemetco capacity upgrade project and process for the Draft Environmental Impact Report pursuant to the California Environmental Quality Act.
- Prosecute the public nuisance matters involving the Dominguez Channel odor event impacting Carson, as well as Gardena, Long Beach, Redondo Beach, Torrance and Wilmington and other parts of L.A. County, as well as the Hyperion Water Reclamation Plant sewage discharge that impacted residents in El Segundo and other surrounding communities with odors.
- Prosecute the violations from the multiyear methane leak at the Los Angeles Department of Water and the Sun Valley Power Plant.

ORGANIZATIONAL CHART:



LEGAL (cont.)

POSITION SUMMARY: 35 FTES

Legal Units	Amended FY 2021-22	Change	Budget FY 2022-23
Office Administration	4	-	4
General Counsel	26	-	26
Investigations	5	-	5
Total	35	-	35

POSITION DETAIL:

<u>FTEs</u>	<u>Title</u>
4	Administrative Secretary/Legal
1	Assistant Chief Deputy
1	Assistant Chief Deputy – Major Prosecutions
1	Chief Deputy Counsel
1	General Counsel
4	Investigator
3	Legal Secretary
1	Office Assistant
2	Paralegal
4	Principal Deputy District Counsel
9	Senior Deputy District Counsel
1	Senior Office Assistant
1	Senior Paralegal
1	Staff Specialist
<u>1</u>	Supervising Investigator
35	Total FTEs

Code Program Program (Program Category) Program Category Program Cat		Revenue	Categories	X	X	II,IV,IX	×	la	×	qı	XVIII	III/X	III/X	XI'III'II	VX,IIV,V,VI,II	IIIA	Ν	Ν	la	Ν	la	IV,V,XV	١١,٧	la	la,II	II,IX	la	X	Ν	=	la	=	=	11,111	la	II,IV	≡	×	qı	XVII
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Program Program Cate govy Program by Office			-/+	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Program Program Category Program		FTEs	FY 2021-22	0.02	0.10	0:30	2.50	1.20	1.25	3.50	0.05	50:0	50:0	9.75	4.75	0.15	0.75	1.00	05:0	2.00	1.00	3.00	0.20	2.00	3.50	0.25	0.10	0.10	1.50	0.10	1.50	1.20	0.50	0.02	0.10	0.02	0.05	90.0	0.75	50:0
Code Program Program Category Program 68 001 Advance Clean Air Technology AB2766/NuSRC 08 002 Advance Clean Air Technology AB2766/NuSRC 08 019 Develop Programs AQNP 08 020 Develop Programs AQNP 08 021 Operational Support Admin/SCAQMD-Legal Research 08 022 Operational Support Admin/SCAQMD-Legal Research 08 032 Advance Clean Air Technology Admin/SCAQMD-Legal Research 08 032 Ensure Compliance Admin/SCAQMD-Legal Research 08 073 Ensure Compliance Arch Ctgs - End User 08 112 Ensure Compliance CCCA Dozument Projects 08 134 Advance Clean Air Technology Case Disposition 08 135 Ensure Compliance Compliance 08 136 Ensure Compliance Compliance 08 137 Operational Support Case Disposition 08 138 Ensure Compliance Compliance 08 139 Ensure Compliance Compliance 08 130 Ensure Compliance Compliance 08 131 Advance Clean Air Technology Engla Rep/Litigation 08 275 Operational Support Engla Rep/Litigation 08 386 Ensure Compliance	Legal Program by Office		Activities	AB2766 Leg Adv: Trans/Mob Source	Legal Advice: MSRC Prog Admin	AQMP Revision/CEQA Review	AB617-Program Development	Legal Research/Staff/Exec Mgmt	AB134	Attorney Timekeeping/Perf Eval	Rule Dev/TA/Reinterpretations	Case Dispo/Rvw, Track, Prep NOVs	Case Dispo/Rvw, Track, Prep NOVs	CEQA Review	Trial/Dispo-Civil Case/Injunct	Legal Advice: Clean Fuels	Review/Track/Prep NOVs/MSAs	Support IM/Dev Tracking System	Legal Advice: Employment Law	Maj Prosecutions/Civil Actions	Legal Advice: Attend Board/Cmte Mtgs	Hear/Disp-Varian/Appeal/Rev	Coordinate with Other Agencies	General Advice: Contracts	Prep/Hearing/Disposition	Draft Legis/SCAQMD Position/Mtgs	Lobbying: Supp/Promote/Influence legis/Adm	Moyer/Implem/Program Dev	Mutual Settlement Program	Legal Advice: Permit Processing	Comply w/ Public Rec Requests	Legal Advice: Rules/Draft Regs	RECLAIM Legal Adv/Related Iss	Legal Advice: SB/Fee Review	Gov Board/Student Intern Program	Leg Advice: Title V Prog/Perm Dev	Leg Advice: New Source Title V Permit	AB2588 Legal Advice: Plan & Impl	Continuing Education/Training	VW-General Admin
Prog	Work		Program	AB2766/Mob Src/Legal Advice	AB2766/MSRC	AQMP	AB617-Prog Develop	Admin/SCAQMD-Legal Research	AB134	Admin/Office Management	Arch Ctgs - Admin	Arch Ctgs - End User	Arch Ctgs - Other	CEQA Document Projects	Case Disposition	Clean Fuels/Legal Advice	Compliance/NOV Administration	Database Management	Employee/Employment Law	Enforcement Litigation	Governing Board	Hearing Board/Legal	Interagency Coordination	Legal Advice/SCAQMD Programs	Legal Rep/Litigation	Legal Rep/Legislation	Legislative Activities	Mob Src/C Moyer/Leg Advice	Mutual Settlement	Permit Processing/Legal	Public Records Act	Rules/Legal Advice	Rulemaking/RECLAIM	Small Business/Legal Advice	Student Interns	Title V	Title V Permits	Toxics/AB2588	Training	VW-General Admin
Prog. Co. Co. Co. Co. Co. Co. Co. Co. Co. Co			Program Category	Advance Clean Air Technology	Advance Clean Air Technology	Develop Programs	Operational Support	Operational Support	Advance Clean Air Technology	Operational Support	Operational Support	Ensure Compliance	Ensure Compliance	Operational Support	Ensure Compliance	Advance Clean Air Technology	Ensure Compliance	Ensure Compliance	Operational Support	Ensure Compliance	Operational Support	Ensure Compliance	Ensure Compliance	Operational Support	Ensure Compliance	Policy Support	Policy Support	Advance Clean Air Technology	Ensure Compliance	Timely Review of Permits	Customer Service and Business Assistance	Develop Rules	Develop Rules	Customer Service and Business Assistance	Policy Support	Timely Review of Permits	Timely Review of Permits	Ensure Compliance	Ensure Compliance	Operational Support
		rogram	Code	100 8					_						-																				\neg			-	802	8 827
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Total Legal

			Legal							
		Lin	ne Item Expen	ditur	e					
		1	Y 2020-21		FY 2021-22	FY 2021-22		FY 2021-22	F	Y 2022-23
Major O	bject / Account # / Account Description		Actuals	Add	opted Budget	Amended Budget	:	Estimate *	Prop	osed Budget
Salary & Employe	e Benefits									
51000-52000	Salaries	\$	3,816,076	\$	4,132,656	\$ 4,135,988	\$		\$	4,574,371
53000-55000	Employee Benefits		2,125,698		2,573,971	2,573,971		2,541,965		2,494,006
Sub-total Salary &	Employee Benefits	\$	5,941,774	\$	6,706,626	\$ 6,709,959	\$	6,626,524	\$	7,068,377
Services & Supplie	es									
67250	Insurance	\$	-	\$	-	\$ -	\$	-	\$	-
67300	Rents & Leases Equipment		-		-	-		-		-
67350	Rents & Leases Structure		-		-	-		-		-
67400	Household		-		-	-		-		-
67450	Professional & Special Services		1,231,178		246,001	776,001		776,001		246,001
67460	Temporary Agency Services		-		7,250	7,250		7,250		7,250
67500	Public Notice & Advertising		-		2,500	2,500		2,500		2,500
67550	Demurrage		-		4,000	4,000		4,000		4,000
67600	Maintenance of Equipment		-		500	500		500		500
67650	Building Maintenance		-		-	-		-		-
67700	Auto Mileage		(15)		1,600	1,600		1,600		1,600
67750	Auto Service		-		-	-		-		-
67800	Travel		-		15,000	15,000		15,000		15,000
67850	Utilities		-		-	-		-		-
67900	Communications		5,075		10,300	8,200		8,200		10,300
67950	Interest Expense		-		-	-		-		-
68000	Clothing		-		500	500		500		500
68050	Laboratory Supplies		-		-	-		-		-
68060	Postage		1,226		4,750	4,750		4,750		4,750
68100	Office Expense		7,191		16,000	7,500		7,500		16,000
68200	Office Furniture		-		4,500	4,500		4,500		4,500
68250	Subscriptions & Books		133,634		115,000	123,500		123,500		115,000
68300	Small Tools, Instruments, Equipment		-		-	-		-		-
68400	Gas and Oil		-		-	-		-		-
69500	Training/Conference/Tuition/ Board Exp.		8,708		17,500	17,500		12,000		17,500
69550	Memberships		1,025		750	750		750		750
69600	Taxes		-		-	-		-		-
69650	Awards		-		-	-		_		-
69700	Miscellaneous Expenses		403		2,000	2,000		2,000		2,000
69750	Prior Year Expense		-		-	-		-		-
69800	Uncollectable Accounts Receivable		_		-	-		_		_
89100	Principal Repayment		_		-	-	T	-		-
Sub-total Services	1	\$	1,388,425	\$	448,151	\$ 976,051	\$	970,551	\$	448,151
77000	Capital Outlays	\$	-,,	\$		\$ -	\$		\$	-
79050	Building Remodeling	\$	_	\$	-	\$ -	\$		\$	_
Total Expenditure		\$	7.330.199	\$	7.154.777	\$ 7,686,010	÷		\$	7.516.528
	d on July 2021 through February 2022 actual ex	- 7	,,	т	, - ,	, , , , , , ,	۲	7,557,575	7	.,510,520
Estimates paset	2 on July 2021 till ought rebrudily 2022 detudilex	periuitu	i co ana i cora	ury Z	ozz buuget ai	nenaments.				

DERRICK ALATORRE DEPUTY EXECUTIVE OFFICER

At a Glance:	
FY 2021-22 Adopted	\$11.2M
FY 2022-23 Budget	\$11.4M
% of FY 2022-23 Budget	6.0%
Total FTEs FY 2022-23 Budget	59

DESCRIPTION OF MAJOR SERVICES:

Legislative & Public Affairs/Media Office provides a broad range of services to internal and external stakeholders. These services include:

Legislative/Communications

State and Federal Relations

State and Federal Relations works with all levels of elected officials and their staff, agencies, and stakeholders to support South Coast AQMD's legislative priorities. Efforts are focused on policy and funding issues that support the Air Quality Management Plan (AQMP) to meet state and federal clean air standards. This unit also works to defend against legislative activities detrimental to the goals and priorities of clean air.

Local Government/Community Relations

Local Government and Community Relations works in all four counties of South Coast AQMD's jurisdiction, including 86 cities in Los Angeles County, 34 cities in Orange County, 27 cities in Riverside County, and 16 cities in San Bernardino County. Activities include monitoring government actions; facilitating a two-way flow of communication with stakeholders; assisting with inquiries from government offices, community members, health and environmental justice organizations, and business organizations; and promoting and providing information on South Coast AQMD programs and initiatives.

Communications & Public Information Center

The Communications & Public Information Center (PIC) serves and assists members of the public who wish to report air quality complaints, contact staff or acquire information regarding South Coast AQMD programs. The Communications Center provides easy access to the public for reporting a variety of air quality concerns. The PIC, located in the South Coast AQMD lobby, serves as a walk-up resource for all visitors to South Coast AQMD. Due to COVID-19, the PIC is currently closed to the public until further notice.

Small Business Assistance

The Small Business Assistance (SBA) program is required under Section 40448 of the California Health and Safety Code to provide administrative, technical services, and information to small businesses and the public.

Environmental Justice

Environmental Justice (EJ) initiatives focus on a variety of programs to partner with disadvantaged communities to address air pollution issues. Specific programs including the Environmental Justice Community Partnership (EJCP) program and the Environmental Justice Advisory Group (EJAG) seek to build community capacity to empower residents and to reduce air pollution in areas of cumulative impact.

AB 617

The AB 617 program is a comprehensive community-based effort focused on improving air quality and public health in environmental justice communities. AB 617 implementation efforts span four years with six designated communities:

- Year 1 -- Wilmington, Carson, West Long Beach; San Bernardino, Muscoy; and Boyle Heights, East Los Angeles, West Commerce
- Year 2 -- Southeast Los Angeles and Eastern Coachella Valley
- Year 3 South Los Angeles

Media

Media Relations serves as the official liaison with news media including newspapers and radio, broadcast, cable and satellite TV, books, magazines and newsletters, online outlets, digital and social media. The Media Relations Office also supports programs and policies of South Coast AQMD and its Board with a range of proactive media and public relations programs. Media provides counsel to the Executive Officer, Board members, staff and Executive Council members on sensitive, high-profile media relations issues as well as building public awareness of air quality issues.

Social Media

The Social Media program connects the public to South Coast AQMD by helping build and maintain clean air awareness using official channels on Facebook, Twitter, Instagram and LinkedIn to share news, program announcements, and informational communications for meetings and events, video live streams, advisories and other information. Our social media resources provide platforms for community members to engage with South Coast AQMD and to build a flourishing conversation to promote open dialogue.

Graphics

The Graphics Department is responsible for providing visual and media services, from initial concept to final design and completion of projects. Also, support community programs with multimedia development of visual collateral and videos. Graphics also ensures consistent branding of official South Coast AQMD documents and materials.

ACCOMPLISHMENTS:

RECENT:

State Legislative

- Assisted in securing funding:
 - \$50 million statewide for air districts to implement AB 617.
 - \$260 million in statewide AB 617 incentives program related to criteria pollutant and toxic air contaminant emissions consistent with AB 617 CERPS.
 - \$45 million in Carl Moyer funding to replace diesel trucks with low NOx medium- and heavy-duty trucks.
 - \$153 million in statewide Carl Moyer funding which was previously undispersed due to a state budget authority issue.

Federal Legislative

- Advocated with our Congressional Delegation to increase and/or protect funding for:
 - o TAG grew from \$59 million in FY 2021 to nearly \$62 million in FY 2022.
 - The Diesel Emission Reductions Act (DERA) was increased to \$92 million in FY 2021 from \$90 million in FY 2021.
 - Section 103/105 funding was increased to \$231.5 million in FY 2021 from \$229.5 million in the prior year plus almost \$100 million in the American Rescue Plan Act.
- Worked with Members of Congress and Committee staff on "Clean Corridors Act of 2020" which was included in the Bipartisan Infrastructure Law to provide \$7.5 in formula allocations to states and competitive grants.
- Engaged with the Administration, Members of Congress, industry, health and environmental organizations to update U.S. Environmental Protection Agency's NOx Emission Standard for Heavy Duty Trucks.

Communications & Public Information Center

- Assisted the public through the handling of 32,339 incoming calls, including 254 directed to PIC and 662 Spanish Hotline calls. Due to COVID- 19, the public information center is closed to the public.
- Performed nearly 1,000 calls to businesses with expired permits to remind them about the status of their permits, and to encourage them to bring the permits current.
- Supported public meetings, events, and outreach by fulfilling collateral material requests, updated, and published 233 web pages, and conducted two public information mailings.

Small Business Assistance

- Assisted small businesses with:
 - o Permits for 2,375 applications from small businesses.
 - Technical assistance on rules and regulations for 377 facilities.
 - Recordkeeping training to 15 businesses.
 - o Processed and approved 857 Air Quality Permit Checklist.
 - Issued 11 Dry Cleaning grants.
 - Five (5) businesses file variances before the South Coast AQMD Hearing Board.

- 16 Fee Review cases.
- 1,094 facilities as part of the Expired Permit Outreach Program including assistance in recovering revenue.

Local Government/Community Affairs

- Attended regional and community meetings including government, industry, environmental justice, health, and education.
- Increased community engagement through:
 - o Organizing, outreach and staffing public meetings, community events and conference.
 - o 11 Visiting Dignitaries and Speakers Bureau tours; and
 - Planned, organized, and produced major events, including Dr. Martin Luther King, Jr.,
 Cesar Chavez, and 32nd Annual Clean Air Awards.

Environmental Justice

- Held four (4) EJCP Advisory Council meetings and recruited one (1) new member and four
 (4) EJAG meetings and recruited five (5) new members.
- Hosted hybrid 7th Annual EJ Conference with approximately 805 attendees.
- Through Inter-Agency Task Force built mechanisms and strategies to facilitate intergovernmental coordination on environmental complaints and EJ issues.
- Launched and implemented the Clean Air Education Program for Elementary Students (CAPES) in 22 schools with 29 teachers including developing unique curriculum with educational videos.
- Conducted WHAM outreach focusing on AB 617 and EJ communities resulting in participation by 300 high school classrooms and 100 middle school classrooms.
- Developed and published four units of WHAM curriculum including materials, videos and hands-on kits were completed for middle and high schools.

AB 617

- Five (5) completed CERPs.
- For Year 1, 2 and 3 communities, conducted on-going outreach to develop and maintain relationships, facilitate the flow of information between South Coast AQMD and Community Steering Committee (CSC) members.
- Held 42 CSC meetings, four (4) budget workshops, two (2) truck incentives workshops and two program update meetings.
- Adapted meeting and program processes per input from CSCs to align with community priorities and needs.
- Convened other types of meetings in support of the Year 1, Year 2, and Year 3 communities, including Technical Advisory Committees, workshops, Charter formation, and Community Identification.

Media

- Developed and issued 110 news releases to media.
- Developed and pitched Opinion Piece that was published in the LA Daily News and 8 of its sister publications that resulted in three live interviews.

 Outreach during wildfires to highlight air monitoring efforts resulted dozens of interviews and media coverage in print and TV within the South Coast Air Basin.

Social Media

- Immediate and consistent of coverage from the wildfires in October, resulted in 500+ Twitter followers and over 108,714 impressions (individual reach) in one day (Oct. 12th).
 - Content was also shared by Senator Dianne Feinstein, LA Mayor Garcetti, LA
 County, California Governor's Office of Emergency Services and news outlets.
- Original content posted to social media accounts included 831 posts on Facebook, 936 posts on Twitter, and 455 posts on Instagram

Graphics

- Completed 409 graphics jobs for the agency.
- Re-designed layout and design for the Advisor and produced the Annual Report and LA Sentinel Wrap
- Provided photos and AV support for all major public agency events.

ANTICIPATED:

State Legislative

- Seek funding for air quality related programs to meet clean air standards:
 - AB 617, \$100 million statewide for implementation funds and \$500 million in statewide for incentive funding;
 - Secure \$600 million in Carl Moyer funding;
 - o Obtain cleanup language for \$45 million in Carl Moyer funding (from 2021); and
 - Reauthorize existing Carl Moyer incentive funding sources.
- South Coast AQMD Sponsored Legislation:
 - Independent Special District Status for Air Districts
 - AB 617 Policy Changes (Including AB 617 CSC Administrative Costs Budget Request);
 - o Increased Strict Liability Civil Penalties for Air Quality Violations
 - o Renewable Portfolio Standard (RPS) Style Standard for Air Quality
 - Goods Movement-Related Port Cargo Fee

Federal Legislative

- Secure policy objectives and funding for air quality issues through existing and new legislative opportunities such as, but not limited to, Clean Air Act, Appropriations and COVID Relief, Transportation and Infrastructure, Climate, Supply Chain, and other efforts.
- Work to ensure the federal government does its share to reduce air pollution through:
 - Funding for the TAG program, DERA, and Clean Air Act Section 103/105 programs and other programs and grants; and
 - Regulatory and other actions.

 Work with U.S. EPA, Members of Congress and stakeholders to ensure the rule-making process for the Cleaner Trucks Plan is transparent with equitable stakeholder participation.

Local Government/Community Relations

- Continue to build relationships with government, industry, community, and other stakeholders in support of South Coast AQMD's mission and conduct educational and informational outreach.
- Collaborate internally on high profile issues and assist with crisis communications.
- Enhance informational databases to ensure current information is available.
- Collaborate, assist, and support other departments on major initiatives and projects.

Communications Center & Public Information

- Receive and process all communications for internal and external stakeholders.
- Assist SBA with expired permit program
- Re-open the Public Information Center when appropriate.
- Assist in processing web page updates for publishing
- Implement TTY software system for the hearing impaired.

Environmental Justice

- Implement EJCP CAPES program to reach 20 elementary schools.
- Work with consultants to produce three videos for elementary students on air quality with the accompanying curriculum for grades 1 through 6.
- Host four (4) EJCP Advisory Council meetings and invite Advisory Council Members.
- Coordinate and implement one EJ Student Bus Tour or webinar.
- Continue implementation of the Inter-Agency Task Force.
- Develop, organize, and host the annual EJ Conference.
- Organize and host four (4) EJAG meetings.
- Implement WHAM in 300 high school classrooms and 100 middle school classrooms and expand outreach to youth organizations.

AB 617

- Convene CSC meetings and workshops for each of the six communities which will include more than 25 meetings.
- Implement the CERPs and CAMPs in Year 1, 2, and 3 communities.
- Continue the outreach process among current CSCs and support capacity building for future year communities.
- Convene monthly CSC meetings for Year 3 AB 617 community and assist with the development process for Year 3 CERP and CAMP presentation to South Coast AQMD Board in June 2022 and work related to submitting to CARB.

Small Business Assistance

• Expand awareness of the SBA program by outreaching to trade organizations, municipalities, and other agencies.

- Continue to aid small businesses regarding, rules and regulations, permit requirements, and compliance.
- Reinstate facility visits as appropriate to provide on-site assistance to small businesses
- Conduct outreach communities to meet the commitments under the AB 617 Community Emissions Reduction Plans.
- Conduct outreach to facilities as part of the Expired Permit Outreach Program.

Media

- Develop a strategic communications plan for overall agency messaging, critical issues, and crisis management communications.
- Provide media relations services and strategic counsel for high-profile media issues as well as ongoing South Coast AQMD programs and projects through press releases, media advisories, talking points, in-person and on-camera interviews, opinion pieces and letters to the editor.
- Review requests from partner agencies, organizations, and firms for quotes from South Coast AQMD officials for articles and press releases.
- Coordinate media events for the agency and coordinate press events with other agencies and Governing Board Members.
- Implement story maps on South Coast AQMD website and update and maintain hot topics webpages.
- Develop and produce bi-monthly Advisor issues, the Annual Report, and other brochures and public content.
- Work with other departments to fine tune and make accessible the language used on meeting notices, factsheets, web pages and any other public documents.
- Increase participation in CAPCOA Public Affairs group.
- Continue to help focus and/or narrow Public Records Requests (PRR) from news media.

Social Media

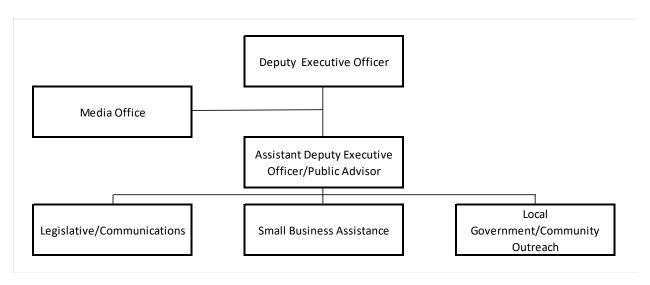
- Maintain and grow followers with a goal of a 30-percent increase from 2021.
- Continue to increase shares of content and increase impressions of posts.
- Increase use of original articles via social media from Advisor.
- Increase South Coast AQMD presence, including expanding library of new up-to-date photos and other content from all departments.
- Livestream AB 617 meetings and other large events.
- Increase relationships with social media coordinators at other agencies, media outlets and local cities.
- Develop more robust social media calendar to include social media holidays and other ways to humanize South Coast AQMD.
- Develop strategy to increase outreach, downloads and use of the Mobile apps via social media influencers.

Graphics

• Complete graphics projects and assignments, including collateral brochures and promotional items.

- Provide videography and editing services as needed.
- In coordination with a Director of Communications, redesign and update South Coast AQMD core collaterals and content for electronic and social media outlets to ensure themes and messaging are consistent and to create focused and clear branding of South Coast AQMD.
- Expand agency photo library and platform to house images (FLICKR, Cloud, etc).

CURRENT ORGANIZATIONAL CHART:



POSITION SUMMARY: 59 FTEs

Legislative & Public Affairs/Media	Amended		Budget
Office Units	FY 2021-22	Change	FY 2022-23
Administration	8	-	8
Legislative & Public Affairs	46	-	46
Media Office	5	-	5
Total	59	-	59

POSITION DETAIL:

<u>FTEs</u>	<u>Title</u>
4	Administrative Assistant I
1	Administrative Assistant II
2	Air Quality Engineer
2	Air Quality Specialist
1	Assistant Deputy Executive Officer
1	Community Relations Manager
1	Deputy Executive Officer
1	Director of Communications
3	Graphic Illustrator II
1	Legislative Assistant
1	Office Assistant
3	Public Affairs Manager
1	Program Supervisor
1	Public Affairs Specialist
2	Senior Administrative Assistant
9	Senior Office Assistant
2	Senior Public Affairs Manager
20	Senior Public Affairs Specialist
1	Senior Staff Specialist
1	Staff Assistant
<u>1</u>	Supervising Office Assistant
59	Total FTEs

				Legislative & Po Work F	Legislative & Public Affairs/Media Office Work Program by Office				
	╚	Program				FTES		FTES	Revenue
**	#	Code	Program Category	Program	Activities	FY 2021-22	-/+	FY 2022-23	Categories
, ,	1	35 019	019 Customer Service and Business Assistance	AB617-Prog Develop	AB617-Program Development	00.9	1.00	7.00	×
, ,			046 Customer Service and Business Assistance	Admin/Prog Mgmt	Admin Office/Units/SuppCoord Staff	6.02	-1.00	5.02	qı
`''	3		111 Ensure Compliance	Call Center/CUT SMOG	Smoking Vehicle Complaints	8.00	00.0	8.00	IX,XV
7	4	35 126	126 Customer Service and Business Assistance	Clean Air Connections	Coord of region-wide community group	1.00	00.00	1.00	II,IX
	2	35 205	205 Customer Service and Business Assistance	Environmental Education	Curriculum Dev/Project Coord	0.25	00.00	0.25	II,IX,XV
		35 240	240 Customer Service and Business Assistance	Environmental Justice	Impl Board's EJ Pgrms/Policies	3.00	1.00	4.00	N'II
<u> </u>		35 260	260 Customer Service and Business Assistance	Fee Review	Cmte Mtg/Fee-Related Complaint	0.50	00.00	0.50	/X/\/!!!
	\vdash	-	280 Policy Support	Advisory Group/Ethnic Comm	GB Ethnic Comm Advisory Group	0.40	00:00	0.40	XI,II
5,	6	35 281	281 Policy Support	Advisory Group/Small Business	SBA Advisory Group Staff Support	0:20	00.00	0:20	IV,IX
1	\vdash	-	Policy Support	Governing Board Policy	Brd sup/Respond to GB req	0.55	00.00	0.55	a
1	11	35 345	345 Policy Support	Goods Mvmt&Financial Incentive	Goods Movement & Financial Incentives Progr	1.00	00.00	1.00	×
1	12	35 350	350 Operational Support	Graphic Arts	Graphic Arts	2.00	00.00	2.00	a
1	13	35 381	381 Customer Service and Business Assistance	Interagency Liaison	Interact Gov Agns/Promote SCAQMD	0.15	00:00	0.15	la,XV
1	14	35 390	390 Customer Service and Business Assistance	Intergov/Geographic Deployment	Dev/Impl Local Govt Outreach	10.50	00.00	10.50	XI,II
1	15	35 412	412 Policy Support	Legislation/Federal	Lobbying/Analyses/Tracking/Out	0.25	00:00	0.25	<u>a</u>
1	16	35 413	413 Policy Support	Legislation/Exec Office Suppor	Coord Legis w/ EO, EC, Mgmt	0.25	00:00	0.25	la
1	17	35 414	414 Policy Support	Legislation-Effects	Lobbying/Analyses/Tracking/Out	0.80	0.00	0.80	la,IX
1	18		416 Policy Support	Legislative Activities	Supp/Promote/Influence Legis/Adm	0.50	00:00	0.50	la
1	19		491 Customer Service and Business Assistance	Outreach/Business	Chambers/Business Meetings	1.00	00.00	1.00	II,IV
2	70	35 492	492 Customer Service and Business Assistance	Public Education/Public Events	Pub Events/Conf/Rideshare Fair	2.00	00.00	2.00	II,V,IX,XV
2	21	35 494	494 Policy Support	Outreach/Collateral/Media	Edits, Brds, Talk shows, Commercl	2.60	00:00	5.60	la
2	22	35 496	496 Customer Service and Business Assistance	Outreach/Visiting Dignitary	Tours/Briefings-Dignitary	0.25	0.00	0.25	la
2	23	$\overline{}$	514 Customer Service and Business Assistance	Permit: Expired Permit Program	Assist w Permit Reinstatement	0:30	00:00	0:30	≥
2	24	35 555	555 Customer Service and Business Assistance	Public Information Center	Inform public of unhealthy air	1.00	00.00	1.00	II,V,IX
2	25	35 560	560 Develop Programs	Public Notification	Public notif of rules/hearings	0.50	00:00	0.50	II,IV,IX
2	56		565 Customer Service and Business Assistance	Public Records Act	Comply w/ Public Req for Info	0.10	00:00	0.10	la
2	_		679 Customer Service and Business Assistance	Small Business Assistance	Small Business/Financial Assistance	1.00	00:00	1.00	=
2	78	35 680	680 Timely Review of Permits	Small Business/Permit Streamln	Asst sm bus to comply/SCAQMD req	3.95	00.00	3.95	II,III,IV,V,XV
2	59	35 710	710 Customer Service and Business Assistance	Speakers Bureau	Coordinate/conduct speeches	0.10	00.00	0.10	la
8	-	35 717	717 Policy Support	Student Interns	Student Interns	0.10	00:00	0.10	la
e	\dashv	$\overline{}$	791 Customer Service and Business Assistance	Toxics/AB2588	Outreach/AB 2588 Air Toxics	0.01	00:00	0.01	×
m	\dashv	$\overline{}$	825 Operational Support	Union Negotiations	Official Labor/Mgmt Negotiate	0.01	0.00	0.01	la
8			826 Operational Support	Union Steward Activities	Union Steward Activities	0.01	0.00	0.01	la
	34	35 855	855 Operational Support	Web Tasks	Create/edit/review web content	0.40	00.00	0.40	la

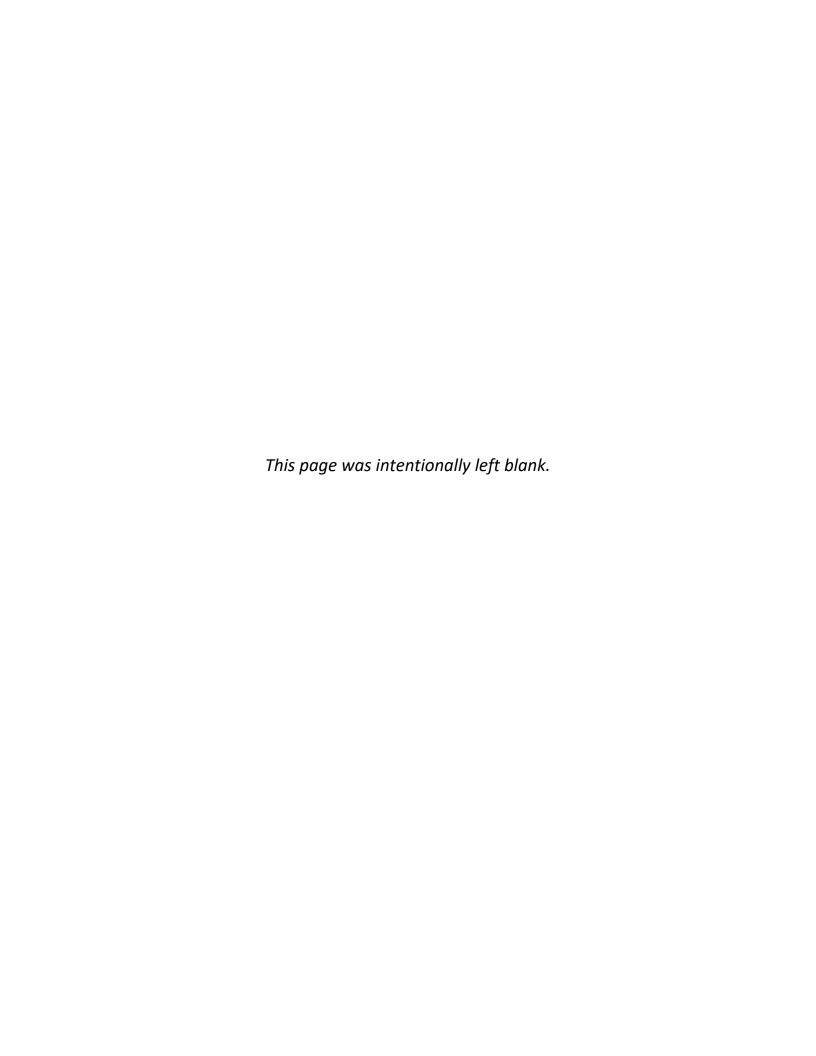
59.00

1.00

58.00

Total Legislative & Public Affairs/Media Office

	Leş	•	& Public Affa ine Item Expe						
Major O	bject / Account # / Account Description		FY 2020-21 Actuals	FY 2021-22 opted Budget	FY 2021-22 ended Budget		FY 2021-22 Estimate *		Y 2022-23 posed Budget
Salary & Employe	ee Benefits								
51000-52000	Salaries	\$	5,276,989	\$ 5,252,802	\$ 5,430,661	\$	5,363,134	\$	5,668,371
53000-55000	Employee Benefits		3,189,038	3,589,869	3,589,869		3,545,231		3,438,203
Sub-total Salary 8	& Employee Benefits	\$	8,466,027	\$ 8,842,670	\$ 9,020,530	\$	8,908,365	\$	9,106,574
Services & Suppli	ies								
67250	Insurance	\$	-	\$ -	\$ -	\$	-	\$	-
67300	Rents & Leases Equipment		-	7,000	7,000		7,000		7,000
67350	Rents & Leases Structure		-	9,000	9,000		9,000		9,000
67400	Household		-	-	-		-		-
67450	Professional & Special Services		4,128,732	1,705,851	3,065,851		3,065,851		1,705,851
67460	Temporary Agency Services		38,586	114,000	84,000		84,000		114,000
67500	Public Notice & Advertising		-	26,600	26,600		26,600		26,600
67550	Demurrage		224	-	-		-		-
67600	Maintenance of Equipment		-	9,000	9,000		9,000		9,000
67650	Building Maintenance		-	-	-		-		-
67700	Auto Mileage		37	24,800	24,800		24,800		24,800
67750	Auto Service		-	-	-		-		-
67800	Travel		661	45,200	45,200		20,000		45,200
67850	Utilities		-	-	-		-		-
67900	Communications		55,834	47,000	42,000		42,000		47,000
67950	Interest Expense		-	-	-		-		-
68000	Clothing		1,099	-	-		-		-
68050	Laboratory Supplies		-	-	-		-		-
68060	Postage		3,334	137,800	130,616		100,616		137,800
68100	Office Expense		84,610	45,300	43,900		43,900		45,300
68200	Office Furniture		1,717	-	1,400		1,400		-
68250	Subscriptions & Books		29,859	18,200	29,856		29,856		18,200
68300	Small Tools, Instruments, Equipment		-	-	-		-		-
68400	Gas and Oil		-	-	-		-		-
69500	Training/Conference/Tuition/ Board Exp.		9,031	8,500	10,684		10,684		8,500
69550	Memberships		31,982	26,250	49,594		49,594		26,250
69600	Taxes		-	-	-		-		-
69650	Awards		90,342	49,681	49,681		49,681		49,681
69700	Miscellaneous Expenses		31,886	43,100	43,100		43,100		43,100
69750	Prior Year Expense		(145)	-	-		-		-
69800	Uncollectable Accounts Receivable		-	-	-		-		-
89100	Principal Repayment		-	-	-		-		-
Sub-total Services	s & Supplies	\$	4,507,788	\$ 2,317,282	\$ 3,672,282	\$	3,617,082	\$	2,317,282
77000	Capital Outlays	\$	-	\$ -	\$ -	\$	-	\$	-
79050	Building Remodeling	\$	-	\$ -	\$ -	\$	-	\$	-
Total Expenditure		Ś	12,973,815	\$ 11.159.952	\$ 12.692.812	\$	12,525,447	Ś	11,423,856
	d on July 2021 through February 2022 actual e	<u> </u>		 ,,	 , ,-	7	,,	, -	,,



SARAH REES DEPUTY EXECUTIVE OFFICER

At a Glance:	
FY 2021-22 Adopted	\$25.2M
FY 2022-23 Budget	\$24.9M
% of FY 2022-23 Budget	13.2%
Total FTEs FY 2022-23 Budget	141

DESCRIPTION OF MAJOR SERVICES:

Planning, Rule Development and Implementation (PRDI) is responsible for the majority of South Coast AQMD's air quality planning and rulemaking functions, including State Implementation Plan (SIP) related activities, air quality management and maintenance plans, reporting requirements and other state and federal Clean Air Act requirements. Key functions include:

- Preparing Air Quality Management Plans that include strategies to ensure that the South Coast Air Basin and Coachella Valley can achieve state and federal ambient air quality standards
- Developing proposals for new and amended rules to implement measures in the Air Quality Management Plan, to meet state and federal requirements, and to reduce air toxic emissions
- Socioeconomic impact and California Environmental Quality Act (CEQA) analyses for rulemaking
- Commenting on CEQA projects throughout the South Coast Air Basin
- Developing and implementing mobile source strategies such as:
 - o Implementing fleet rules to reduce emissions from public fleets;
 - Developing facility-based measures aimed at achieving emission reductions from indirect mobile sources associated with ports, airports, railyards, and warehouses; and
 - o Engaging CARB and U.S. EPA on mobile source rulemaking efforts
- Coordinating with Legislative & Public Affairs/Media Office and the Technology Advancement Office (TAO) on state and federal legislative and regulatory issues and air quality incentives
- Conducting air quality evaluations, modeling, forecasting, and developing emissions inventories
- Coordinating the selection and implementation of AB 617 in priority communities, developing Community Emissions Reduction Plans, and implementing many of the action items in those plans
- Leading the assessment, dissemination, and communication of air quality data, forecasts, advisories, and alerts, and providing guidance on health effects associated with air quality policies and other air quality-related issues that arise from a variety of situations such as wildfires, individual facilities, and community concerns
- Developing the Multiple Air Toxics Exposure Study (MATES) to assess regional air toxic emissions and risk throughout the region
- Implementing several key ongoing programs, including the state Toxics "Hot Spots" program (AB 2588), Annual Emissions Reporting program (AER), Employee Commute Trip Reduction (Rule 2202), Rule 444, Open Burn Program and the AB 2766 Subvention fund program
- Developing South Coast AQMD policy for climate change, energy, and other air quality related subjects

ACCOMPLISHMENTS:

Recent:

<u>AB 617</u>

- Adopted a Community Emissions Reduction Plan (CERP) Amendment for one 2019-designated community, began CERP implementation for the 2019-designated communities, and continued CERP implementation for the three 2018-designated communities
- Participated in AB 617 meetings with CARB, CAPCOA, and other external stakeholders
- Develop and adopt CERP for the 2020-designated community
- Completed technical evaluation for the 2021 community selection process

AB 2588

- Approved a Voluntary Risk Reduction Plan for Ultramar Refinery and designated Coastline High Performance Coatings as a Potentially High Risk Level facility. Continued implementation of AB 2588, including calculating priority scores, auditing quadrennial inventories, reviewing and approving Voluntary Risk Reduction Plans, Health Risk Assessments, and Air Toxics Inventory Reports
- Continued providing input to CARB and coordinating with CAPCOA regarding drafting updates to the AB 2588 guidelines and expanded list of covered compounds

Air Quality Assessment

- Issued daily air quality forecasts and over 80 advisories in 2021
- Finished MATES V analysis, wrote several chapters and appendices in the report, and developed an interactive data display
- Reviewed several permit requests, answered 130+ public phone inquiries and 150+ email inquiries, responded to media requests, and participated in several media interviews
- Developed tools to analyze PM2.5 and PM10 exceptional events, and drafted four exceptional event demonstrations (one PM2.5 demonstration, three PM10 demonstrations)
- Developed and adopted the 2020 South Coast PM10 Maintenance Plan for the 1987 PM10 Standard and the 2021 PM2.5 Redesignation Request and Maintenance Plan for the 2006 and 1997 24-hour PM2.5 Standards
- Completed deployment of public maps, interactive data displays, and analysis for AB 617.
- Developed software and templates to facilitate the issuance of air quality alerts from air districts in Southern California through the National Weather Service
- Evaluate air quality metrics, progress, and attainment of the standard. Prepared the annual air quality card. Wrote Chapter 2 and Appendix 2 for the Draft 2022 AQMP

Air Quality Modeling/Emissions Inventory

- Completed air toxics emissions inventories and photochemical modeling to estimate inhalation and multiple pathway cancer risks for MATES V
- Developed AB 617 community-based detailed emissions inventory for two communities
- Hosted Technical Advisory Group meeting to assist AB 617 community source attribution analysis
- Developed emissions inventory and demonstrated the maintenance of attainment of the 2006 and 1997 24-hour PM2.5 NAAQS and 1987 PM10 NAAQS for South Coast Air Basin

- Developed transportation conformity and motor vehicle emissions budget for the PM2.5 and PM10 maintenance plans
- Submitted to U.S. EPA a technical clarification memo confirming the attainment demonstration of the 2012 annual PM2.5 NAAQS for the South Coast Air Basin using updated emissions inventory
- Updated emissions in key area source categories such as fuel combustion in residential and commercial buildings, and aircraft emissions from 41 airports
- Developed future years' business-as-usual (baseline) emissions inventories for the 2022 AQMP, which
 includes growth in socio-economic activities, reductions from regulations recently adopted by South
 Coast AQMD and CARB, and algorithms to project RECLAIM emissions to the years after the program
 sunsets
- Developed a modeling tool to estimate biogenic VOC emissions from urbanized areas in the Basin
- Evaluated the impact of meteorology on the Basin's ozone and PM air quality
- Developed control factors for various source categories including both stationary and mobile sources to attain the 2015 70ppb NAAQS
- Conducted a comprehensive numerical modeling to evaluate air quality changes during the COVID-19 shelter-in-place order
- Developed carrying capacity, maximum allowable emissions amount to attain ozone standards, for the 70ppb ozone standard
- Hosted the Science, Technology, Model Peer-Review (STMPR) meetings to discuss emissions inventory and attainment modeling approaches used in the 2022 AQMP
- Reviewed General Conformity requirements for projects submitted to South Coast AQMD

Annual Emissions Reporting

- Updated the Annual Emissions Reporting (AER) web tool software to implement Rule 301 amendments, expanded reporting parameters pursuant to CARB's Criteria and Toxic Reporting Regulation, and enhanced the capability of on-line payments and certification
- Identified and notified approximately 1,600 facilities subject to South Coast AQMD's AER program.
- Reviewed data from AER reports ultimately generating approximately \$18 million in annual emission fees
- Reconciliation review of more than 250+ Emission Reports for RECLAIM facilities.
- Provided program information and training on report preparation and submittal through a virtual workshop; responded to over 600 inquiries from the AER hotline and email inbox related to assistance with preparing and submitting annual emissions reports
- Compiled and submitted CY2020 device level emission data to CARB
- Provided input to CARB and coordinated with CAPCOA on updates to the Criteria Pollutant and Toxics
 Emissions Reporting (CTR) regulation section of AB 617 and updated list of AB 2588 compounds
- Implemented current CTR requirements in effect for 2021 reporting year
- Worked with stakeholders from the EQUATE Working Group on the development of a source test tracking system and potential updates to default toxic emission factors used for AER reporting

AQMP/SIP

 Held a 2022 AQMP Control Measures Workshop to provide an overview of the control measures and strategies being developed/considered for the 2022 AQMP and to solicit input from all stakeholders on control strategies

- Prepared and submitted a Certification of Nonattainment New Source Review and Clean Fuels for Boilers Compliance Demonstration for the 2015 8-hour ozone standard
- Held Advisory, Mobile Source, and Residential and Commercial Building Working Group meetings to develop strategies for the 2022 AQMP
- Supported development of the 2020 South Coast PM10 Maintenance Plan for the 1987 PM10 Standard in addressing various Clean Air Act requirements
- Supported development of the 2021 PM2.5 Redesignation Request and Maintenance Plan for the 2006 and 1997 24-hour PM2.5 Standards for South Coast Air Basin in addressing various Clean Air Act requirements
- Execution and currently implementing contracts for 26 incentive projects designed to reduce criteria pollutant emissions/toxic exposure and technology demonstration and deployment

AREA SOURCES

- Program Development
 - o Continue the implementation of the Green House Gases for CARB
 - Continue the implementation of contracts for Energy Efficiency Measures upgrades and Multifamily Affordable Housing Electrification Project
- Program Implementation
 - Continue rule effectiveness for area sources VOC reduction rules
 - Continue rule effectiveness for refrigerant emissions
 - o Continue rule effectiveness for vehicle scrapping and transportation programs

CEQA

- Prepared CEQA documents for 17 South Coast AQMD rules and plans, oversaw the preparation of CEQA documents for four permit projects, and conducted over 30 CEQA pre-screenings
- Reviewed over 1,000 CEQA documents prepared by other lead agencies and provided comments on over 220 CEQA documents
- Provided technical consultation for ongoing development projects including the California High Speed
 Rail project and litigation support for the China Shipping Terminal project

Facility Based Mobile Source Measures

- Adopted Rule 2305 to reduce NOx and PM from warehouse and warehouse related activities
- Continued implementation of emission reduction measures included in the Memorandum of Understandings (MOUs) between the South Coast AQMD and the five main commercial airports in the Basin, based on each airport's Air Quality Improvement Plan or Air Quality Improvement Measures
- The first annual report on the progress implementing MOU measures were developed and submitted to U.S. EPA
- Continued development of indirect source rules on warehouses and railyards
- Continued MOU negotiation with the Ports of Los Angeles (LA) and Long Beach (LB) while beginning internal work on a potential indirect source rule for marine ports from December
- Continued development of emission reduction strategies for new or redevelopment projects
- Continued international outreach to Chinese and Japanese authorities in exploring partnershipbuilding to reduce emissions from ocean-going vessels and port operations in general, including coorganizing an international virtual forum on Green Ports and Low Carbon City with Shenzhen and Hong Kong authorities

- Continued coordination with U.S. EPA, CARB, and other coastal air districts on OGV control strategies, and initiated studies with international stakeholders to further examine OGV NOx emission profile during low load operations
- Started rule development to address NOx and PM emissions from new intermodal railyards

Health Effects

- Released Final MATES V report as well as an interactive data visualization tool and air monitoring dashboard
- Provided health effects information in response to high-profile community concerns and completed five media interviews on air pollution and health-related topics
- Managed three research contracts through the Health Effects of Air Pollution Foundation

Fleet Rules/Mobile Sources

- Continued implementation of South Coast AQMD Fleet Rules
- Continued technical evaluation of Rule 1610 Mobile Source Emission Reduction Credits (MSERC) applications and Rule 2202 Electric Vehicle Charging Station Projects
- Continued tracking development of CARB's draft Mobile Source Strategy and provided comments and testimony
- Continued tracking development of CARB's proposed regulations for Heavy-Duty Vehicle Inspection and Maintenance, Advanced Clean Fleets, TRUs, commercial harbor crafts, locomotives, etc. and provided comments and testimony

<u>Stationary Source Rule Development</u>

- Adopted Rules 1109.1 and 429.1, amended Rules 1304 and 2005, and rescinded Rule 1109 to establish NOx and CO limits for petroleum refineries and facilities with operations related to petroleum refineries
- Amended Rule 1111 to provide a compliance extension for specific furnaces
- Adopted Rule 118.1 and amended Rule 1470 to provide optional testing and maintenance schedule for water and sewage facilities with emergency standby engines located in very high fire severity zone
- Adopted Rule 1147.1 to establish NOx BARCT emission limits for aggregate dryers
- Amended Rule 1466 to reduce dust emissions containing toxic air contaminants
- Amended Rule 1469.1 to limit hexavalent chromium emissions from chromate spray coating operations
- Amended Rule 1469 to limit toxic air contaminants from metal finishing facilities
- Amended Rules 218 and 218.1 and adopted Rules 218.2 and 218.3 to establish Continuous Emission Monitoring Systems performance requirements
- Adopted Rule 1150.3 to establish NOx and CO limits for combustion equipment at landfills
- Adopted Rule 1407.1 to limit toxic air contaminants from chromium metal melting operations
- Conducted monthly RECLAIM and New Source Review meetings and held over 50 individual facility or industry-specific meetings. Revised second version of the RECLAIM Transition Plan
- Launched Phase II of updated web-based Flare Event Notification System (FENS) for refineries
- New consumer incentives for the Clean Air Furnace Rebate Program

Socioeconomic Analysis

Completed Socioeconomic Impact Assessments for new and amended rules

- Conducted studies for the public welfare benefits analysis in future AQMP and assessment of potential revenue that could be generated by a future sales tax
- Developed new computer model that helps optimize spending of incentive funding

Transportation Programs

- Assisted 162 local governments with the implementation of AB 2766 funds to reduce emissions, including 371 projects in their communities using approximately \$24.5M of motor vehicle revenues
- Conducted 15 AB 2766 remote training sessions for 100 representatives of 73 local governments
- Developed a new web-based portal and database program for AB 2766 annual report submittals and processing
- Assisted employers with Rule 2202 plans and processed about 1,200 Rule 2202 plan submittals
- Assisted Rule 2202 regulated employers with temporary protocols put in place during the COVID-19 pandemic
- Continued to implement a new online Employee Transportation Coordinator Training/Certification class using the Zoom remote meeting software
- Conducted 11 Rule 2202 ETC Training/Certification classes in which 110 new ETCs where trained.
- Continued to develop the EMovers platform for Rule 2202 online submittals and payment processing
- Completed approximately 25 public records requests for Rule 2202 information
- Initiated compilation of data for potential Rule 2202 amendment, including evaluation of a UCLA graduate student research project regarding AVR zones and regulated employers AVR scores
- Initiated the development of a new control measure for ZE infrastructure in support of the AQMP, including formation of a working group and coordination of planning efforts with stakeholders

Other

 Developed comment letters on key U.S. EPA initiatives, including the PM and Ozone proposed NAAQS, transparency in regulatory science, and transparency in cost benefit analysis for Clean Air Act actions.
 Coordinated with the Energy Commission and Public Utilities Commission for mobile source electrification policies

Amend AB 1318 Mitigation Fees Fund Contract with Coachella Valley Association of Governments for the Coachella Valley Link project

ANTICIPATED:

AB 617

- Continue or begin implementation of adopted CERPs for the 6 communities designated in 2018, 2019, and 2020 (Years 1-3), which includes quarterly Community Steering Committee meetings
- Conduct outreach and develop recommendations for additional communities for the AB 617 program
- Convene Technical Advisory Group meetings and participate in other AB 617 meetings with CARB, other agencies, and stakeholders

AB 2588

 Begin to engage in the Department of Toxics 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 work with California Air Resources Board (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 Emission Inventory Criteria and Guidelines for the Air Toxics "Hot Spots" Program (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 Health Risk Assessments (HRA) guidelines for the industrywide source categories and to develop and provide training programs.
- Continue activities to implement Rule 1402 and the Hot Spots Program

Air Quality Assessment

- Continue to develop tools for PM2.5 and PM10 exceptional event demonstrations to streamline future demonstrations
- Continue to evaluate air quality metrics, progress, and attainment of the standard
- Continue supporting quality forecasting, advisories, and responding to public inquiries
- Finish development and deploy a new statistical air quality forecasting model to assist in the creation of the daily forecast
- Continue enhancing tools to disseminate the air quality forecasts, including interactive maps and plots. Transition to webpages that separate the hourly forecast (public-facing) from the 24-hour forecast (regulatory impacts)
- Finish development of a new system to deploy interactive advisories in html format to the web
- Finish development of an enhanced wildland and agricultural burning outlook
- Continue developing the real-time AQI map by integrating measurements from AQ sensors

Air Quality Modeling/Emissions Inventory

- Complete emissions inventory for the base year (2018), Reasonable Further Progress milestone years, future attainment years to be included in the 2022 AQMP
- Complete attainment scenario for the 2015 70ppb ozone standard for the South Coast and Coachella Valley air basins
- Continue collaboration with EPA, CARB, other regulatory agencies, and academic institutions to improve air quality models to be the state-of-the-science
- Host Science, Technology, Model Peer-Review (STMPR) meeting to finalize the 2022 AQMP
- Develop attainment demonstration for the 2012 annual PM2.5 NAAQS for the South Coast Air Basin, which will be submitted to U.S. EPA
- Continue technical assistance to the AB 617 program, especially to identify the sources of major air contaminants for each community
- Continue to host AB 617 Technical Advisory Group meeting
- Continue assisting with regional modeling projects and GIS geospatial analysis

Annual Emissions Reporting

- Continue evaluating submittals of emissions inventories and annual emissions fees
- Continue to improve and additional functionality to the AER on-line reporting system to facilitate data entry for users and incorporate changes to facilitate emission reporting required under CARB's CTR regulation

- Continue to work with CARB and CAPCOA on the development and implementation of the Criteria Pollutant and Toxics Emissions Reporting (CTR) regulation section of AB 617
- Continue to work with the EQUATE Working Group to develop/improve source test tracking system and provide potential updates to default toxic emission factors

AQMP/SIP

- Develop 2022 AQMP to address 2015 8-hour ozone standard through AQMP Advisory Group and meetings to develop specific strategies for mobile sources and stationary sources such as residential and commercial buildings
- Present 2022 AQMP in regional hearings and Board hearing, and submit the Plan into the SIP
- Evaluate PM2.5 design values for attainment status of the 2006 24-hr PM2.5 standard for the Basin and ozone design values for attainment status of the 1979 1-hour ozone standard for the Basin and 1997 8-hour ozone standard
- Continue attracting external funding to implement incentive control measures included in the 2016 AQMP
- Execute contracts for stationary source projects that reduce emissions and toxic exposure
- Develop tracking system for emission reductions achieved as a co-benefit to climate change programs

AREA SOURCES

- Continue rule effectiveness for all Area Sources programs
- Continue administering contracts for residential energy efficiency upgrades in the Coachella Valley and San Fernando Valley. Continue rule effectiveness for CARB contract

CEQA

- Update health risk guidance and South Coast AQMD's localized significance thresholds (LSTs)
- Begin developing a policy document on analyzing cumulative impacts
- Continue support on upgrades to California Emission Estimator Model (CalEEMod)
- Continue commenting on CEQA Lead Agency and Responsible Agency projects and other agencies' CEQA documents

Facility-Based Mobile Source Measures

- Continue evaluating annual progress of airports' implementing MOU measures and work with U.S. EPA to acquire SIP credits for the emission reductions generated by the MOU measures
- Proposed rule for new intermodal railyards and proposed MOU(s)/rule for marine ports for Governing Board consideration in 2022
- Continue implementing compliance program for warehousing facilities and initiate compliance program(s) for facilities covered by any newly adopted indirect source rules and MOUs
- Track implementation of MOUs with the commercial airports to ensure progress
- Continue collaborations with key stakeholders at international ports, to develop incentive-based framework to accelerate deployment of cleaner vessels to trans-Pacific shipping routes; work with U.S. EPA, CARB, and other coastal air districts in coordinating OGV emissions reduction strategy/programs; and work with domestic and international partners in further understanding OGV in-use emissions profile
- Continue to collaborate with TAO regarding marine technology manufacturers and shipping lines to identify and demonstrate promising retrofit technologies and conduct OGV emissions testing

Mobile Sources/Fleet Rules

- Continue working on implementation of existing fleet rules including compliance verification activities; implement mobile source 2016 AQMP measures such as fleet rule amendments
- Quantify and secure SIP credits for mobile source incentive projects working with CARB and U.S.
 EPA
- Track development of mobile source regulations by CARB and U.S. EPA
- Continue tracking development of CARB's Mobile Source Strategy and SIP State Strategy for 2022
 AQMP

Stationary Source Rule Development

- Continue monthly RECLAIM Working Group Meetings to discuss the transition of RECLAIM facilities to a
 command and control regulatory structure consistent with the 2016 AQMP control measure CMB-05 and
 AB 617, as well as New Source Review issues pertaining to the transition and adopt/amend rules to establish
 NOx BARCT limits for the RECLAIM transition and address comments from U.S. EPA
- Amend Regulation XIII (New Source Review) and Regulation XX (RECLAIM) to revise New Source Review provisions for the RECLAIM transition and to address comments from U.S. EPA
- Continue to adopt and amend rules to address criteria pollutants, , commitments from Community Emission Reduction Plans, and air toxics
- A number of rule development projects expected to be adopted or amended within this fiscal year such as NOx landing rules with BARCT limits for miscellaneous combustion equipment, food ovens, and nitric acid processing, requirements for power plants and turbines, rules to reduce toxic air contaminants, and indirect source rules for ports and railroads

Socioeconomic Analysis

Continue conducting socioeconomic analyses for rules, air quality plans, and other special projects

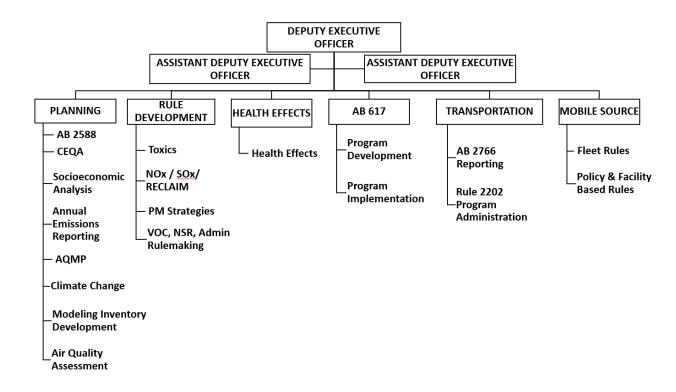
Transportation Programs

- Continue conducting Employee Transportation Coordinator certification sessions, and review and analyze Rule 2202 annual program submittals
- Complete the development and testing of EMovers, an on-line Rule 2202 plan submittal process.
- Amend Rule 2202
- Implement transition of AB 2766 Annual Reporting to the new web-based portal and database system
- Update AB 2766 Resource Guide to more closely align with statewide and regional mobile source emissions reduction
- Continue supporting the ZE infrastructure control measure, including working group meetings and coordination of planning efforts with stakeholders

Other

- Continue implementation of rules and compliance verification activities for area sources
- Continued support for on-line Rule 1415 refrigerant registration
- Continue working with CE-CERT to characterize and quantify the mechanisms leading to hexavalent chromium emissions during heat treating
- Continue implementing the Clean Air Furnace Rebate Program

ORGANIZATIONAL CHART:



POSITION SUMMARY: 141 FTEs

Planning, Rule Development & Implementation Units	Amended FY 2021-22	Change	Budget FY 2022-23
Office Administration	9	-	9
Planning	60	2	62
Rule Development	21	-	21
Transportation Programs	11	-	11
Health Effects	3	-	3
Mobile Source	9	-	9
AB 617	26	-	26
Total	139	-	141

POSITION DETAIL:

<u>FTEs</u>	<u>Title</u>
2	Administrative Assistant II
10	Air Quality Engineer II
65	Air Quality Specialist
2	Assistant Deputy Executive Officer
1	Contracts Assistant
1	Deputy Executive Officer - Planning, Rule Development & Implementation
1	Health Effects Officer
3	Office Assistant
8	Planning and Rules Manager
25	Program Supervisor
8	Administrative Assistant I
3	Senior Administrative Assistant
4	Senior Air Quality Engineer
1	Senior Meteorologist
4	Senior Office Assistant
<u>3</u>	Senior Staff Specialist
141	Total FTEs

Work Program by Office	FTES Revenue	Program Activities FY 2021-22 +/- FY 2022-23 Categories	AB2766/Mobile Source	0.00	AAA-Irvine Activities All American Asphalt Activities 0.00 0.20 0.20 0.20 XVII	AB617-Prog Develop AB617-Prog Development 29.20 -2.35 26.85 IX	Admin/Office Management Coordinate Off/Admin Activities 15.30 0.90 6.20 1b 1b	Admin/Rule Dev/PRA Admin: Rule Development 1.10 -1.00 0.10 1b	Air Quality Evaluation Air Quality Evaluation 2.75 -0.05 2.70 IX	SCAQMD Projects Prepare Environmental Assessments 4.35 0.00 4.35 II,IV,IX	Arch Ctgs - Admin Rdev/Aud/DB/TA/SCAQMD/Rpts/AER 0.50 -0.40 0.10 XVIII	Arch Ctgs - End User Compliance/Rpts/Rule Implementation 0.75 -0.75 -0.75 0.00 XVIII	Arch Ctgs - Other Compliance/Rpts/Rule Implementation 1.00 -1.00 0.00 XVIII	AB 197 AB 197 0.10 0.00 0.10 xvIII	Area Sources/Compliance Area Source Compliance A.50 -4.50 -000 III,IV,V,IX,XV	Area Sources/Rulemaking Dev/Eval/Impl Area Source Prog 0.25 -0.15 0.10 II,IX IIIIX	Hith Effects Air Pollution Fou Health Effects Air Poll Foundation Support 0.10 0.00 0.00 0.10 1a,11,1V	CEQA Document Projects Review/Prepare CEQA Comments 3.75 -0.50 3.25 II,IX	oment ID/Develop/Impl CEQA Policy 0.50 0.00	ij Review CEQA Docs/Perm Proj	China Cln Shipping China Partnership Cleaner Shpng 1.00 0.00 1.00 IX	ergy/Incentives GHG/Climate Change Policy Development 0.50 0.50 0.00	Monitor Transp. Conformity	AER Gen/Rev/Am/Aud AER General/Review/Amend/Audit 8.70 -1.50 7.20 II,V	AER Admin/Maint AER Administration/Maintenance 1.00 1.50 2.50 II	s AER Hotline/Support 0.00	AQMP/Emissions Inventory Dev Emiss Inv: Forecasts/RFPs 1.25 0.00 1.25 II,IX	d Mob Src Facility Based Mobile Src Meas	-0.40	Group/AQMP Governing Board AQMP Advisory Group 0.50 0.00	ci,Tech,Model Scientific/Tech/Model Peer Rev 0.40 0.00	-1.00	Health Effects Study Health Effect/Toxicology 0.50 1.00 1.50 1.101 1.50 II,III,IX	Incentive RFP Emis Red Projs Incentive Projects Admin 1.00 0.00 1.00 XVII	Indir Src Rule Indir Source Rule Compliance 0.00 2.50 2.50 XVII	Criteria Pollutants/Mob Srcs Dev/Impl Intercredit Trading 0.20 0.00 0.00 0.20 IV,IX	Lead Agency Projects Prep Envrnmt Assmts/Perm Proj 2.00 -0.85 1.15 III	Legislative Activities Supp/Promote/Influence Legis/Adm 0.50 0.00 0.50 1a la	MATES V 0.15	inery MATES V Refinery 0.10 0.00 0.10	ModelDev/Data Analysis/Forecast 2.00 0.70 2.70 II.V.IX
Planning, Rule De		Program		AQMP	AAA-Irvine Activities	AB617-Prog Develop	Admin/Office Management	Admin/Rule Dev/PRA	Air Quality Evaluation	SCAQMD Projects	Arch Ctgs - Admin	Arch Ctgs - End User	Arch Ctgs - Other	AB 197	Area Sources/Compliance	Area Sources/Rulemaking	HIth Effects Air Pollution Fou	CEQA Document Projects	CEQA Policy Development	CEQA Resp Agy Proj	China Cln Shipping	Climate/Energy/Incentives	Conformity	AER Gen/Rev/Am/Aud	AER Admin/Maint	Emissions Inventory Studies	AQMP/Emissions Inventory	Fac Based Mob Src	Advisory Group/Home Rule	Advisory Group/AQMP	Advisory Group/Sci,Tech,Model	GHG Rules-Compl	Health Effects	Incentive RFP Emis Red Projs	Indir Src Rule Cmpl	Criteria Pollutants/Mob Srcs	Lead Agency Projects	Legislative Activities	MATES V	MATES V Refinery	Matorology
		Program Category	Develop Programs	010 Develop Programs	013 Develop Programs	019 Develop Programs	038 Develop Programs	050 Develop Rules	061 Monitoring Air Quality	068 Develop Programs	071 Develop Rules	072 Ensure Compliance	073 Ensure Compliance	074 Develop Rules	076 Ensure Compliance	077 Develop Rules	083 Policy Support	102 Develop Programs	104 Develop Programs	106 Develop Programs	121 Develop Programs	148 Policy Support	165 Develop Rules	215 Ensure Compliance	216 Ensure Compliance	217 Develop Programs	218 Develop Programs	257 Develop Rules	276 Policy Support	277 Policy Support	278 Policy Support	358 Ensure Compliance	362 Develop Rules	368 Develop Programs	371 Ensure Compliance	385 Develop Rules	397 Develop Programs	416 Policy Support	443 Monitoring Air Quality	444 Monitoring Air Quality	445 Monitoring Air Ouglity
	Program	Code	26 002	26 010	26 013	26 019	26 038	26 050 [26 061	26 068	26 071	56	56	56	56	56	56	56	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	56	26	26	20
		#	Т	2	3	4	2	9	7	∞	6	10	11	12	13	14	15	16	17	18	19	70	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	20

Program		Planning, Rule Develo Work F	Planning, Rule Development & Implementation (Cont.) Work Program by Office	FTEs		HES	Revenue
	Program Category	Program	Activities	FY 2021-22	-/+	FY 2022-23	Categories
446 Operational Support		Mentorship Program	Mentor/Mentee Activities	0.00	0.10	0.10	XI
449 Develop Rules		Mob Src/SCAQMD Rulemaking	Prepare SCAQMD Mob Src rulemaking proposals	1.00	1.10	2.10	×
451 Develop Programs		Mob Src/CARB/EPA Monitoring	CARB/US EPA Mob Src Fuel Policies	0.40	-0.30	0.10	XI
452 Develop Programs		Mob Src/CEC/US DOE Monitoring	CEC/US DOE Mob Src rulemaking proposals	0.20	-0.10	0.10	IX,XVII
460 Develop Rules		Regional Modeling	Rule Impact/Analyses/Model Dev	5.00	1.00	00.9	XI,V,II
461 Timely Review of Permits	mits	Permit & CEQA Modeling Review	Review Model Permit/Risk Assmt	1.00	-0.35	0.65	=
503 Develop Programs		PM Strategies	PM10 Plan/Analyze/Strategy Dev	1.20	-1.10	0.10	II,V,XV
. Customer Service ar	565 Customer Service and Business Assistance	Public Records Act	Comply w/ Public Rec Requests	0.79	90.0	0.85	la
620 Ensure Compliance		Refinery Pilot Project	Refinery Pilot Project	1.10	-1.00	0.10	Н
645 Ensure Compliance		Rule 1610 Plan Verification	Rule 1610 Plan Verification	0.50	-0.50	00:0	XI'N
646 Develop Rules		R1180 Community Mon	R1180 Comm Monitoring Refinery	0.20		0.20	XVII
654 Develop Rules		Rulemaking/NOX	Rulemaking/NOx	3.35	-0.60	2.75	NX,VI,II
655 Develop Rules		NSR/Adm Rulemaking	Amend/Develop NSR & Admin Rules	2.90	-1.10	1.80	11,1V,V,XV
656 Develop Rules		Rulemaking/VOC	Dev/Amend VOC Rules	1.20	2.90	4.10	II,IV,XV
659 Develop Rules		Rulemaking/Toxics	Develop/Amend Air Toxic Rules	10.15	-0.25	06.6	II,XV
661 Develop Rules		Rulemaking/RECLAIM	RECLAIM Amend Rules/Related Is	0.70	0:30	1.00	Н
685 Develop Programs		Socio-Economic	Apply econ models/Socio-econ	4.50	0.00	4.50	II,IV
26 717 Policy Support		Student Interns	Gov Bd/Student Intern Program	0.50	-0.40	0.10	la
26 745 Develop Programs	S	Rideshare	Dist Rideshare/Telecommute Prog	0.55	0.00	0.55	×
Customer Service	26 788 Customer Service and Business Assistance	AB2588 Mailing/Venue	AB2588 Mailing/Venue	0.50	00:00	0.50	XVII
26 794 Ensure Compliance	ce	Toxics/AB2588	AB2588/Toxics	11.80	0.00	11.80	×
796 Ensure Compliance	се	AB2588/Support	AB2588/Support	0.50	00:00	0.50	×
805 Operational Support	oort	Training	Training	1.00	0.00	1.00	lb
816 Develop Programs	us	Transportation Regional Progs	Dev AQMP Meas/Coord w/Reg Agn	0.75	0.00	0.75	XI'N
825 Operational Support	port	Union Negotiations	Official Labor/Mgmt Negotiate	0.05	0.02	0.10	la
826 Operational Support	port	Union Steward Activities	Rep Employees in Grievance Act	0:30	0.00	0:30	la
Customer Servic	833 Customer Service and Business Assistance	Rule 2202 ETC Training	Rule 2202 ETC Training	2.15	0.00	2.15	IX
834 Develop Programs	ms	Rule 2202 Implement	Rule 2202 Proc/Sub Plans/Tech Eval	2.26	-0.01	2.25	ΙX
836 Develop Programs	ns	Rule 2202 Support	R2202 Supt/CmptrMaint/WebSubmt	1.99	0.01	2.00	IX'N
855 Operational Support	port	Web Tasks	Create/edit/review web content	1.21	0.19	1.40	la
880 Operational Support	port	Inclusion/Equity	Inclusion/Diversity/Equity	00:00	0.70	0.70	1a

141.00

(7.00)

148.00

	,	nanning 	, Rule Develop Line Item			ation						
Major O	bject / Account # / Account Description		FY 2020-21 Actuals		FY 2021-22 opted Budget	_	Y 2021-22 nded Budget		FY 2021-22 Estimate *		FY 2022-23 posed Budget	
Salary & Employe	ee Benefits											
51000-52000	Salaries	\$	14,519,503	\$	14,402,446	\$	13,462,442	\$	13,295,044	\$	14,893,36	
53000-55000	Employee Benefits		8,139,686		8,971,998		8,971,998		8,860,436		8,295,53	
ub-total Salary &	Employee Benefits	\$	22,659,189	\$	23,374,444	\$	22,434,440	\$	22,155,480	\$	23,188,90	
ervices & Suppli	es											
67250	Insurance	\$	-	\$	-	\$	-	\$	-	\$	-	
67300	Rents & Leases Equipment		-		-		-		-	\$	-	
67350	Rents & Leases Structure		-		1,000		1,000		1,000	\$	1,00	
67400	Household		-		-		-		-	\$	-	
67450	Professional & Special Services		488,929		1,020,700		1,035,300		850,000	\$	1,020,70	
67460	Temporary Agency Services		29,797		20,000		20,000		20,000	\$	20,00	
67500	Public Notice & Advertising		122,760		205,000		205,000		150,000	\$	205,0	
67550	Demurrage		-		1,000		1,000		1,000	\$	1,00	
67600	Maintenance of Equipment		-		2,500		2,500		2,500	\$	2,5	
67650	Building Maintenance		-		1,000		1,000		1,000	\$	1,0	
67700	Auto Mileage		167		4,000		4,000		4,000	\$	4,0	
67750	Auto Service		-		-		-		-	\$	-	
67800	Travel		681		50,000		35,000		20,000	\$	50,0	
67850	Utilities		_		-		-		-	\$	-	
67900	Communications		10.828		40,584		10.584		10,584	\$	40,5	
67950	Interest Expense		-		-		-		-	\$	-	
68000	Clothing		155		1,500		1,500		1,500	\$	1,5	
68050	Laboratory Supplies		_		-		-		-	Ś		
68060	Postage		53,781		60,000		60,000		60,000	\$	60,0	
68100	Office Expense		119,275		160,000		160,000		160,000	\$	160,0	
68200	Office Furniture		856		-		-		-	\$	-	
68250	Subscriptions & Books		756		2,500		4,500		4,500	\$	2,5	
68300	Small Tools, Instruments, Equipment		-		-				-,500	\$		
68400	Gas and Oil									\$		
69500	Training/Conference/Tuition/ Board Exp.		7,352		25,000		25,000		25,000	\$	25,0	
69550	Memberships		6,273		4.000		4.000		4.000	\$	4,0	
69600	Taxes		-		-,000				-,000	\$		
69650	Awards									\$		
69700	Miscellaneous Expenses		16,871		125.000	1	57.000	-	50,000	\$	125.0	
69750	Prior Year Expense		-		123,000	1	37,000	-	30,000	\$	123,0	
69800	Uncollectable Accounts Receivable									\$		
89100	Principal Repayment				<u> </u>	 				\$		
otal Services & Su		\$	858,482	\$	1,723,784	\$	1,627,384	Ś	1,365,084	\$	1,723,7	
			858,482	_			<u> </u>		<u> </u>	_	1,/23,/	
77000 79050	Capital Outlays	\$	-	\$	70,000	\$	100,000	\$	100,000	\$	-	
	Building Remodeling	\$			-		-	\$	-		24.040.5	
otal Expenditure	25	\$	23,517,671	\$	25,168,228	\$	24,161,824	\$	23,620,564	\$	24,912,6	

SCIENCE & TECHNOLOGY ADVANCEMENT

MATT MIYASATO CHIEF TECHNOLOGIST/DEPUTY EXECUTIVE OFFICER

At a Glance:	
FY 2021-22 Adopted	\$39.8M
FY 2022-23 Budget	\$40.8M
% of FY 2022-23 Budget	21.5%
Total FTEs FY 2022-23 Budget	238

DESCRIPTION OF MAJOR SERVICES:

Science & Technology Advancement is responsible for three key areas of operation: monitoring and analysis; technology research and development; and technology implementation. The Technology Advancement Office (TAO) implements the Clean Fuels Program to commercialize advanced low- and zero-emission technologies and incentive programs such as the AB 617 Community Air Protection (CAP), Carl Moyer, Lower-Emission School Bus, Volkswagen Mitigation Program (VMP), and Proposition 1B-Goods Movement programs (Prop 1B). TAO is also responsible for the administration and implementation of the Enhanced Fleet Modernization Program (EFMP), Residential EV Charging Incentive Program, residential/commercial lawn and garden rebate and residential/school air filtration programs. Staff also provides support for the Mobile Source Air Pollution Reduction Review Committee (MSRC), and Best Available Control Technology programs (BACT). The Monitoring & Analysis Division maintains the South Coast AQMD's (District) ambient air monitoring network, maintains a Federal enhanced particulate monitoring network, operates the Rule 1180 refinery community air monitoring network, operates the analytical laboratory, conducts source tests and evaluations, conducts local community monitoring in areas of concern (AB 617), implements quality assurance programs, evaluates low cost sensors, evaluates and implements optical remote sensing (ORS) technologies for emission measurements, and provides meteorological, sampling and analytical support as part of the District's incident response program, wildfire, and special monitoring projects for the agency.

ACCOMPLISHMENTS:

RECENT:

• Continued the implementation of the Carl Moyer, Surplus Off-Road Opt-In for NOx (SOON), Lower-emission School Bus (LESB), AB 617 CAP incentives, Funding Agricultural Replacement Measures for Emission Reductions (FARMER), VMP, EFMP and the Prop 1B programs with total funding close to \$200 million. In 2021, over 880 vouchers were issued under EFMP, totaling \$7.2 million in expenditures. For the VMP, staff worked with CARB and other administering air districts to continue program development and implementation. The first competitive solicitation of projects for the Combustion Freight and Marine (CFM) category was released in December 2019. \$3.98 million was awarded

SCIENCE & TECHNOLOGY ADVANCEMENT (cont.)

to 16 entities statewide. Additionally, staff released a second solicitation for the CFM category in June of 2021 that remains open. Also, staff released the first solicitation for the Zero-Emission Class 8 Trucks category and received more than \$45 million in project requests. Further, staff released the second solicitation for the Voucher Incentive Program (VIP) that replaces on-road trucks. A total of 30 vouchers were issued, totaling \$1.3M. Staff also supported AB 617 Community Steering Committee meetings with information on incentives and technologies, including potential future strategies.

- Continued the Clean Fuels (CF) program, which is the research, development, demonstration and deployment program for the District. Board approved over \$85 million in projects in 2021, comprising of \$7.9 million in CF funds and \$48.6 million in awards from federal and state solicitations, and \$28.9 million in partners cost share; CF funds were leveraged with a ratio of 1:11. Projects in key technical areas that were initiated in 2021 and will continue through 2023 include heavy-duty electric drive technologies, near-zero emission medium and heavy-duty engines, local renewable natural gas production, and refueling infrastructure for alternative fuels (natural gas, electricity and hydrogen). Applied for and received \$53.3 million in CARB, CEC, U.S. EPA, and San Pedro Bay Port grants for developing and demonstrating heavy duty electric and fuel cell trucks and locomotives, as well as emission control systems for tanker vessels.
- Supported the development and demonstration of emission control technologies for locomotives, marine and ocean-going vessels (OGV). Engaged the technology developers, locomotive and vessel operators who have the expertise in engine and emission control technologies to develop innovative technologies that will result in reducing emissions.
- Applied and awarded \$14,339,390 U.S. EPA Targeted Airshed grant (TAG) for a zeroemission line-haul locomotive repower project, ZE school buses, long range hydrogen class 8 truck project, and commercial lawn & garden incentive program.
- Updated BACT Guidelines including updates to major and minor source policy and procedures in addition to Lowest Achievable Emission Rate (LAER) BACT determinations.
- Participated and provided input in the development of CARB's AB 617 BACT/Best Available Retrofit Control Technology (BARCT) Clearinghouse web-based portal.
- Continued research, development, demonstration and deployment of in-basin renewable energy and microgrid projects, including fuel cells, solar photovoltaic, energy storage and low NOx combustion technologies.
- Continued to assess ambient air quality in the Basin, operated and maintained approximately 39 air monitoring sites resulting in 244,000 valid pollutant data points per month, collected and analyzed over 304 canisters and collected 7200 hourly data points for ambient Volatile Organic Compounds (VOCs) and toxics and over 10,640 filters for components including mass, ions, carbon and metals. This is in support of federal programs including those for National Air Toxics Trends Stations (NATTS), Photochemical Assessment Monitoring Stations (PAMS), National Core (NCORE) PM2.5 Speciation, and Near-Road Monitoring. This data provides the basis for the compliance with the national ambient air quality standards (NAAQS) along with verifying emission models and understanding source contributions for future control measures.
- Performed audits of field and laboratory test methods in support of federal monitoring programs, including "in-house" audits for air toxics; performed 2020 data certification and review.

SCIENCE & TECHNOLOGY ADVANCEMENT (cont.)

- Continued the District's semiannual audit program to improve quality assurance of lead (Pb), PM10 and PM2.5 measurements performed by District staff. Prepared corrective action plans in response to the 2020 U.S. EPA Technical Systems Audit (TSA) for the criteria pollutant program.
- Continued special monitoring efforts to address community concerns and better characterize emissions from oil reclamation activities, metal finishing, metal forging and recycling, battery recycling facilities, and oil and gas operations. Also maintained monitoring efforts near the Salton Sea measuring hydrogen sulfide, PM10 and winds to provide information to alert the public of potential dust and/or odor events.
- Provided incident response monitoring efforts to address air quality concerns during sewage spill in El Segundo, oil spill in Orange County, and odor event in Carson. Provided air monitoring data online and worked with stakeholder agencies and local governance collaboratively to address the situations and public concerns.
- Supported and verified compliance with current rules and regulations, analyzed over 240 samples for asbestos from demolition sites based on complaints and concerns about fallout (deposition), performed over 100 analyses on architectural and industrial maintenance coating products for VOC and Hazardous Air Pollutants (HAP) content; and conducted over 1,500 Source Test (ST) protocol and report evaluations, Continuous Emissions Monitoring System (CEMS) certifications, Laboratory Approval Program (LAP) application reviews and ST observations.
- Completed the final report for air toxic measurements for the Multiple Air Toxics
 Exposure Study (MATES V) at ten fixed locations to characterize and spatially identify
 hazardous air pollutant exposure in the Basin. Continued conducting air monitoring in and
 around communities neighboring refineries using a combination of standardized and
 advanced methods to assess air pollution levels that may be related to refinery emissions.
- Continued the evaluation of commercially available low-cost air quality sensors in the field and laboratory within the AQ-SPEC program.
- Deployed different particle and gas sensors in small networks for specific applications. A
 network of 90 sensors has been developed throughout the Los Angeles Air Basin for Phase
 II of the NASA Citizen Science project. Data collected by these sensors will assist NASA
 scientists to improve our understanding of relationship between satellite aerosol optical
 depth and surface PM, ultimately leading to better observations of air quality from space.
- As part of the U.S. EPA Science to Achieve Results (STAR) Grant project, published sensor
 evaluation toolkit on air quality project planning, operating air quality sensors and
 understanding the data. Sensor installation guides, data analysis and visualization tools,
 infographics, and examples of reports and analysis produced by partner communities
 provide a complete package of educational material. Also, approximately 350 sensors
 continue to measure particulate matter at the community level in 14 communities in the
 State of California that were installed as part of this project.
- Supported AB 617 community outreach efforts and community steering committees by participating in multiple community meetings for each AB 617 community. Also, staff continued developing and implementing community Emissions Reduction Plans (CERPs) and Community Air Monitoring Plans (CAMP). The CERPs and CAMPs are tailored to the air quality needs of each AB 617 community and developed with input from Community Steering Committees (CSCs). As part of CERP implementation, staff lead efforts on

SCIENCE & TECHNOLOGY ADVANCEMENT (cont.)

participatory budgeting for AB 617 funds and developing incentive project plans for air filtration and trucks. Additionally, as part of the CAMP implementation, staff continued mobile monitoring, real- (or near-real-) time and time-integrated measurements at fixed monitoring stations, and development of sensor networks to provide information on the air pollution impact caused by specific emission sources. Staff also worked with the CSC and other stakeholders to develop a CAMP for the "Year Three" community.

- Continued the development and deployment of state-of-the-art mobile platforms that use advanced measurement technologies to conduct highly resolved ambient concentration of criteria pollutants and air toxics. These mobile platforms are ideal for surveying large areas in a relatively short period of time, identifying pollution hotspots and sources that were previously unknown, providing valuable data for actionable consideration, and informing emission reduction efforts. The South Coast AQMD has a fleet of five mobile platforms, most of which have already been deployed in AB 617 and other communities.
- Continued the development of a comprehensive data platform for acquiring, validating, analyzing and mapping air measurement data from the various air monitoring technologies, including real- (and near-real-) time and time-integrated measurements.
- Continued quarterly implementation of a Community Scale Project funded by the U.S.EPA and used ORS technologies for emission measurements in the Carson/Wilmington/Long Beach areas to characterize and quantify emissions from refineries and to access their impact on surrounding communities.
- Continued efforts to maintain a network of 31 samplers for the Department of Homeland Security. Approximately 11,315 samples were delivered to the LA County Department of Public Health in support of the program.
- Continued to provide sampling, monitoring, and laboratory analyses in support of the District Incident and Nuisance Response efforts, including recent wildfire smoke incidents.
- Continued to update the Emissions Quantification and Testing Evaluation (EQUATE) group as per the Governing Board resolution to the recent Regulation III amendments to provide input on the source test review process assessment. Continued providing support for the development of an electronic source test submission portal and tracking dashboard.
- Worked with each major refinery in the Basin and the Western States Petroleum Association (WSPA) to finalize refinery fenceline air monitoring plans and develop quality assurance project plans, with an emphasis on fenceline coverage, data display to the public, public notifications and quality assurance/quality control (QA/QC). Continued working with the refineries on the remaining elements of their plans including communication of data and notifications. Provided formal review and feedback to Rule 1180 Refinery Fenceline monitoring plans.
- Developed and implemented a web-based grant management system for incentive programs, including VMP and Prop 1B, to streamline the application process for applicants and enhance review process for staff.

ANTICIPATED:

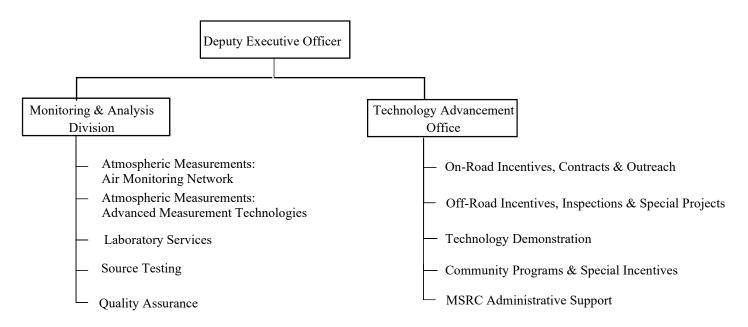
• Incorporate and implement recommendations by the Inclusion, Diversity and Equity Advisory Panel into promotional and hiring practices.

- Seek opportunities such as student internships and educational outreach to provide opportunities that can lead to relevant experience for specialized technical careers.
- Continue to assess, revise and implement the Continuity of Operations (COOP) plan, including recent modifications in response to the COVID-19 worldwide pandemic. Develop procedures for Source Test Engineering field testing that incorporate social distancing and safe practices. Facilitate a safe, efficient and effective transition from a large scale telework environment and evaluate the long-term teleworking policy.
- Continue the development and demonstration of heavy-duty (HD) zero emission cargo transport trucks and off-road equipment and initiate the development and demonstration of zero emission goods movement corridors. Our focus going forward will be demonstrations of large fleets of zero-emission trucks to determine the challenges of widespread adoption. Additionally, develop and demonstrate EV and hydrogen infrastructure supported by energy storage, onsite generation and microgrids to enable large deployments of zero emission HD trucks. With the expected commercialization of battery electric HD trucks our technology focus will shift to fuel cell electric HD trucks and hydrogen infrastructure.
- Continue to seek funding opportunities for the design, development and demonstration of emissions reduction technologies for OGVs and zero-emission technologies for locomotives.
- Continue the implementation of the VIP on a first-come-first-served basis; solicit and complete contracting on- and off-road projects, including marine vessel engine repowering projects, and infrastructure for zero- and near-zero-emission vehicles for the Carl Moyer Program, identify and obtain community support for projects to be funded by CAP incentives and initiate contracting for these projects, continue EFMP implementation and processing over 200 vouchers per month, and obligate all remaining Prop 1B Program funds awarded to the District. Also, issue grants for the replacement of school buses with lower and zero emission buses under the LESB program. Develop and implement the next installment of the Zero-Emission Class 8 Trucks category and continue processing applications for the second solicitation of the Combustion category under CARB's VMP.
- Conduct targeted outreach for incentive programs such as Commercial Lawn & Garden and Moyer, with a focus on small businesses.
- Continue periodic updates to the BACT Guidelines specifically major and minor source policy and procedures and LAER/BACT determinations.
- Continue to participate in the development of CARB's AB 617 BACT/BARCT web-based portal.
- Continue research, development, demonstration, and deployment of low NOx combustion technologies (0.01 g/bhp-hr.), renewable energy and microgrid projects.
- Develop and implement grant management databases for tracking of demonstration and implementation projects.
- Increase deployment of cleaner construction equipment, locomotives, marine (including OGV), and on-road HD vehicles through the continued implementation of funding incentive programs to meet emission reduction goals in the AQMP.
- Continue to apply for funding opportunities from local, state, and federal programs.

- Continue to work with EPA Region IX to receive funding opportunities as part of the American Rescue Plan to support the criteria pollutant network and environmental justice monitoring.
- Provide monitoring, source testing, and analysis for rule development related to upcoming amendments for Rules 1407.1 and 218d.
- Continue source test protocol and report evaluations, CEMS certifications, LAP
 application reviews and source test observations. Increase throughput on source test
 evaluations anticipated due to RECLAIM (Regional Clean Air Incentives Market) sunset
 and permit streamlining efforts.
- Provide support for the completion and implementation of the source test submittal portal and tracking dashboard.
- Facilitate an ammonia CEMS demonstration project to evaluate whether sources of ammonia can be continuously monitored for emissions. If the demonstration is successful, develop a procedure for validating the CEMS.
- Support the contract implementation for a SEP to conduct air monitoring in communities near the Aliso Canyon natural gas facility.
- Start conducting mobile and fixed monitoring, as appropriate, in the Year Three community (South Los Angeles), and continue measurements in three Year One communities (Wilmington, Carson, West Long Beach; San Bernardino Muscoy; and East Los Angeles) and also both Year Two AB 617 communities (South East Los Angeles and East Coachella Valley) as part of their respective CAMP implementation.
- Continue working with the refineries towards approval of their Rule 1180 fenceline air monitoring plans. Continue to oversee the implementation of the refinery fenceline air monitoring systems, public data website and public notification systems developed and implemented by each refinery. Work with each refinery on implementing robust QA/QC of their fenceline air monitoring systems.
- Operate and maintain refinery-related community air monitoring as required under Rule 1180.
- Support the operation of optical tent for real-time monitoring of Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) at the Phillips 66 Wilmington refinery.
- Continue operation and development of the District's air monitoring network and special monitoring efforts critical to the District operations. This includes continued compliance verification and rule development, monitoring efforts in West Rancho Dominguez and Carson.
- Continued development and implementation of mobile surveying methods to assess pollutants in a large area in a short amount of time.
- Continue to refine the ozone monitoring strategy for the U.S. EPA PAMS program to provide more relevant and robust data sets for VOCs that are ozone precursors. Continue to develop concepts for additional specialized studies or ongoing measurements that would provide information to guide future pollution reduction efforts.
- Continue to enhance and modernize the laboratory instrumentation, methodologies, and analysis capabilities to help with special monitoring projects, incident and wildfire response. Continue operational efficiency and data confidence improvement by investing in latest software, automated instruments and equipment and other workflow streamlining efforts.

- Continue to enhance and modernize the District's ambient monitoring network, telemetry system and data management system that receives and validates the incoming data from the air monitoring stations and special monitoring locations to additionally include AB 617 data.
- Continue to assess and oversee operational integrity, efficiency and quality assurance through monthly internal audits of laboratory and field monitoring stations. Prepare for and participate in the U.S. EPA NATTS and PAMS Technical System Audit.
- Continue with full-scale testing of air quality sensors in AQ-SPEC and share testing results with the public. Continue AQ-SPEC program to evaluate sensor performance testing on a mobile platform.
- Implement pilot sensor library program focusing on AB 617 communities. Develop concept for performance verification and/or certification of low-cost particle and gaseous sensors.
- Deploy and pilot several air quality sensor networks for the purpose of developing new low-cost monitoring capabilities for the District, regulated entities, and the public. Continue to implement the goals and objectives of the STAR grant to engage, educate, and empower California communities on the use and applications of "low-cost" air monitoring sensors and complete the deployment of sensor networks in collaboration with CAPCOA agencies and environmental justice groups and communities.
- Continue with the implementation of the remote sensing technology projects and evaluate other next generation monitoring technologies and formulate appropriate recommendations to best integrate into the District's current measurement toolbox.
- Monitor smoke from prescribed burns that have been scheduled by the U.S Forest Service in the San Bernardino National Forest and San Jacinto Mountain Range.

ORGANIZATIONAL CHART:



POSITION SUMMARY: 238 FTEs

Science & Technology	Amended		Budget
Advancement Units	FY 2021-22	Change	FY 2022-23
Office Administration	14	-	14
Monitoring & Analysis	158	-	158
Technology Advancement	61	5	66
Total	233	5	238

POSITION DETAIL:

<u>FTEs</u>	<u>Title</u>
7	Administrative Assistant I
1	Administrative Assistant II
26	Air Quality Chemist
9	Air Quality Engineer II
5	Air Quality Inspector II
22	Air Quality Instrument Specialist I
25	Air Quality Instrument Specialist II
38	Air Quality Specialist
2	Assistant Deputy Executive Officer/Science & Technology Advancement
3	Atmospheric Measurement Manager
14	Contracts Assistant
1	Chief Technologist/Deputy Executive Officer
1	Director Monitoring & Analysis
6	Laboratory Technician
1	Meteorologist Technician
1	Monitoring Operations Manager
4	Office Assistant
3	Planning and Rules Manager
4	Principal Air Quality Chemist
2	Principal Air Quality Instrument Specialist
19	Program Supervisor
3	Senior Administrative Assistant
11	Senior Air Quality Chemist
3	Senior Air Quality Engineer
11	Senior Air Quality Instrument Specialist
1	Senior Enforcement Manager
4	Senior Office Assistant
1	Senior Public Affairs Specialist
2	Senior Staff Specialist
1	Source Testing Manager
2	Staff Assistant
3	Staff Specialist
1	Supervising Air Quality Engineer
1	Technology Implementation Manager
238	Total FTFs

			Science & Te Work	Science & Technology Advancement Work Program by Office				
	Program	u			FTEs		FTEs	Revenue
#	Code	Program Category	Program	Activities	FY 2021-22	-/+	FY 2022-23	Categories
1	44 003	33 Advance Clean Air Technology	AB2766/MSRC	Mob Src Review Comm Prog Admin	0.50	0.00	0.50	×
7	-	004 Advance Clean Air Technology	Advisory Group/Small Business	AB2766 Admin Discretionary Prog	3.00	0.00	3.00	×
က	44 00	009 Develop Programs	AB 1318 Mitigation	AB 1318 Projects Admn/Impl	0.05	0.00	0.05	II/X
4	44 01	012 Advance Clean Air Technology	AQMP/Control Tech Assessment	Tech Supp: Quantify Cost Effec	0.85	-0.20	0.65	III/
2	44 01	013 Monitoring Air Quality	AAA-Irvine Activities	All American Asphalt Activities	00:00	0.40	0.40	XVII
9	44 01	015 Ensure Compliance	Acid Rain Program	Acid Rain CEMS Eval/Cert	0.20	00:00	0.20	II,IV
7	44 01	019 Monitoring Air Quality	AB617-Prog Develop	AB617-Program Development	39.60	-2.20	37.40	×
∞	44 03	030 Advance Clean Air Technology	AB134	AB134	4.00	-4.00	00:00	×
6	44 03	038 Monitoring Air Quality	Admin/Office Mgmt/Monitoring	Overall Program Mgmt/Coord	06:0	00:00	06:0	qı
10	44 03	039 Advance Clean Air Technology	Admin/Office Mgt/Tech Adv	Admin Support/Coordination	0.77	00.00	0.77	IIIA
11	44 04	041 Policy Support	Admin/Office Mgmt/Policy Supp	Overall Policy Supp/Mgmt/Coord	0.49	-0.05	0.44	qı
12	44 04	042 Ensure Compliance	Admin/Office Mgmt/Compliance	Compliance: Assign/Manage/Supp	0.37	00:00	0.37	qı
13	44 04	043 Develop Rules	Admin/Office Mgmt/Rules	Rules: Assign/Manage/Supp	0.15	00.00	0.15	qı
14	44 04	046 Monitoring Air Quality	Admin/Program Management	STA Program Administration	2.00	00.00	2.00	qı
15	44 04	048 Advance Clean Air Technology	Admin/Prog Mgmt/Tech Advance	Overall TA Program Mgmt/Coord	1.55	00.00	1.55	III
16	44 06	063 Monitoring Air Quality	Ambient Air Analysis	Analyze Criteria/Tox/Pollutants	6.91	0.00	6.91	II,V,IX
17	44 06	064 Monitoring Air Quality	Ambient Network	Air Monitoring/Toxics Network	21.55	0.00	21.55	II,IV,V,IX
18		065 Monitoring Air Quality	Air Quality Data Management	AM Audit/Validation/Reporting	1.00	00.00	1.00	XI,V,II
19	${}^{-}$	067 Monitoring Air Quality	Ambient Lead Monitoring	Lead Monitoring/Analysis/Reporting	0.50	0.00	0.50	2
70		069 Develop Programs	AQIP Evaluation	AQIP Contract Admin/Evaluation	0.10	00.00	0.10	×
21	\top	072 Ensure Compliance	Arch Ctgs - End User	Sample Analysis/Rpts	2.00	0.00	2.00	≡/X
22	44 07	073 Monitoring Air Quality	Arch Ctgs - Other	Sample Analysis/Rots	2.00	00.00	2.00	II/X
23		079 Monitoring Air Quality	AQ SPEC	AQ SPEC	6.19	1.00	7.19	II/X
24	44 08	081 Monitoring Air Quality	Air Filtration EPA	Air Filtration EPA/Admn/Impl	0.10	0.00	0.10	>
25	44 08	082 Monitoring Air Quality	Air Fltration Other	Air Filtration Other/Admn/Impl	0.20	0.00	0.20	II/X
26	44 08	086 Advance Clean Air Technology	Airshed FC Bus	Airshed FC Bus	0.25	0.00	0.25	>
27	44 08	087 Advance Clean Air Technology	Airshed OGV	Airshed OGV	0.25	00.00	0.25	>
78	44 08	088 Advance Clean Air Technology	ALISO CANYON SEP	ALISO CYN AIR FILTRATION SEP	0.25	00.00	0.25	II/X
59	44 09	091 Monitoring Air Quality	Aliso Cyn SEP MAD	Aliso Cyn SEP MAD	00:0	0.20	0.20	II/X
30	44 09	094 Advance Clean Air Technology	Capture and Control	Capture and Control Program	0.00	0.20	0.20	II/X//X
31	44 09	095 Advance Clean Air Technology	CA Natural Gas Veh Partnership	CA Natural Gas Veh Partnership	0.05	00.0	0.05	VIII
32	44 09	096 Advance Clean Air Technology	CAPP Year 2-SB 856	CAPP Year 2-SB 856	7.75	1.00	8.75	×
33	44 09	097 Advance Clean Air Technology	CAPP Year 3-AB 74	CAPP Year 3-AB 74	3.00	3.00	6.00	×
34	44 10	105 Ensure Compliance	CEMS Certification	CEMS Review/Approval	2.00	00:00	2.00	II,III,VI
35	44 10	107 Develop Programs	CARB PilotPrj JETSI	CARB Pilot Project (JETSI)	00:00	1.05	1.05	XVII
36	44 10	108 Develop Programs	CEC PilotPrj JETSI	CEC Pilot Project (JETSI)	0.00	0.55	0.55	XVII
37	44 11	113 Monitoring Air Quality	Carson H2S Event 21	Carson-Dominguez Chnnl H2S 21	0.00	1.50	1.50	XVII
38	44 12	121 Advance Clean Air Technology	China Cln Shipping	China Partnership Cleaner Shpng	0.40	0.00	0.40	×
39	44 13	130 Advance Clean Air Technology	Clean Fuels/Contract Admin	Admin/Project Supp for TA Cont	3.00	00:00	3.00	VIII
40	44 13	132 Advance Clean Air Technology	Clean Fuels/Mobile Sources	Dev/Impl Mobile Src Proj/Demo	00.9	0.00	9.00	VIII
41	44 13	134 Advance Clean Air Technology	Clean Fuels/Stationary Combust	Dev/Demo Clean Combustion Tech	0.20	-0.10	0.10	VIII
42	44 13	135 Advance Clean Air Technology	Clean Fuels/Stationary Energy	Dev/Demo Alt Clean Energy	0.55	-0.54	0.01	VIII
43	44 13	136 Advance Clean Air Technology	Clean Fuels/Tech Transfer	Disseminate Low Emiss CF Tech	1.00	-0.31	0.69	III/
4		151 Monitoring Air Quality	EPA-Com-Mobile Monitoring	EPA Com Scale Mobile Monitrng	00:00	1.00	1.00	XVII
42	\neg	175 Ensure Compliance		Develop Systems/Database	0.44	0.00	0.44	II,IV,VI
46	44 18	187 Advance Clean Air Technology	DERA Sch Bus Repl	DERA Sch Bus Repl Admin/Impl	0.00	0.00	0.00	>

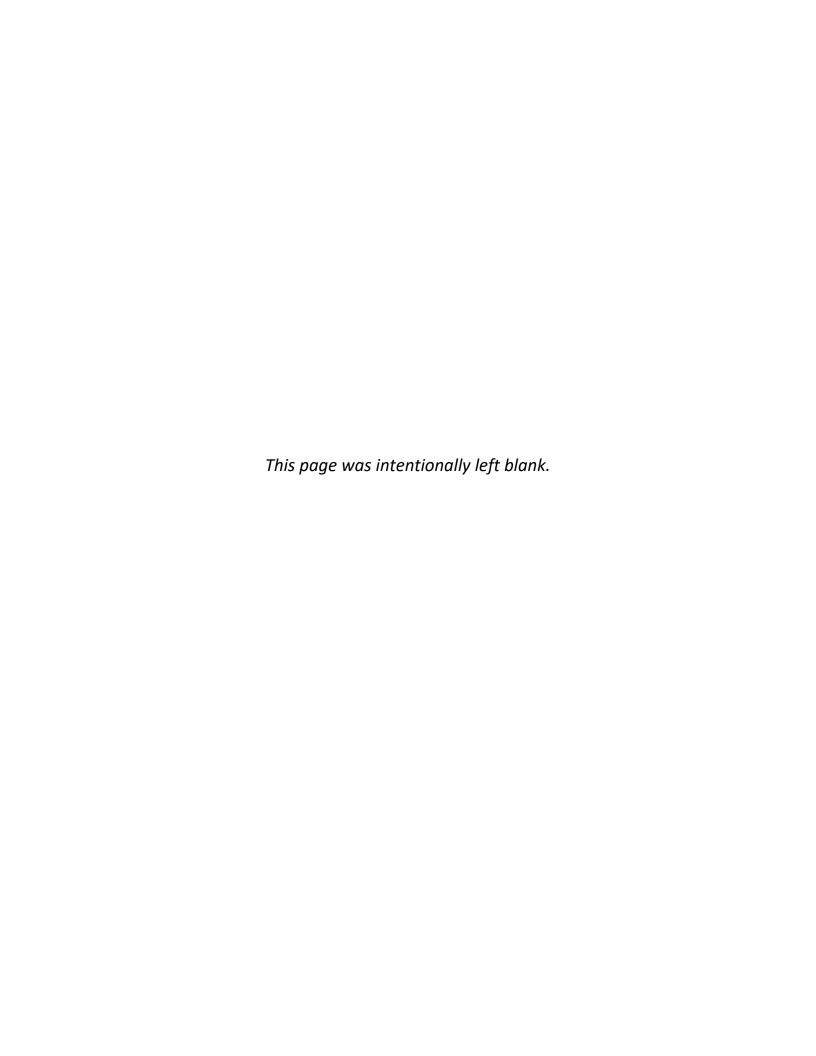
				Science & Techno Work P	Science & Technology Advancement (Cont.) Work Program by Office				
		Program				FTEs		FTES	Revenue
	#	Code	Program Category	Program	Activities	FY 2021-22	÷	FY 2022-23	Categories
	93	44 706	706 Develop Rules	ST Sample Analysis/Air Program	Analyze ST Samples/Rules	0.25	0.00	0.25	=
	94	44 707	707 Ensure Compliance	VOC Sample Analysis/Compliance	VOC Analysis & Rptg/Compliance	6.50	0.00	6.50	IV,XV
	95	44 708	708 Develop Rules	VOC Sample Analysis/Rules	VOC Analysis & Rptg/Rules	0.25	0.00	0.25	/X/II
I	96	44 715	715 Monitoring Air Quality	Spec Monitoring/Emerg Response	Emergency Response	0:20	0.00	0.50	=
<u> </u>	97	44 716	716 Ensure Compliance	Special Monitoring	Rule 403 Compliance Monitoring	2.20	-1.00	1.20	III,IV,IX,XV
ı	86	44 725	725 Timely Review of Permits	Permit Processing/Support E&C	Assist EAC w/ Permit Process	0.35	00.00	0.35	Ξ
	66	44 734	734 Advance Clean Air Technology	Air Shed Volvo	Targeted Air Shed Volvo Admin	0.25	00.00	0.25	II/X
	100	44 737	737 Advance Clean Air Technology	Air Shed Daimler	Targeted Air Shed DaimIr Admin	0.40	-0.15	0.25	II/X
	101	44 738	738 Advance Clean Air Technology	Target Air Shed EPA	Targeted Air Shed Admin/Impl	0:20	0.00	0.50	V,XVII
	102	44 740	44 740 Advance Clean Air Technology	Tech Adv/Commercialization	Assess CFs/Adv Tech Potential	0.25	0.00	0.25	VIII
	103	44 741	44 741 Advance Clean Air Technology	Tech Adv/Non-Combustion	Dev/Demo Non-Combustion Tech	0.20	00.00	0.20	IIIN
	104	44 794		Toxics/AB2588	Eval Protocols/Methods/ST	2.00	0.00	2.00	×
	105	44 795	44 795 Ensure Compliance	Toxics/Engineering	R1401 Toxics/HRA Prot/Rpt Eval	1.30	00.00	1.30	X,IV
	106	44 816	816 Advance Clean Air Technology	Transportation Research	Transport Research/Adv Systems	0.10	0.00	0.10	NIII
	107	44 825	825 Operational Support	Union Negotiations	Labor/Mgmt Negotiations	0.02	00.00	0.02	la
	108	44 826	826 Operational Support	Union Steward Activities	Rep Employees in Grievance Act	0.05	00.00	0.05	la
	109	44 827	827 Advance Clean Air Technology	VW-General Admin	VW-General Admin	2.75	00.00	2.75	II/X
	110	44 840	840 Advance Clean Air Technology	VW-ZE Trucks-South Coast	VW-ZE Trucks-South Coast	1.00	00.00	1.00	XVII
	111	44 841	841 Advance Clean Air Technology	VW-Combustion-South Coast	VW-Combustion-South Coast	1.00	0.00	1.00	XVII
	112	44 856	856 Advance Clean Air Technology	ZANZEFF Volvo	ZANZEFF Volvo	0.40	00.00	0.40	XVII
	113	44 880	44 880 Operational Support	Inclusion/Eauity	Inclusion/Diversity/Equity	00:00	0.05	0.02	1a

238.00

3.00

235.00

Science & Technology Advancement Line Item Expenditure										
			FY 2020-21		FY 2021-22	FY 2021-22		FY 2021-22		Y 2022-23
	oject / Account # / Account Description		Actuals	Add	opted Budget	Amended Budget		Estimate *	Pro	posed Budget
Salary & Employee										
51000-52000	Salaries	\$	19,943,712	\$	21,522,658	\$ 21,199,512	\$	20,935,908	\$	23,005,678
53000-55000	Employee Benefits		11,180,826		12,847,982	12,847,983		12,688,225		13,023,571
	Employee Benefits	\$	31,124,538	\$	34,370,639	\$ 34,047,495	\$	33,624,133	\$	36,029,249
Services & Supplie										
67250	Insurance	\$	-	\$	-	\$ -	\$	-	\$	-
67300	Rents & Leases Equipment		6,133		36,800	61,425		61,425		36,800
67350	Rents & Leases Structure		469,083		443,000	462,991		462,991		443,000
67400	Household		1,694		500	3,700		3,700		500
67450	Professional & Special Services		1,403,363		1,705,000	2,173,859		1,600,000		1,705,000
67460	Temporary Agency Services		292,963		141,600	408,686		408,686		141,600
67500	Public Notice & Advertising		38,146		22,000	32,500		32,500		22,000
67550	Demurrage		68,026		55,000	77,455		77,455		55,000
67600	Maintenance of Equipment		620,705		205,000	665,023		665,023		205,000
67650	Building Maintenance		106,922		170,000	190,400		150,000		170,000
67700	Auto Mileage		31,659		18,909	116,909		76,909		18,909
67750	Auto Service		2,243		-	-		-		-
67800	Travel		1,683		48,403	68,643		68,643		48,403
67850	Utilities		4,815		30,000	30,000		10,000		30,000
67900	Communications		389,394		431,000	381,066		381,066		431,000
67950	Interest Expense		-		-	-		-		-
68000	Clothing		3,418		4,000	29,000		29,000		4,000
68050	Laboratory Supplies		403,213		545,000	610,175		500,000		545,000
68060	Postage		16,210		17,318	45,333		20,000		17,318
68100	Office Expense		252,112		66,393	293,538		243,538		66,393
68200	Office Furniture		27,658		-	26,582		26,582		-
68250	Subscriptions & Books		1,539		1,527	2,027		2,027		1,527
68300	Small Tools, Instruments, Equipment		234,811		162,246	348,932		348,932		162,246
68400	Gas and Oil		-		-	-		-		-
69500	Training/Conference/Tuition/ Board Exp.		9,318		107,000	93,120		50,000		107,000
69550	Memberships		23,100		2,250	162,250		150,000		2,250
69600	Taxes		411		2,000	2,000		2,000		2,000
69650	Awards		-		-	-		-		-
69700	Miscellaneous Expenses		5,387		2,600	19,825		19,825		2,600
69750	Prior Year Expense		(15,175)		-	-		-		-
69800	Uncollectable Accounts Receivable		-		-	-		-		-
89100	Principal Repayment		-		-	-		-		-
Sub-total Services		\$	4,398,829	\$	4,217,546	\$ 6,305,439	\$	5,390,302	\$	4,217,546
77000	Capital Outlays	\$	1,643,198	\$	1,203,000	\$ 2,389,052	_	2,389,052	\$	513,000
79050	Building Remodeling	\$	-	\$	-	\$ -	\$	-	\$	-
Total Expenditures		\$	37,166,565	\$	39,791,185	\$ 42,741,986		41,403,487	\$	40,759,795
	on July 2021 through February 2022 actual expe	_			<u> </u>		<u>'</u>	, -,	<u> </u>	, -,



South Coast AQMD Quick Facts

- Created by the 1977 Lewis Air Quality Management Act; amended by 1988 Lewis-Presley Air Quality Management Act (Health & Safety Code §40400-40540).
 - Regional governmental agency (Special District)
- Jurisdiction for comprehensive air pollution control over all of Orange County, all of Los Angeles County except for the Antelope Valley, the non-desert portion of western San Bernardino County and the western and Coachella Valley portion of Riverside County
 - 10,743 Square Miles; Population of 17,031,233 (2020)
 - Boundaries are Pacific Ocean to the west; San Gabriel, San Bernardino and San Jacinto Mountains to the north and east, and the San Diego County line to the south
 - Vehicle Registrations 13,774,023 (2020); Average Daily Miles Traveled Per Vehicle – 27 (2020)
 - Two of the world's busiest seaports are within its boundaries, Port of Los Angeles and Port of Long Beach, who combined handle almost 3,400 vessel calls (2020) and more than 17.3 million 20-foot long container units or 20-foot equivalent units (TEUs) annually (2020)
- Responsibilities include:
 - Monitoring air quality 39 air monitoring stations
 - Planning, implementing, and enforcing programs to attain and maintain state and federal ambient air quality standards
 - Developing air quality rules and regulations that regulate stationary source emissions from such facilities as oil refineries, power plants, paint spray booths, incinerators, manufacturing plants, dry cleaners, and service stations
 - Establishing permitting requirements and issuing permits for stationary sources (25,004 operating locations with 66,652 permits)
- Decision-making body is a 13-member Governing Board
 - Ten elected officials with four appointed by the Board of Supervisors from each
 of the four counties and six appointed by cities within the South Coast AQMD
 - Three members appointed by the Governor, the Speaker of the State Senate, and the Rules Committee of the State Senate

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT Operating Indicators by Function Last Ten Fiscal Years

2021	385 \$202,126,095	25,658 838 13	241 241 3,840	1,319	19 25,501 498	6,727 438 6,767	179
$\overline{2020}$	349 \$127,879,802	27,595 2,076 26	3,416 144 3,357	1,335	30,225 562	8,345 485 8,070	126 672
2019	564 \$213,005,034	24,289 2,724 29	4,830 193 3,043	1,357	33,258 632	9,463 541 8,131	99
<u>2018</u>	357 170,391,084	24,692 1,626 24	4,676 156 4,073	1,356	28 36,342 714	10,913 605 9,172	120 1,235
$\overline{2017}$	403 137,406,323 \$	21,419 632 27	5,282 210 2,834	1,348	15 38,541 952	11,780 535 8,376	86 1,201 1,201
$\frac{2016}{}$	421 153,900,867 \$	24,037 499 23	4,958 239 1,865	1,337	16 32,400 936	9,482 594 9,894	89 1,450 1,450
<u>2015</u>	1,047 123,181,473 \$	22,871 811 41	4,012 217 1,711	1,329	24 30,824 996	9,495 629 9,961	76 532 532
2014	523 216,085,526 \$	29,501 956 46	4,505 264 1,850	1,333	24 29,340 968	13,217 514 11,156	62 774 774
$\frac{2013}{}$	938 207,181,573 \$	32,535 965 51	3,460 294 2,266	1,371	20 32,520 1,035	14,153 615 11,709	61 1,131 1,131
<u>2012</u>	556 \$ 82,536,619 \$	34,191 1,211 93	3,543 274 2,574	1,392	8 29,520 952	12,225 732 11,682	57 520 520
Program Category	Advance Clean Air Technology Contracts awarded Total Funding awarded	Ensure Compliance with Clean Air Rules Inspections Notices of Violations Hearing Board Orders for Abatement	Customer Service Public Information Requests Community/Public Meetings attended Small Business Assistance Contacts	Develop Programs to Achieve Clean Air Transportation Plans processed Emission Inventory Updates	Develop Rules to Achieve Clean Air Rules Developed Monitoring Air Quality Samples Analyzed by the Laboratory Source Testing Analyses/Evaluations/Reviews	Timely Review of Permits Applications Processed Applications Received-Small Business Applications Received-All Others	Policy Support News Releases Media Calls Media Inquiries Completed News Media Interactions*

*Tracking of News Media Interactions began in 2018. This will replace the tracking of media calls and media inquiries completed.

FINANCIAL POLICIES

South Coast AQMD is required to follow specific sections of the California Health & Safety Code, which guide South Coast AQMD's overall financial parameters. The Governing Board also provides financial direction to South Coast AQMD staff through the adoption of various financial-related policies. In addition, the Administrative Policies and Procedures offer further financial guidance. Below is an overview of the guidelines and procedures for the applicable financial-related policies.

California Health & Safety Code (CA H&SC)

• District Budget Adoption – CA H&SC §40130

The South Coast AQMD shall prepare and make available to the public at least 30 days prior to public hearing, a summary of its budget and any supporting documents, including, but not limited to, a schedule of fees to be imposed by the South Coast AQMD to fund its programs. The South Coast AQMD shall notify each person who was subject to fees imposed by the South Coast AQMD in the preceding year of the availability of information. The South Coast AQMD shall notice and hold a public hearing for the exclusive purpose of reviewing the budget and of providing the public with the opportunity to comment upon the proposed South Coast AQMD budget.

• Fee Schedule - CA H&SC §40510

The South Coast AQMD may adopt a fee schedule for the issuance of variances and permits to cover the reasonable cost of permitting, planning, enforcement and monitoring.

Fees Assessed on Stationary Sources – CA H&SC §40500.1

Fees assessed on stationary sources shall not exceed, for any fiscal year, the actual costs of District programs for the immediately preceding fiscal year with an adjustment not greater than the change in the California Consumer Price Index (CPI), for the preceding calendar year, from January 1 of the prior year to January 1 of the current year. Unless specifically authorized by statute, the total amount of all the fees collected from stationary sources of emissions in the 1995-96 fiscal year, and in each subsequent fiscal year, shall not exceed the level of expenditure in the 1993-94 fiscal year, except that the total fee amount may be adjusted annually by not more than the percentage increase in the California CPI. Any new state or federal mandate that is applicable to the South Coast AQMD on and after January 1, 1994 shall not be subject to this section.

• Limitation on Increase in Permit Fees – CA H&SC §40510.5

Existing permit fees shall not increase by a percentage greater than any percentage increase in the California CPI for the preceding calendar year, unless the Governing Board

makes a finding, based upon relevant information in a rulemaking record, that the fee increase is necessary and will result in an apportionment of fees that is equitable. Any fee increase above CPI shall be phased in over a period of at least two years.

South Coast AQMD Governing Board Policy

Administrative Code

The Administrative Code of Rules and Procedures prescribes the responsibilities, conduct and specified reimbursements of employees and South Coast AQMD Board members. Sections include, but are not limited to, mileage reimbursement, travel expenses, tuition reimbursement, professional licenses and memberships, and bilingual pay.

Annual Investment Policy

The Annual Investment Policy sets forth the investment guidelines for all general, special revenue, trust, agency and enterprise funds of the South Coast AQMD. The purpose of this policy is to ensure that South Coast AQMD's funds are prudently invested to preserve principal and provide necessary liquidity, while earning a market average rate of return. The South Coast AQMD Annual Investment Policy conforms to the California Government Code as well as customary standards of prudent investment management.

The objectives of the policy, in priority order, are Safety of Principal, Liquidity, and Market Rate of Return. The policy establishes and defines investable funds, authorized instruments, credit quality requirements, maximum maturities and concentrations, collateral requirements, and qualifications of brokers, dealers, and financial institutions doing business with or on behalf of the South Coast AQMD.

The policy provides the Governing Board, the Treasurer, the Chief Financial Officer, and the Investment Oversight Committee with set duties and responsibilities to execute the policy.

• Budget Advisory Committee

Established by the South Coast AQMD Governing Board, the Budget Advisory Committee serves in an advisory capacity to the South Coast AQMD on budgeting and financial planning matters. The committee made up of members from the business and environmental communities, provides additional insight during the annual budget process by reviewing and commenting on the proposed budget. The Budget Advisory Committee's comments are required to be provided to the Governing Board by April 15th of each year pursuant to South Coast AQMD Rule 320.

• Fund Balance Use

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.

Procurement Policy and Procedure

The Procurement Policy and Procedure provides the guidelines for the contracting and/or purchasing of services, material, equipment, supplies and fixed assets (i.e. capital outlays) by the South Coast AQMD under the direction of the Procurement Manager. These guidelines include, but are not limited to, purchasing methods, bidding procedures, signature authorization levels, fixed asset acquisition and disposition, and publication requirements for advertised procurements.

Procedures are in place 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 that South Coast AQMD utilizes, when necessary, the most highly qualified outside consultants/contractors to carry out the organization's responsibilities.

• Rule 320 - Automatic Fee Adjustment

Rule 320 provides that all Regulation III fees, with specified exceptions, are automatically adjusted July 1st of each year by the California Consumer Price Index for the preceding calendar year unless the Governing Board decides not to implement a fee adjustment, or to implement a different adjustment for a given year, either for all fees or for a specified fee or fees. The Executive Officer is directed to prepare annually a socioeconomic impact of the effect of the fee adjustments for review by stakeholders and the Governing Board; also to hold a public hearing on the automatic fee adjustments to receive any public comments. Public comments and any responses, along with recommendations by the Budget Advisory Committee, are to be forwarded to the Governing Board by April 15 of each year.

• Treasury Operations Contingency Plan and Procedures

The Treasury Operations Contingency Plan and Procedures states the course of action that may be implemented by the South Coast AQMD to protect the safety and liquidity of the South Coast AQMD funds and to protects South Coast AQMD from disruptions to ongoing operations if: 1) the financial stability of Los Angeles County may jeopardize South Coast AQMD funds invested through the Los Angeles County Treasurer; and/or 2) the Los

Angeles County Treasurer, as Treasurer of South Coast AQMD, can no longer provide the treasury services currently provided in a satisfactory manner.

Under authority granted by Resolution 97-32, the Executive Officer can appoint either the Chief Financial Officer or Controller as Acting Treasurer to immediately begin implementing the defined procedures to safeguard South Coast AQMD funds.

Unreserved Fund Balance Policy

The Unreserved Fund Balance Policy, originally adopted by the Board in June 2005 and adjusted in June 2014, states that the Unreserved Fund Balance in the General Fund should be maintained at a minimum of 20% of revenues. GFOA Recommended Best Practices prescribe a minimum 17% reserve amount plus an additional amount based on the organization's reliance on revenue over which it has no control. The 20% reserve amount is derived from the minimum 17% plus an additional 3% to account for South Coast AQMD's reliance on state subvention (\$4M), U.S. EPA Section 103/105 grants (\$5M), and one-time penalties and settlements (\$5M).

Executive Officer Administrative Policies and Procedures

Contracting for Consulting and Professional Services

Contracting for Consulting and Professional Services policy provides guidance in contracting for consulting and professional services in both a competitive and sole source environment as addressed in Section VIII of the South Coast AQMD Procurement Policy and Procedure document.

Fixed Assets and Controlled Items

The Fixed Assets and Controlled Items policy provides guidance on the receipt, transfer, inventory, accountability, and disposal of fixed assets and controlled items.

Purchasing of Non-Consultant Services and Supplies

The Purchasing of Non-Consultant Services and Supplies policy provides guidance in implementing the purchase of non-consultant services and supplies as addressed in Section IV of the South Coast AQMD Procurement Policy and Procedure document.

Travel

The Travel Policy provides guidance on allowable travel expenses, travel advances, and documentation requirements.

Work Program- Cost Allocation Procedure

The Work Program allocates resources by Office, nine Work Program Categories, and Project which are tied to South Coast AQMD's Goal and Priority Objectives. Cost/Overhead Components of any given work program line can include:

- Salaries and Benefits based on regular and overtime hours charged directly to a specific work program code.
- Services and Supplies and Capital Outlays charged directly to a specific work program code.
- Division specific overhead (charges not attributable to a specific work program code such as benefits and absence time) are allocated to each direct expense work program line within that Division based on Full Time Equivalents (FTEs).
- District General Overhead expenditures associated with the overall operation (such as utilities, insurance, security, interest, etc.) are allocated to all direct program lines based on FTEs.
- Allocatable Division Overhead allocates work program lines within each Division that are Division-specific Administrative, Office, or Management related based on the Division's FTEs.
- District-wide Overhead Allocation spreads work program lines from Divisions that support the entire District (Executive Office, Finance, Legal, etc.) or work program lines without specific revenue streams (Legislative and Public Affairs/Media Office, Public Records Act, Advisory Groups, etc.) based on FTEs.

BUDGET GLOSSARY

A unique identification number and title for expenditures and revenues; Account used for budgeting and recording expenditures and revenues. Administrative Fee A fee charged to a program or project to recover the administrative costs to manage the program or project. **Adopted Budget** The annual budget for the General Fund that has been approved by South Coast AQMD's Governing Board. Amended Budget The adopted budget plus any modifications approved by South Coast AQMD's Governing Board during the fiscal year. A specific amount of money authorized by South Coast AQMD's Governing **Appropriation** Board which permits the South Coast AQMD to incur obligations and to make expenditures of resources. **Assigned Fund** The portion of the fund balance that has been allocated by South Coast Balance AQMD's Governing Board for a specific purpose. **Budget Advisory** A committee made up of representatives from the business and Committee environmental communities who review and provide feedback on South Coast AQMD's financial performance and proposed budget. **Budgetary Basis of** A form of accounting used in the budget where encumbered amounts are Accounting recognized as expenditures. **Balanced Budget** A budget in which planned expenditures do not exceed planned revenues. Tangible asset with an initial individual cost of \$5,000 or more and a useful **Capital Asset** life of at least one year or intangible assets with an individual cost of \$5,000 or more and a useful life of at least one year. **Capital Outlays** Expenditures for capital assets; A Major Object, or classification of expenditures, within South Coast AQMD's budget. **Committed Fund** The portion of the fund balance that includes amounts that can be used Balance only for specific purposes as determined by the South Coast AQMD Governing Board. **Cost Allocation** A process of accounting and recording the full costs of a program or

activity by including its share of indirect or overhead costs in addition to its

Cost Allocation (cont)

direct costs.

CPI-Based Fee

Increase

Increases to fees (emission, annual operating, permit processing, Hot Spots, area sources, transportation, source test/analysis, and Hearing Board) based on the change in the Consumer Price Index for the preceding calendar year as reported for California Department of Finance—All Urban Consumer Series. This is in accordance with the California Health and Safety Code §40510.5.

Debt Service

The cost to cover the repayment of interest and principal on a debt for a particular period of time.

Debt Structure

The make-up of long-term debt. South Coast AQMD's long-term debt has been taken on to fund building and pension obligations.

Designation

A portion of the Fund Balance that has been assigned for specific purposes by actions of South Coast AQMD's Governing Board.

Encumbrance

An amount of money committed for the payment of goods and services that have not yet been received or paid for.

Expenditures

Charges incurred for goods and services.

Fee Schedule

The State Legislature has authorized air districts to levy fees to support industry related programs which improve air quality. The schedule of fees levied by South Coast AQMD is approved by South Coast AQMD's Governing Board as part of the annual budget process. (Also see Regulation III.)

Fiscal Year

A period of 12 consecutive months selected to be the budget year. South Coast AQMD's fiscal year runs from July 1 to June 30.

FTE

Full Time Equivalent; A measure of the level of staffing. One FTE equates to 2,080 hours of paid time within a 12-month period.

Fund Balance

The accumulation of revenues less expenditures within a fund for a specific year. South Coast AQMD's fund balance is broken out into Reserves (non-spendable and committed) and Unreserved Designations. Unreserved Designations is further broken out into Assigned and Unassigned Fund

Fund Balance Balance. This terminology is in accordance with GASB 54. (cont.) **GASB 54** A standard issued by the Government Accounting Standards Board (GASB) to guide fund balance reporting. The primary operating fund for South Coast AQMD where expenditures **General Fund** and revenues associated with the daily operations of South Coast AQMD are accounted for. Grant A sum of money given by an organization for a particular purpose. The grants which provide funding to South Coast AQMD's General Fund are primarily received from the U. S. Environmental Protection Agency (EPA), the Department of Homeland Security (DHS), and the California Air Resource Board (CARB). Inventory Value at cost of office, computer, cleaning and laboratory supplies at yearend. **Major Object** South Coast AQMD has four expenditure classifications: Salaries and Employee Benefits, Services and Supplies, Capital Outlays, and Building Remodeling. Transfers between Major Objects must be approved by the South Coast AQMD Governing Board.

Mobile Source Revenues Revenues received from motor vehicle registrations and from the administration of motor vehicle programs aimed at reducing air pollution from motor vehicles.

Nonspendable Fund Balance Amounts in the fund balance that are not in a spendable form. In South Coast AQMD's General Fund, inventory makes up the nonspendable balance.

Pension Obligation Bonds (POBs)

A method of financing used by South Coast AQMD to refinance its obligations to its employees' pension fund.

Proposed Budget

The annual budget that has been developed by South Coast AQMD and made available to the public for review before being presented to the South Coast AQMD Governing Board for approval.

Regulation III

The rule that establishes the fee rates and schedules associated with permitting, annual renewals, emissions and other activities that help fund

Regulations III (cont.)

most of South Coast AQMD's regulatory programs and services. (Also see Fee Schedule.)

Reserves

Funding within the Fund Balance that is set aside for a specific future use and not available for any other purpose. It consists of both nonspendable amounts (inventory of supplies) and committed amounts (encumbrances).

Revenue

Monies the South Coast AQMD receives as income. South Coast AQMD's revenue is mainly from fees charged to control or regulate emissions.

SBCERA

San Bernardino County Employment Retirement System manages the retirement plan for South Coast AQMD employees.

Salaries and Employee Benefits Expenditures for Salary expenses, employee benefits, retirement and insurance benefits. It is a Major Object, or classification of expenditures, within South Coast AQMD's budget.

Services and Supplies

Expenditures for items and services needed for the daily operations of the South Coast AQMD including professional services, utilities, office expenses, maintenance, and debt service. It is a Major Object, or classification of expenditures, within South Coast AQMD's budget.

Special Revenue Fund

A fund used to account for revenues and expenditures from specific sources earmarked for specific purposes. South Coast AQMD's main fund is its General Fund. All other funds are designated as Special Revenue Funds. The South Coast AQMD does not adopt a budget for Special Revenue Funds. Board action is required for all expenditures.

State Subvention

The state of California provides assistance to air districts for on-going operations to perform mandated functions such as compliance and enforcement, planning, and rule development.

Stationary Source Fees Revenues collected from emission fees, permit fees, and annual operating fees to support activities for improving air quality.

Transfer In/Out

A transfer between different funds within South Coast AQMD's accounting system. For example, a transfer of cash from the General Fund to a Special Revenue Fund would be a Transfer Out for the General Fund and a Transfer In for the Special Revenue Fund.

Unassigned Fund Balance

The residual fund balance of the General Fund. It is not designated for a specific purpose and can only be used upon approval of South Coast AQMD's Governing Board.

Unreserved Designations

The portion of the Fund Balance that has not been committed by South Coast AQMD's Governing Board or is nonspendable due to specific Board constraints. It is further broken down into either amounts assigned by the Governing Board for specific purposes or an unassigned amount that can only be used upon approval of the Governing Board.

Work Programs

Activities carried out by South Coast AQMD staff. Work Programs are classified into nine Work Program Categories according to the nature of the activity being performed.



Good AQI: 0-50	Air quality is Good. Outdoor activity is advised for everyone.
Moderate AQI: 51-100	Air quality is acceptable; however, there could be a moderate health concern for people with severe respiratory reactions to smog.
Unhealthy for Sensitive Groups AQI: 101-150	Children and adults over the age of 65, or people with respiratory issues such as asthma may experience health effects and should minimize outdoor activities.
Unhealthy AQI: 151-200	The public may begin to experience health effects and should minimize outdoor activities. Children and adults over the age of 65, or people with respiratory issues such as asthma may experience more serious health effects and should avoid outdoor activities.
Very Unhealthy AQI: 201-300	Everyone may experience health effects. Children and adults over the age of 65, or people with respiratory issues should avoid all outdoor physical activity. Everyone else should avoid prolonged or heavy outdoor activity.
Hazardous AQI: 300+	Emergency health warning triggered. The entire population is more likely to be affected.

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South Coast Air Quality Management District

21865 Copley Drive Diamond Bar, CA 91765-4178

www.aqmd.gov

ATTACHMENT C

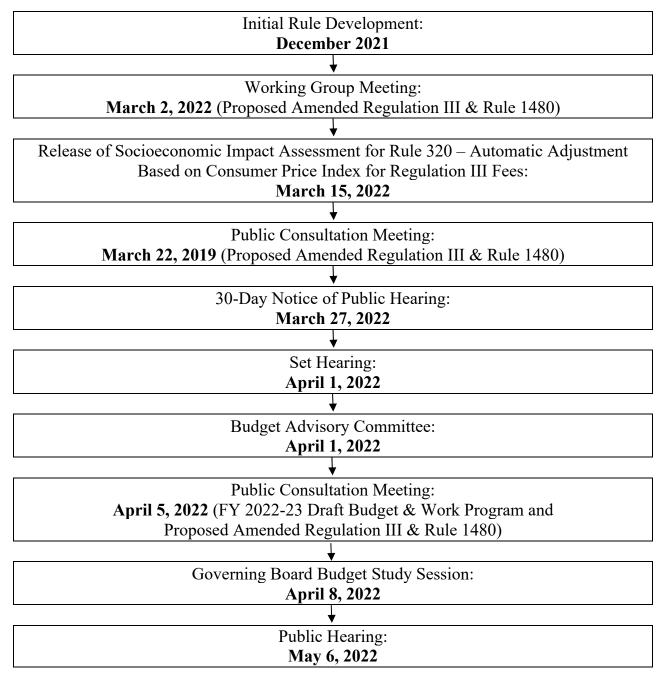
KEY ISSUES AND RESPONSES

Proposed Amended Regulation III – Fees &
Proposed Amended Rule 1480 – Ambient Monitoring and Sampling of Metal
Toxic Air Contaminants

Through the rulemaking process, staff worked with stakeholders to resolve issues and is not aware of any remaining key issues.

ATTACHMENT D

RULE DEVELOPMENT PROCESS Proposed Amended Regulation III & Rule 1480



Five (5) months spent in rule development

One (1) Working Group Meeting and (2) Public Consultation Meetings

One (1) Budget Advisory Committee Meeting

One (1) Governing Board Budget Study Session

ATTACHMENT E

KEY CONTACTS LIST

Michael Carroll Regulatory Flexibility Group

Curtis Coleman Southern California Air Quality Alliance

Ramine Cromartie Western States Petroleum Association

Fernando Gaytan Earthjustice

Bill LaMarr California Small Business Alliance

Bill Quinn California Council for Environmental and Economic Balance

Patty Senecal Western States Petroleum Association

Yasmine Stutz Ramboll

Scott Weaver Ramboll

Janet Whittick California Council for Environmental and Economic Balance

ATTACHMENT F

RESOLUTION NO. 22-

A Resolution of the Governing Board of the South Coast Air Quality Management District (South Coast AQMD) determining that Proposed Amended Regulation III – Fees, which includes Proposed Amended Rule 301 – Permitting and Associated Fees, Proposed Amended Rule 303 – Hearing Board Fees, Proposed Amended Rule 304 – Equipment, Materials and Ambient Air Analyses, Proposed Amended Rule 304.1 – Analyses Fees, Proposed Amended Rule 306 – Plan Fees, Proposed Amended Rule 307.1 – Alternative Fees for Air Toxics Emissions Inventory, Proposed Amended Rule 308 - On-Road Motor Vehicle Mitigation Options Fees, Proposed Amended Rule 309 - Fees for Regulation XVI and Regulation XXV, Proposed Amended Rule 311 – Air Quality Investment Program (AQIP) Fees, Proposed Amended Rule 313 - Authority to Adjust Fees and Due Dates, Proposed Amended Rule 314 – Fees for Architectural Coatings, and Proposed Amended Rule 315 – Fees for Training Classes and License Renewal; and Proposed Amended Rule 1480 - Ambient Monitoring and Sampling of Metal Toxic Air Contaminants, are exempt from the requirements of the California Environmental Quality Act (CEQA).

A Resolution of the South Coast AQMD Governing Board amending Regulation III – Fees, which includes Rule 301 – Permitting and Associated Fees, Rule 303 – Hearing Board Fees, Rule 304 – Equipment, Materials and Ambient Air Analyses, Rule 304.1 – Analyses Fees, Rule 306 – Plan Fees, Rule 307.1 – Alternative Fees for Air Toxics Emissions Inventory, Rule 308 – On-Road Motor Vehicle Mitigation Options Fees, Rule 309 – Fees for Regulation XVI and Regulation XXV, Rule 311 – Air Quality Investment Program (AQIP) Fees, Rule 313 – Authority to Adjust Fees and Due Dates, Rule 314 – Fees for Architectural Coatings, and Rule 315 – Fees for Training Classes and License Renewal; and amending Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants.

WHEREAS, the South Coast AQMD Governing Board finds and determines that Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, are considered a "project" as defined by CEQA; and

WHEREAS, the South Coast AQMD has had its regulatory program certified pursuant to Public Resources Code Section 21080.5 and CEQA Guidelines Section 15251(l) and has conducted a CEQA review and analysis of the proposed project pursuant to such program (South Coast AQMD Rule 110); and

WHEREAS, the South Coast AQMD Governing Board finds and determines after conducting a review of the proposed project in accordance with CEQA Guidelines Section 15002(k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA, and CEQA Guidelines Section 15061 – Review for Exemption, procedures for determining if a project is exempt from CEQA, that Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, 315, and Proposed Amended Rule 1480 are exempt from CEQA; and

WHEREAS, the South Coast AQMD Governing Board finds and determines that the proposed amendments to Regulation III, which include Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and which involve proposed new and increased fees, are charges by public agencies for the purpose of meeting operating expenses and financial reserve needs and thus, are statutorily exempt from CEQA pursuant to CEQA Guidelines Section 15273 – Rates, Tolls, Fares, and Charges; and

WHEREAS, the South Coast AQMD Governing Board finds and determines that proposed amendments to Regulation III, which include Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, and which have no fee impact and are strictly administrative in nature such that it can be seen with certainty that their implementation would not cause a significant adverse effect on the environment are, therefore, exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption; and

WHEREAS, the South Coast AQMD staff has prepared a Notice of Exemption for Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, that is completed in compliance with CEQA Guidelines Section 15062 – Notice of Exemption; and

WHEREAS, Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, including the Notice of Exemption, Final Staff Report, and other supporting documentation, were presented to the South Coast AQMD Governing Board and the South Coast AQMD Governing Board has reviewed and considered this information, as well as has taken and considered staff testimony and public comment prior to approving the project; and

WHEREAS, the Executive Officer of the South Coast AQMD has provided the South Coast AQMD Administrative Committee with a report on: 1) the revenues generated by the re-structured toxic air contaminant (TAC) fee; 2) the annual

costs of toxics work covered by the re-structured fee; and 3) the South Coast AQMD's efforts to obtain funding for toxics work within one year of full implementation of the restructured toxics fee found in Rule 301(e); and

WHEREAS, the Executive Officer of the South Coast AQMD has, by January 1, 2022, conducted the first triennial fee reassessment of Rule 1180 Community Air Monitoring Annual Operation and Maintenance Fees pursuant to Rule 301(aa)(4) and the Health and Safety Code Sections 42705.6(f)(1) and (f)(2); and

WHEREAS, the South Coast AQMD Governing Board finds and determines, taking into consideration the factors in Section (d)(4)(D) of the Governing Board Procedures (codified as Section 30.5(4)(D)(i) of the Administrative Code), that there were no modifications to Proposed Amended Regulation III, which include Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, since the Notice of Public Hearing was published; and

WHEREAS, Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, 315, and Proposed Amended Rule 1480, are not control measures in the 2016 Air Quality Management Plan (AQMP) and were not ranked by cost-effectiveness relative to other AQMP control measures in the 2016 AQMP; and

WHEREAS, Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, will not be submitted for inclusion into the State Implementation Plan; and

WHEREAS, Health and Safety Code Section 40727 requires that prior to adopting, amending, or repealing a rule or regulation, the South Coast AQMD Governing Board shall make findings of necessity, authority, clarity, consistency, non-duplication, and reference based on relevant information presented at the public hearing and in the Final Staff Report; and

WHEREAS, the South Coast AQMD Governing Board has determined that in order to add rule clarity and to recover reasonable and actual costs incurred by South Coast AQMD in meeting requirements of recently adopted rules and state mandates and implementing necessary clean air programs, a need exists to amend Regulation III,

including Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315 and Rule 1480 to fund the Proposed Budget in Fiscal Year 2022-2023 and thereafter; and

WHEREAS, the South Coast AQMD Governing has determined that it is necessary to amend Rule 1480 to transfer two fees to Rules 301 and 306 for purposes of consistency; and

WHEREAS, the South Coast AQMD Governing Board has determined that the Socioeconomic Impact Assessment of the CPI-based Fee Increase and the Socioeconomic Impact Assessment for Proposed Amended Regulation III, which includes Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, the latter of which is found in the Final Staff Report, are consistent with the March 17, 1989 Governing Board Socioeconomic Resolution for rule adoption and the October 29, 2010 Governing Board Resolution pertaining to Rule 320 – Automatic Adjustment Based on Consumer Price Index (CPI) for Regulation III – Fees; and

WHEREAS, the South Coast AQMD Governing Board has determined that the Socioeconomic Impact Assessments are consistent with the provisions of Health and Safety Code Section 40440.8, even though such assessments are not statutorily required in these circumstances; and

WHEREAS, the South Coast AQMD Governing Board has determined Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, 315 will result in increased costs to the affected industries, yet are considered to be reasonable, with a total annualized cost as specified in the Socioeconomic Impact Assessments; and

WHEREAS, the South Coast AQMD Governing Board has actively considered the Socioeconomic Impact Assessments and has made a good faith effort to minimize such impacts; and

WHEREAS, Health and Safety Code Section 40510.5(a) requires the South Coast AQMD Governing Board to find that an increased fee will result in an equitable apportionment of fees when increasing fees beyond the Consumer Price Index (CPI). Based on relevant information presented at the public hearing and in the staff report, the proposed new fees and proposed increases in fee rates beyond the CPI in Proposed Amended Rules 301 and 306 are found to be equitably apportioned because such fees are necessary to better align program costs and revenues, are based on the reasonable costs to South Coast AQMD, and are reasonably related to the benefits received and burdens imposed by the fee payors; and

WHEREAS, the South Coast AQMD Governing Board obtains its authority to adopt, amend, or repeal rules and regulations from Health and Safety Code Sections 40000, 40001, 40440, 40500, 40500.1, 40502, 40506, 40510, 40510.5, 40511, 40522, 40522.5, 40523, 40701.5, 40702, 41512, 42705.6, and 44380, and 40 CFR Part 63 Subpart UUU; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, are written or displayed so that their meaning can be easily understood by the persons directly affected by them; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, are in harmony with, and not in conflict with or contradictory to, existing statutes, court decisions, or state or federal regulations; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, do not impose the same requirements as any existing state or federal regulation and are necessary and proper to execute the power and duties granted to, and imposed upon, the South Coast AQMD; and

WHEREAS, the South Coast AQMD Governing Board, in amending Regulation III, which includes amending Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and amending Rule 1480, references the following statutes which the South Coast AQMD hereby implements, interprets, or makes specific: Health and Safety Code Sections 40500, 40500.1, 40502, 40506, 40510, 40510.5, 40511, 40522, 40522.5, 40523, 41512, 42705.6, and 44380, and 40 CFR Part 63 Subpart UUU; and

WHEREAS, a public hearing has been properly noticed in accordance with all provisions of Health and Safety Code Section 40725; and

WHEREAS, the South Coast AQMD Governing Board has held a public hearing in accordance with all applicable provisions of state and federal law; and

WHEREAS, the South Coast AQMD Governing Board has determined that Health and Safety Code Section 40920.6 is not applicable to Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rules 301, 303, since neither Proposed Amended Regulation III, including Proposed Amended Rules 301, 303, 304,

304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, nor Proposed Amended Rule 1480 regulate air contaminants or implement Best Available Retrofit Control Technology requirements; and

WHEREAS, the South Coast AQMD Governing Board specifies the Planning and Rules Manager overseeing the rule development for Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, as the custodian of the documents or other materials which constitute the record of proceedings upon which the adoption of this proposed project is based, which are located at the South Coast AQMD, 21865 Copley Drive, Diamond Bar, California; and

NOW, THEREFORE BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board does hereby determine, pursuant to the authority granted by law, that Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, is statutorily exempt from CEQA pursuant to CEQA Guidelines Section 15273 — Rates, Tolls, Fares, and Charges. The South Coast AQMD Governing Board does also hereby determine, pursuant to the authority granted by law, that Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480, are exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) — Common Sense Exemption. This information was presented to the South Coast AQMD Governing Board, whose members exercised their independent judgment and reviewed, considered, and approved the information therein prior to acting on Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, and Proposed Amended Rule 1480; and

BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board finds that Proposed Amended Regulation III, which includes Proposed Amended Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315, establishes fees charged for the purposes of meeting operating expenses, which are necessary to recover reasonable and actual costs incurred by South Coast AQMD in meeting requirements of recently adopted rules and state mandates and implementing necessary clean air programs; and the South Coast AQMD Governing Board hereby incorporates by reference the proposed Fiscal Year 2022-2023 Budget and Fiscal Year 2023-2024 budget forecast as setting forth the bases for these findings; and

BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board has directed staff to set a three-year phase-in for the proposed increase in Rule 1180 Community Air Monitoring Annual Operation and Maintenance fees, as set forth in Rule 301; and

BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board finds, based on the evidence in the rule-making record, that the increases in fees that exceed the CPI for Fiscal Year 2022-2023 and thereafter are necessary to recover reasonable and actual costs incurred by South Coast AQMD in meeting requirements of recently adopted rules and state mandates and implementing necessary clean air programs and are equitably apportioned; and the Governing Board hereby incorporates by reference the explanation in the accompanying staff report, Section II, as setting forth the bases for these findings; and

BE IT FURTHER RESOLVED, that following the completion of the Calendar Year 2023 Annual Emissions Reports and no later than June 30, 2025, the Executive Officer is directed to reassess: 1) the revenues generated by the re-structured toxic fee found in Rule 301(e); 2) the annual costs of toxics work covered by the restructured fee; and 3) the South Coast AQMD's efforts to obtain funding for toxics work covered by this fee from other sources; and

BE IT FURTHER RESOLVED, that no later than June 30, 2027, the Executive Officer is directed to evaluate the feasibility and any potential benefits of aligning the timing of reassessment for Rule 1180 Community Air Monitoring Annual Operation and Maintenance fees, pursuant to Rule 301(aa)(4), and the timing of reassessment for Rule 1180 Community Air Monitoring Network coverage and equipment adequacy, pursuant to Rule 1180(j)(6); and

BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board does hereby amend, pursuant to the authority granted by law, Regulation III, including Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, 315 and Rule 1480, as set forth in the attached, and incorporated herein by reference.

DATE:	
	CLERK OF THE BOARDS

ATTACHMENTS G1-G13

PROPOSED AMENDED REGULATION III – FEES & PROPOSED AMENDED RULE 1480 – AMBIENT MONITORING AND SAMPLING OF METAL TOXIC AIR CONTAMINANTS

Attach- ment	Rule	СРІ	Proposed Amendments with Fee Impacts	Proposed Amendments with No Fee Impacts and/or Administrative Changes
G1	Proposed Amended Rule 301 – Permitting And Associated Fees	√	✓	✓
G2	Proposed Amended Rule 303 – Hearing Board Fees	✓		
G3	Proposed Amended Rule 304 – Equipment, Materials, and Ambient Air Analyses	✓		
G4	Proposed Amended Rule 304.1 _			
G5	Proposed Amended Rule 306 Plan		✓	✓
G6	Proposed Amended Rule 307.1 –			
G7	Proposed Amended Rule 308 – On-			
G8	Proposed Amended Rule 309 – Fees			
G9	Proposed Amended Rule 311 - Air Quality Investment Program (AQIP) Fees	√		
G10 Proposed Amended Rule 313 - Authority to Adjust Fees and Due Dates		✓		
G11 Proposed Amended Rule 314 – Fees for Architectural Coatings		✓		
G12 Proposed Amended Rule 315 - Fees for Training Classes and License Renewal		✓		
G13	Proposed Amended Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants			✓

ATTACHMENT G1

(Adopted 2/4/1977)(Amended 5/271977)(Amended 1/6/1978)(Amended 6/16/1978)(Amended 4/4/1980)
(Amended 9/5/1980)(Amended 6/5/1981)(Amended 7/9/1982)(Amended 12/3/1982)(Amended 6/3/1983)
(Amended 5/4/1984)(Amended 7/6/1984)(Amended 11/2/1984)(Amended 12/6/1985)(Amended 5/1/1987)
(Amended 6/3/1988)(Amended 12/2/1988)(Amended 1/6/1989)(Amended 6/2/1989)(Amended 6/1/1990)
(Amended 6/7/1991)(Amended 12/6/1991)(Amended 6/5/1992)(Amended 7/10/1992)(Amended 6/11/1993)
(Amended 10/8/1993)(Amended 6/10/1994)(Amended 5/12/1995)(Amended 10/13/1995)(Amended 5/10/1996)
(Amended 5/9/1997)(Amended 5/8/1998)(Amended 6/12/1998)(Amended 5/14/1999)(Amended 5/19/2000)
(Amended 5/11/2001)(Amended 5/3/2002)(Amended 6/6/2003)(Amended 7/9/2004)(Amended 6/3/2005)
(Amended 6/9/2006)(Amended 5/4/2007)(Amended 5/2/2008)(Amended 6/5/2009)(Amended 5/1/2015)
(Amended 5/6/2011)(Updated 7/1/2012)(Updated 7/1/2013)(Amended 6/6/2014)(Amended 3/1/2019)
(Amended 5/3/2019)(Amended 6/7/2019)(Amended 7/12/2019)(Updated 7/1/2020)(Updated 7/1/2021)
(Amended 5/3/2019)(Amended 6/7/2019)(Amended 7/12/2019)(Updated 7/1/2020)(Updated 7/1/2021)

Proposed Effective Date July 1, 20212022

PROPOSED AMENDED RULE 301. PERMITTING AND ASSOCIATED FEES

- (a) Applicability
 - California Health and Safety Code Section 40510 provides authority for the South Coast Air Quality Management District to adopt a fee schedule for the issuance of permits to cover the cost of evaluation, planning, inspection, and monitoring related to that activity. This rule establishes such a fee schedule and requires that fees be paid for:
 - (1) Permit processing for Facility Permits [see subdivisions (l), (m), and (n)], Facility Registrations [see subdivision (t)], and Permits to Construct and/or Permits to Operate equipment (submitted pursuant to Regulation II) that may cause air pollution or equipment intended to control air pollution [see subdivision (c)].
 - (2) Processing of applications for banking emission reduction credits; change of title of emissions reduction credits; alteration/modification of emission reduction credits; retirement of short term emission reduction credits for transfer into Rule 2202; and the transfer of ERCs out of Rule 2202 pursuant to Rule 2202 (h)(4); or conversion of emissions reduction credits, mobile source credits, or area source credits to short term emission reduction credits, pursuant to Regulation XIII [see paragraphs (c)(4) and (c)(5)].
 - (3) Annual operating permit renewal fee [see subdivision (d)].
 - (4) Annual operating permit emissions fee [see subdivision (e)] or Regional Clean Air Incentives Market (RECLAIM) Trading Credits (RTCs) [see subdivision (l)].
 - (5) Duplicate and reissued permits [see subdivision (f)].
 - (6) Reinstating expired applications or permits [see subdivision (g)].
 - (7) Reinstating revoked permits [see subdivision (h)].

- (8) RECLAIM Transaction Registration Fee [see subdivision (1)].
- (9) Non-Tradeable Allocation Credit Mitigation Fee [see subdivision (1)].
- (10) Environmental Impact Analysis, Air Quality Analysis, Health Risk Assessment, Public Notification for Projects and Emission Reduction Credits (pursuant to Regulation XIII New Source Review) [see paragraph (c)(4) and subdivision (j) of this rule].
- (11) Asbestos demolition and renovation activities [see subdivision (o)].
- (12) Lead abatement activities [see subdivision (p)].
- (13) Evaluation of permit applications submitted for compliance under a National Emission Standard for Hazardous Air Pollutants (NESHAP) [see subdivision (q)].
- (14) Certification of Clean Air Solvents [see subdivision (r)].

(b) Definitions

For the purpose of this rule, the following definitions shall apply:

- (1) ALTERATION or MODIFICATION means any physical change, change in method of operation of, or addition to, existing equipment requiring an application for Permit to Construct pursuant to Rule 201. Routine maintenance and/or repair shall not be considered a physical change. A change in the method of operation of equipment, unless previously limited by an enforceable permit condition, shall not include:
 - (A) An increase in the production rate, unless such increase will cause the maximum design capacity of the equipment to be exceeded; or
 - (B) An increase in the hours of operation.
- (2) ALTERNATIVE OPERATING CONDITION is an order established by the Hearing Board pursuant to subdivision (e) of this rule which, if recognized by the United States Environmental Protection Agency, authorizes a source to be operated in a specified manner that would otherwise not comply with an applicable requirement of the State Implementation Plan or a permit term or condition based on any such applicable requirement.
- (3) BANKING means the process of recognizing and certifying emission reductions and registering transactions involving emission reduction credits.
- (4) CANCELLATION is an administrative action taken by the District which nullifies or voids a previously pending application for a permit.

- (5) CERTIFIED EQUIPMENT PERMIT means a permit issued to a manufacturer or distributor for a specific model or series of models of equipment. By this permit, the District certifies that the equipment meets all District rules and Best Available Control Technology (BACT) requirements under a set of conditions. Eligibility for the certification process shall be limited to equipment for which the following conditions exist, as determined by the Executive Officer:
 - (A) Equipment operation and emission characteristics will be applicable to a number of identical pieces of equipment;
 - (B) Permitting can be accomplished through the use of identical permit conditions for each piece of equipment regardless of use or location;
 - (C) The equipment is exempt from emission offsets as defined in Rule 1304(a)(4) or Rule 1304(a)(5); or the emissions of each criteria pollutant, except lead, are determined to be less than the limits listed in Rule 1303, Appendix A, Table A-1; and
 - (D) The equipment does not emit lead or the toxic emissions do not result in a Maximum Individual Cancer Risk (MICR) equal to or greater than one in a million as calculated according to Rule 1401.

Certified Equipment Permit shall be valid for one year, and shall be renewed annually if the Executive Officer determines the equipment meets all District rules and BACT requirements. Certification shall not relieve the person constructing, installing or operating the equipment from the requirement to obtain all necessary permits to construct and permits to operate, or from compliance with any other District rule including the requirements of Regulation XIII.

- (6) CHANGE OF CONDITION means a change of a current permit condition that will not result in an emission increase. Any request for a Change in Condition to a previously enforceable permit condition that will result in a emission increase subject to the New Source Review Rules in Regulation XIII, XIV, or XX will be considered a change in the method of operation and processed as an Alteration or Modification.
- (7) CLEAN AIR SOLVENT is as defined in Rule 102 as "Clean Air Solvent".
- (8) CLEAN AIR SOLVENT CERTIFICATE is as defined in Rule 102 as "Clean Air Solvent Certificate".
- (9) CONFINED ANIMAL FACILITY (CAF) means a source or group of sources of air pollution at an agricultural source for the raising of 3,360 or more fowl or 50 or more animals, including but not limited to, any structure,

building, installation, farm, corral, coop, feed storage area, milking parlor, or system for the collection, storage, or distribution of solid and liquid manure; if domesticated animals, including but not limited to, cattle, calves, horses, sheep, goats, swine, rabbits, chickens, turkeys, or ducks corralled, penned, or otherwise caused to remain in restricted areas for commercial agricultural purposes and feeding is by means other than grazing.

- (10) CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) is a system comprised of components that continuously measure all parameters necessary to determine pollutant concentration or pollutant mass emissions, pursuant to a District rule or regulation.
 - (A) For the purpose of this rule, a CEMS includes, but is not limited to, the following analyzers, monitors, components, systems, or equipment:
 - (i) Pollutant concentration analyzer(s) (e.g., NOx, SOx, CO, Total Sulfur) and associated sample collection, transport, and conditioning equipment, and data acquisition and logging systems,
 - (ii) Diluent gas analyzer (O₂ or CO₂),
 - (iii) Flow monitor (direct in-stack measurement or indirectly calculated from fuel usage or other process parameters approved by the Executive Officer), and
 - (iv) Other equipment (e.g., moisture monitor) as required to comply with monitoring requirements.
 - (B) For the purpose of this rule, a "time-shared CEMS" means a CEMS as described in paragraph (j)(5)which is common to several sources of emissions at the same facility.
 - (C) For the purpose of this rule, a "Fuel Sulfur Monitoring System" or "FSMS" may be used as an alternative to a CEMS SOx monitoring requirement, subject to District Rules and Regulations, and the approval of the Executive Officer. An FSMS is a total sulfur monitoring system configured similar to the CEMS described in paragraph (j)(5) but, as an alternative to directly monitoring SOx emissions at sources required to have SOx CEMS (at the same facility), SOx emission information at each affected source is determined "indirectly" by monitoring the sulfur content of the fuel gas supply firing the affected sources.

- (D) For the purpose of this rule, an "Alternative Continuous Emissions Monitoring System" or "ACEMS" (also known as a "Predictive or Parametric Emissions Monitoring System" or "PEMS") may be used as an alternative to a CEMS pollutant monitoring requirement, subject to District Rules and Regulations, and the approval of the Executive Officer. Instead of directly monitoring the pollutant emissions at a source required to have a CEMS as in paragraph (j)(5), emission information is "predicted" by the ACEMS or PEMS by monitoring key equipment operating parameters (e.g., temperature, pressure) at the affected source, irrespective of exhaust gas or fuel supply analysis.
- (11) EMISSION FACTOR means the amount of air contaminant emitted per unit of time or per unit of material handled, processed, produced, or burned.
- (12) EMISSION REDUCTION CREDIT (ERC) means the amount of emissions reduction which is verified and determined by the Executive Officer to be eligible for credit in an emissions reduction bank.
- (13) EMISSION SOURCE is any equipment or process subject to Rule 222. The source does not require a permit, but the owner/operator is required to file information pursuant to Rule 222 and Rule 301(t).
- (14) EQUIPMENT means any article, machine, or other contrivance, or combination thereof, which may cause the issuance or control the issuance of air contaminants, and which:
 - (A) Requires a permit pursuant to Rules 201 and/or 203; or
 - (B) Is in operation pursuant to the provisions of Rule 219
- (15) EXPIRATION means the end of the period of validity for an application, Permit to Operate, or a temporary Permit to Operate.
- (16) FACILITY means any source, equipment, or grouping of equipment or sources, or other air contaminant-emitting activities which are located on one or more contiguous properties within the District, in actual physical contact or separated solely by a public roadway or other public right-of-way, and are owned or operated by the same person (or persons under common control) or an outer continental shelf (OCS) source as defined in 40 CFR § 55.2. Such above-described groupings, if on noncontiguous properties but connected only by land carrying a pipeline, shall not be considered one facility. Equipment or installations involved in crude oil and gas production in Southern California coastal or OCS waters, and transport of such crude oil and gas in Southern California coastal or OCS

- waters, shall be included in the same facility which is under the same ownership or use entitlement as the crude oil and gas facility on-shore.
- (17) FACILITY PERMIT is a permit which consolidates existing equipment permits and all new equipment at a facility, into one permit. A facility permit may be issued pursuant to Regulation XX and/or XXX.
- (18) FACILITY REGISTRATION is a permit which consolidates existing equipment permits and all new equipment at a facility into one permit. A Facility Registration may be issued at District discretion to any facility not subject to Regulation XX or XXX.
- (19) GREENHOUSE GAS or "GHG" means carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), sulfur hexafluoride (SF₆), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs).
- (20) IDENTICAL EQUIPMENT means any equipment which is of the same make and model, and is to be operated by the same operator, and have the same equipment address, and have the same operating conditions and processing material to the extent that a single permit evaluation would be required for the set of equipment. Portable equipment, while not operating at the same location, may qualify as identical equipment.
- (21) NON-ROAD ENGINE is a portable engine that requires a permit and is certified by the Executive Officer to be a Non-Road Engine regulated by U.S. EPA pursuant to 40 CFR Part 89.
- (22) PREMISES means one parcel of land or contiguous parcels of land under the same ownership or entitlement to use, not including the parcels which are remotely located and connected only by land carrying a pipeline.
- (23) QUALIFYING PORTABLE ENGINE is a portable engine that requires a permit and is certified by the Executive Officer to meet all the requirements of Non-Road Engine of 40 CFR Part 89 except date of manufacture, and has been demonstrated to meet the emission limitations of 40 CFR Section 89.112-96.
- (24) RECLAIM TRADING CREDITS (RTCs) means the amount of emissions credit available to a facility for use at the facility for transfer or sale to another party. Each RTC has a denomination of one pound of RECLAIM pollutant and a term of one year, and can be issued as part of a facility's Annual Allocation or alternatively in the form of an RTC certificate.
- (25) REGISTRATION PERMIT means a permit to construct or permit to operate issued to an owner/operator of equipment which has previously been issued a Certified Equipment Permit by the District. The

- owner/operator shall agree to operate under the conditions specified in the Certified Equipment Permit.
- of land in the District and installation on another parcel of land where the two parcels are not in actual physical contact and are not separated solely by a public roadway or other public right-of-way. The removal of a permit unit from one location within a facility and installation at another location within the facility is a relocation only if an increase in maximum individual cancer risk in excess of one in one million (1.0 x 10-6) or a Hazard Index of 1.0 occurs at any receptor location.
- (27) REVOCATION is an action taken by the Hearing Board following a petition by the Executive Officer which invalidates a Permit to Construct or a Permit to Operate.
- (28) SMALL BUSINESS is as defined in Rule 102 as "Small Business."
- (29) SPECIFIC ORGANIC GASES are any of the following compounds:

trifluoromethane (HFC-23)

chlorodifluoromethane (HCFC-22)

dichlorotrifluoroethane (HCFC-123)

tetrafluoroethane (HFC-134a)

dichlorofluoroethane (HCFC-141b)

chlorodifluoroethane (HCFC-142b)

1,1,1-trifluoroethane (HFC-143a)

1,1-difluoroethane (HFC-152a)

cyclic, branched, or linear, completely fluorinated alkanes

cyclic, branched, or linear, completely fluorinated ethers with no unsaturations

cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations

sulfur-containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.

(30) SOURCE means any grouping of equipment or other air contaminant-emitting activities which are located on parcels of land within the District, in actual physical contact or separated solely by a public roadway or other public right-of-way, and are owned or operated by the same person or by persons under common control. Such above-described groupings, if remotely located and connected only by land carrying a pipeline, shall not be considered one stationary source. (Under RECLAIM, a SOURCE is any

- individual unit, piece of equipment or process which may emit an air contaminant and which is identified, or required to be identified, in the RECLAIM Facility Permit).
- (31) STREAMLINED STANDARD PERMIT means a permit issued for certain types of equipment or processes commonly permitted by SCAQMD with pre-set levels of controls and emissions. The operating conditions and other qualifying criteria are pre-determined by the SCAQMD and provided to the permit applicant in the permit application package for concurrence.
- (32) STATEWIDE EQUIPMENT is equipment with a valid registration certificate issued by CARB for the Statewide Portable Equipment Registration Program.
- (33) TEMPORARY PERMIT TO OPERATE represents interim authorization to operate equipment until the Permit to Operate is granted or denied. A temporary Permit to Operate is not issued by the District but may exist pursuant to Rule 202.

(c) Fees for Permit Processing

- (1) Permit Processing Fee
 - (A) Permit Processing Fee Applicability

 Except as otherwise provided in this rule, every applicant who files

an application for a Permit to Construct, Permit to Operate, Facility Permit, court judgments in favor of the District and administrative civil penalties or a revision to a Facility Permit, shall, at the time of filing, pay all delinquent fees associated with the facility and shall pay a permit processing fee.

- (i) Except as otherwise provided in this paragraph, the permit processing fee shall be determined in accordance with the schedules (set forth in Table FEE RATE-A) at the time the application is deemed complete.
- (ii) A person applying for permits for relocation of equipment shall pay fees in accordance with the schedules set forth in Table FEE RATE-A at the time the application is deemed complete. All fees due, within the past 3 years, from the previous facility for equipment for which a Change of Location application is filed, and all facility-specific fees (such as "Hot Spots" fees), must be paid before the Change of Location application is accepted.

- (iii) A person applying for permits for any equipment/process not otherwise listed in Table IA or Table IB shall pay the fees associated with Schedule C. Prior to the issuance of a permit, these fees are subject to adjustment, as necessary.
- (iv) In the event a Permit to Construct expires under the provisions of Rule 205, and the applicable rules, regulations, and BACT for that particular piece of equipment have not been amended since the original evaluation was performed, the permit processing fee for a subsequent application for a similar equipment shall be the fee established for an administrative change according to (c)(3)(C)in the Summary Permit Fee Rates - Change of Owner/Operator table according to the applicable schedule under the Change of Owner/Operator category, provided the subsequent application is submitted within one (1) year from the date of expiration of either the Permit to Construct, or an approved extension of the Permit to Construct. This clause shall not apply if a request for an extension for the Permit to Construct has been denied.
- (B) Notice of Amount Due and Effect of Nonpayment

For fees due upon notification, such notice may be given by personal service or sent by mail, electronic mail, or other electronic means, and shall be due thirty (30) days from the date of personal service, mailing, or electronic transmission. For the purpose of this subparagraph, the fee payment will be considered to be received by the District if it is delivered, postmarked, or electronically paid on or before the expiration date stated on the billing notice. If the expiration date falls on a Saturday, Sunday, or a state holiday, the fee payment may be delivered, postmarked, or electronically paid on the next business day following the Saturday, Sunday, or the state holiday with the same effect as if it had been delivered, postmarked, or electronically paid on the expiration date. Nonpayment of the fee within this period of time will result in expiration of the application and voiding of the Permit to Construct or Permit to Operate. No further applications will be accepted from the applicant until such time as overdue permit processing fees have been fully paid. If an application is canceled, a permit processing fee will be charged if evaluation of the application has been initiated.

- (C) Higher Fee for Failing to Obtain a Permit
 - (i) When equipment is operated, built, erected, installed, altered, or replaced (except for replacement with identical equipment) without the owner/operator first obtaining a required Permit to Construct or Permit to Operate, the permit processing fee shall be 150 percent (150%) of the amount set forth in Table FEE RATE-A unless the applicant is a Small Business as defined in this provision and the facility has no prior permit applications, Permit to Construct or Permit to Operate (as evidenced by a facility identification number) with the District in which case the permit processing fee shall be the amount set forth in Table FEE RATE-A. If a facility has been issued a Notice of Violation (NOV), there shall be no waiver of the higher fee. The applicant shall also remit annual operating fees for the source for a full three (3) years, or the actual years of operation if less than three (3) The assessment of such fee shall not limit the years. District's right to pursue any other remedy provided for by law. Fees are due and payable within thirty (30) days of receipt of notification. [See subparagraph (c)(2)(B).] However, the higher fee shall be waived if the application is being submitted for equipment that was previously permitted (issued either a Permit to Construct or a Permit to Operate) but had expired due to non-payment of fees, provided the application is submitted within one (1) year of the expiration date, and that permit is reinstateable under subdivision (g) of this rule.
 - (ii) For purposes of assessing a higher fee for failing to obtain a permit only, small business shall be defined as a business which is independently owned and operated and not an affiliate of a non-small business entity and meets the following criteria:
 - (A) If a non-manufacturer, the number of employees is 25 or less and the total gross annual receipts are \$1,000,000 or less; or

- (B) If a manufacturer, the number of employees is 50 or less and the total gross annual receipts are \$5,000,000 or less, or
- (C) Is a not-for-profit training center.
- (iii) This clause shall apply to applications for a Permit to Operate for equipment already constructed without first obtaining a required Permit to Construct. If, at the time the Permit to Operate is granted or denied, it is determined that any annual operating permit fee as provided in subdivision (d) of this rule had been based on incorrect information, the applicant will be billed for or credited with the difference, as appropriate.
- (D) Small Business
 - When applications are filed in accordance with the provisions of subparagraphs (c)(1)(A), (c)(1)(G)(i), (c)(1)(C) or paragraph (c)(3) for a Small Business as defined in Rule 102 Definition of Terms, the fees assessed shall be fifty percent (50%) of the amount set forth in Table FEE RATE-A.
- (E) Fees for Permit Processing for Identical Equipment and Processing of Applications for Short Term Emission Reduction Credits

 When applications are submitted in accordance with the provisions of subparagraphs (c)(1)(A), (c)(1)(C), (c)(1)(D), (c)(1)(H), paragraphs (c)(3) or (c)(4) concurrently for identical equipment, or for change of title or alteration/modification of short term emission reduction credits, full fees for the first application, and fifty percent (50%) of the applicable processing fee for each additional application shall be assessed. The provisions of this subparagraph do not apply to Certified Equipment Permits, Registration Permits, and the exceptions mentioned in subparagraphs (c)(3)(A), (c)(3)(B), and (c)(3)(C).
- (F) Discounts for Small Business and Identical Equipment Applications qualifying with the provisions of both subparagraph (c)(1)(D) and (c)(1)(E) shall only be entitled to one fee discount equivalent to the maximum discount afforded under either subparagraph.

- (G) Fees for Permit Processing for Certified Equipment Permits and Registration Permits
 - (i) Persons applying for a Certified Equipment Permit shall pay a one-time permit processing fee for each application. The fee shall be determined in accordance with Table FEE RATE-A. No annual operating permit renewal fee shall be charged.
 - (ii) A permit processing fee equal to 50% of Schedule A Permit Processing Fee of Table FEE RATE-A shall be assessed to a person applying for a Change of Owner/Operator for a Certified Equipment Permit.
 - (iii) A permit processing fee equal to 50% of Schedule A Permit Processing Fee of Table FEE RATE-A shall be charged to a person applying for a Registration Permit to Construct and Permit to Operate for certified equipment. Annual operating permit renewal fees shall be paid pursuant to subdivision (d).
 - (iv) When certified equipment is built, erected, installed, or replaced (except for identical replacement) without the owner/operator obtaining a required Rule 201 Permit to Construct, the permit processing fee assessed shall be 150 percent (150%) of the amount set forth in subparagraph (c)(1)(G)(iii) of Rule 301.
- (H) Applications Submitted for Equipment Previously Exempted by Rule 219

When applications for equipment are submitted within one year after the adoption of the most recent amendment to Rule 219 and are filed in accordance with the provisions of subparagraphs (c)(1)(A), (c)(1)(E), paragraphs (c)(2), or (c)(3) and require a permit, solely due to the most recent amendments to Rule 219, the permit processing fees assessed shall be in accordance with Schedule A of Table FEE RATE-A.

(I) Standard Streamlined Permits

The Streamlined Standard Permit application processing fee shall be \$1,006.52071.94, except that the fee shall not exceed the applicable permit processing fee including small business discount if applicable. There shall be no small business discount on the basic fee of \$1,006.52071.94. Applications submitted for existing

equipment which is operating and qualifies for a Streamlined Standard Permit shall be assessed an application processing fee in accordance with the provisions of subparagraph 301(c)(1)(C). Standard Streamlined Permits may be issued for the following equipment or processes: Replacement dry-cleaning equipment and Lithographic printing equipment.

- (2) Fee for Change of Owner/Operator or Additional Operator Under Rule 209 (Transfer and Voiding of Permits), a permit granted by the District is not transferable. Every applicant who files an application for a change of owner/operator or additional operator with the same operating conditions of a Permit to Operate shall be subject to a permit processing fee as follows:
 - (A) The permit processing fee shall be as established in Table FEE RATE-C for equipment at one location so long as the new owner/operator files an application for a Permit to Operate within one (1) year from the last renewal of a valid Permit to Operate and does not change the operation of the affected equipment. All fees billed from the date of application submittal that are associated with the facility for equipment for which a Change of Owner/Operator or Additional Operator application is filed, and all facility-specific fees (such as "Hot Spots" fees), must be paid before the Change of Owner/Operator or Additional Operator application is accepted. If after an application is received and SCAQMD determines that fees are due, the new owner/operator shall pay such fees within 30 days of notification. If the fees are paid timely, the owner/operator will not be billed for any additional fees billed to the previous owner/operator.
 - (B) If an application for change of owner/operator of a permit is not filed within one (1) year from the last annual renewal of the permit under the previous owner/operator, the new owner/operator shall submit an application for a new Permit to Operate, along with the permit processing fee as prescribed in subparagraph (c)(1)(A). A higher fee, as described in subparagraph (c)(1)(C), shall apply.
- (3) Change of Operating Condition, Alteration/Modification/Addition
 All delinquent fees, and court judgments in favor of the District and
 administrative civil penalties associated with the facility must be paid
 before a Change of Operating Condition, Alteration/Modification/Addition

application will be accepted. When an application is filed for a permit involving change of operating conditions, and/or a permit involving proposed alterations/modifications or additions resulting in a change to any existing equipment for which a Permit to Construct or a Permit to Operate was granted and has not expired in accordance with these rules, the permit processing fee shall be the amount set forth in Table FEE RATE-A. The only exceptions to this fee shall be:

(A) Permits that must be reissued with conditions prohibiting the use of toxic materials and for which no evaluation is required, no physical modifications of equipment are made, and the use of substitute materials does not increase Volatile Organic Compounds (VOC) by more than 0.5 pound in any one day. When an application is filed for a modification described by this exception, the permit processing fee shall be the applicable fee as shown in the table below in this subparagraph:

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$1, 006.52 <u>071.94</u>	\$1, 261.26 343.24

- (B) Permits that must be reissued to reflect the permanent removal of a standby fuel supply, or to render equipment non-operational shall pay the applicable reissue permit fee as shown in the tables below in this subparagraph, as follows:
 - (i) Does not result in a new source review emission adjustment:

Facility Type	Non-Title V (per equipment or reissued permit)	Title V (per equipment or reissued permit)
FY 2019-20 and thereafter	\$ 737.02 <u>784.92</u>	\$ 923.56 983.59

(ii) Does result in a new source review emission adjustment:

Facility Type	Non-Title V (per equipment)	Title V (per equipment)
FY 2019-20 and thereafter	\$ 1,932.34 2,057.94	\$2, 421.40 <u>578.79</u>

(C) Permits reissued for an administrative change in permit description, for splitting a permit into two or more permits based on Equipment/Process listed in Table IA or IB (an application is required for each Equipment/Process) or for a change in permit conditions based on actual operating conditions and which do not require any engineering evaluation and do not cause a change in emissions, shall be charged a fee according to the following schedule:

ule	Non-Title V	Title V	
Schedule	FY 2018-19 and thereafter	FY 2019-20 and thereafter	
A	\$ 737.03 <u>784.93</u>	\$ 923.56 983.59	
A1	\$ 737.03 <u>784.93</u>	\$ 923.56 983.59	
В	\$1, 006.52 <u>071.94</u>	\$1, 261.26 <u>343.24</u>	
B1	\$1, 006.52 <u>071.94</u>	\$1, 261.26 <u>343.24</u>	
С	\$1, 006.52 <u>071.94</u>	\$1, 261.26 <u>343.24</u>	
D	\$1, 006.52 <u>071.94</u>	\$1, 261.26 <u>343.24</u>	
Е	\$1, 006.52 <u>071.94</u>	\$1, 261.26 <u>343.24</u>	
F	\$1, 006.52 <u>071.94</u>	\$1, 261.26 <u>343.24</u>	

ule	Non-Title V	Title V	
Schedule	FY 2018-19 and thereafter	FY 2019-20 and thereafter	
G	\$1, 006.52 <u>071.94</u>	\$1, 261.26 <u>343.24</u>	
Н	\$1, 006.52 <u>071.94</u>	\$1, 261.26 <u>343.24</u>	

- (D) For permits reissued because of Rule 109, which do not result in Best Available Control Technology (BACT) determination, the permit processing fee shall be 50% of the amount set forth in Table FEE RATE-A.
- (4) Fee for Evaluation of Applications for Emission Reductions
 Every applicant who files an application for banking of emission reduction
 credits; change of title of emission reduction credits; alteration/modification
 of emission reduction credits; or conversion of emission reduction credits,
 mobile source credits, or area source credits to short term emission
 reduction credits, as described in paragraph (a)(2) of this rule shall, at the
 time of filing, pay a processing fee in accordance with Schedule I in Table
 FEE RATE-B. Additionally, the applicant shall, if required by Rule
 1310(c), either:
 - (A) Pay a fee for publication of public notice and a preparation fee as per Rule 301(j)(4), or
 - (B) Arrange publication of the public notice independent of the District option and provide to the Executive Officer a copy of the proof of publication.
- (5) Fees for Retirement of Short Term Emission Reduction Credits for Transfer into Rule 2202, and for ERCs Transfer Out of Rule 2202.

Any applicant who files an application to transfer a short term emission reduction credit certificate into Rule 2202 or to transfer ERCs out of Rule 2202 pursuant to Rule 2202 – On-Road Motor Vehicle Mitigation Options shall, at the time of filing, pay the fee as listed in Table FEE RATE-B.

- (d) Annual Operating Permit Renewal Fee
 - (1) Renewal of Permit to Operate

All Permits to Operate (including temporary Permits to Operate pursuant to Rule 202) for equipment on the same premises shall be renewed on the

annual renewal date set by the Executive Officer. A Permit to Operate is renewable if the permit is valid according to the District's Rules and Regulations and has not been voided or revoked and if the annual operating permit fee is paid within the time and upon the notification specified in paragraph (d)(8) of this rule and if all court judgments in favor of the District and administrative civil penalties associated with the facility are paid.

(2) Annual Operating Fees

The annual operating permit renewal fee shall be assessed in accordance with the following schedules:

Equipment/Process Schedules in Tables IA and IB	Non-Title V Annual Operating Permit Renewal Fee	Title V Annual Operating Permit Renewal Fee
A1	\$ 219.66 233.93	\$ 275.25 293.14 for FY 2019- 20 and thereafter
A, B, and B1 (excluding Rule 461liquid fuel dispensing nozzles)	\$ <u>440.15</u> 468.76	\$ 551.57 <u>587.42</u> for FY 2019- 20 and thereafter
C and D	\$1, 576.52 <u>678.99</u>	\$ 1,975.52 2,103.92 for FY 2019-20 and thereafter
E, F, G, and H	\$ 3,785.42 4,031.47	\$4,743.525,051.84 for FY 2019-20 and thereafter
Rule 461 liquid fuel dispensing system	\$130.11138.56 per product dispensed per nozzle	\$163.06173.65 for FY 2019- 20 and thereafter per product dispensed per nozzle

In addition to the annual operating permit renewal fees based on equipment/process, each RECLAIM/Title V facility shall pay the additional fee of:

Title V Facility	\$ 799.67 851.64 for FY 2019-20 and thereafter per facility
\$1, 058.98 <u>127.81</u> per Major Device	
RECLAIM Facility	\$211.80225.56 per Large Device
	\$ <u>211.80</u> 225.56 per Process Unit Device
RECLAIM and Title V Facility	RECLAIM fee + Title V fee

(3) Credit for Solar Energy Equipment

Any permittee required to pay an annual operating permit renewal fee shall receive an annual fee credit for any solar energy equipment installed at the site where the equipment under permit is located. Solar energy projects that receive grant funding from the Rule 1309.1 – Priority Reserve account shall not be eligible for this annual fee credit.

(A) Computation

The design capacity of the solar energy equipment expressed in thousands of British Thermal Units (Btu) per hour shall be used to determine the fee credit calculated at \$2.1124 per 1,000 Btu.

(B) Limitation

The solar energy credit shall not exceed the annual operating permit renewal fee for all permits at the site where the solar energy equipment is located.

(4) Renewal of Temporary Permit to Operate New Equipment

A Permit to Construct, which has not expired or has not been canceled or voided, will be considered a temporary Permit to Operate on the date the applicant completes final construction and commences operation, pursuant to subdivision (a) of Rule 202. For the purposes of this paragraph, the date specified as the estimated completion date on the application for Permit to Construct will be considered the date of commencement of operation, unless the applicant notifies the District in writing that operation will commence on another date, or unless the equipment already has been placed in operation. Such temporary Permit to Operate shall be valid for the period

of time between commencement of operation and the applicant's next annual renewal date following commencement of operation and shall be subject to a prorated amount of the annual operating permit renewal fee prescribed in paragraph (d)(2). The proration shall be based on the time remaining to the next annual renewal date. On that next annual renewal date, and each year thereafter, the annual operating permit renewal fee for the temporary Permit to Operate shall be due in the amount prescribed in paragraph (d)(2).

(5) Renewal of Temporary Permit to Operate Existing Equipment

In the case of equipment operating under a temporary Permit to Operate issued pursuant to subdivision (c) of Rule 202, where a Permit to Construct was not issued, the company is immediately subject to a prorated amount of the annual operating permit renewal fee prescribed in paragraph (d)(2) following the submission of the completed application for Permit to Operate. The proration shall be based on the time remaining to the next annual renewal date. On that next annual renewal date, and each year thereafter, the annual operating permit renewal fee shall be due in the amount prescribed in paragraph (d)(2). If no annual renewal date has been established, the Executive Officer shall set one upon receipt of the application.

(6) Annual Renewal Date

If, for any reason, the Executive Officer determines it is necessary to change the annual renewal date, all annual operating permit renewal fees shall be prorated according to the new annual renewal date.

(7) Annual Renewal Date for Change of Operator

The same annual renewal date shall apply from one change of owner/operator to another.

(8) Notice of Amount Due and Effect of Nonpayment

At least thirty (30) days before the annual renewal date, the owner/operator of equipment under permit will be notified by mail, electronic mail, or other electronic means, of the amount to be paid and the due date. If such notice is not received at least thirty (30) days before the annual renewal date, the owner/operator of equipment under permit shall notify the District on or before the permit renewal date that said notice was not received. The annual operating permit renewal fee for each permit shall be in the amount described in paragraph (d)(2). If the annual operating permit renewal fee is not paid within thirty (30) days after the due date, the permit will expire and

no longer be valid. In the case of a RECLAIM facility, if the individual device fee(s) are not paid, the application(s) associated with the device(s) shall expire and no longer be valid. For a Title V facility, if the Title V facility fee, which is not based on any specific equipment but applies to the whole facility, is not paid, the Title V facility permit shall expire. In such a case, the owner/operator will be notified by mail, electronic mail, or other electronic means, of the expiration and the consequences of operating equipment without a valid permit, as required by Rule 203 (Permit to Operate). For the purpose of this paragraph, the fee payment will be considered to be received by the District if it is delivered, postmarked, or electronically paid on or before the expiration date stated on the billing notice. If the expiration date falls on a Saturday, Sunday, or a state holiday, the fee payment may be delivered, postmarked, or electronically paid on the next business day following the Saturday, Sunday, or state holiday with the same effect as if it had been postmarked on the expiration date.

(9) Annual Operating Fees for Redundant Emission Controls
Any person holding permits to operate for two or more emission controls
applicable to the same equipment who establishes that any of the emission
controls is redundant, i.e., not necessary to assure compliance with all
applicable legal requirements, shall not be required to pay annual operating
permit renewal fees under subdivision (d) for the redundant equipment. The
Executive Officer may reinstate the obligation to pay such fees at any time
upon determination that operating the control is or has become necessary to
assure compliance with any applicable legal requirements.

(e) Annual Operating Emissions Fees

- (1) Annual Operating Emission Fee Applicability
 In addition to the annual operating permit renewal fee, the owner/operator of all equipment operating under permit shall pay annual emissions fees if any of the criteria in subparagraphs (e)(1)(A) through (e)(1)(C) are met.
 - (A) The owner/operator of a facility operates equipment under at least one permit.
 - (B) The total weight of emissions at a facility are greater than or equal to the thresholds for any of the contaminants specified in paragraph (e)(5), except for ammonia, 1,1,1 trichloroethane, and chlorofluorocarbons, from all equipment used by the owner/operator

at all locations. The total weight of emissions of each of the contaminants specified in paragraph (e)(5) includes:

- (i) Emissions from permitted equipment
- (ii) Emissions resulting from all products which continue to passively emit air contaminants after they are manufactured, or processed by such equipment, with the exception of such product that is shipped or sold out of the District so long as the manufacturer submits records which will allow for the determination of emissions within the District from such products.
- (iii) Emissions from equipment or processes not requiring a written permit pursuant to Regulation II.
- (C) The owner/operator of a facility that reports emissions to the District pursuant to CARB's Criteria and Toxics Reporting Regulation (17 California Code of Regulations section 93400 et seq.) or pursuant to CARB's AB 2588 Air Toxics "Hot Spots" Emission Inventory Criteria and Guidelines Regulation (17 California Code of Regulations section 93300.5).
- (2) Emissions Reporting and Fee Calculation

All major stationary sources of NOx and VOC, as defined in Rule 317, shall annually report and pay the appropriate clean air act non-attainment fees for all actual source emissions including but not limited to permitted, unpermitted, unregulated and fugitive emissions. Each facility subject to subparagraph (e)(1)(B) shall annually report all emissions for all pollutants listed in paragraph (e)(5) and Table IV and incur an emissions fee as prescribed in Table III.

Non-permitted emissions which are not regulated by the District shall not be reported and shall be excluded from emission fees if the facility provides a demonstration that the emissions are not regulated and maintains sufficient records to allow the accurate demonstration of such non-regulated emissions.

(3) Exception for the Use of Clean Air Solvents

An owner/operator shall not pay a fee for emissions from the use of Clean Air Solvents issued a valid Certificate from the District so long as the facility submits separate records which allow the determination of annual emissions, usage, and identification of such products. A copy of the Clean

Air Solvent certificate issued to the manufacturer or distributor shall be submitted with the separate records.

(4) Flat Annual Operating Emission Fee

The owner/operator of all equipment subject to paragraph (e)(1)(A) (not including certifications, registrations or plans) shall each year be assessed a flat annual emissions fee of \$142.59151.85.

(5) Emission Fee Thresholds

Air Contaminant(s)	Annual Emissions Threshold
Gaseous sulfur compounds (expressed as sulfur dioxide)	≥4 TPY
Total organic gases (excluding methane and exempt compounds as defined in Rule 102, and specific organic gases as specified in subdivision(b))	≥4 TPY
Specific organic gases as specified in subdivision (b)	≥4 TPY
Oxides of nitrogen (expressed as nitrogen oxide)	≥4 TPY
Total particulate matter	≥4 TPY
Carbon monoxide	≥100 TPY
Ammonia	≥0.1 TPY
Chlorofluorocarbons	≥1 lb per year
1,1,1 Trichloroethane	≥1 lb per year

(6) Clean Fuels Fee Thresholds

Each facility emitting 250 tons or more per year (\geq 250 TPY) of Volatile Organic Compounds, Nitrogen Oxides, Sulfur Oxides and Particulate Matter shall pay an annual clean fuels fee as prescribed in Table V (California Health and Safety Code Section 40512).

(7) Fees for Toxic Air Contaminants

Each facility subject to subparagraph (e)(1)(B) or (C) emitting a toxic air contaminant greater than or equal to the annual thresholds listed in Table IV shall be assessed annual emissions fees as indicated in subparagraphs (e)(7)(A). The annual emissions fees for toxic air contaminants shall be based on the total weight of emissions of these contaminants associated with

all equipment and processes including, but not limited to, material usage, handling, processing, loading/unloading; combustion byproducts, and fugitives (equipment/component leaks).

- (A) For emissions reported before January 1, 2020, any facility subject to paragraph (e)(7) that emits any toxic air contaminant greater than the thresholds listed in Table IV shall pay the fees listed in Table IV. For emissions reported after January 1, 2020, any facility subject to paragraph (e)(7) that emits any toxic air contaminant greater than the thresholds listed in Table IV shall not pay the fees in Table IV and shall instead pay the following fees:
 - (i) A Base Toxics Fee of \$78.03;
 - (ii) A Flat Rate Device Fee of \$170.95, and \$341.89, starting January 1, 2020, and January 1, 2021, respectively, for each device, including permitted and unpermitted equipment and activity including, but not limited to, material usage, handling, processing, loading/unloading; combustion byproducts, and fugitives (equipment/component leaks) with emissions of any pollutant above the annual thresholds listed in Table IV;
 - (iii) A Cancer-Potency Weighted Fee of \$5.00 and \$10.00, starting January 1, 2020, and January 1, 2021, respectively, per cancer-potency weighted pound of facility-wide emissions for each pollutant listed in Table IV. The cancer-potency weighted emissions of each toxic air contaminant listed in Table IV shall be calculated as follows:

 $CPWE = TAC \times CPF \times MPF$

Where:

CPWE = Cancer Potency Weighted Emissions

TAC = Emissions (pounds) of a Table IV toxic air contaminant

CPF = Cancer Potency Factor for the reported toxic air contaminant

MPF = Multi-Pathway Factor for the reported toxic air contaminant

The CPF and MPF shall be equal to those specified in the Rule 1401 Risk Assessment Procedures that were current at the time that the emissions were required to be reported.

- (B) The following facilities are exempt from paying specified toxics emissions fees:
 - (i) Any dry cleaning facility that emits less than two (2) tons per year of perchloroethylene, and qualifies as a small business as defined in the general definition of Rule 102 shall be exempt from paying any fees listed in subparagraph (e)(7)(A).
 - (ii) Any facility that emits less than two (2) tons per year, of formaldehyde, perchloroethylene, or methylene chloride, may petition the Executive Officer, at least thirty (30) days prior to the official submittal date of the annual emissions report as specified in paragraph (e)(10),for from exemption formaldehyde, perchloroethylene, or methylene chloride fees as required in subparagraph (e)(7)(A). Exemption from emissions fees shall be granted if the facility demonstrates that no alternatives to the use of these substances exist, no control technologies exist, and that the facility qualifies as a small business as defined in the general definition of Rule 102.
 - (iii) Any facility that is located more than one mile from a residential or other sensitive receptor shall be exempt from paying fees in clause (e)(7)(A)(iii).
- (8) Reporting of Total Emissions from Preceding Reporting Period and Unreported or Under-reported Emissions from Prior Reporting Periods
 - (A) The owner/operator of equipment subject to paragraph (e)(2) shall report to the Executive Officer the total emissions for the immediate preceding reporting period of each of the air contaminants listed in Table III and Table IV from all equipment. The report shall be made at the time and in the manner prescribed by the Executive Officer. The permit holder shall report the total emissions for the twelve (12) month period reporting for each air contaminant concerned from all equipment or processes, regardless of the quantities emitted.
 - (B) The Executive Officer will determine default emission factors applicable to each piece of permitted equipment or group of permitted equipment, and make them available to the owner/operator in a manner specified by the Executive Officer and

- provide them to the owner/operator upon request. In determining emission factors, the Executive Officer will use the best available data. A facility owner/operator can provide alternative emission factors that more accurately represent actual facility operations subject to the approval of the Executive Officer.
- (C) A facility owner/operator shall report to the Executive Officer, in the same manner, and quantify any emissions of air contaminants in previous reporting periods which had not been reported correctly and should have been reported under the requirements in effect in the reporting period in which the emissions occurred.
- (D) The reported emissions shall be certified by an authorized official. For purposes of reporting, an "authorized official" is defined as an individual who has knowledge and responsibility for emissions data and has been authorized by an officer of the permit holder to submit and certify the accuracy of the data presented in the emissions report on behalf of the permit holder, based on best available knowledge.
- (9) Request to Amend Emissions Report and Refund of Emission Fees
 - (A) A facility owner/operator shall submit a written request (referred to as an "Amendment Request") for any proposed revisions to previously submitted annual emissions reports. Amendment requests with no fee impact, submitted after one (1) year and seventy five (75) days from the official due date of the subject annual emissions report shall include a non-refundable standard evaluation fee of \$372.17396.36 for each subject facility and reporting period. Evaluation time beyond two hours shall be assessed at the rate of \$\frac{186.12}{198.21} per hour and shall not exceed ten (10) hours. Amendment requests received within one year (1) and seventy five (75) days from the official due date of a previously submitted annual emissions report shall not incur any such evaluation fees. The Amendment Request shall include all supporting documentation and copies of revised applicable forms.
 - (B) A facility owner/operator shall submit a written request (referred to as a "Refund Request") to correct the previously submitted annual emissions reports and request a refund of overpaid emission fees. Refund Requests must be submitted within one (1) year and seventy five (75) days from the official due date of the subject annual emissions report to be considered valid. The Refund Request shall

include all supporting documentation and copies of revised applicable forms. If the Refund Request is submitted within one (1) year and seventy five (75) days from the official due date of the subject annual emissions report, and results in no fee impact, then the facility owner/operator shall be billed for the evaluation fee pursuant to subparagraph (e)(9)(A).

- (10) Notice to Pay and Late Filing Surcharge
 - (A) The facility owner/operator shall submit an annual emissions report and pay any associated emissions fees if a notice to report emissions is sent by mail, electronic mail, or other electronic means, annually to the owners/operators of all equipment (as shown in District records) for which this subdivision applies. A notice to pay the clean fuels fee specified in paragraph (e)(6) or semi-annual fee specified in paragraph (e)(11) will also be sent by mail, electronic mail, or other electronic means, to facilities which in the preceding reporting year emitted any air contaminant equal to or greater than the emission thresholds specified in subparagraph (e)(11)(A). Emissions reports and fee payment submittals are the responsibility of the owner/operator regardless of whether the owner/operator was notified.

If both the fee payment and the completed annual emissions report are not received by the seventy-fifth (75th) day following July 1 (for semi-annual reports), or January 1 (for annual reports) or the fee payment not received by the seventy-fifth (75th) day following July 1 (for semi-annual and clean fuels fees), they shall be considered late, and surcharges for late payment shall be imposed as set forth in subparagraph (e)(10)(B). For the purpose of this subparagraph, the emissions fee payment and the emissions report shall be considered to be timely received by the District if it is delivered, postmarked, or electronically paid on or before the seventy-fifth (75th) day following the official due date. If the seventy-fifth (75th) day falls on a Saturday, Sunday, or a state holiday, the fee payment and emissions report may be delivered, postmarked, or electronically paid on the next business day following the Saturday, Sunday, or the state holiday with the same effect as if they had been delivered, postmarked, or electronically paid on the seventy-fifth (75th) day.

The 2022 annual emissions report and associated fee payment shall be considered to be timely received by the District if the report is electronically submitted and payment is delivered, postmarked, or electronically paid on or before May 1, 2023.

(B) If fee payment and emissions report are not received within the time prescribed by subparagraph (e)(10)(A) or (e)(11)(C), a surcharge shall be assessed and added to the original amount of the emission fee due according to the following schedule:

Less than 30 days	5% of reported amount	
30 to 90 days	15% of reported amount	
91 days to 1 year	25% of reported amount	
More than 1 year	(See subparagraph (e)(10)(D))	

- If an annual emission fee or clean fuels fee is timely paid, and if, (C) within one year after the seventy-fifth (75th) day from the official due date of the annual emission report is determined to be less than ninety percent (90%) of the full amount that should have been paid, a fifteen percent (15%) surcharge shall be added, and is calculated based on the difference between the amount actually paid and the amount that should have been paid, to be referred to as underpayment. If payment was ninety percent (90%) or more of the correct amount due, the difference or underpayment shall be paid but with no surcharges added. The fee rate to be applied shall be the fee rate in effect for the year in which the emissions actually occurred. If the underpayment is discovered after one (1) year and seventy five (75) days from the official fee due date of the annual emission report, fee rates and surcharges will be assessed based on subparagraph (e)(10)(D).
- (D) The fees due and payable for the emissions reported or reportable pursuant to subparagraph (e)(8)(C) shall be assessed according to the fee rate for that contaminant specified in Tables III, IV, and V, and paragraph (e)(7) and further increased by fifty percent (50%). The fee rate to be applied shall be the fee rate in effect for the year in which the emissions actually occurred.
- (E) Effective July 1, 2019, if the underpayment is a result of emissions related to a source test that was submitted to the Source Test unit for

approval prior to or at the time the official AER submittal due date of the subject annual emission report, the difference or underpayment shall be paid, but with no surcharges added. The fee rate to be applied shall be the fee rate in effect for the year in which the emissions actually occurred. If the underpayment is paid within one year after the seventy fifth (75th) day from the official due date, the fee rate to be applied shall be the fee rate in effect for the year in which the emissions actually occurred. If the underpayment is paid after one year after the seventy fifth (75th) day from the official due date, the fee rate to be applied shall be the fee rate in effect for the year in which the emissions are actually reported.

- (F) If one hundred twenty (120) days have elapsed since January 1st, July 1st, or as applicable, and all emission fees including any surcharge have not been paid in full, the Executive Officer may take action to revoke all Permits to Operate for equipment on the premises, as authorized in Health and Safety Code Section 42307.
- (11) Semi-Annual Emissions Fee Payment
 - (A) For facilities emitting the threshold amount of any contaminant listed below, the Executive Officer will estimate one half (1/2) of the previous annual emission fees and request that the permit holder pay such an amount as the first installment on annual emission fees for the current reporting period.

Air contaminant(s)	Annual emissions threshold (TPY)
Gaseous sulfur compounds (expressed as sulfur dioxide)	≥10 TPY
Total organic gases (excluding methane and exempt compounds as defined in Rule 102, and specific organic gases as specified in subdivision (b))	≥10 TPY
Specific organic gases as specified in subdivision (b)	≥10 TPY
Oxides of nitrogen (expressed as nitrogen dioxide)	≥10 TPY
Total particulate matter	≥10 TPY
Carbon monoxide	≥100 TPY

(B) In lieu of payment of one half the estimated annual emission fees, the owner/operator may choose to report and pay on actual

emissions for the first six months (January 1 through June 30). By January 1 of the year following the reporting period, the permit holder shall submit a final Annual Emission Report together with the payment of the balance; the annual emission fees less the installment previously paid. The report shall contain an itemization of emissions for the preceding twelve (12) months of the reporting period (January 1 through December 31). The final Annual Emission Report for 2022 emissions together with the payment of the balance (the annual emission fees less the installment previously paid) shall be considered to be timely received by the District if the report is electronically submitted and payment is delivered, postmarked, or electronically paid on or before May 1, 2023.

- (C) An installment fee payment shall be considered late if not received by the District, or postmarked, on or before the seventy-fifth (75th) day following July 1 of the current reporting period and shall be subject to a surcharge pursuant to subparagraph (e)(10)(B).
- (12) Fee Payment Subject to Validation

 Acceptance of a fee payment does not constitute validation of the emission data.
- (13) Exempt Compounds

 Emissions of acetone, ethane, methyl acetate, parachlorobenzotrifluoride

 (PCBTF), and volatile methylated siloxanes (VMS), shall not be subject to
 the requirements of Rule 301(e).
- (14) Reporting Emissions and Paying Fees

 For the reporting period of January 1 through December 31, emission fees shall be determined in accordance with fee rates specified in Tables III and V, and paragraphs (e)(2) and (e)(7). Installment fees that have been paid for Semi-Annual Emission Fees shall not be subject to this provision.
- Notwithstanding any other applicable Rule 301(e) provisions regarding the annual emissions report and emission fees, for the reporting period January 1 through December 31, the fee payment and the completed annual emissions report shall be delivered, postmarked, or electronically paid on or before the seventy-fifth (75th) day following January 1 of the subsequent year to avoid any late payment surcharges specified in subparagraph (e)(10)(B). The 2022 annual emissions report and associated fee payment shall be considered to be timely received by the District if the report is

<u>electronically</u> <u>submitted</u> <u>and</u> <u>payment</u> <u>is</u> <u>delivered</u>, <u>postmarked</u>, <u>or</u> electronically paid on or before May 1, 2023.

(16) Reporting GHG Emissions and Paying Fees

A facility that is subject to the California Air Resources Board (CARB)'s mandatory reporting of Greenhouse Gas (GHG) emissions may request District staff to review and verify the facility's GHG emissions. The fee for review and verification for each GHG emissions report shall consist of an initial submittal fee of \$152.04161.92 in addition to a verification fee assessed at \$152.04161.92 per hour or prorated portion thereof.

(f) Certified Permit Copies and Reissued Permits

A request for a certified permit copy shall be made in writing by the permittee after the destruction, loss, or defacement of a permit. A request for a permit to be reissued shall be made in writing by the permittee where there is a name or address change without a change of owner/operator or location. The permittee shall, at the time a written request is submitted, pay the fees to cover the cost of the certified permit copy or reissued permit as follows:

(1) Certified Permit Copy

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 32.65 <u>34.77</u>	\$ 40.93 <u>43.59</u>

(2) Reissued Permit

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 252.94 269.38	\$ 316.95 337.55

No fee shall be assessed to reissue a permit to correct an administrative error by District staff.

(g) Reinstating Expired Applications or Permits; Surcharge

An application or a Permit to Operate which has expired due to nonpayment of fees or court judgments in favor of the District or administrative civil penalties associated with the facility may be reinstated by submitting a request for reinstatement of the application or Permit to Operate accompanied by a reinstatement surcharge and payment in full of the amount of monies due at the time the application or Permit to Operate expired. The reinstatement surcharge

shall be fifty percent (50%) of the amount of fees due per equipment at the time the application or Permit to Operate expired, or the following amount, whichever is lower:

Permit Holder Per Equipment Fee	Title V Facility	Non-Title V Facility	Other Facility Type
FY 2019-20 and thereafter	\$ 336.28 <u>358.13</u>	\$ 268.37 285.81	\$ 268.37 285.8 <u>1</u>

Such request and payment shall be made within one (1) year of the date of expiration. An application or Permit to Operate which has expired due to nonpayment of fees shall not be reinstated if the affected equipment has been altered since the expiration of the application or Permit to Operate. If the period of expiration has exceeded one (1) year or the affected equipment has been altered, operation of the equipment shall require a new Permit to Operate and the application shall be subject to Rule 1313(b).

(h) Reinstating Revoked Permits

If a Permit to Operate is revoked for nonpayment of annual permit fees based on emissions or fees on non-permitted emissions, it may be reinstated upon payment by the permit holder of such overdue fees and accrued surcharge in accordance with (e)(10).

(i) Clean Air Act Non-Attainment Fees

Any fees remitted to the District pursuant to Rule 317 – Clean Air Act Non-attainment Fees shall be held in escrow accounts unique to each source. Fees accrued in such escrow accounts may be used for either of the following at the discretion of the source's owner or operator.

- (1) Creditable up to the amount of fees due by the same source during the calendar year or subsequent calendar year(s) for annual emissions fees due pursuant to Rule 301(e)(2), (4), (6), (7) and (11) and annual operating permit renewal fees due pursuant to Rule 301(d)(1), (2) and (4). In no case shall the credit be greater than the fees paid; or
- (2) Use by the owner or operator for VOC and NOx reduction programs at their source that are surplus to the State Implementation Plan according to the following prioritization:
 - (A) at the source; or
 - (B) use within another facility under common ownership; or

- (C) use in the community adjacent to the facility; or
- (D) other uses to reduce emissions.

Up to five percent of funds can be used by the South Coast Air Quality Management District for administrative support for items in paragraph (i)(2).

- (j) Special Permit Processing Fees California Environmental Quality Act (CEQA) Assistance, Air Quality Analysis, Health Risk Assessment, and Public Notice for Projects
 - (1) Payment for CEQA Assistance
 - (A) CEQA Document Preparation

When a determination is made by the Executive Officer that the District is the Lead Agency for a project, pursuant to the California Environmental Quality Act (CEQA), Public Resources Code Section 21000 et seq. and state CEQA Guidelines (14 California Code of Regulations section 15000 et seq.), the project applicant may be required to pay a review fee (based on a staff rate of \$186.12198.21 per hour) when a 400-CEQA form requires the CEQA staff to review for CEQA applicability. If preparation of CEQA documentation is deemed necessary, the applicant shall pay an initial fee for the preparation of necessary CEQA documentation according to the following schedule:

Notice of Exemption (upon applicant request)	\$ 372.22 <u>396.41</u>
Negative Declaration (ND), including Supplemental or Subsequent ND	\$5, 613.18 978.0 <u>3</u>
Mitigated Negative Declaration (MND), including Supplemental or Subsequent MND	\$5, 613.18 <u>978.0</u> <u>3</u>
Environmental Impact Report (EIR), including Supplemental or Subsequent EIR	\$7, 484.20 <u>970.6</u> <u>7</u>
Addendum to EIR, including Addendum to ND/MND	\$3,878.73 <u>4,130.</u> <u>84</u>

If the Executive Officer determines that the District's CEQA preparation costs (may include, but not limited to, mailing, noticing, publications, et cetera) and staff time (based on the rate of \$186.12198.21 per hour) exceed the initial fee the project applicant,

upon notification from the District, shall make periodic payment of the balance due. The Executive Officer shall determine the amount and timing of such periodic payments, based upon the level of CEQA analysis and the amount of monies needed to offset the actual preparation costs.

(B) CEQA Document Assistance

When the District is not the Lead Agency for a project and a request is made by: another public agency; a project proponent; or any third party, for staff assistance with any of the following tasks including, but not limited to: reviewing all or portions of a CEQA document and air quality analysis protocols for emissions inventories and air dispersion modeling prior to its circulation to the public for review pursuant to Public Resources Code §21092; assisting lead agencies with developing and implementing mitigation measures, the requestor may be required to pay a fee for staff time at the rate of \$186.12198.21 per hour. This fee shall not apply to review of CEQA documents prepared by other public agencies that are available for public review pursuant to Public Resources Code §21092 and is part of the District's intergovernmental review responsibilities under CEQA.

(2) Payment for Air Quality Analysis

When a determination is made by the Executive Officer that an air quality analysis of the emissions from any source is necessary to predict the extent and amount of air quality impact prior to issuance of a permit, the Executive Officer may order air quality simulation modeling by qualified District personnel. Alternatively, the Executive Officer may require (or the owner/operator of the source may elect) that modeling be performed by the owner/operator or an independent consultant.

Where modeling is performed by the owner/operator or an independent consultant, the Executive Officer may require that the results be verified by qualified District personnel. The owner/operator of the source shall provide to the Executive Officer a copy of the final modeling report including all input data, description of methods, analyses, and results. The owner/operator of the source modeled by District personnel shall pay a fee as specified in Table IIA to cover the costs of the modeling analysis. A fee, as specified in Table IIA, shall be charged to offset the cost of District verification of modeling performed by an independent consultant.

- (3) Payment for Health Risk Assessment
 - (A) When a determination is made by the Executive Officer that any source being evaluated for a Permit to Construct or a Permit to Operate may emit toxic or potentially toxic air contaminants, the Executive Officer may order a Health Risk Assessment be conducted by qualified District personnel or by a qualified consultant, as determined by the Executive Officer, engaged by the District under a contract. Alternatively, the Executive Officer may require (or owner/operator of the source may elect) that the assessment be performed by the owner/operator or an independent consultant engaged by the owner/operator. The Health Risk Assessment shall be performed pursuant to methods used by the California EPA's Office of Environmental Health Hazard Assessment.
 - For a Health Risk Assessment conducted by the owner/operator of (B) the source or the owner/operator's consultant, the Executive Officer may require that the results be verified by qualified District personnel or by a qualified consultant engaged by the District. The owner/operator of the source shall provide to the Executive Officer a copy of the final Health Risk Assessment including all input data, and description of methods, analyses, and results. The owner/operator of the source for which a Health Risk Assessment is conducted or is evaluated and verified by District personnel or consultant shall pay the fees specified in Table IIA to cover the costs of an Air Quality Analysis and Health Risk Assessment analysis, evaluation, or verification. When the Health Risk Assessment is conducted or is evaluated and verified by a consultant engaged by the District, or District personnel, the fees charged will be in addition to all other fees required.
 - (C) When a Health Risk Assessment is evaluated by the California EPA, pursuant to Health and Safety Code Sections 42315, 44360, 44361 or 44380.5, or by a consultant engaged by the California EPA, or when the District consults with the California EPA regarding the Health Risk Assessment, any fees charged by the California EPA to the District will be charged to the person whose Health Risk Assessment is subject to the review, in addition to other fees required.

(4) Payment for Public Notice

An applicant shall pay the applicable fee, for preparation of any public notice as required by the rules, as shown below in this paragraph:

Public Notification Type	Non-Title V Source	Title V Source
For a project requiring notification as defined in Rule 212(c)	\$1, 173.48 <u>249.75</u>	\$1, 470.51 <u>566.09</u> for FY 2019-20 and thereafter
For emission reduction credits (ERCs) in excess of the amounts as specified in Rule 1310(c)	\$1, 173.48 <u>249.75</u>	\$1, 470.51 566.09 for FY 2019-20 and thereafter
Requesting allocations from the Offset Budget or requesting the generation or use of any Short Term Credit (STCs)	\$1, 173.48 <u>249.75</u>	\$1, 470.51 <u>566.09</u> for FY 2019-20 and thereafter
Significant revision of a Title V permit		\$1,470.51566.09 for FY 2019-20 and thereafter

The notice preparation fee is waived for existing dry cleaning operations at the same facility that install, modify or replace dry cleaning equipment to comply with Rule 1421 provided there is a concurrent removal from service of the perchloroethylene equipment. Eligibility includes converting from perchloroethylene to non-toxic alternative solvents, including non-toxic hydrocarbon solvents. In addition, an applicant for a project subject to the requirements of Rule 212(g) shall either:

- (A) Pay the actual cost as invoiced for publication of the notice by prominent advertisement in the newspaper of general circulation in the area affected where the facility is located and for the mailing of the notice to persons identified in Rule 212(g), or
- (B) Arrange publication of the above notice independent of the District option. This notice must be by prominent advertisement in the newspaper of general circulation in the area affected where the facility is located. Where publication is performed by the

owner/operator or an independent consultant, the owner/operator of the source shall provide to the Executive Officer a copy of the proof of publication.

- (5) Payment for Review of Continuous Emissions Monitoring System (CEMS), Fuel Sulfur Monitoring System (FSMS), and Alternative Continuous Emissions Monitoring System (ACEMS)
 - (A) New Application for Process Equipment Requiring CEMS or, Alternatively, an FSMS or ACEMS to Comply with the CEMS Requirement.

When a determination is made by the Executive Officer that a Continuous Emissions Monitoring System (CEMS) is required in order to determine a source's compliance with a District rule or regulation, the applicant shall:

- (i) Apply for the use of a CEMS and pay a basic processing fee as specified in Table IIB at the time of filing.
- (ii) Apply for the use of an FSMS or ACEMS in lieu of a CEMS and pay a basic processing fee as specified in Table IIB at the time of filing.
- (B) Modification of an Existing Certified CEMS, FSMS, or ACEMS

 If a certified CEMS, FSMS, or ACEMS is modified in a manner
 (excluding routine replacement or servicing of CEMS or FSMS
 components for preventive or periodic maintenance according to
 established quality assurance guidelines, or CEMS or FSMS
 components designated by the Executive Officer as "standardized"
 or direct replacement-type components) determined by the
 Executive Officer to compromise a source's compliance with a
 District rule or regulation, the applicant shall pay a processing fee
 covering the evaluation of the modification and recertification, if
 necessary, as follows:
 - (i) If one or more CEMS or FSMS components (excluding additional pollutant monitors) are replaced, modified, or added, the applicant shall pay a minimum processing fee of \$981.981,045.80; and additional fees will be assessed at a rate of \$186.12198.21 per hour for time spent on the evaluation in excess of 10 hours up to a maximum total fee of \$6,209.42613.03.

- (ii) If one or more pollutant monitors are added to a CEMS or FSMS (and one or more of its components are concurrently replaced, modified, or added), the applicant shall pay a minimum processing fee as specified in Table IIB, based on the number of CEMS or FSMS pollutant monitors and components added.
- (iii) If one or more pollutant emission sources at a facility are added to an FSMS, a time-shared CEMS, or a SOx CEMS which is specifically used to "back-calculate" fuel sulfur content for these sources, the applicant shall pay a minimum processing fee as specified in Table IIB, based on the number of CEMS or FSMS monitors and components added.
- (iv) If one or more ACEMS (or PEMS) components are replaced, modified, or added, the applicant shall pay a minimum processing fee \$981.981,045.80; and additional fees will be assessed at a rate of \$186.12198.21 per hour for time spent on the evaluation in excess of 10 hours up to a maximum total fee of \$6,209.42613.03.
- (C) Modification of CEMS, FSMS, or ACEMS Monitored Equipment For any RECLAIM or non-RECLAIM equipment monitored or required to be monitored by a CEMS, FSMS, or ACEMS, that is modified in a manner determined by the Executive Officer to compromise a source's compliance with a District CEMS-, FSMS-, or ACEMS-related rule or regulation, or requires an engineering evaluation, or causes a change in emissions; the applicant shall pay a minimum processing fee of \$981.981.045.80, covering the evaluation and recertification, if necessary, of the CEMS, FSMS, or ACEMS. Additional fees will be assessed at a rate of \$186.12198.21 per hour for time spent on the evaluation in excess of 10 hours up to a maximum total fee of \$6,209.42613.03.
- (D) Periodic Assessment of an Existing CEMS, FSMS, or ACEMS
 An existing CEMS, FSMS, or ACEMS must be retested on a
 quarterly, semi-annual, or annual basis to remain in compliance with
 District regulations. The applicant shall pay a minimum processing
 fee of \$981.98for_1,045.80 for this evaluation, if required.
 Additional fees will be assessed at a rate of \$186.12198.21 per hour

for time spent on the evaluation in excess of 10 hours up to a maximum total fee of \$6,209.43613.04.

- (E) CEMS, FSMS, or ACEMS Change of Owner/Operator
 Every applicant who files an application for a change of owner/operator of a RECLAIM or non-RECLAIM facility permit shall also file an application for a change of owner/operator of a CEMS, FSMS, or ACEMS, if applicable, and be subject to a processing fee equal to \$296.04315.28 for the first CEMS, FSMS, or ACEMS, plus \$59.0462.87 for each additional CEMS, FSMS, or ACEMS.
- (6) Payment for Review and Certification of Barbecue Charcoal Igniter Products
 - (A) Certification of Barbecue Charcoal Igniter Products

 Pursuant to the requirements of District Rule 1174, manufacturers, distributors, and/or retailers of applicable barbecue charcoal igniter products shall perform the required testing and shall submit a formal report for review by SCAQMD staff for product compliance and certification. For each product evaluated, the applicant shall pay a minimum processing fee of \$734.48782.22 per product certified, and additional fees will be assessed at the rate of \$152.04161.92 per hour for time spent on the evaluation/certification process in excess of 5 hours.
 - (B) Repackaging of Certified Barbecue Charcoal Igniter Products
 When a currently certified barbecue charcoal igniter product is repackaged for resale or redistribution, the manufacturer, distributor, and/or retailer shall submit the required documentation to SCAQMD staff for evaluation and approval. For each product or products evaluated, the applicant shall pay a processing fee of \$367.26391.13 for the first certificate issued, and additional fees will be assessed at the rate of \$152.04161.92 per hour for the time spent in excess of 3 hours for the first certificate issued. Additional certificates for the same product or products shall be assessed at the rate of \$73.4078.17 per each additional certificate issued.
- (7) Fees for Inter-basin, Inter-district, or Interpollutant Transfers of Emission Reduction Credits
 - An applicant for inter-basin, inter-district, or interpollutant transfer of ERCs shall file an application for ERC Change of Title and pay fees as listed in

Table FEE RATE-B. Additional fees shall be assessed at a rate based on the number of hours for the time spent on review and evaluation of interbasin, inter-district, and interpollutant transfers of ERCs pursuant to Rule 1309 subdivisions (g) and (h).

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 201.30 214.38/hr	\$ 252.25 <u>268.64</u> /hr

(8) Fees for Grid Search to Identify Hazardous Air Pollutant Emitting Facilities A fee of \$369.78393.81 shall be submitted by any individual, business or agency requesting the District to conduct a grid search to identify all facilities with the potential to emit hazardous air pollutants located within one-quarter mile of a proposed school boundary.

Failure to pay the fees described in this subdivision within thirty (30) days after their due date(s) shall result in expiration of pending applications, and no further applications will be accepted from the applicant until the fees have been paid in full.

(k) Government Agencies

All applicants and permittees, including federal, state, or local governmental agencies or public districts, shall pay all fees.

(l) RECLAIM Facilities

- (1) For RECLAIM facilities, this subdivision specifies additional conditions and procedures for assessing the following fees:
 - (A) Facility Permit;
 - (B) Facility Permit Amendment;
 - (C) Change of Operating Condition;
 - (D) Change of Owner/Operator;
 - (E) Annual Operating Permit;
 - (F) Transaction Registration;
 - (G) RECLAIM Pollutant Emission;
 - (H) Duplicate Permits;
 - (I) Reissued Permits;
 - (J) RECLAIM Breakdown Emissions; and
 - (K) Non-Tradeable Allocation Credit Mitigations.
- (2) RECLAIM Fees Applicability

All RECLAIM Facility Permit holders shall be subject to this subdivision.

(3) Rule 301 - Permit Fees Applicability
Unless specifically stated, all RECLAIM Facility Permit holders shall be subject to all other provisions of Rule 301 - Permit Fees.

(4) Facility Permit Amendment

At the time of filing an application for a Facility Permit Amendment, a Facility Permit Amendment Fee shall be paid and an application for such amendment shall be submitted. The Facility Permit Amendment Fees for an application or group of applications are listed in Table VII and shall be based on the type of facility permit. Facility Permit Amendment Fees are in addition to the sum of applicable fees assessed for each application required for affected equipment as specified in subparagraph (c)(3)(C) (for administrative equipment applications) or Table FEE RATE-A (for non-administrative equipment applications) or Rule 306 (i)(1). All delinquent fees, court judgments in favor of the District and administrative civil penalties associated with the facility must be paid before a Facility Permit Amendment application will be accepted.

(5) Change of Operating Condition

At the time of filing an application for a Change of Operating Conditions that requires engineering evaluation or causes a change in emissions, a Change of Condition Fee shall be paid. Such fee shall be equal to the sum of fees assessed for each equipment subject to the change of condition as specified in Table FEE RATE-A. All delinquent fees associated with the affected facility subject to the change of condition must be paid before a Change of Operating Conditions application will be accepted.

(6) Fee for Change of Owner/Operator

The Permit Processing Fee for a Change of Owner/Operator of a RECLAIM facility permit shall be determined from Table FEE RATE-C. In addition, a Facility Permit Amendment fee as specified in paragraph (l)(4) shall be assessed. All fees, billed within the past 3 years from the date of application submittal that are, associated with the facility for equipment for which a Change of Owner/Operator or Additional Operator application is filed, and all facility-specific fees (such as "Hot Spots" fees), must be paid before a Change of Owner/Operator or Additional Operator application is accepted. If after an application is received and SCAQMD determines that fees are due, the new owner/operator shall pay such fees within 30 days of

notification. If the fees are paid timely the new operator will not be billed for any additional fees billed to the previous owner/operator.

- (7) Annual Operating Permit Renewal Fee
 - (A) Unless otherwise stated within this subdivision, the Facility Permit holder shall be subject to all terms and conditions pursuant to subdivision (d).
 - (B) An Annual Operating Permit Renewal Fee shall be submitted by the end of the compliance year. Such fee shall be equal to the sum of applicable permit renewal fees specified in paragraph (d)(2).
 - (C) At least thirty (30) days before the annual renewal date, the owner/operator of equipment under permit will be notified by mail, electronic mail, or other electronic means, of the amount to be paid and the due date. If such notice is not received at least thirty (30) days before the annual renewal date, the owner/operator of equipment under permit shall notify the District on or before the permit renewal date that said notice was not received. If the Annual Operating Permit Renewal fee is not paid within thirty (30) days after the due date, the permit will expire and no longer be valid. In such a case, the owner/operator will be notified by mail, electronic mail, or other electronic means, of the expiration and the consequences of operating equipment without a valid permit as required by District Rule 203 (Permit to Operate). For the purpose of this subparagraph, the fee payment will be considered to be received by the District if it is delivered, postmarked, or electronically paid on or before the expiration date stated on the billing notice. If the expiration date falls on a Saturday, Sunday, or a state holiday, the fee payment may be delivered, postmarked, or electronically paid on the next business day following the Saturday, Sunday, or state holiday as if it had been delivered, postmarked, or electronically paid on the expiration date.
- (8) Transaction Registration Fee
 - The transferor and transferee of an RTC shall jointly register the transaction with the District pursuant to District Rule 2007 Trading Requirements. The transferee shall pay a Transaction Registration Fee of \$189.75202.08 at the time the transaction is registered with the SCAQMD.
- (9) RECLAIM Pollutant Emission Fee
 At the end of the reporting period specified in subparagraph (e)(8)(A),
 RECLAIM facilities shall pay a RECLAIM Pollutant Emission Fee based
 on the facilities' total certified RECLAIM pollutant emissions. For

facilities emitting ten (10) tons per year or more of any contaminant the previous year, the Facility Permit holders shall pay a semi-annual installment equal to one half (1/2) of the total estimated fee with final balance due at the end of the reporting period.

- (A) The Facility Permit Holder shall pay emission fees according to the provisions of subdivision (e) for all emissions that are not accounted for with RECLAIM pollutant emissions. The Facility Permit holder shall add non-RECLAIM emissions to applicable RECLAIM emissions to determine the appropriate fee rate from Table III fee rate per ton of emissions.
- (B) Facility Permit Holders shall pay RECLAIM Pollutant Emission Fees according to the provisions of subdivision (e), except that:
 - (i) Fees based on emissions of RECLAIM pollutants as defined in Rule 2000(c)(58) for annual payments shall be calculated based on certified emissions as required by paragraph (b)(2) or (b)(4) of Rule 2004, as applicable;
 - (ii) RECLAIM Pollutant Emission Fees shall be due as established by subdivision (e) of this rule for both Cycle 1 and Cycle 2 Facilities;
 - (iii) Facilities emitting ten (10) tons per year or more of a RECLAIM pollutant during the previous annual reporting period, shall also pay a semi-annual installment based on either (a) one-half (1/2) of the facility's RECLAIM pollutant fees for the previous annual reporting period; or (b) emissions certified pursuant to paragraph (b)(2) and (b)(4) of Rule 2004 in the two (2) quarters falling in the time period that coincides with the first six (6) months of the current reporting period, by the deadline as established by subdivision (e) of this rule for both Cycle 1 and Cycle 2 Facilities.
 - (iv) A fee payment is considered late and subject to the late payment surcharge of paragraph (e)(10) if not received within sixty (60) days of the due date specified in this paragraph.
- (C) If the Executive Officer determines that the APEP emissions reported by a Facility Permit Holder are less than the amount calculated as specified in Rule 2004(b)(2) and (b)(4), the Facility

Permit Holder shall pay RECLAIM Pollutant Emission Fees on the difference between the APEP total as determined by the Executive Officer and the reported APEP total as specified in subparagraph (1)(9)(A).

(D) In the event that certified emissions determined pursuant to Rule 2004(b)(2) and (b)(4), for compliance year beginning January 1, 1995 and after, include emissions calculated using missing data procedures, and these procedures were triggered pursuant to Rule 2011(c)(3) or 2012(c)(3) solely by a failure to electronically report emissions for major sources due to a problem with transmitting the emission data to the District which was beyond the control of the Facility Permit holder, such portion of the emissions may be substituted by valid emission data monitored and recorded by a certified CEMS, for the purpose of RECLAIM pollutant emission fee determination only, provided that a petition is submitted to the Executive Officer with the appropriate processing fee by the Facility Permit holder. The petition must be made in writing and include all relevant data to clearly demonstrate that the valid emission data were recorded and monitored by a certified CEMS as required by Rules 2011 and 2012 and the only reason for missing data procedures being triggered was due to a problem with transmitting the emission data to the District which was beyond the control of the Facility Permit holder. In addition to the RECLAIM pollutant emission fee, the petitioner shall pay a minimum processing fee as shown in the following table in this subparagraph:

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 784.89 <u>835.90</u>	\$ 983.56 1,047.49

and an additional fee assessed at the applicable hourly rate, for time spent on evaluation in excess of 3 hours, as shown in the table below in this subparagraph:

Facility Type (After 3 hours)	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 201.30 214.38/hr	\$ 252.25 <u>268.64</u> /hr

(10) Breakdown Emission Report Evaluation Fee

The Facility Permit Holder, submitting a Breakdown Emission Report to seek exclusion of excess emissions from the annual allocations pursuant to Rule 2004 - Requirements, shall pay fees for the evaluation of a Breakdown Emission Report. The Facility Permit Holder shall pay a filing fee of one (1) hour based on the fee rates shown in the table below in this paragraph, at the time of filing of a Breakdown Emission Report, and shall be assessed an evaluation fee at the hourly rate shown in the same table.

Facility Type (After 3 hours)	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 201.30 214.38/hr	\$ 252.25 268.64/hr

(11) Breakdown Emission Fee

At the end of the time period from July 1 through June 30, the Facility Permit holder shall pay a Breakdown Emission Fee for excess emissions determined pursuant to District Rule 2004 - Requirements. The Facility Permit Holder shall include excess emissions to the total certified RECLAIM emissions to determine the appropriate RECLAIM Pollutant Emission Fee.

(12) Mitigation of Non-Tradeable Allocation Credits

Upon submitting a request to activate non-tradeable allocation credits pursuant to District Rule 2002(h), the RECLAIM Facility Permit Holder shall pay a mitigation fee per ton of credits requested as shown below:

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 13,433.24 14,306.4	\$ 16,833.12 <u>17,927.2</u>
1 1 201)-20 and increated	<u>0</u> /ton	<u>7</u> /ton

plus a non-refundable processing fee as shown below:

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 133.88 <u>142.58</u>	\$ 167.79 <u>178.69</u>

(13) Evaluation Fee to Increase an Annual Allocation to a Level Greater than a Facility's Starting Allocation Plus Non-Tradable Credits

The Facility Permit Holder submitting an application to increase an annual Allocation to a level greater than the facility's starting allocation plus non-tradable credits pursuant to Rule 2005 - New Source Review shall pay fees for the evaluation of the required demonstration specified in Rule 2005(c)(3). The Facility Permit Holder shall pay an evaluation fee at the applicable hourly rate as shown in the table below:

Facility Type (After 3 hours)	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 201.30 214.38/hr	\$ 252.25 268.64/hr

(14) Facility Permit Reissuance Fee for Facilities Exiting RECLAIM
A facility exiting the NOx RECLAIM program pursuant to Rule 2002(f)(8)
shall be assessed a Facility Permit Reissuance Fee for the conversion of its
RECLAIM Facility Permit to a Command-and-Control Facility Permit. The
conversion consists of removal of non-applicable RECLAIM provisions
and addition of requirements for applicable command-and-control rules.
The Facility Permit Reissuance Fee includes an initial flat fee, plus an
additional time and materials (T&M) charge where applicable. Both the
initial flat fee and T&M charge are tiered based on the number of permitted
RECLAIM NOx sources at the facility. Both the initial flat fee and T&M
charge are also differentiated based on a facility's Title V status.

The initial flat fee to transition from NOx RECLAIM Facility Permit to Command-and-Control Facility Permit per Rule 2002(f)(8) shall be paid at the time of filing and assessed according to the following fee schedule.

Number of Permitted RECLAIM NOx Sources	Non-Title V	Title V
Less than 10	\$2, 415.17 <u>572.15</u>	\$3, 419.32 <u>641.57</u>
Greater than or equal to 10 and less than 20	\$5, 032.68 <u>359.80</u>	\$ 6,838.66 <u>7,283.17</u>
20 or more	\$10, 065.39 719.64	\$ 13,677.32 <u>14,566.34</u>

An additional T&M charge shall be assessed for time spent on the permit conversion in excess of the number of hours and at the hourly rate specified in the following fee schedule and billed following permit reissuance.

	Non-Title V		Title V	
Number of Permitted RECLAIM NOx Sources	Begin Charging Hourly Rate After (hrs)	T&M Rate (\$/hr)	Begin Charging Hourly Rate After (hrs)	T&M Rate (\$/hr)
Less than 10	12	\$ 201.30 214.38	15	\$ 227.95 <u>242.76</u>
Greater than or equal to 10 and less than 20	25	\$ 201.30 <u>214.38</u>	30	\$ 227.95 <u>242.76</u>
20 or more	50	\$ 201.30 214.38	60	\$ 227.95 242.76

(15) Optional Conversion of Transitioned RECLAIM Facility Permit A Facility that has transitioned out of the RECLAIM program in accordance with paragraph (l)(14) and that elects to convert all permitted equipment described on the RECLAIM Facility Permit to equipment/process based Permits to Operate (pursuant to Regulation II) shall pay a fee equal to the Change of Condition fee specified in Table FEE RATE-A, in accordance

with the Schedule identified in Table IA or IB, for each equipment/process converted.

(m) Title V Facilities

(1) Applicability

The requirements of this subdivision apply only to facilities that are subject to the requirements of Regulation XXX - Title V Permits.

- (2) Rule 301 Applicability
 - All Title V facilities shall be subject to all other provisions of Rule 301 Permit Fees, except as provided for in this subdivision.
- (3) Permit Processing Fees for Facilities Applying for an Initial Title V Facility Permit
 - (A) The applicant shall pay the following initial fee when the application is submitted:

Title V INITIAL Fee				
Number of Devices	1-20	21-75	76-250	251+
Applications submitted on or after July 1, 2019	\$2, 522.81 <u>68</u> <u>6.79</u>	\$8, 073.83 <u>59</u> <u>8.62</u>	\$ 18,166.88 1 9,347.72	\$ 30,783.16 3 2,784.06

To determine the initial fee when the number of devices is not available, the applicant may substitute the number of active equipment. This fee will be adjusted when the Title V permit is issued and the correct number of devices are known.

(B) The applicant shall, upon notification by the District of the amount due when the permit is issued, pay the following final fee based on the time spent on the application:

Title V FINAL Fee						
Number of Devices	1-20	21-75	76-250	251+		
Time Spent in Excess of:	8 Hours	30 Hours	70 Hours	120 Hours		
On or after July 1, 2019	\$252.25268.64 per hour; up to a maximum total fee of \$30,796.1032,7 97.84	\$252.25268.64 per hour; up to a maximum total fee of \$61,592.1765,5 95.66	\$252.25268.64 per hour; up to a maximum total fee of \$157,665.30167 .913.54	\$252.25268.64 per hour; up to a maximum total fee of \$230,970.68245 .983.77		

For applicants that did not pay the correct initial fee based on the actual number of devices, the fee when the permit is issued shall be equal to the correct initial fee less the initial fee actually paid, plus the final fee.

Applications submitted on or prior to January 15, 1998 shall not be subject to the final fee.

- (C) If the facility requests revisions to the existing permit terms or conditions, including permit streamlining, an alternative operating scenario or a permit shield, the facility shall submit additional applications with the applicable fees in subdivisions (c) and (j) for each piece of equipment for which a revision is requested. Evaluation time spent on these additional applications shall be excluded from the time calculated for the billing for initial permit issuance in subparagraph (m)(3)(B).
- (D) If a new facility is required to obtain a Title V facility permit to construct, the facility shall submit initial Title V fees as specified in paragraph (m)(3). These fees are in addition to the sum of all the applicable fees in subdivisions (c) and (j) for all equipment at the facility.
- (E) If an existing facility is required to obtain a Title V facility permit because of a modification, the facility shall submit initial Title V fees as specified in paragraph (m)(3). These fees are in addition to

the sum of all the applicable fees in subdivisions (c) and (j) for all new and modified equipment at the facility.

(4) Permit Revision Fee

The permit processing fees for a Facility Permit Amendment or Revision shall be based on the Facility Permit type as specified in Table VII. Facility Permit Amendment or Revision includes any administrative permit revision or amendment, minor permit revision or amendment, de minimis significant permit revision or amendment, and any significant permit revision or amendment.

(5) Renewal Fees

The fees for renewal of a Title V Facility Permit, at the end of the term specified on the permit, are specified in Table VII. Renewal fees include both an initial processing fee that is due when the application is submitted, and a final fee assessed after SCAQMD evaluation is complete and the permit is issued, and is due upon notification by the SCAQMD of the amount due.

(6) Public Notice Fees

The holder of, or applicant for, a Title V permit shall either:

- (A) pay the actual cost as invoiced for publication of the notice by prominent advertisement in the newspaper of general circulation in the area affected where the facility is located and for the mailing of the notice to persons identified in Rule 212(g), or
- (B) arrange publication of the above notice independent of the District option. This notice must be by prominent advertisement in the newspaper of general circulation in the area affected where the facility is located.

Where publication is performed by the owner/operator or an independent consultant, the owner/operator of the source shall provide to the Executive Officer a copy of the proof of publication.

(7) Public Hearing Fees

The holder of, or applicant for, a Title V permit shall, upon notification by the District of the amount due, pay fees of \$5,049.61377.83 for FY 2019-20 and thereafter plus \$1,569.99672.03 for FY 2019-20 and thereafter per hour for a public hearing held on a permit action.

(8) Application Cancellation

If a Title V permit application is canceled, the applicant shall pay, upon notification of the amount due, a final fee in accordance with this

subdivision. The District shall refund the initial fee only if evaluation of the application has not been initiated.

(9) Notice of Amount Due and Effect of Nonpayment

For fees due upon notification, such notice may be given by personal service or sent by mail, electronic mail, or other electronic means, and shall be due thirty (30) days from the date of personal service, mailing, or electronic transmission. For the purpose of this paragraph, the fee payment will be considered to be received by the District if it is delivered, postmarked, or electronically paid on or before the expiration date stated on the billing notice. If the expiration date falls on a Saturday, Sunday, or a state holiday, the fee payment may be delivered, postmarked, or electronically paid on the next business day following the Saturday, Sunday, or the state holiday with the same effect as if it had been delivered, postmarked, or electronically paid on the expiration date. Nonpayment of the fee within this period of time will result in permit expiration or revocation of the subject permit(s) in accordance with subdivision (f) of Rule 3002. No further applications will be accepted from the applicant until such time as overdue permit processing fees have been fully paid.

(10) Exclusion Requests

The fees for requesting exclusion or exemption from the Title V program shall be calculated in accordance with Rule 306 – Plan Fees.

(n) All Facility Permit Holders

(1) Applicability

The requirements of this subdivision apply to all non-RECLAIM holders of a Facility Permit.

(2) Rule 301 Applicability

All non-RECLAIM Facility Permit holders or applicants shall be subject to all other provisions of Rule 301 - Permit Fees, except as provided for in this subdivision.

(3) Facility Permit Revision

Except as provided in paragraphs (m)(4) and (m)(5), the permit processing fee for an addition, alteration or revision to a Facility Permit that requires engineering evaluation or causes a change in emissions shall be the sum of applicable fees assessed for each affected equipment as specified in subdivisions (c) and (j). For a non-Title V facility, the facility permit revision fee shall be the applicable facility permit fee in Table VII.

(4) Change of Operating Condition

The permit processing fee for a Change of Operating Condition that requires engineering evaluation or causes a change in emissions shall be the sum of fees assessed for each equipment or process subject to the change of condition as specified in subdivisions (c) and (j).

(5) Fee for Change of Owner/Operator

The Permit Processing Fee for a Change of Owner/Operator of a facility permit shall be determined from Table FEE RATE-C. In addition, an administrative permit revision fee, as specified in Table VII, shall be assessed. All fees billed within the past 3 years from the date of application submittal that are associated with the facility for equipment for which a Change of Owner/Operator or Additional Operator application is filed, and all facility specific fees (such as "Hot Spots" fees), must be paid before the Change of Owner/Operator or Additional Operator application is accepted. If after an application is received, the SCAQMD determines that additional fees are due, the new owner/operator shall pay such fees within 30 days of notification. If the fees are paid timely, the new owner/operator will not be billed for any additional fees billed to the previous owner/operator.

- (6) Annual Operating Permit Renewal Fee
 - (A) Unless otherwise stated within this subdivision, the Facility Permit holder shall be subject to all terms and conditions pursuant to subdivision (d).
 - (B) An Annual Operating Permit Renewal Fee shall be submitted by the end of the compliance year. Such fee shall be equal to the sum of applicable annual operating permit renewal fees specified in paragraph (d)(2).
 - (C) At least thirty (30) days before the annual renewal date, the owner/operator of equipment under permit will be notified by mail, electronic mail, or other electronic means, of the amount to be paid and the due date. If such notice is not received at least thirty (30) days before the annual renewal date, the owner/operator of equipment under permit shall notify the District on or before the permit renewal date that said notice was not received. If the Annual Operating Permit Renewal Fee is not paid within thirty (30) days after the due date, the permit will expire and no longer be valid. In such a case, the owner/operator will be notified by mail, electronic mail, or other electronic means, of the expiration and the

consequences of operating equipment without a valid permit as required by District Rule 203 (Permit to Operate). For the purpose of this subparagraph, the fee payment will be considered to be received by the District if it is delivered, postmarked, or electronically paid on or before the expiration date stated on the billing notice. If the expiration date falls on a Saturday, Sunday, or a state holiday, the fee payment may be delivered, postmarked, or electronically paid on the next business day following the Saturday, Sunday, or state holiday as if it had been delivered, postmarked, or electronically paid on the expiration date.

(o) Asbestos Fees

Any person who is required by District Rule 1403 - Asbestos Emissions from Demolition/Renovation Activities to submit a written notice of intention to demolish or renovate shall pay at the time of delivery of notification, the Asbestos and Lead Fees specified in Table VI of this rule. Fees are per notification and multiple fees may apply. No notification shall be considered received pursuant to Rule 1403, unless it is accompanied by the required payment. Each revision of a notification shall require a payment of the Revision to Notification fee in Table VI. When a revision involves a change in project size, the person shall pay, in addition to the revision fee, the difference between the fee for the original project size and the revised project size according to Table VI. If the project size does not change for the revision, no additional fees based on project size shall be required. Revisions are not accepted for expired notifications.

For all requests of pre-approved Procedure 5 plans submitted in accordance with Rule 1403(d)(1)(D)(i)(V)(2), the person shall pay the full fee for the first evaluation and shall pay fifty percent (50%) of the applicable fee for each subsequent pre-approved Procedure 5 plan evaluation.

(p) Lead Abatement Notification Fees

A person who is required by a federal or District rule to submit written notice of intent to abate lead shall, at the time of delivery of notification, pay the appropriate renovation and abatement fee specified in Table VI of this rule. Fees are per notification and multiple fees may apply. No notification shall be considered received unless it is accompanied by the required payment. Each revision of a notification shall require a payment of the Revision to Notification fee in Table VI. When a revision involves a change in project size, the person shall pay, in addition

to the revision fee, the difference between the fee for the original project size and the revised project size according to Table VI. If the project size does not change for the revision, no additional fees based on project size shall be required. Revisions are not accepted for expired notifications.

(q) NESHAP Evaluation Fee

- (1) At the time of filing an application for a Change of Operating Conditions submitted solely to comply with the requirements of a NESHAP, a NESHAP Evaluation Fee shall be paid. The fee shall be \$376.56401.03. Additional fees shall be assessed at a rate of \$186.12198.21 per hour for time spent in the evaluation in excess of two (2) hours, to a maximum total fee not to exceed the applicable Change of Conditions Fees listed for each affected piece of equipment as specified in Table FEE RATE-A.
- (2) Payment of all applicable fees shall be due in thirty (30) days from the date of personal service, mailing, or electronic transmission of the notification of the amount due. Non-payment of the fees within this time period will result in expiration of the permit. For the purpose of this paragraph, the fee payment will be considered to be received by the District if it is delivered, postmarked, or electronically paid on or before the expiration date stated on the billing notice. If the expiration date falls on a Saturday, Sunday, or a state holiday, the fee payment may be delivered, postmarked, or electronically paid on the business day following the Saturday, Sunday, or the state holiday, with the same effect as if it had been delivered, postmarked, or electronically paid on the expiration date. No further applications will be accepted until such time as all overdue fees have been fully paid.

(r) Fees for Certification of Clean Air Solvents

At the time of filing for a Clean Air Solvent certificate, the applicant shall submit a fee of \$1,627.16732.92 for each product to be tested. Additional fees will be assessed at the rate of \$152.04161.92 per hour for time spent on the analysis/certification process in excess of 12 hours. Adjustments, including refunds or additional billings, shall be made to the submitted fee as necessary. A Clean Air Solvent Certificate shall be valid for five (5) years from the date of issuance and shall be renewed upon the determination of the Executive Officer that the product(s) containing a Clean Air Solvent continue(s) to meet Clean Air Solvent

criteria, and has not been reformulated. The renewal fee shall be \$145.43 per certificate.

(s) Fees for Certification of Consumer Cleaning Products Used at Institutional and Commercial Facilities

At the time of filing for certification of any Consumer Cleaning Products Used at Institutional and Commercial Facilities, the applicant shall submit a fee of \$1,627.16732.92 for each product to be tested, plus an additional fee of \$324.61345.71 for quantification of total nitrogen, total phosphorous, and trace metals by a contracting laboratory. Additional fees will be assessed at the rate of \$152.04161.92 per hour for time spent on the analysis/certification process in excess of 12 hours. Adjustments, including refunds or additional billings, shall be made to the submitted fee as necessary. A Consumer Cleaning Products Used at Institutional and Commercial Facilities Certificate shall be valid for three (3) years from the date of issuance and shall be renewed upon the determination of the Executive Officer that the product(s) certified as a Consumer Cleaning Products Used at Institutional and Commercial Facilities continue(s) to meet Consumer Cleaning Products Used at Institutional and Commercial Facilities criteria, and has not been reformulated. The renewal fee shall be \$145.43 per certificate.

(t) All Facility Registration Holders

- (1) Applicability The requirements of this subdivision apply to all holders of a Facility Registration.
- (2) Rule 301 Applicability Unless specifically stated otherwise, all Facility Registration holders shall be subject to all other provisions of Rule 301 - Permit Fees.
- (3) Fee Applicability to Existing Facilities

 Existing facilities entering the Facility Registration Program shall pay no
 fee if no changes are initiated by actions of the permittee to the existing
 permit terms or conditions or to the draft Facility Registration prepared by
 the District.
- (4) Duplicate of Facility Registrations

 A request for a duplicate of a Facility Registration shall be made in writing by the permittee. The permittee shall, at the time a written request is submitted, pay \$30.1932.15 for the first page and \$2.1124 for each additional page in the Facility Registration.

(5) Reissued Facility Registrations

A request for a reissued Facility Registration shall be made in writing by the permittee where there is a name or address change without a change of owner/operator or location, or for an administrative change in permit description or a change in permit conditions to reflect actual operating conditions, which do not require any engineering evaluation, and do not cause a change in emissions. The permittee shall, at the time a written request is submitted, pay \$233.86249.06 for the first equipment listed in the Facility Registration plus \$2.1124 for each additional equipment listed in the Facility Registration.

(u) Fees for Non-permitted Emission Sources Subject to Rule 222

(1) Initial Filing Fee

Prior to the operation of the equipment, the owner/operator of an emission source subject to Rule 222 shall pay to the District an initial non-refundable non-transferable filing and processing fee of \$227.19241.95 for each emission source.

(2) Change of Owner/Operator or Location

If the owner/operator or the location of an emission source subject to Rule 222 changes, the current owner/operator must file a new application for Rule 222 and pay to the District an initial non-refundable non-transferable filing and processing fee of \$227.19241.95 for each emission source.

(3) Annual Renewal Fee

On an annual re-filing date set by the Executive Officer the owner/operator of a source subject to Rule 222 shall pay a renewal fee of \$227.19241.95 (except for non-retrofitted boilers). At least thirty (30) days before such annual re-filing date, all owners/operators of emission sources subject to Rule 222 will be notified by mail, electronic mail, or other electronic means, of the amount to be paid and the due date for the annual re-filing fee.

(4) Notification of Expiration

If the annual re-filing fee is not paid within thirty (30) days after the due date, the filing will expire and no longer be valid. In such case, the owner/operator will be notified by mail, electronic mail, or other electronic means, of the expiration and the consequences of operating equipment without a valid Rule 222 filing.

(5) Reinstating Expired Filings

To re-establish expired filings, the owner/operator of a source subject to Rule 222 shall pay a reinstatement fee of fifty percent (50%) of the amount of fees due per emission source. Payment of all overdue fees shall be made in addition to the reinstatement surcharge. Payment of such fees shall be made within one year of the date of expiration. If the period of expiration has exceeded one year or the affected equipment has been altered, the owner/operator of an emission source subject to Rule 222 shall file a new application and pay all overdue fees.

(v) Fees for Expedited Processing Requests

An applicant has the option to request expedited processing for an application for a permit, CEQA work, an application for an ERC/STC, Air Dispersion Modeling, HRA, Source Test Protocols and Report Fees and Asbestos Procedure 4 & 5 notifications. A request for expedited processing pursuant to this section shall be made upon initial application submittal. Expedited processing is intended to be performed by District Staff strictly during overtime work. Approval of such a request is contingent upon the District having necessary procedures in place to implement an expedited processing program and having available qualified staff for overtime work to perform the processing requested. The applicant shall be notified whether or not the request for expedited processing has been accepted within 30 days of submittal of the request. If the request for expedited processing is not accepted by the District, the additional fee paid for expedited processing will be refunded to the applicant.

(1) Permit Processing Fee

Fees for requested expedited processing of permit applications will be an additional fee of fifty percent (50%) of the applicable base permit processing fee (after taking any discounts for identical equipment but not the higher fee for operating without a permit) by equipment schedule. For schedule F and higher as shown in the table below in this paragraph, expedited processing fees will include an additional hourly fee, as set forth in the applicable "Non-Title V Added Base Hourly Fee" or "Title V Added Base Hourly Fee" columns, when the processing time exceeds times as indicated in the "Processing Time Exceeding" column; but not to exceed the total amounts in the applicable "Non-Title V Maximum Added Base Cap Fee" or "Title V Maximum Added Base Cap Fee" columns.

Processing Time Exceeding	Schedule	Non-Title V Added Base Hourly Fee	Non-Title V Maximum Added Base Cap Fee	Title V Added Base Hourly Fee	Title V Maximum Added Base Cap Fee
99 hours	F	\$ 301.96 321. <u>58</u>	\$ 56,759.19 <u>60,</u> 448.53	\$372.11 <u>396</u> .30	\$ 71,124.63 <u>75</u> <u>,747.73</u>
117 hours	G	\$ 301.96 321. 58	\$ 97,241.84 <u>103</u> , <u>562.56</u>	\$ 372.11 <u>396</u> <u>.30</u>	\$ 121,853.22 1 29,773.67
182 hours	Н	\$ 301.96 321. <u>58</u>	\$ 123,642.77 <u>13</u> <u>1,679.55</u>	\$ 372.11 <u>396</u> <u>.30</u>	\$ 154,936.08 <u>1</u> 65,006.92

(2) CEQA Fee

Fees for requested expedited CEQA work will be an additional fee based upon actual review and work time billed at a rate for staff overtime which is equal to the staff's hourly rate of \$\frac{186.12}{198.21} plus \$\frac{96.52}{102.79} per hour (one half of hourly plus mileage). The established CEQA fees found in the provisions of Rule 301(j) shall be paid at the time of filing with the additional overtime costs billed following permit Notwithstanding other provisions of this section, fees are due at the time specified in the bill which will allow a reasonable time for payment. This proposal is contingent upon the ability of the District to implement the necessary policies and procedures and the availability of qualified staff for overtime work.

(3) CEMS, FSMS, and ACEMS Fee

Fees for requested expedited processing of CEMS, FSMS, and ACEMS applications will be an additional fee based upon actual review and work time billed at a rate for staff overtime which is equal to the staff's hourly rate of \$186.12198.21 plus \$96.52102.79 per hour (one half of hourly plus mileage). The established "Basic Fee" schedule found in the CEMS, FSMS, and ACEMS Fee Schedule in TABLE IIB shall be paid at the time of filing with the additional overtime costs billed following project completion. Notwithstanding other provisions of this section, fees are due at the time specified in the bill which will allow a reasonable time for payment. A request for expedited CEMS, FSMS, and ACEMS application work can only be made upon initial work submittal, and approval of such a request is contingent upon the ability of the District to implement the necessary

policies and procedures and the availability of qualified staff for overtime work.

(4) Air Dispersion Modeling and HRA Fees

Fees for requested expedited review and evaluation of air dispersion modeling and health risk assessments will be an additional fee based upon actual review and work time billed at a rate for staff overtime which is equal to the staff's hourly rate of \$155.86165.99 plus \$80.8486.09 per hour (one half of hourly plus mileage).

(5) ERC/STC Application Fees

Fees for requested expedited review and evaluation of ERC/STC application fees will be an additional fee based upon actual review and work time billed at a rate for staff overtime which is equal to the staff's hourly rate of \$186.12198.21 plus \$96.52102.79 per hour (one half of hourly plus mileage).

(6) Procedure 4 & 5 Evaluation

Fees for requested expedited reviews and evaluation of Procedure 4 or 5 plans per Rule 301(o) Asbestos Fees will be an additional fee of fifty percent (50%) of the Procedure 4 & 5 plan evaluation fee.

- (w) Enforcement Inspection Fees for Statewide Portable Equipment Registration Program (PERP)
 - (1) Registered Portable Equipment Unit Inspection Fee
 Registered portable equipment units are those which emit PM10 in excess
 of that emitted by an associated engine alone. An hourly fee of \$115.00 shall
 be assessed for a triennial portable equipment unit inspection, including the
 subsequent investigation and resolution of violations, if any, of applicable
 state and federal requirements, not to exceed \$590.00 per unit.
 - (2) Registered Tactical Support Equipment (TSE) Inspection Fee
 Registered TSE includes registered equipment using a portable engine,
 including turbines, that meet military specifications, owned by the U.S.
 Department of Defense, the U.S. military services, or its allies, and used in
 combat, combat support, combat service support, tactical or relief
 operations, or training for such operations.
 - (A) To determine compliance with all applicable state and federal requirements, each registered TSE unit will be inspected once per calendar year.

- (i) For registered TSE units determined to be in compliance with all applicable state and federal requirements during the annual inspection:
 - (a) A fee for the annual inspection of a single registered TSE unit shall be assessed at a unit cost of \$90.00.
 - (b) A fee for annual inspection of two or more registered TSE units at a single location shall be assessed at the lesser of the following costs:
 - (1) The actual time to conduct the inspection at the rate of \$115.00 per hour; or
 - (2) A unit cost of \$90.00 per registered TSE unit inspected.
- (ii) For registered TSE units determined to be out of compliance with one or more applicable state or federal requirements during the annual inspection, fees for the annual inspection (including the subsequent investigation and resolution of the violation) shall be assessed at the lesser of the following costs:
 - (1) The actual time to conduct the inspection at the rate of \$115.00 per hour; or
 - (2) A unit cost of \$90.00 per registered TSE unit inspected.
- (3) Off-hour Inspection Fee

In addition to the inspection fees stated above, any arranged inspections requested by the holder of the registration that are scheduled outside of District normal business hours may be assessed an additional off-hour inspection fee of \$60.00 per hour for the time necessary to complete the inspection.

(4) Notice to Pay and Late Payment Surcharge

A notice to pay the inspection fees will be sent by mail, electronic mail, or other electronic means, to the registration holder. Fees are due and payable immediately upon receipt of the notice to pay. Failure to pay the inspection fees within 120 days of the date of the initial notice to pay may result in the suspension or revocation of the registration by CARB. Once a registration has been suspended, CARB will not consider reinstatement until all fees due have been paid in full.

- (x) Notification Fees for Rules 1118.1, 1149, 1166, and 1466
 - (1) Any person who is required by the District to submit a written notice pursuant to Rules 1118.1, 1149, 1166, 1466, or for soil vapor extraction projects shall pay a notification fee of \$68.0772.49 per notification.
 - (2) Notifications pursuant to Rule 1466 paragraph (f)(2) shall be exempt from this subdivision.
- (y) Fees for the Certification of Equipment Subject to the Provisions of Rules 1111, 1121 and 1146.2
 - (1) Initial Certification Fee

 Any person requesting certification pursuant to Rules 1111, 1121 or 1146.2 shall pay a fee of \$627.55668.34 per certification letter for each family of model series certified. This fee shall be paid in addition to the fees paid to review any associated source test report(s).
 - (2) Additional Fees for Modification or Extension of Families to Include a New Model(s)
 Any person requesting a modification or extension of a certification already issued to include a new model(s) shall pay an additional fee of \$313.79334.18 for certification of new models added by extension to the previously certified model series per request.
 - (3) Failure to pay all certification fees shall result in the revocation of each certified piece of equipment that was evaluated for which fee payment has not been received within 30 days after the due date.
- (z) "No Show" Fee for Rule 461 Gasoline Dispensing Equipment Scheduled Testing
 - If a testing company and/or tester does not show for a Reverification test, or Performance test within one hour of its original scheduled time, and an SCAQMD inspector arrives for the inspection, a "No Show" fee of \$461.43491.42 shall be charged to the testing company and/or tester. The fee shall be paid within 60 days of the date of the invoice. If the fee is not paid, the account will become delinquent 30 days after the due date. Any delinquent account holder will not be allowed to schedule any future tests within SCAQMD jurisdiction until all overdue fees are paid in full.
 - (2) Pre-Backfill Inspection

 If a contracting company is not ready for a Pre-Backfill inspection of its equipment at the original scheduled time, and/or did not notify the

SCAQMD inspector of postponement/cancellation at least three hours prior to the scheduled time, a "No Show" fee of \$461.43491.42 shall be charged to the contracting company. The fee shall be paid within 60 days of the date of the invoice. If the fee is not paid, the account will become delinquent 30 days after the due date. Any delinquent account holder will not be allowed to schedule any future pre-backfill inspections within SCAQMD jurisdiction until all overdue fees are paid in full.

- (aa) Refinery Related Community Air Monitoring System Annual Operating and Maintenance Fees
 - (1) The owner or operator of a petroleum refinery subject to Rule 1180 shall pay an annual operating and maintenance fee for a refinery-related community air monitoring system designed, developed, installed, operated, and maintained by SCAQMD in accordance with California Health and Safety Code Section 42705.6.
 - (2) The annual operating and maintenance fee per facility required by paragraph (aa)(1) shall be as follows:

Facility Name* and	FY 22-23	FY 23-24	FY 24-25 (and thereafter)
Location	Annual Operating and Maintenance Fee	Annual Operating and Maintenance Fee	Annual Operating and Maintenance Fee
Andeavor Corporation (Carson)	\$917,253.56 \$871,086.00	\$936,417.46	\$954,710.26
Andeavor Corporation (Wilmington)	\$458,626.78 \$435,543.00	\$468,208.73	<u>\$477,355.13</u>
Chevron U.S.A, Inc. (El Segundo)	\$917,253.56 \$871,086.00	<u>\$936,417.46</u>	<u>\$954,710.26</u>
Phillips 66 Company (Carson)	\$458,626.78 \$435,543.00	<u>\$468,208.73</u>	<u>\$477,355.13</u>
Phillips 66 Company (Wilmington)	\$458,626.78 \$435,543.00	<u>\$468,208.73</u>	<u>\$477,355.13</u>

PBF Energy, Torrance Refining Company (Torrance)	\$917,253.56 \$871,086.00	<u>\$936,417.46</u>	<u>\$954,710.26</u>
Valero Energy (Wilmington)	\$458,626.78 \$435,543.00	<u>\$468,208.73</u>	<u>\$477,355.13</u>

^{*}Based on the current facility names. Any subsequent owner(s) or operator(s) of the above listed facilities shall be subject to this rule.

- (3) The annual operating and maintenance fee required by this subdivision shall be billed with the annual operating permit renewal fee required by subdivision (d) beginning in calendar year 2020. If the annual operating and maintenance fee required by this subdivision is not paid in full within sixty (60) calendar days of its due date, a ten-percent (10%) penalty shall be imposed every sixty (60) calendar days from the due date.
- (4) No later than January 1, 2022 and every three years thereafter, the Executive Officer shall reassess the annual operating and maintenance fee required by this subdivision to ensure that the fee is consistent with the requirements of the California Health and Safety Code Section 42705.6 (f)(1) and (f)(2).

(ab) Defense of Permit

Within 10 days of receiving a complaint or other legal process initiating a challenge to the SCAQMD's issuance of a permit, the SCAQMD shall notify the applicant or permit holder in writing. The applicant or permit holder may, within 30 days of posting of the notice, request revocation of the permit or cancellation of the application. An applicant or permit holder not requesting revocation or cancellation within 30 days of receipt of notice from the District shall be responsible for reimbursement to the District for all reasonable and necessary costs to defend the issuance of a permit or permit provisions against a legal challenge, including attorney's fees and legal costs. The Executive Officer will invoice the applicant or permit holder for fees and legal costs at the conclusion of the legal challenge. The SCAQMD and the applicant or permit holder will negotiate an indemnity agreement within 30 days of the notice by SCAQMD to the applicant or permit holder. The agreement will include, among other things, attorneys' fees and legal

costs. The Executive Officer or designee may execute an indemnity agreement only after receiving authorization from the Administrative Committee. The Executive Officer may in his discretion, waive all or any part of such costs upon a determination that payment for such costs would impose an unreasonable hardship upon the applicant or permit holder.

(ac) Monitoring and Sampling Fees Related to Metal TAC Monitoring Facilities

- (1) This fee is applicable to all facilities that elect to have the South Coast AQMD conduct Monitoring and Sampling. The fees include monitoring equipment, material, labor, sample retrieval, sample analysis, construction and other associated fees. An owner or operator shall be responsible for the fees for Monitoring and Sampling from the date specified in the Alternative or Reduced Alternative Monitoring and Sampling Plan. South Coast AQMD typically deploys two field staff members to perform field work due to potential hazards encountered in the field. During the review of an Alternative Monitoring and Sampling or Reduced Alternative Monitoring and Sampling Plan, the Executive Officer will evaluate and determine if it is appropriate to have only one field staff member to conduct Monitoring and Sampling at the Metal TAC Monitoring Facility. A Metal TAC Monitoring Facility would be notified of the Executive Officer's decision at the time of approval of the Alternative or Reduced Alternative Monitoring and Sampling Plan. The Executive Officer's decision on the number of field staff members needed will be based on the following factors:
 - Height of the monitor
 - Use of a ladder
 - Sampling schedule
 - Access to the facility
 - Safety concerns
- (2) The owner or operator of a Metal TAC Monitoring Facility, as defined in Rule 1480 subdivision (c), that elects to have the Executive Officer conduct Monitoring and Sampling pursuant to Rule 1480(g)(1) shall pay the operating and maintenance fees based on the sampling frequency, number of monitors, location of monitors, and type of monitors as specified in the

- most recently approved Alternative or Reduced Alternative Monitoring and Sampling Plan.
- (3) The monthly Monitoring and Sampling fee per facility required by paragraph (ac)(1) shall be as follows:

Alternative or Reduced Alternative Monitoring and Sampling Plan Monthly Monitoring Fees

		Sampling Frequency			
	Number and Type of Monitor	1 in 3 Days		<u>1 in 6 Days</u>	
		2 Staff	1 Staff	2 Staff	1 Staff
	1 - Metal TAC Monitor - Hexavalent Chromium	\$10,000	<u>\$6,500</u>	\$5,000	\$3,500
	1 - Metal TAC Monitor – Non- Hexavalent Chromium	\$5,500	\$3,500	\$3,000	\$2,000
Base	1 - Metal TAC Monitor –Hexavalent Chromium & 1 - Metal TAC Monitor – Non- Hexavalent Chromium	\$13,000	\$8,500	\$6,500	\$4,500
A 1100 1	1- Metal TAC Monitor - Hexavalent Chromium	\$4,000	\$3,500	\$2,500	\$2,000
Additional	1- Metal TAC Monitor – Non-Hexavalent Chromium	\$2,500	\$2,000	\$1,500	\$1,000
<u>Other</u>	1 – Wind Monitor	<u>\$500</u>	<u>\$500</u>	<u>\$500</u>	<u>\$500</u>

- (4) The fees for a wind monitor are \$500 per month, if the owner or operator of a Metal TAC Monitoring Facility elects to have the South Coast AQMD collect wind speed and direction data to meet the requirements of Rule 1480(f)(8).
- (5) If the Executive Officer contracts Monitoring and Sampling, as defined in Rule 1480 subdivision (c), with a third-party contractor, the fees would be specified by the third-party contractor.
- (6) The number, type, and location of the monitors is specified in the initial Rule 1480 Alternative Monitoring and Sampling Plan and maintained in the

- most recently approved Rule 1480 Alternative or Reduced Alternative Monitoring and Sampling Plan.
- (7) The operating and maintenance fees shall be billed on a monthly basis with payments due on or before the end of the month for which Monitoring and Sampling is required under Rule 1480 and include any other unpaid operating and maintenance fees. If the operating and maintenance fee is not paid in full within 60 calendar days of its due date, a 10 percent surcharge shall be imposed.
- (8) If Monitoring and Sampling pursuant to Rule 1480 is no longer required by the Executive Officer or if the sampling frequency is modified in the middle of a month, an owner or operator shall pay fees at a prorated amount.
- (9) If the number and/or type of monitors is modified in the middle of a month, an owner or operator shall pay fees at a prorated amount.

(ad) Severability

If any provision of this rule is held by judicial order to be invalid, or invalid or inapplicable to any person or circumstance, such order shall not affect the validity of the remainder of this rule, or the validity or applicability of such provision to other persons or circumstances. In the event any of the exceptions to this rule are held by judicial order to be invalid, the persons or circumstances covered by the exception shall instead be required to comply with the remainder of this rule.

TABLE FEE RATE-A. FY 2019-20 and thereafter SUMMARY PERMIT FEE RATES - PERMIT PROCESSING, CHANGE OF CONDITIONS, ALTERATION/MODIFICATION

le		Non-Title V			Title V	
Schedule	Permit Processing	Change of Condition	Alteration/ Modification	Permit Processing	Change of Condition	Alteration/ Modification
A	\$ 1,932.34 2.0	\$1, 006.52 <u>07</u>	\$ 1,932.34 2.0	\$2, 421.40 <u>57</u>	\$1, 261.26 <u>34</u>	\$2, 421.40 <u>578.</u>
	57.94	<u>1.94</u>	57.94	<u>8.79</u>	<u>3.24</u>	<u>79</u>
A1	\$ 1,932.34 2.0	\$1, 006.52 <u>07</u>	\$ 1,932.34 2.0	\$2, 421.40 <u>57</u>	\$1, 261.26 34	\$2, 421.40 <u>578.</u>
	57.94	<u>1.94</u>	57.94	<u>8.79</u>	3.24	<u>79</u>
В	\$3, 079.71 27	\$1, 525.65 <u>62</u>	\$3, 079.71 27	\$3,859.15 <u>4,1</u>	\$ 1,911.79 2,0	\$ 3,859.15 <u>4,10</u>
	9.89	4.81	9.89	09.99	36.05	<u>9.99</u>
В1	\$4,871.21 <u>5,1</u>	\$2, 640.41 <u>81</u>	\$4,871.21 <u>5,1</u>	\$6, 104.08 <u>50</u>	\$3, 308.69 <u>52</u>	\$6, 104.08 <u>500.</u>
	87.83	2.03	87.83	<u>0.84</u>	3.75	<u>84</u>
С	\$4,871.215,1	\$2, 640.41 <u>81</u>	\$4,871.21 <u>5,1</u>	\$6, 104.08 <u>50</u>	\$3, 308.69 <u>52</u>	\$6, 104.08 <u>500.</u>
	87.83	2.03	87.83	<u>0.84</u>	<u>3.75</u>	<u>84</u>
D	\$ 6,723 <u>7,160</u> .	\$4, 515.82 <u>80</u>	\$ 6,723 <u>7,160</u> .	\$8, 424.68 97	\$ 5,658.77 <u>6,0</u>	\$8, 424.68 <u>972.</u>
	08	9.34	08	2.28	26.59	<u>28</u>
Е	\$ 7,729.52 8,2	\$ 6,630.34 7,0	\$ 7,729.52 <u>8,2</u>	\$ 9,685.81 10,	\$8, 308.45 <u>84</u>	\$ 9,685.81 10,3
	31.93	61.31	31.93	315.38	<u>8.49</u>	15.38
F	\$ 19,424.74 2	\$ 9,679.86 10,	\$ 15,398.62 <u>1</u>	\$ 24,341.04 2	\$12, 129.79 9	\$ 19,295.93 <u>20,</u>
	0,687.34	309.05+	6,399.53+	5,923.20+	<u>18.22</u> +	<u>550.16</u> +
	T&M	T&M	T&M	T&M	T&M	T&M
G	\$ 22,927.23 2	\$ 16,426.10 1	\$ 18,901.09 2	\$28,729.98 <u>3</u>	\$ 20,583.46 2	\$ 23,684.83 <u>25,</u>
	4,417.50+	<u>7,493.79</u> +	0,129.66+	0,597.42+	1,921.38+	<u>224.34</u> +
	T&M	T&M	T&M	T&M	T&M	T&M
Н	\$35,527.91 <u>3</u>	\$ 20,826.94 2	\$ 31,501.77 <u>3</u>	\$44,519.82 <u>4</u>	\$ 26,100.43 2	\$ 39,474.69 <u>42,</u>
	7,837.22+	2,180.69+	<u>3,549.38</u> +	7,413.60+	<u>7,796.95</u> +	<u>040.54</u> +
	T&M	T&M	T&M	T&M	T&M	T&M

Schedule	Begin Charging Hourly Rate After (hrs)	Non-Title V T& M Rate (\$/hr)	Non-Title V Not to Exceed (\$)	Title V T& M Rate (\$/hr)	Title V Not to Exceed (\$)
F	99	\$ 201.30 214.38	\$ 37,839.46 40,299.02	\$ 252.25 <u>268.64</u>	\$ 47,416.44 <u>50,498.50</u>
G	117	\$ 201.30 214.38	\$ 64,827.86 <u>69,041.67</u>	\$ 252.25 <u>268.64</u>	\$ 81,235.44 <u>86,515.74</u>
Н	182	\$ 201.30 214.38	\$ 82,428.51 <u>87,786.36</u>	\$ 252.25 <u>268.64</u>	\$ 103,290.69 <u>110,004.58</u>

TABLE FEE RATE-B. SUMMARY OF ERC PROCESSING RATES, BANKING, CHANGE OF TITLE, ALTERATION/MODIFICATION, CONVERSION TO SHORT TERM CREDITS, RE-ISSUANCE OF SHORT TERM CREDITS, RETIREMENT OF SHORT TERM CREDITS FOR TRANSFER INTO RULE 2202, and TRANSFER OF ERCs OUT OF RULE 2202

		Title V	
Schedule I	Non-Title V	FY 2019-20 and thereafter	
Banking Application	\$4,986.22 <u>5,3</u> 10.32	\$6, 248.21 <u>654.34</u>	
Change of Title	\$ 880.80 938. <u>05</u>	\$1, 103.72 <u>175.46</u>	
Alteration/Modification	\$ 880.80 938. <u>05</u>	\$1, 103.72 <u>175.46</u>	
Conversion to Short Term Credits	\$ 880.80 938. <u>05</u>	\$1, 103.72 <u>175.46</u>	
Re-Issuance of Short Term Credits	\$ 880.80 938. <u>05</u>	\$1, 103.72 <u>175.46</u>	
Retirement of Short Term Emission Credits for Transfer into Rule 2202 and Transfer of ERCs Out of Rule 2202	\$ 296.22 315. <u>47</u>	\$ 371.20 395.32	

TABLE FEE RATE-C. SUMMARY OF PERMIT FEE RATES CHANGE OF OWNER/OPERATOR^a

Facility Type	Non-Title V	Title V
Small Business	\$ 268.37 285.81	\$ 336.28 358.13 for FY 2019- 20 and thereafter
Non-Small Business	\$ 737.03 <u>784.93</u>	\$ 923.56 983.59 for FY 2019- 20 and thereafter

^a Fees are for each permit unit application and apply to all facilities, including RECLAIM facilities. The change of owner/operator fee for Non-RECLAIM Title V facilities shall not exceed \$11,487.0612,233.71 for FY 2019-20 and thereafter per facility and for all other Non-RECLAIM facilities shall not exceed \$18,333.9319,525.63 per facility. The change of owner/operator fee for RECLAIM facilities shall not exceed \$52,273.8055,671.59.

TABLE IA - PERMIT FEE RATE SCHEDULES FOR CONTROL EQUIPMENT

Equipment/Process	Schedule
Abatement System/HEPA, Asbestos, Lead	В
Activated Carbon Adsorber, Venting Single Source (s.s.=single source)	В
Activated Carbon Adsorber, Venting Multiple Source (m.s.=multiple sources)	С
Activated Carbon Adsorber, Other	D
Activated Carbon Adsorber, Drum Venting Toxic Source (t.s. = toxic source)	С
Activated Carbon Adsorber, with regeneration	Е
Afterburner (<= 1 MMBTU/hr, venting s.s.)	В
Afterburner (<= 1 MMBTU/hr,venting m.s.)	С
Afterburner, Catalytic for Bakery Oven	С
Afterburner, Direct Flame	D
Afterburner/Oxidizer: Regenerative Ceramic/Hot Rock Bed Type, Recuperative Thermal	D
Afterburner/Oxidizer, Catalytic	D
Air Filter, Custom	С
Amine (or DEA) Regeneration Unit ¹	D
Amine Treating Unit ¹	D
Baghouse, Ambient (<= 100 FT ²)	A
Baghouse, Ambient (> 100 - 500 FT ²)	В
Baghouse, Ambient (> 500 FT ²)	С
Baghouse, Hot (> 350 F)	D
Biofilter (<= 100 cfm)	В
Biofilter (> 100 cfm)	С
Boiler as Afterburner	D
CO Boiler	F
Condenser	С
Control Systems, two in series	С
Control Systems, three in series	D
Control Systems, four or more in series	Е
Control Systems, Venting Plasma Arc Cutters	B1
Cyclone	В
Dry Filter (<= 100 FT ²)	A
Dry Filter (> 100 - 500 FT ²)	В

Equipment/Process	Schedule
Dry Filter (> 500 FT ²)	С
Dust Collector/HEPA, other Rule 1401 toxics	С
Electrostatic Precipitator, Restaurant	В
Electrostatic Precipitator, Asphalt Batch Equipment	С
Electrostatic Precipitator, Extruder	В
Electrostatic Precipitator, < 3000 CFM	В
Electrostatic Precipitator, => 3000 CFM	D
Electrostatic Precipitator for Fluid Catalytic Cracking Unit (FCCU)	Н
Ethylene Oxide Sterilization, Control, Hospital	В
Flare, Landfill/Digester Gas, Enclosed	Е
Flare, Landfill/Digester Gas, Open	С
Flare, Portable	В
Flare System, Refinery ²	F
Flare Other	С
Flue Gas Desulfurization ¹	D
Gas Absorption Unit ³	D
Gas Scrubbing System ¹	F
Incinerator, Afterburner	D
Mesh pads, for toxics gas stream	С
Mesh pads, for other acid mists	В
Mist Control	В
Mist Eliminator with HEPA	С
Negative Air Machine/HEPA, Asbestos, Lead	A
Non-Selective Catalytic Reduction	В
Odor Control Unit	D
Relief and Blowdown System ⁴	D
Scrubber, Biofiltration	С
Scrubber Controlling NO _X venting	D
Scrubber Controlling SO _X venting	D
Scrubber Controlling HCL or NH ₃ venting s.s.	В
Scrubber Controlling HCL or NH ₃ venting m.s.	С
Scrubber, NOx, multistage	D
Scrubber, NOx, single stage	С
Scrubber, Odor, < 5000 cfm	С

TABLE IA - PERMIT FEE RATE SCHEDULES FOR CONTROL EQUIPMENT

Equipment/Process	Schedule
Scrubber, Other venting s.s.	В
Scrubber, Other venting m.s.	C
Scrubber, Other Chemical venting s.s.	В
Scrubber, Other Chemical venting m.s.	D
Scrubber, Particulates venting s.s.	В
Scrubber, Particulates venting m.s.	C
Scrubber, Particulates venting t.s.	D
Scrubber, Restaurant	В
Scrubber, Toxics venting	D
Scrubber, Venturi venting s.s.	В
Scrubber, Venturi venting m.s.	С
Scrubber, Venturi venting t.s.	С
Scrubber, Water (no packing)	В
Selective Catalytic Reduction (SCR)	С
Settling Chamber	В
Ship Hold Hatch Cover	A
Slop Oil Recovery System	D
Sour Water Oxidizer Unit ⁵	D
Sour Water Stripper ⁶	D
Sparger	В
Spent Acid Storage & Treating Facility ⁷	Е
Spent Carbon Regeneration System	D
Spent Caustic Separation System ⁸	D
Spray Booth/Enclosure, Other	В
Spray Booth/Enclosure, Powder Coating System with single or multiple APC for particulates	В

Equipment/Process	Schedule
Spray Booth, HEPA/ULPA Controlling Rule 1401 Toxic Air Contaminants	<u>C</u>
Spray Booth, Metallizing	С
Spray Booth with Carbon Adsorber (non-regenerative)	С
Spray Booths (multiple) with Carbon Adsorber (non- regenerative)	D
Spray Booth(s) with Carbon Adsorber (regenerative)	Е
Spray Booth(s) (1 to 5) with Afterburner/Oxidizer (Regenerative/Recuperative)	D
Spray Booths (>5) with Afterburner/Oxidizer (Regenerative/Recuperative)	Е
Spray Booth, Automotive, with Multiple VOC Control Equipment	С
Spray Booth with Multiple VOC Control	D
Spray Booths (multiple) with Multiple VOC Control Equipment	Е
Storm Water Handling & Treating System ⁹	Е
Sulfur Recovery Equipment ⁷	Н
Tail Gas Incineration	D
Tail Gas Unit ¹⁰	Н
Storage Tank, Degassing Unit	D
Ultraviolet Oxidation	D
Vapor Balance System ¹¹	В
Vapor Recovery, Serving Crude Oil Production ¹¹	D
Vapor Recovery, Serving Refinery Unit ¹¹	Е
Waste Gas Incineration Unit	Е

¹ Including, but not limited to, all or part of the following: Accumulators, Columns, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels

² Including, but not limited to, all or part of the following: Flare, Compressors, Drums, Knock Out Pots, Pots, Vessels

³ Including, but not limited to, all or part of the following: Accumulators, Columns, Condensers, Drums, Heat Exchangers, Knock

Out Pots, Pots, Pumps, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels

⁴ Including, but not limited to, all or part of the following: Compressors, Drums, Knock Out Pots, Pots

⁵ Including, but not limited to, all or part of the following: Accumulators, Columns, Drums, Knock Out Pots, Tanks, Vessels

⁶ Including, but not limited to, all or part of the following: Condensers, Coolers, Drums, Sumps, Vessels

TABLE IA - PERMIT FEE RATE SCHEDULES FOR CONTROL EQUIPMENT

- ⁷ Including, but not limited to, all or part of the following: Accumulators, Clarifier, Columns, Compressors, Condensers, Drums, Filters, Filter Presses, Heat Exchangers, Knock Out Pots, Pits, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, towers, Vessels
- 8 Including, but not limited to, all or part of the following: Process Tanks, Separators, Tanks
- ⁹ Including, but not limited to, all or part of the following: Air Floatation Units, Floatation

- Units, Filter Presses, Clarifiers, Settling Tanks, Waste Water Separators, Tanks
- ¹⁰Including, but not limited to, all or part of the following: Absorbers, Condensers, Coolers, Drums, Heat Exchangers, Knock Out Pots, Reactors, Tanks, Vessels
- ¹¹Including, but not limited to, all or part of the following: Absorbers, Compressors, Condensers, Knock Out Pots, Pumps, Saturators

TABLE IB - PERMIT FEE RATE SCHEDULES FOR BASIC EQUIPMENT

Equipment/Process	Schedule
Abatement System, Asbestos, Lead	В
Abrasive Blasting (Cabinet, Mach., Room)	В
Abrasive Blasting (Open)	A
Absorption Chillers, Gas-Fired, < 5 MM Btu/hr	В
Absorption Chillers, Gas-Fired, => 5 MM Btu/hr	С
Acetylene Purification System Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	С
Acid Treating Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Adhesives Organic Additions Including, but not limited to, all or part of the following: Reactors, Mixers, Process Tanks, Vessels	С
Adsorption Chillers, Gas-Fired, < 5 MM Btu/hr	В
Adsorption Chillers, Gas-Fired, => 5 MM Btu/hr	С
Adsorption, Other	В
Aeration Potable Water	C
Aggregate, Tank Truck Loading/Conveying Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Feeders, Hoppers, Weigh Stations	В
Aggregate Production, with Dryer Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Dryers, Feeders, Hoppers, Crushers, Cyclones, Log Washers, Mixers, Screens, Vibrating Grizzlies, Weigh Stations	E

Equipment/Process	Schedule
Aggregate Production/Crushing (<	Schodule
5000 tpd) Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Feeders, Hoppers, Crushers, Cyclones, Log Washers, Mixers, Screens, Vibrating Grizzlies, Weigh Stations	С
Aggregate Production/Crushing (=> 5000 tpd) Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Feeders, Hoppers, Crushers, Cyclones, Log Washers, Mixers, Screens, Vibrating Grizzlies, Weigh Stations	D
Aggregate Screening Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Feeders, Hoppers, Cyclones, Screens, Weigh Stations	С
Air Strippers	С
Aircraft Fueling Facility Including, but not limited to, all or part of the following: Storage Tanks, Dispensing Nozzles	D
Alkylation Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Ammonia Mfg. Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Coolers, Drums, Ejectors, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	С
Ammonia Vaporization Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Coolers, Drums, Ejectors, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	C

Equipment/Process	Schedule
Animal Feed Processing, Conveying Including, but not limited to, all or part of the following: Conveyors, Bins, Hoppers, Bucket Elevators	В
Animal Feed Processing, Other Including, but not limited to, all or part of the following: Conveyors, Bins, Hoppers, Bucket Elevators, Mixers, Feeders, Grinders	С
Anodizing (sulfuric, phosphoric)	В
Aqueous Ammonia Transfer & Storage	С
Aromatics Recovery Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Asphalt Air Blowing	В
Asphalt Blending/Batching Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Cyclones, Dryers, Feeders, Hoppers, Knock Out Pots, Mixers, Screens, Tanks, Weigh Stations	E
Asphalt Coating	С
Asphalt Day Tanker/Tar Pot	A
Asphalt Refining Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Asphalt Roofing Line Including, but not limited to, all or part of the following: Pumps, Conveyors, Process Tanks, Coater Operations, Cutters	C
Asphalt Roofing Saturator	D
Asphalt-Rubber Spraying	В
Auto Body Shredding	С
Autoclave, Non-sterilizing Type	В

Equipment/Process	Schedule
Battery Charging/Manufacturing Including, but not limited to, all or part of the following: Cutters, Crushers, Separators, Process Tanks, Conveyors	С
Benzene/Toluene/Xylene Production Equip. Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Beryllium Machining and Control Including, but not limited to, all or part of the following: Machining Operations, Filters, Baghouses,	С
Bleach Manufacturing Including, but not limited to, all or part of the following: Accumulators, Columns, Com-pressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Tanks, Towers, Vessels	В
Blending, Other	В
Boiler/hot water heater, various locations, diesel/oil fired (< 300,000 BTU/hr)	A
Boiler/hot water heater, single facility, portable, diesel/oil fired (< 600,000 BTU/hr)	A
Boiler, Landfill/Digester Gas (< 5 MMBTU/hr)	В
Boiler, Landfill/Digester Gas (5 to 20 MMBTU/hr)	С
Boiler, Landfill/Digester Gas (> 20 to 50 MMBTU/hr)	D
Boiler, Landfill/Digester Gas (>50MMBTU/hr)	F
Boiler, Natural gas-fired, 5 – 20 MM BTU/hr	С
Boiler, Other Fuel (< 5MMBTU/hr)	В
Boiler, Other Fuel (5 - 20 MMBTU/hr)	С
Boiler, Other Fuel (> 20 - 50 MMBTU/hr)	D
Boiler, Other Fuel (> 50 MMBTU/hr)	Е
Boiler, Utility (> 50 MW)	Н
Brake Shoes, Grinding, Bonding and Debonding, Deriveter	В
Bulk Chemical Terminal	В

Equipment/Process	Schedule
Bulk Loading/Unloading Stn (< 50,000 GPD)	В
Bulk Loading/Unloading Rack (50,000 - 200,000 GPD)	D
Bulk Loading/Unloading Rack (> 200,000 GPD)	Е
Bulk Loading/Unloading	С
Carbon Dioxide Production Facility Including, but not limited to, all or part of the following: Separator, Knockout Pot, Scrubber, Chiller, Pumps, Blowers, Oil Separator, Compressor, Intercoolers, Filters, Cooling Tower	F
Carpet Processing System Including, but not limited to, all or part of the following: Process Tanks, Dryers, Carpet Beaters, Carpet Shears	D
Catalyst Handling System Including, but not limited to, all or part of the following: Centrifuge, Bins, Conveyors, Hoppers, Cyclones, Screens, Tanks, Weigh Stations	С
Catalyst Mfg./Calcining Including, but not limited to, all or part of the following: Bins, Conveyors, Reactors, Mixers, Process Tanks, Kilns	D
Catalyst Storage (Hoppers)	C
Catalytic Reforming Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Caustic Treating Unit Including, but not limited to, all or part of the following: Knock Out Pots, Tanks, Towers, Vessels	Е
Cement Marine Loading & Unloading Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Hoppers, Loading & Unloading Arms, Weigh Stations	E
Cement Packaging Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Hoppers, Weigh Stations	С
Cement Truck Loading	С

Equipment/Process	Schedule
Charbroiler, Eating Establishment	A
Charbroiler with Integrated Control	В
Charbroiler, Food Manufacturing	С
Chemical Additive Injection System Including, but not limited to, all or part of the following: Injectors, Compressors, Pumps	С
Chip Dryer	D
Chippers, Greenwaste, not including I.C. Engine	A
Circuit Board Etchers	В
Cleaning, Miscellaneous	В
Coal Bulk Loading Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Hoppers, Loading Arms, Weigh Stations	E
Coal Research Pilot / Equip (0-15 MMBTU/hr)	С
Coal Research Pilot / Equip (> 15 MMBTU/hr)	D
Coal Tar Treating Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	С
Coating & Drying Equipment, Continuous Organic, Web Type Including, but not limited to, all or part of the following: Coater Operations, Process Tanks, Dryers	С
Coffee Roaster < 50 lbs capacity with integrated afterburner	В
Coffee Roasting, (11-49 lb roaster capacity Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Hoppers, Roasters, Coolers	A
Coffee Roasting, 50-99 lb roaster capacity Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Hoppers, Roasters, Coolers	В

Equipment/Process	Schedule
Coffee Roasting, 100 lb or more roaster capacity Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Hoppers, Roasters, Coolers	С
Coke Handling & Storage Facility Including, but not limited to, al or part of the following: Centrifuge, Bins, Conveyors, Clarifier, Hoppers, Cyclones, Screens, Tanks, Weigh Stations	E
Composting, in vessel Including, but not limited to, all or part of the following: Bins, Conveyors, Hoppers	С
Concrete/Asphalt Crushing Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Feeders, Hoppers, Crushers, Cyclones, Screens, Vibrating Grizzlies, Weigh Stations	С
Concrete Batch Equipment Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Dryers, Feeders, Hoppers, Crushers, Cyclones, Log Washers, Mixers, Screens, Vibrating Grizzlies, Weigh Stations	C
Confined Animal Facility	A
Container Filling, Liquid	В
Conveying, Other	В
Cooling Tower, Petroleum Operations	C
Cooling Tower, Other	В
Core Oven	В
Cotton Ginning System Including, but not limited to, all or part of the following: Hoppers, Conveyors, Separators, Screens, Classifiers, Mixers	D
Crankcase Oil, Loading and Unloading	С
Crematory	С

Equipment/Process	Schedule
Crude Oil, Cracking Catalytic Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	G
Crude Oil, Distillation Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Crude Oil/Gas/Water Separation System (< 30 BPD)** Including, but not limited to, all or part of the following: Adsorbers, Oil Water Separators, Oil Gas Water Separators, Pits, Sumps, Tanks, Vessels	С
Crude Oil/Gas/Water Separation System, (=> 30 BPD & < 400 BPD)** Including, but not limited to, all or part of the following: Adsorbers, Oil Water Separators, Oil Gas Water Separators, Pits, Sumps, Tanks, Vessels	С
Crude Oil/Gas/Water Separation System, (=> 400 BPD)** Including, but not limited to, all or part of the following: Adsorbers, Oil Water Separators, Oil Gas Water Separators, Pits, Sumps, Tanks, Vessels	Е
Decorating Lehr	С
Decorator	В
Deep-Fat Fryer	С
Dehydration Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	С
Degreaser, Cold Solvent Dipping	В

Equipment/Process	Schedule
Degreaser, Cold Solvent Spray	С
Degreaser, (<= 1 lb VOC/day)	В
Degreaser (> 1 lb VOC/day)	В
Degreaser, (VOCw/Toxics)	С
Delayed Coking Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Deposition on Ceramics (< 5 pieces)	В
Deposition on Ceramics (5 or more pieces)	C
Desalting Unit Including, but not limited to, all or part of the following: Mixers, Pumps, Reactors, Settling Tanks, Sumps, Tanks, Vessels	С
Die Casting Equipment	C
Digester Gas Desulfurization System Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Tanks, Towers, Vessels	С
Dip Tank, Coating	В
Dip Tank, (<= 3 gal/day)	В
Distillation, Other Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	С
Drilling Rig, Crude Oil Prod.	С
Drop Forge	В
Dry Cleaning & Associated Control Equipment	A
Dryer for Organic Material	С
Drying/Laundry	A
Drying, Other	В

Equipment/Process	Schedule
Emission Reduction Credits [Rule 301(c)(4) and (c)(5)]	I
End Liner, Can	В
Ethylene Oxide Sterilization, Hospital	В
Evaporation, Toxics	С
Evaporator, Other	В
Extraction - Benzene Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	С
Extruder	В
Extrusion System (Multiple Units) Including, but not limited to, all or part of the following: Extruders	С
Fatty Acid Mfg.	С
Feathers, Size Classification	A
Feed Handling (combining conveying and loading)	D
Fermentation/Brewing Including, but not limited to, all or part of the following: Hoppers, Conveyors, Brew Kettles	С
Fertilizer, Natural, Packaging/ Processing Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Hoppers, Loading Arms, Weigh Stations	В
Fertilizer, Synthetic, Production Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Mixers, Dryers, Process Tanks, Reactors, Hoppers, Loading Arms, Weigh Stations	С
Fiberglass Panel Mfg Including, but not limited to, all or part of the following: Conveyors, Mixers, Reactors, Process Tanks, Cutters	С
Filament Winder, Rule 1401 Toxics	С
Filament Winder, Other	В
Filling Machine, Dry Powder	С
Film Cleaning Machine	В
Flour Handling (combining conveying, packaging, and loadout)	Е

Equipment/Process	Schedule
Flour Manufacturing (combining milling and conveying)	Е
Flour Milling Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Hoppers, Mills, Weigh Stations	D
Flow Coater	В
Fluid Catalytic Cracking Equipment Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	Н
Fluid Elimination, Waste Water	В
Foam-in-Place Packaging	A
Food Processing Grinding, Blending, Packaging, Conveying, Flavoring	С
Fractionation Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Fruit and Vegetable Treating	A
Fuel Gas Mixer	С
Fuel Gas, Treating Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Scrubbers, Settling Tanks, Towers, Vessels	D
Fuel Storage & Dispensing Equipment (Rule 461) Including, but not limited to, all or part of the following: Storage Tanks, Dispensing Nozzles	A
Fumigation	A
Furnace, Arc	D
Furnace, Burn-Off, Armature	C
Furnace, Burn-Off, Drum	D

Equipment/Process	Schedule
Furnace, Burn-Off, Engine Parts	С
Furnace, Burn-Off, Paint	С
Furnace, Burn-Off, Wax	С
Furnace, Burn-Off, Other	С
Furnace, Cupola	D
Furnace, Electric, Induction and Resistance	С
Furnace, Frit	С
Furnace, Galvanizing	С
Furnace, Graphitization and Carbonization	С
Furnace, Heat Treating	В
Furnace, Other Metallic Operations	С
Furnace, Pot/Crucible	С
Furnace, Reverberatory	D
Furnace, Wire Reclamation	С
Garnetting, Paper/Polyester Including, but not limited to, all or part of the following: Feeders, Conveyors, Condensers, Cutters	С
Gas Plant Including, but not limited to, all or part of the following: Accumulators, Columns, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Re-generators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Gas Turbine, Landfill/Digester Gas, <0.3 MW	В
Gas Turbine, Landfill/Digester Gas, => 0.3 MW	Е
Gas Turbine, <= 50 MW, other fuel	D
Gas Turbine, > 50 MW, other fuel	G
Gas Turbine, Emergency, < 0.3 MW	A
Gas Turbine, Emergency, => 0.3 MW	С
Gas Turbines (Microturbines only)	A
Gas-Oil Cracking Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E

TABLE IB - PERMIT FEE RATE SCHEDULES FOR BASIC EQUIPMENT

Equipment/Process	Schedule
Gasoline, In-line Blending Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	D
Gasoline, Refining Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	D
Gasoline, Separation - Liquid Production Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	D
Gasoline, Vapor Gathering System Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	D
Gasoline Blending Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Scrubbers, Settling Tanks, Towers, Vessels	E

Equipment/Process	Schedule
Gasoline Fractionation Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	F
Gasoline Transfer & Dispensing Facility (See Fuel Storage & Dispensing Equipment)	
Glass Forming Machine	С
Glass Furnace < 1TPD	В
Glass Furnace, > 1 - 50 TPD Pull	D
Glass Furnace, > 50 TPD Pull	Е
Grain Cleaning Including, but not limited to, all or part of the following: Air Classifiers, Bins, Conveyors, Bucket Elevators, Hoppers, Mills, Screens, Weigh Stations	С
Grain Handling (combining storage and cleaning)	Е
Grain Storage	С
Grinder, Size Reduction	В
Groundwater Treatment System Including, but not limited to, all or part of the following: Air Strippers, Adsorbers, Process Tanks	С
Gypsum, Calcining Including, but not limited to, all or part of the following: Air Classifiers, Bins, Conveyors, Bucket Elevators, Hoppers, Kilns, Weigh Stations	E
Halon/Refrigerants, Recovery and Recycling Equipment	A1
Heater, (< 5 MMBTU/hr)	В
Heater, (5 - 20 MMBTU/hr)	С
Heater, (> 20-50 MMBTU/hr)	D
Heater, (> 50 MMBTU/hr)	Е
Hot End Coating, (Glass Mfg. Plant)	В
Hydrant Fueling, Petrol. Middle Distillate Including, but not limited to, all or part of the following: Storage Tanks, Dispensing Nozzles	D

Equipment/Process	Schedule
Hydrocarbons, Misc., Treating Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	D
Hydrogen Desulfurization (HDS) Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	F
Hydrogen Production Equipment Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	F
Hydrotreating Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
IC Engine, (51-500 HP) Cogeneration	В
IC Engine, (> 500 HP) Cogeneration	С
IC Engine, Emergency	В
IC Engine, Landfill/Digester Gas	D
IC Engine, Other, 51-500 HP	В
IC Engine, Other, > 500 HP	С
Impregnating Equipment	С
Incineration, Hazardous Waste	Н
Incinerator, < 300 lbs/hr, Non- Hazardous	Е
Incinerator, >= 300 lbs/hr, Non- Hazardous	F
Indoor Shooting Range	В

Equipment/Process	Schedule
Ink Mfg./Blending Including, but not limited to, all or part of the following: Process Tanks, Mixers	В
Inorganic Chemical Mfg. Including, but not limited to, all or part of the following: Process Tanks, Mixers, Reactors	D
Insecticide Separation/Mfg Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Coolers, Drums, Ejectors, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	Е
Iodine Reaction Including, but not limited to, all or part of the following: Columns, Compressors, Condensers, Coolers, Heat Exchangers, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Tanks, Towers	С
Isomerization Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Jet Engine Test Facility	С
Kiln, Natural Gas	С
Landfill Condensate/Leachate Collection/Storage	В
Landfill Gas, Collection, (< 10 Wells)	В
Landfill Gas, Collection, (10 -50 Wells)	С
Landfill Gas, Collection, (> 50 Wells)	D
Landfill Gas, Treatment	Е
Lime/Limestone, Conveying Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Hoppers, Weigh Stations	С
Liquid Separation, Other Including, but not limited to, all or part of the following: Process Tanks, Settling Tanks, Separators, Tanks	D

TABLE IB - PERMIT FEE RATE SCHEDULES FOR BASIC EQUIPMENT

Equipment/Process	Schedule
Liquid Waste Processing, Hazardous Including, but not limited to, all or part of the following: Air Floatation Units, Floatation Units, Filter Presses, Reactors, Process Tanks, Clarifiers, Settling Tanks, Waste Water Separators, Tanks	Е
Liquid Waste Processing, Non Hazardous Including, but not limited to, all or part of the following: Air Floatation Units, Floatation Units, Filter Presses, Reactors, Process Tanks, Clarifiers, Settling Tanks, Waste Water Separators, Tanks	С
LPG, Tank Truck Loading	D
LPG, Treating Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	D
LPG Distillation Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Lube Oil Additive/Lubricant Mfg.	В
Lube Oil Re-refining Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	D
Marine Bulk Loading/Unloading System, Including, but not limited to, all or part of the following: Absorbers, Compressors, Condensers, Knock Out Pots, Pumps, Reactors, Saturators	D
Marine Vessel Displaced Vapor Control, Including, but not limited to, all or part of the following: Absorbers, Compressors, Condensers, Knock Out Pots, Pumps, Reactors, Saturators	D

Equipment/Process	Schedule
Merichem Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	D
Merox Treating Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Metal Deposition Equipment	C
Metallic Mineral Production Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Feeders, Hoppers, Crushers, Cyclones, Log Washers, Mixers, Screens, Vibrating Grizzlies, Weigh Stations	E
Misc. Solvent Usage at a Premise	В
Mixer, Chemicals	В
MTBE Production Facility Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Coolers, Drums, Ejectors, Heat Exchangers, Knock Out Pots, Mixers, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	F
Natural Gas Dehydration Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	С
Natural Gas Odorizers	С

Equipment/Process	Schedule
Natural Gas Stabilization Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Scrubbers, Regenerators, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Nut Roasters Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Hoppers, Roasters, Coolers	С
Nut Shell Drying Including, but not limited to, all or part of the following: Bins, Conveyors, Bucket Elevators, Hoppers, Dryers, Coolers	С
Oil/Water Separator (< 10,000 GPD) Including, but not limited to, all or part of the following: Oil Water Separators, Pits, Sumps, Tanks, Vessels	В
Oil/Water Separator (>= 10,000 GPD) Including, but not limited to, all or part of the following: Oil Water Separators, Pits, Sumps, Tanks, Vessels	С
Open-Air resin operations	A
Oven Bakery	С
Oven, Curing (Rule 1401 toxics)	С
Oven, Other	В
Packaging, Other	В
Paint Stripping, Molten Caustic	С
Paper Conveying	A
Paper Pulp Products	D
Paper Size Reduction	С
Pavement Grinder	В
Pavement Heater	В
Pelletizing, Chlorine Compounds Including, but not limited to, all or part of the following: Conveyors, Bins, Hoppers, Pelletizers, Mixers, Dryers	С
Perlite Furnace	С
Perlite Handling Including, but not limited to, all or part of the following: Conveyors, Bins, Hoppers, Bucket Elevators	С

Equipment/Process	Schedule
Pesticide/Herbicide Mfg. Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Coolers, Drums, Ejectors, Heat Exchangers, Knock Out Pots, Mixers, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Petroleum Coke Calcining Including, but not limited to, all or part of the following: Bins, Conveyors, Reactors, Mixers, Process Tanks, Kilns	F
Petroleum Coke Conveying Including, but not limited to, all or part of the following: Conveyors, Bins, Hoppers, Bucket Elevators	В
Pharmaceutical Mfg. Including, but not limited to, all or part of the following: Conveyors, Bins, Hoppers, Reactors, Process Tanks, Pelletizers, Mixers, Dryers	С
Pharmaceutical Mfg. Tableting, Coating Vitamins or Herbs	С
Pipe Coating, Asphaltic	В
Plasma Arc Cutting	B1
Plastic Mfg., Blow Molding Machine	В
Plastic/Resin Size Reduction Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Feeders, Hoppers, Grinders, Mills, Cyclones, Screens, Weigh Stations	В
Plastic/Resins Reforming	C
Plastic/Resins Treating	С
Plastisol Curing Equipment	В
Polystyrene Expansion/Molding	С
Polystyrene Expansion/Packaging	С
Polystyrene Extruding/Expanding	В
Polyurethane Foam Mfg. Including, but not limited to, all or part of the following: Coolers, Heat Exchangers, Pumps, Reactors, Mixers, Process Tanks	С
Polyurethane Mfg/Production	В
Polyurethane Mfg/Rebonding	В
Process Line, Chrome Plating (Hexavalent)	С

Equipment/Process	Schedule
Process Line, Chrome Plating (Trivalent)	В
Precious Metal, Recovery, Other	В
Precious Metal, Recovery, Catalyst	D
Printing Press, Air Dry	В
Printing Press With IR, EB or UV Curing	В
Printing Press, Other	C
Printing Press, Screen	В
Production, Other	В
Railroad Car Loading/Unloading, Other	C
Railroad Car Unloading, liquid direct to trucks	В
Reaction, Other	C
Recovery, Other	В
Refined Oil/Water Separator Including, but not limited to, all or part of the following: Oil/Water Separators, Pits, Sumps, Tanks, Vessels	В
Refrigerant Recovery/Recycling	A1
Rendering Equipment, Blood Drying	С
Rendering Equipment, Fishmeal Drying	C
Rendering Equipment, Rendering	D
Rendering Equipment, Separation, Liquid	C
Rendering Product, Handling Including, but not limited to, all or part of the following: Conveyors, Bins, Hoppers, Bucket Elevators	С
Resin, Varnish Mfg. Including, but not limited to, all or part of the following: Coolers, Heat Exchangers, Pumps, Reactors, Mixers, Process Tanks	D
Roller Coater	В
Rubber Mfg. Including, but not limited to, all or part of the following: Coolers, Heat Exchangers, Pumps, Reactors, Mixers, Process Tanks	С
Rubber Presses or Molds with a ram diameter of more than 26 inches Submitted before September 11, 1999 Submitted on or after September 11,	A
1999	В
Rubber Roll Mill	В

Equipment/Process	Schedule
Sand Handling Equipment, Foundry Including, but not limited to, all or part of the following: Conveyors, Bins, Hoppers, Bucket Elevators	С
Sand Handling Equipment w/Shakeout, Foundry Including, but not limited to, all or part of the following: Conveyors, Bins, Hoppers, Bucket Elevators	D
Screening, Green Waste	A
Screening, Other Including, but not limited to, all or part of the following: Screens, Conveyors, Bins, Hoppers, Bucket Elevators	С
Semiconductor, Int. Circuit Mfg (< 5 pieces)	В
Semiconductor, Int. Circuit Mfg (5 or more)	С
Semiconductor, Photo resist (< 5 pieces)	В
Semiconductor, Photo resist (5 or more pieces)	С
Semiconductor, Solvent Cleaning (< 5 pieces)	В
Semiconductor, Solvent Cleaning (5 or more pieces)	С
Sewage Sludge Composting	С
Sewage Sludge Drying, Conveying, Storage, Load-out Including, but not limited to, all or part of the following: Conveyors, Bins, Hoppers, Bucket Elevators, Loading Arms	D
Sewage Sludge Digestion	D
Sewage Sludge Dryer	D
Sewage Sludge Incineration	Н
Sewage Treatment, (<= 5 MGD), Aerobic Including, but not limited to, all or part of the following: Air Floatation Units, Floatation Units, Filter Presses, Clarifiers, Settling Tanks, Trickling Filters, Waste Water Separators, Tanks	С
Sewage Treatment, (> 5 MGD) Including, but not limited to, all or part of the following: Air Floatation Units, Floatation Units, Floatation Units, Floatation Units, Floatation Units, Settling Tanks, Trickling Filters, Waste Water Separators, Tanks	F

Equipment/Process	Schedule
Sewage Treatment, (> 5 MGD), Anaerobic Including, but not limited to, all or part of the following: Air Floatation Units, Floatation Units, Digesters, Filter Presses, Clarifiers, Settling Tanks, Trickling Filters, Waste Water Separators, Tanks	G
Sheet Machine	В
Shell Blasting System	В
Shipping Container System	В
Sintering	С
Size Reduction, Other Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Dryers, Feeders, Hoppers, Crushers, Cyclones, Mixers, Screens, Weigh Stations	С
Size Reduction, Petroleum Coke Including, but not limited to, all or part of the following: Bins, Bucket Elevators, Conveyors, Dryers, Feeders, Hoppers, Crushers, Cyclones, Mixers, Screens, Weigh Stations	С
Sludge Dewatering, Other Including, but not limited to, all or part of the following: Filter Press, Process Tanks, Settling Tanks	D
Sludge Dryer, Other	В
Sludge Incinerator	Н
Smoke Generator	В
Smokehouse	С
Soap/Detergent Mfg Including, but not limited to, all or part of the following: Process Tanks, Mixers, Tanks, Conveyors, Bins, Hoppers, Bucket Elevators	D
Soil Treatment, Other Including, but not limited to, all or part of the following: Bins, Conveyors, Ovens	D
Soil Treatment, Vapor Extraction Including, but not limited to, all or part of the following: Adsorbers, Afterburners	С
Solder Leveling	В
Soldering Machine	В
Solvent Reclaim, Still (Multistage)	С
Solvent Reclaim, Still (Single stage)	A

Equipment/Process	Schedule
Solvent Redistillation Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Spent Stretford Solution Regeneration Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	D
Spray Equipment, Open	В
Spray Machine, Adhesive	В
Spray Machine, Coating	В
Spray Machine, Powder Coating	В
Spraying, Resin/Gel Coat	С
Sterilization Equipment	С
Stereolithography	A
Storage, Petroleum Coke	С
Storage Container, Baker-Type	В
Storage Container, Baker-Type w/Control	С
Storage Silo, Other Dry Material	A
Storage Tank, w/o Control, Crude Oil/Petroleum Products	В
Storage Tank, Acid with sparger	В
Storage Tank, Ammonia with sparger	В
Storage Tank, Asphalt <= 50,000 gallons	В
Storage Tank, Asphalt > 50,000 gallons	С
Storage Tank, Degassing Unit	D
Storage Tank, Fixed Roof with Internal Floater	С
Storage Tank, Fixed Roof with Vapor Control	С
Storage Tank, Fuel Oil	A
Storage Tank, Lead Compounds	С
Storage Tank, LPG	A

Equipment/Process	Schedule
Storage Tank, LPG w/Vaporizing System	С
Storage Tank, Other	A
Storage Tank, Other w/ Control Equipment	В
Storage Tank, with Passive Carbon s.s.	В
Storage Tank, with Passive Carbon m.s.	С
Storage Tank, with Passive Carbon t.s.	C
Storage Tank, Rendered Products	C
Storage Tank, Waste Oil	A
Storage Tank with condenser	В
Storage Tank, with External Floating Roof	С
Stove-Oil Filter/Coalescer Facility	D
Striper, Can	В
Striper, Pavement	В
Stripping, Other	В
Sulfonation Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	Е
Sulfuric Acid Plant Including, but not limited to, all or part of the following: Accumulators, Columns, Condensers, Drums, Heat Exchangers, Knock Out Pots, Pots, Pumps, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	F
Sump, Covered & Controlled	C
Sump, Spill Containment	A
Tablet Coating Pans	A
Tank, Hard Chrome Plating	С
Tank/Line, Other Chrome Plating or Chrome Anodizing	С
Tank, Line, Other Process Emitting Hexavalent Chrome	С
Tank/Line, Trivalent Chrome Plating	В
Tank/Line, Cadmium or Nickel Plating	C
Tank/Line, Other Process Emitting Nickel or Cadmium	B1

Equipment/Process	Schedule
Tank/Line, Other Plating	В
Tank/Line Nitric Acid Process Emitting NOx	С
Tank/Line, Other Process Using Aqueous Solutions	В
Tank, Paint Stripping w/Methylene Chloride	С
Textiles, Recycled, Processing	C
Thermal Cracking Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Tire Buffer	A
Treating, Other	В
Treating, Petroleum Distillates Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	D
Vacuum Distillation Unit Including, but not limited to, all or part of the following: Absorbers, Accumulators, Columns, Compressors, Condensers, Drums, Fractionators, Heat Exchangers, Knock Out Pots, Pots, Pumps, Reactors, Regenerators, Scrubbers, Settling Tanks, Sumps, Tanks, Towers, Vessels	E
Vacuum Machine	С
Vacuum Metalizing	В
Vacuum Pumps	С
Vegetable Oil Extractor Including, but not limited to, all or part of the following: Bins, Conveyors, Cookers, Presses, Tanks, Kilns	Е
Warming Device, Electric	A

1	
Equipment/Process	Schedule
Waste Water Treating (< 10,000 gpd) Including, but not limited to, all or part of the following: Air Floatation Units, Floatation Units, Filter Presses, Clarifiers, Settling Tanks, Waste Water Separators, Tanks	В
Waste Water Treating (< 20,000 gpd) no toxics Including, but not limited to, all or part of the following: Air Floatation Units, Floatation Units, Filter Presses, Clarifiers, Settling Tanks, Waste Water Separators, Tanks	В
Waste Water Treating (20,000 - 50,000 gpd) Including, but not limited to, all or part of the following: Air Floatation Units, Floatation Units, Filter Presses, Clarifiers, Settling Tanks, Waste Water Separators, Tanks	D
Waste Water Treating (> 50,000 gpd) Including, but not limited to, all or part of the following: Air Floatation Units, Floatation Units, Filter Presses, Clarifiers, Settling Tanks, Waste Water Separators, Tanks	Е
Waste-to-Energy Equipment	Н
Wet Gate Printing Equipment using Perchloroethylene	В
Weigh Station	A
Wood Treating Equipment Including, but not limited to, all or part of the following: Coater Operations, Process Tanks	С

TABLE IIA SPECIAL PROCESSING FEES AIR QUALITY ANALYSIS/HEALTH RISK ASSESSMENT

Schedule	Fee
A	\$1, 522.21 <u>621.15</u>
В	\$1, 522.21 <u>621.15</u>
С	\$1, 522.21 <u>621.15</u>
D	\$5,449.74 <u>803.97</u> +T&M
Е	\$5,449.74 <u>803.97</u> +T&M
F	\$5,449.74 <u>803.97</u> +T&M
G	\$5,44 9.7 4 <u>803.97</u> +T&M
Н	\$7, 267.63 <u>740.02</u> +T&M

D through G: T&M = Time and Material charged at \$\frac{155.86}{165.99}\$ per hour above 35 hours.

H: T&M = Time and Material charged at \$155.86165.99 per hour above 47 hours. Time and material charges for work beyond these hourly limits shall be for analysis or assessment required due to modification of the project or supporting analysis submitted for initial review or for multiple analyses or assessments required for a project or other special circumstances and shall be approved by the Executive Officer.

An additional fee of \$2,609.51779.12 shall be assessed for a project requiring modeling review triggered by the requirements of Regulation XVII – Prevention of Significant Deterioration (PSD). The total combined fee for these reviews shall not exceed \$17,396.8018,527.59.

TABLE IIB CEMS, FSMS, & ACEMS FEE SCHEDULE

Certification Review		_
CEMS and FSMS Review ¹	Basic Fee ²	Maximum Fee
Any combination of pollutants, diluent, flow, or other parameter ³ for:		
One to two components	\$4, 214.10 488.01	\$ 7,545.18 <u>8,035.61</u>
Three to four components	\$5, 069.2 4 <u>398.74</u>	\$ 13,884.78 <u>14,787.29</u>
For each additional component beyond four, the following amount is added to the fee for four components	\$0.00	\$3,4 29.79 652.72
For time-sharing of CEMS, the following amount is added to any fee determined above	\$0.00	\$3,4 29.79 652.72
ACEMS Review	Basic Fee ⁴	Maximum Fee
	\$4, 214.10 488.01	\$ 13,884.78 <u>14,787.29</u>

¹The certification fee includes the initial application approval, approval of test protocol, and approval of the performance test results. An application resubmitted after a denial will be treated as a new application and will be subject to a new fee.

²Covers up to 40 hours evaluation time for the first two components, 60 hours for the first four components, and up to an additional 12 hours for each component beyond four. Excess hours beyond these will be charged at \$186.12198.21 per hour, to the maximum listed in the table.

³Additional components, as necessary, to meet monitoring requirements (e.g., moisture monitor)

⁴Covers up to 40 hours evaluation time.

TABLE III - EMISSION FEES

Annual Emissions	>1 (lb/yea r)	>200 (lb/yea r)	4 – 25 (ton/year)	>25 – 75 (ton/year)	>75 - <100 (ton/year)	>100 (ton/year)
Organic Gases* (\$/ton)		1	\$ 676.46 720 .43	\$1, 098.31 16 <u>9.70</u>	\$1, 644.05 <u>75</u> <u>0.91</u>	\$1, 644.05 <u>75</u> <u>0.91</u>
Specific Organics** (\$/ton)		1	\$ 121.02 128 .88	\$ 191.76 <u>204.</u> <u>22</u>	\$ 287.62 <u>306.</u> <u>31</u>	\$ 287.62 306. 31
Nitrogen Oxides (\$/ton)		-	\$ 395.75 421 .47	\$ 628.63 <u>669.</u> <u>49</u>	\$ 946.76 1,00 <u>8.29</u>	\$ 946.76 1,00 8.29
Sulfur Oxides (\$/ton)		-	\$4 69.20 499 .69	\$ 758.48 <u>807.</u> <u>78</u>	\$1, 138.76 <u>21</u> 2.77	\$1, 138.76 21 2.77
Carbon Monoxide (\$/ton)		-	-	-	-	\$8. 09 <u>61</u>
Particulate Matter (\$/ton)		-	\$ 517.27 <u>550</u> .89	\$ 838.18 <u>892.</u> <u>66</u>	\$1, 254.98 <u>33</u> <u>6.55</u>	\$1, 254.98 <u>33</u> <u>6.55</u>
Ammonia (\$/lb)		\$0.04	\$0.04	\$0.04	\$0.04	\$0.04
Chlorofluorocar bons (\$/lb)	\$0. 45 <u>47</u>	\$0. 45 <u>47</u>	\$0. 45 <u>47</u>	\$0. 45 <u>47</u>	\$0. 45 <u>47</u>	\$0. 45 <u>47</u>
1,1,1- trichloroethane (\$/lb)	\$0.06	\$0.06	\$0.06	\$0.06	\$0.06	\$0.06

^{*} Excluding methane, and exempt compounds as defined in Rule 102, and specific organic gases as specified in paragraph defined in subdivision (b) of this rule.

TABLE IV TOXIC AIR CONTAMINANTS

CAS	TOXIC COMPOUNDS	Annual Emission	Fees Before January 1, 2020
		Thresholds (lbs)	\$/1 lb
1332214	Asbestos	0.0001	6.74
71432	Benzene	2	2.27
7440439	Cadmium	0.01	6.74
56235	Carbon tetrachloride	1	2.27
106934	Ethylene dibromide	0.5	2.27
107062	Ethylene dichloride	2	2.27
75218	Ethylene oxide	0.5	2.27
50000	Formaldehyde	5	0.5
18540299	Hexavalent chromium	0.0001	9.01
75092	Methylene chloride	50	0.09

^{**} See specific organic gases as defined in subdivision (b) of this rule.

7440020	Nickel	0.1	4.49
127184	Perchloroethylene	5	0.5
106990	1,3-Butadiene	0.1	6.74
7440382	Inorganic arsenic	0.01	6.74
7440417	Beryllium	0.001	6.74
75014	Vinyl chloride	0.5	2.27
7439921	Lead	0.5	2.27
123911	1,4-Dioxane	5	0.5
79016	Trichloroethylene	20	0.18
1086	Chlorinated dioxins, without individual isomers reported	0.000001	11.28
1746016	2,3,7,8-TCDD	0.000001	11.28
3268879	1-8OctaCDD	0.000001	11.28
19408743	1-3,7-9HxCDD	0.000001	11.28
35822469	1-4,6-8HpCDD	0.000001	11.28
39227286	1-4,7,8HxCDD	0.000001	11.28
40321764	1-3,7,8PeCDD	0.000001	11.28
57653857	1-3,6-8HxCDD	0.000001	11.28
1080	Chlorinated dibenzofurans, without individual isomers reported	0.000001	11.28
39001020	1-8OctaCDF	0.000001	11.28
51207319	2,3,7,8-TCDF	0.000001	11.28
55673897	1-4,7-9HpCDF	0.000001	11.28
57117314	2-4,7,8PeCDF	0.000001	11.28
57117416	1-3,7,8PeCDF	0.000001	11.28
57117449	1-3,6-8HxCDF	0.000001	11.28
60851345	2-4,6-8HxCDF	0.000001	11.28
67562394	1-4,6-8HpCDF	0.000001	11.28
70648269	1-4,7,8HxCDF	0.000001	11.28
72918219	1-3,7-9HxCDF	0.000001	11.28
1151	Polycyclic aromatic hydrocarbons, PAHs (without individual isomers reported)	0.2	6.74
50328	Benzo[a]pyrene [PAH, POM]	0.2	6.74
53703	Dibenz[a,h]anthracene [PAH, POM]	0.2	6.74
56495	3-Methylcholanthrene [PAH, POM]	0.2	6.74
56553	Benz[a]anthracene [PAH, POM]	0.2	6.74
57976	7,12-Dimethylbenz(a)Anthracene [PAH, POM]	0.2	6.74
91203	Naphthalene [PAH, POM]	0.2	6.74
189559	Dibenzo[a,i]pyrene [PAH, POM]	0.2	6.74
189640	Dibenzo[a,h]pyrene [PAH, POM]	0.2	6.74
191300	Dibenzo[a,l]pyrene [PAH, POM]	0.2	6.74

192654	Dibenzo[a,e]pyrene [PAH, POM]	0.2	6.74
193395	Indeno[1,2,3-cd]pyrene [PAH, POM]	0.2	6.74
194592	7H-Dibenzo(c,g)Carbazole [PAH, POM]	0.2	6.74
205823	Benzo[j]fluoranthene [PAH, POM]	0.2	6.74
205992	Benzo[b]fluoranthene [PAH, POM]	0.2	6.74
207089	Benzo[k]fluoranthene [PAH, POM]	0.2	6.74
218019	Chrysene [PAH, POM]	0.2	6.74
224420	Dibenz(a,j)Acridine [PAH, POM]	0.2	6.74
226368	Dibenz(a,h)Acridine [PAH, POM]	0.2	6.74
602879	5-Nitroacenaphthene [PAH, POM]	0.2	6.74
607578	2-Nitrofluorene [PAH, POM]	0.2	6.74
3697243	5-Methylchrysene [PAH, POM]	0.2	6.74
5522430	1-Nitropyrene [PAH, POM]	0.2	6.74
7496028	6-Nitrochrysene [PAH, POM]	0.2	6.74
42397648	1,6-Dinitropyrene [PAH, POM]	0.2	6.74
42397659	1,8-Dinitropyrene [PAH, POM]	0.2	6.74
57835924	4-Nitropyrene [PAH, POM]	0.2	6.74
9901	Diesel Particulate Matter	0.1	0

TABLE V ANNUAL CLEAN FUELS FEES

Volatile Organic Compounds	Nitrogen Oxides	Sulfur Oxides	Particulate Matter (\$/ton)
(\$/ton)	(\$/ton)	(\$/ton)	
\$ 51.23 <u>54.56</u>	\$ 29.54 <u>31.46</u>	\$ 36.62 <u>39.00</u>	\$ 29.5 4 <u>31.46</u>

TABLE VI ASBESTOS NOTIFICATION FEES

Demolition and Renovation by Project Size (square feet) ¹					
up to 1,000	> 1,000 to 5,000	5,000 to 10,000	> 10,000 to 50,000	> 50,000 to 100,000	> 100,000
\$ 68.07 <u>72.49</u>	\$ 208.18 <u>221.</u> <u>71</u>	\$4 87.33 519. 00	\$ 764.15 <u>813.</u> <u>82</u>	\$1, 107.46 <u>17</u> <u>9.44</u>	\$1, 845.77 96 5.74

Additional Service Charge Fees				
Revision to Notification for Start Date, Quantity, and/or End Date ²	Special Handling Fee ³	Planned Renovation	Procedure 4 or 5 Plan Evaluation	Expedited Procedure 4 or 5 Fee ⁴
\$ 25.22 26.85	\$ 68.07 72.49	\$ 764.15 <u>813.82</u>	\$ 764.15 <u>813.82</u>	\$ 382.06 406.89

¹ For demolition, the fee is based on the building size. For refinery or chemical unit demolition, the fee is based on the structure's footprint surface area.

For renovation, the fee is based on the amount of asbestos removed.

- ³ For all notifications received less than 14 calendar days prior to project start date.
- ⁴ For all expedited Procedure 4 or 5 plan evaluation requests received less than 14 calendar days prior to project start date.

For each subsequent notification for pre-approved Procedure 5 plan submitted per Rule 1403(d)(1)(D)(i)(V)(2).

² For revisions to notifications to change the End Date, service charge fees will only be charged if revisions result in a later End Date

TABLE VII FACILITY PERMIT FEES

Description	Rule section	FY 2019-20 and thereafter
Facility Permit Amendment/Revision Fee	(1)(4)	
	(m)(4)	
RECLAIM Only or non- RECLAIM/non-Title V		\$1, 266.69 <u>349.02</u>
• Title V Only*		\$1, 587.30 <u>690.47</u>
• RECLAIM & Title V*		\$ 2,853.99 3,039.49
* Includes administrative, minor, deminimis significant, or significant amendment/revision		
Facility Permit Change of Owner/Operator	(c)(2) (l)(6)	
Facility Permit Amendment Fee	(m)(4) (n)(5)	Facility Permit Amendment/Revision Fee (See Above)
Plus		Plus
Application Processing Fee for Each Application		Processing Fees (See Table FEE RATE-C))
Title V Facility Permit Renewal Fee (Due at Filing)	(m)(5) (m)(9)	\$3, 605.33 <u>839.67</u>
Plus		Plus
Hourly Rate for Calculation of Final Fee for Evaluation Time in Excess of 8 hours (Due upon Notification)		\$ <u>252.25</u> 268.64 per hour

ATTACHMENT G2

(Adopted 9/2/1977)(Amended 5/5/1978)(Amended 3/5/1982)(Amended 8/5/1983)(Amended 10/5/1984) (Amended 1/6/1989)(Amended 6/1/1990)(Amended 6/6/1992)(Amended 6/11/1993)(Amended 6/10/1994) (Amended 5/12/1995)(Amended 5/10/1996)(Amended 5/9/1997)(Amended 5/8/1998)(Amended 5/14/1999) (Amended 5/19/2000)(Amended 5/12/2001)(Amended 5/3/2002)(Amended 6/6/2003)(Amended 7/9/2004) (Amended 6/3/2005)(Amended 6/9/2006)(Amended 5/4/2007)(Amended 5/2/2008)(Amended 6/5/2009) (Amended 5/7/2010)(Updated 7/1/2011)(Updated 7/1/2012)(Updated 7/1/2013)(Amended 6/6/2014) (Amended 5/1/2015)(Updated 7/1/2016)(Amended 6/2/2017) (Updated 5/4/2018)(Amended 3/1/2019) (Amended 5/3/2019)(Updated 7/1/2020)(Updated 7/1/2021)(Proposed Amended May 6, 2022)

Proposed Effective July 1, 2021 <u>2022</u>

PROPOSED AMENDED RULE 303. HEARING BOARD FEES

- (a) Filing and Appearance Fees
 - (1) Every applicant or petitioner in a proceeding before the Hearing Board shall pay to the Clerk of the Board, at the time of filing, a filing fee for each petition in accordance with the schedule set forth in Table III.
 - (2) If the hearing runs more than one day, supplemental appearance fees shall be assessed pursuant to Table III for each additional day of the hearing, unless otherwise ordered by the Hearing Board.

(b) Filing Fee Refunds

- (1) In the event the Hearing Board reverses in total an appealed decision of the Executive Officer, the filing fee specified in subdivision (a) shall be refunded to the petitioner.
- (2) In the event that the petition is withdrawn, and the petitioner notifies the Clerk of the Board in writing not less than four (4) days prior to the scheduled appearance, or the hearing is not held for any other reason, the petitioner shall be entitled to a refund of fifty percent (50%) of the filing fees.

(c) Publication Fees

Every petitioner for relief which requires published notice shall pay to the Clerk of the Board a fee to cover the actual cost of publication of notice(s) of hearing. The fee shall be due and payable within fifteen (15) days of the notification in writing of the amount due.

(d) Excess Emission Fee

(1) Each applicant or petitioner for a variance from these Rules and Regulations shall pay to the Clerk of the Board, in addition to the filing fees required in

subdivision (a) an emission fee in accordance with the schedule set forth in Table I, based on the total emissions discharged during the variance period in excess of that allowed by these rules or permit conditions, other than those described in subdivision (e) below. If the amount of the excess emission fee is less than that specified in subdivision (f), the applicant or petitioner shall pay the higher amount, unless otherwise ordered by the Hearing Board.

- (2) In cases where the Hearing Board determines that calculations or estimations of excess emissions cannot be made, the petitioner shall pay the amount set forth in subdivision (f), unless otherwise ordered by the Hearing Board.
- (3) In the event that more than one rule and/or permit condition limiting the discharge of the same contaminant is violated, the excess emission fee shall be based on the excess emissions resulting from the violation of the most stringent rule or permit condition. For the purposes of this subdivision, opacity rules and particulate mass emissions shall not be considered rules limiting the discharge of the same contaminant.

(e) Excess Visible Emission Fee

Each applicant or petitioner for a variance from Rule 401 and/or Health and Safety Code Section 41701 shall pay to the Clerk of the Board, in addition to the filing fees required in subdivision (a) above, and the excess emission fees required in (d) above (if any), an emission fee based on the difference between the percent opacity allowed by Rule 401 and/or Health and Safety Code Section 41701 and the percent opacity of the emissions allowed under the variance. Such fees shall be calculated in accordance with the schedule set forth in Table II.

(f) Minimum Excess Emission Fees

The excess emission fee remitted, regardless of calculations, shall be no less than \$208.13221.65 for each day on which the excess emissions occur or are expected to occur at each facility during the variance period, unless otherwise ordered by the Hearing Board.

(g) Adjustment of Excess Emission Fees

The Hearing Board may adjust the excess emission fee required by subdivisions (d), (e), and (f) of this rule, at the request of the petitioner or upon motion of the

Hearing Board, based on evidence regarding emissions presented at the time of the hearing.

- (h) Eligibility as a Small Business and Eligibility for Table III Schedule A Fees
 - (1) Petitioners that are individuals or that meet the definition of Small Business as set forth in Rule 102- Small Business or that meet the gross annual receipts criterion for small businesses shall be assessed twenty percent (20%) of the fees required by subdivisions (d), (e), or (f), whichever is applicable.
 - (2) A request for eligibility as a small business, individual, or entity that meets the total annual gross receipts criterion for small businesses in Rule 102 shall be made by the petitioner under penalty of perjury on a declaration form provided by the Executive Officer, which shall be submitted to the Clerk of the Board at the time of filing of a petition for a variance.

(i) Group Variance Fees

- (1) Petitioners filing as a group for a variance shall jointly pay the total filing fee specified in Table III. Each petitioner shall individually pay excess emission fees for their facility or product(s), as specified in subdivisions (d), and (e), or (f) whichever is applicable.
- (2) The Publication Fee required by subdivision (c) shall be totaled and divided equally among the petitioners.

(j) Adjustment of Fees

If, after the term of a variance for which emission fees have been paid, petitioner can establish, to the satisfaction of the Executive Officer, that (1) emissions were less than those upon which the fee was based, or (2) excess emission fee calculations are otherwise incorrect, a pro rata refund shall be made. If the amount of the excess emissions fee is less than that specified in subdivision (f), the applicant or petitioner shall pay the higher amount, unless otherwise ordered by the Hearing Board.

(k) Fee Payment/Variance Revocation

(1) Excess emission fees required by subdivisions (d), (e), and (f) shall be due and payable to the Clerk of the Board within fifteen (15) days of notification in writing that the fees are due, unless otherwise ordered by the Hearing Board.

(2) Failure to pay any assessed fees within fifteen (15) days of written notification that fees are due may be cause for the Hearing Board to issue further orders as may be appropriate, including but not limited to revocation of a variance. Such notification may be given by personal service or sent by mail, electronic mail, or other electronic means, and shall be due fifteen (15) days from the date of personal service, mailing, or electronic transmission. For the purpose of this rule, the fee payment shall be considered to be received by the District if it is delivered, postmarked, or electronically paid on or before the expiration date stated on the fee billing notice. If the expiration date falls on a Saturday, Sunday, or a state holiday, the fee payment may be delivered, postmarked, or electronically paid on the next business day with the same effect as if it had been delivered, postmarked, or electronically paid on the expiration date.

(l) Request for Time Extension of Payment Due

Whenever this rule requires fees to be paid by a certain date, the petitioner may, for good cause, request the Executive Officer to grant an extension of time, not to exceed ninety (90) days, within which the fees shall be paid. Any request for extension of time shall be presented in writing, and accompanied by a statement of reasons demonstrating good cause as to why the extension should be granted.

(m) Discretionary Powers

Any person may allege that payment of any of the fees within this rule, excluding publication fees, will cause an unreasonable hardship or is otherwise inequitable. Such petitioner may be excused from payment of such fees or a portion thereof by order of the Hearing Board if the Board, in its discretion, determines after hearing evidence thereon that payment of such fees would cause financial or other unreasonable hardship to the petitioner or is otherwise inequitable. The Hearing Board, on its own motion, may also waive all or any portion of any fee(s) except the Publication Fee.

(n) Transcript Fees

Any person requesting a transcript of the hearing shall pay the cost of such transcript. The parties to hearings and pre-hearing proceedings may be directed by the Hearing Board to pay the cost of transcripts necessary for the Hearing Board's determination of the matter, in such proportion as the Hearing Board may order.

(o) Government Agencies

- (1) This rule shall not apply to petitions filed by the Executive Officer.
- (2) Federal, state or local government agencies or public districts shall pay all fees.

(p) Waiver of Fees

All fees associated with this rule shall be waived for any petition for a variance filed as the direct and proximate result of any event declared to be a "state of emergency" by local, state, or federal authorities.

(q) Service Charge for Returned Check

Any person who submits a check to the District that is returned due to insufficient funds, or for which that person issues instructions to stop payment on the check, absent an overcharge or other legal entitlement to withhold payment, shall be subject to a \$25 service charge.

(r) Effective Date of Fee Schedules

Appearance and excess emission fees shall be those in effect at the time of the hearing dates.

TABLE I SCHEDULE OF EXCESS EMISSIONS FEES

Air Contaminants	Dollars Per Ton
Organic gases, except methane and those containing sulfur	\$6, 571.85 999.02
Carbon Monoxide	\$ 64.33 <u>68.51</u>
Oxides of nitrogen (expressed as nitrogen dioxide)	\$ 3,942.594,198.85
Gaseous sulfur compounds (expressed as sulfur dioxide)	\$4, 597.65 <u>896.49</u>
Particulate matter	\$4, 597.65 <u>896.49</u>
Ammonia	\$0. 11 <u>12</u>
Asbestos	\$ 28.98 <u>30.86</u>
Benzene	\$ 9.66 10.28
Cadmium	\$ 28.98 <u>30.86</u>
Carbon tetrachloride	\$ 9.66 10.28
Chlorinated dioxins and dibenzofurans (26 species)	\$4 8.27 <u>51.40</u>
Ethylene dibromide	\$ 9.66 10.28
Ethylene dichloride	\$ 9.66 10.28
Ethylene oxide	\$ 9.66 10.28
Formaldehyde	\$2. 01 14
Hexavalent chromium	\$ <u>38.58</u> 41.08
Methylene chloride	\$0.4 5 47
Nickel	\$ 19.18 <u>20.42</u>
Perchloroethylene	\$2. 01 14
1,3-Butadiene	\$ 28.98 <u>30.86</u>
Inorganic arsenic	\$ 28.98 <u>30.86</u>
Beryllium	\$ 28.98 <u>30.86</u>
Polynuclear aromatic hydrocarbons (PAHs)	\$ 28.98 <u>30.86</u>
Vinyl chloride	\$ 9.66 10.28
Lead	\$ 9.66 10.28
1,4-Dioxane	\$2. 01 <u>14</u>
Trichloroethylene	\$0. 82 87

TABLE II SCHEDULE OF EXCESS VISIBLE EMISSION FEE

For each source with opacity emissions in excess of twenty percent (20%), the fee is calculated as follows:

Fee = (Opacity* equivalent - 20) x number of days on which the violation is expected to occur x \$10.8711.57

For each source with opacity emissions in excess of forty percent (40%) (where the source is exempt from Rule 401 and in violation of California Health and Safety Code Section 41701), the fee is calculated as follows:

Fee = (Opacity* equivalent - 40) x number of days on which the violation is expected to occur x \$10.8711.57

* Where "Opacity" equals maximum opacity of emissions in percent (not decimal equivalent) allowed by the variance. Where the emissions are darker than the degree of darkness equivalent to the allowed Ringelmann number, the percentage equivalent of the excess degree of darkness shall be used as "opacity."

TABLE III - FILING FEE SCHEDULE

Filing and supplemental fees shall be paid by the petitioner as follows:

Schedule A shall apply to -

- (1) small businesses as defined by Rule 102,
- (2) individual persons, and
- (3) entities that meet the total annual gross receipts criterion for small businesses in Rule 102.

Schedule B - shall apply to - all others.

		Schedule B	Schedule A
(Ir	ARIANCE Interim, Short, Regular, Emergency) and ternate Operating Condition(s)		
	Interim and Short or Interim and Regular	\$1, 703.52 <u>814.24</u>	\$ 305.50 <u>325.35</u>
	Short (without interim)	\$1, 362.82 451.40	\$ 305.50 <u>325.35</u>
	Regular (without interim)	\$1, 362.82 451.40	\$ 305.50 <u>325.35</u>
	Emergency or Ex Parte Emergency	\$1, 362.82 451.40	\$ 305.50 <u>325.35</u>
	Variance plus Alternate Operating Condition(s)	\$2,044.22177.09	\$ 305.50 <u>325.35</u>
	Plus, for each hearing day in addition to the first hearing day necessary to dispose of the petition, the additional sum of	\$ 763.05 <u>812.64</u>	\$ 152.46 162.37

PRODUCT VARIANCE		
Filing Fee	\$2, 044.22 177.09	\$ 305.50 325.35
Plus, for each hearing day in addition to the first hearing day necessary to dispose of the petition, the additional sum of	\$ 763.05 <u>812.64</u>	\$ 152.46 <u>162.37</u>

GROUP VARIANCE		
Two	\$1, 533.18 <u>632.83</u>	
Three	\$2, 384.93 <u>539.95</u>	
Four or More	\$3, 407.08 <u>628.54</u>	
Plus, for each hearing day in addition to the first hearing day necessary to dispose of the petition, the additional sum of	\$1, 144.64 219.04	

	Schedule B	Schedule A
MODIFICATION OF EXISTING ORDERS INCLUDING FINAL COMPLIANCE DATE		
 Modification of a Final Compliance Date and Extension of a Variance 	\$1, 362.82 451.40	\$ 305.50 <u>325.35</u>
Modification of Order for Abatement (requested by respondent)	\$1, 362.82 451.40	\$ 305.50 <u>325.35</u>
Plus, for each hearing day in addition to the first hearing day necessary to dispose of the petition, the additional of	\$ 763.05 <u>812.64</u>	\$ 152.46 <u>162.37</u>
MODIFICATION OF EXISTING ORDERS EXCLUDING FINAL COMPLIANCE DATE		
 Modification of Variance (Increments of Progress and Conditions) 	\$1, 017.86 <u>084.02</u>	\$ 305.50 <u>325.35</u>
☐ Interim Authorization (Increments of Progress)	\$1, 017.86 084.02	\$ 305.50 325.35
Plus, for each hearing day in addition to the first hearing day necessary to dispose of the petition, the additional sum of	\$ 328.72 <u>350.08</u>	
ADMINISTRATIVE TYPE OF HEARINGS		
☐ Administrative Hearings (issuance of subpoenas, waiver of fees, etc.)	\$1, 017.86 084.02	\$305.50325.35
Plus, for each hearing day in in addition to the first hearing day necessary to dispose of the petition, the additional sum of	\$ 340.71 362.85	\$ 152.46 162.37
	1	I
APPEAL		
Filing fee	\$2,044.22177.09	\$ 305.50 325.35
Plus, for each hearing day in addition to the first hearing day necessary to dispose of the petition, the additional sum of	\$1, 144.64 <u>219.04</u>	\$ 223.97 238.52
CONSENT CALENDAR		
Filing Fee	\$ 470.98 501.59	\$ 152.46 162.37
Plus, for each hearing day in addition to the first hearing day necessary to dispose of the petition, the additional sum of	\$ 298.12 317.49	\$ 152.46 162.37
☐ In the event that the Board determines that there was insufficient documentation to consider the matter on the Consent Calendar, and the matter is scheduled for a hearing before the Board, petitioner shall pay an additional sum of	\$ 851.76 907.12	\$ 305.50 325.35
Plus, for each hearing day in addition to the first hearing day necessary to dispose of the petition, the additional sum of	\$ 763.05 <u>812.64</u>	\$ 152.46 162.37

ATTACHMENT G3

(Adopted 10/7/1977)(Amended 3/5/1982)(Amended 1/14/1983)(Amended 9/16/1983)(Amended 4/5/1985) (Amended 5/1/1987)(Amended 6/5/1987)(Amended 6/3/1988)(Amended 12/2/1988)(Amended 1/6/1989) (Amended 7/6/1990)(Amended 12/6/1991)(Amended 6/6/1992)(Amended 10/2/1992)(Amended 6/11/1993) (Amended 6/10/1994)(Amended 5/10/1996)(Amended 5/9/1997)(Amended 5/8/1998)(Amended 5/14/1999) (Amended 5/19/2000)(Amended 5/11/2001)(Amended 5/3/2002)(Amended 6/6/2003)(Amended 7/9/2004) (Amended 6/3/2005)(Amended 6/9/2006)(Amended 5/4/2007)(Amended 5/2/2008)(Amended 6/5/2009) (Amended 5/7/2010)(Amended 5/6/2011)(Updated 7/1/2012)(Updated 7/1/2013)(Amended 6/6/2014) (Amended 5/1/2015)(Updated 7/1/2016)(Amended 6/2/2017)(Amended 5/4/2018)(Amended 5/3/2019) (Updated 7/1/2020)(Updated 7/1/2021)(Proposed Amended May 6, 2022)

Proposed Effective July 1, 20212022

PROPOSED AMENDED RULE 304. EQUIPMENT, MATERIALS, AND AMBIENT AIR ANALYSES

- (a) Whenever the Executive Officer finds that an analysis of the materials used by, or the emissions from, any source is necessary to determine the extent and amount of pollutants being discharged to the atmosphere, he may order the testing of such sources.
- (b) Whenever the Executive Officer has reasonable cause to believe that air pollutants being discharged into the atmosphere from any source may be contrary to any permit condition or any state or local law, order, rule, or regulation relating to air pollution, or may be endangering the comfort, repose, health, or safety of a considerable number of persons, or the public, he may order the testing of the ambient air which may be affected.
- (c) After the Executive Officer determines that ambient air testing should be conducted and that the source should be assessed fees to pay for such testing, and that the test has begun, he shall within two working days advise the source of the basis upon which the finding of reasonable cause was made, the pollutants being tested for, the duration of testing, and the estimated fees.
- (d) Testing will be accomplished by the collection of samples and the analyses of such samples by qualified personnel of the South Coast Air Quality Management District, continuous automatic recording ambient monitoring by a District van, device, facility or an independent testing laboratory under contract to the District. Alternatively, the Executive Officer may require (or the owner/operator of the source may, with the approval of the Executive Officer, elect) that testing be performed by an approved independent testing laboratory, that meets the criteria in

subdivision (k). Such testing shall be done using procedures and methods and under conditions prescribed by the Executive Officer. Where tests are performed by an approved independent testing laboratory, the Executive Officer may require that sampling and/or testing be witnessed by qualified District personnel at the fee rate of \$146.90156.44 per person per hour or prorated portion thereof. The owner/operator of the source shall provide to the Executive Officer a copy of all test reports, including all test data, description of test methods, analyses, and results.

- (e) The owner/operator of a source tested by District personnel or an independent testing laboratory under contract to the District shall not pay a fee for the initial test/analysis which is conducted to determine compliance with a permit condition, or any state or local law, order, rule, or regulation relating to air pollution, unless the result of such testing indicates a violation of any state or local law, order, rule, permit condition or regulation relating to air pollution in which case the fee shall be charged to the owner/operator in accordance with the fee specified in Rule 304.1. If the initial test/analysis indicates that the source is or may be in violation of a permit condition, or any state or local law, order, rule, or regulation relating to air pollution, any subsequent test/analysis conducted in order to verify the compliance status shall also result in a fee charged to the owner/operator in accordance with the fee specified in Rule 304.1. Tests scheduled of one or more permit units to be operated under prearranged conditions, which are canceled due to a change in the permit units' prearranged operating conditions, shall result in a fee charged to the owner/operator in accordance with the fee specified in Rule 304.1. Such a fee shall not be charged if the owner/operator notifies the District of the cancellation at least 24 hours prior to the scheduled test date and time.
- (f) Fees for any test not listed in Rule 304.1 shall be determined by the Executive Officer.
- (g) Federal, state, or local government agencies or public districts shall pay all fees.
- (h) Should the estimated fees for conducting any ambient air monitoring program as described in subdivision (b) of this Rule exceed \$18,696.6519,911.93, the affected

- owner/operator may, within 30 days of notification, request that the program be approved by the District Board at a public hearing.
- (i) After completion of testing, the owner/operator of the source shall be notified by the District accounting office of the fees to be paid. Such fees shall be assessed for all non-compliant samples, as described in subdivision (e), which indicates that if, a source is or may be in violation of a permit condition or of any state or local law, order, rule, or regulation relating to air pollution, or when there may be any endangerment of the comfort, repose, health, or safety of a considerable number of persons or the public then, a subsequent verification is required. Failure to pay any such fees within sixty (60) days after the date shown on the notice of fees due shall constitute grounds for the denial, revocation or suspension of the permits to operate at sources subject to permit requirements and shall constitute a violation of this Rule for any source, whether or not subject to permit requirements.
- (j) A small business shall pay twenty percent (20%) of the fees listed in Rule 304.1. Small business is defined in Rule 102 as "Small Business."
- (k) For the purposes of this Rule, when an independent testing laboratory is used for the purposes of establishing compliance with District rules or to obtain a District permit to operate, it must meet all of the following criteria:
 - (1) The testing laboratory shall have no financial interest in the company or facility being tested, or in the parent company or any subsidiary thereof;
 - (2) The company or facility being tested, or parent company or any subsidiary thereof, shall have no financial interest in the testing laboratory;
 - (3) Any company or facility responsible for the emission of significant quantities of pollutants to the atmosphere, or parent company or any subsidiary thereof, shall have no financial interest in the testing laboratory; and
 - (4) The testing laboratory shall not be in partnership with, own or be owned by, in part or in full, the contractor who has provided or installed equipment (basic or control), or monitoring systems, or is providing maintenance for installed equipment or monitoring systems, for the company being tested.
 - The testing laboratory shall submit a statement certifying that it meets the above criteria with respect to the company or facility being tested.

- (l) Notwithstanding the provisions of subdivision (k), the Executive Officer, by written approval, may allow the operator of a publicly owned treatment works to conduct testing in connection with wastewater treatment or reclamation operation pursuant to this rule, if the Executive Officer determines the following:
 - (1) the operator complies with all requirements of this rule, other than subdivision (k);
 - (2) the operator submits a written self-testing plan request to the Executive Officer for certification on a method-by-method basis, in accordance with the requirements of guidelines established by the Executive Officer; and
 - (3) the operator pays a fee for the processing of the self-testing plan request at a rate of \$146.90156.44 per person per hour so as not to exceed the amount necessary to recover the District costs.
- (m) The District may approve independent testing firms to perform specified analyses and tests required for compliance with District rules, regulations and permit conditions.
 - (1) Approval fees (for each method required for approval) will be assessed to cover the costs of processing the laboratory approval application and subsequent District validation of the independent firm's expertise and reliability.
 - (2) For firms located outside District boundaries, reasonable travel charges will be assessed for site visits as required as part of the approval process.
 - (3) An approved facility may renew its status by paying an annual fee per method and by complying with the original approval requirements as well as any additional approval requirements or any additional conditions. Fees are based on actual costs at the staff hour rate specified in paragraph (d) above and as shown in Table I.

TABLE I LABORATORY APPROVAL PROGRAM FEE STRUCTURE (per method)

Application Review	\$ 195.83 <u>208.55</u>
Facility Inspection (if required)	\$ 146.90 156.44/ hour up to \$ 430.60 458.58
1	additional
Audit Sample (if required)	\$ 195.83 208.55/ hour up to \$ 574.10 611.41
1 /	additional
Annual Renewal	\$ 195.83 <u>208.55</u>
Method Equivalence	\$ 195.83 208.55/ hour up to \$ 934.74 995.49
	additional

ATTACHMENT G4

(Adopted 5/1/1987)(Amended 6/7/1991)(Amended 6/6/1992)(Amended 6/10/1994)(Amended 5/10/1996)
(Amended 5/9/1997)(Amended 5/8/1998)(Amended 5/14/1999)(Amended 5/19/2000)(Amended 5/11/2001)
(Amended 5/3/2002)(Amended 6/6/2003)(Amended 7/9/2004)(Amended 6/3/2005)(Amended 6/9/2006)
(Amended 5/4/2007)(Amended 5/2/2008)(Amended 5/7/2010)(Amended 5/6/2011)(Updated 7/1/2012)
(Updated 7/1/2013)(Amended 6/6/2014)(Amended 5/1/2015)(Updated 7/1/2016)(Amended 6/2/2017)
(Amended 5/4/2018)(Amended 5/3/2019)(Updated 7/1/2020)(Updated 7/1/2021)(Proposed Amended May 6, 2022)

Proposed Effective July 1, 2021 2022

PROPOSED AMENDED RULE 304.1 ANALYSES FEES

Analyses fees for testing pursuant to Rule 304.

(a) Laboratory Analyses Fees

Type of Test

Fee

		Type of Test	Fee
(1)	Partic	le Analysis	
	(A)	Microscopic Identification	\$146.90 <u>156.44</u> / hour of analysis
	(B)	Micro-Fourier Trans- form Infrared Spectroscopy	\$ 217.77 231.92 / particle
	(C)	X-Ray Diffraction	\$ 217.77 231.92 / sample
	(D)	Particle Size Determination	
		(i) by microscopy	\$ 146.90 156.44 / hour of analysis
		(ii) by sieve	\$ 146.90 156.44 / sample
	(E)	Energy Dispersive X-Ray - microprobe	As charged by outside laboratory (charge pass through)
(2)	Asbestos (Bulk Samples)		
	(A)	PLM	\$ 146.90 156.44 / sub-sample
	(B)	Point Counting	\$ 146.90 156.44 / sub-sample
	(C)	TEM, Quantitative	As charged by outside laboratory (charge pass through)
	(D)	TEM, Qualitative	As charged by outside laboratory (charge pass through)
	(E)	X-Ray Diffraction	\$324.60345.69 / sub-sample and/or layer
(3)	Asbes	stos (Bulk Samples)	
	(A)	TEM - 12-hour turnaround	As charged by outside laboratory (charge pass through)

		Type of Test	Fee
	(B)	TEM - 1-day turnaround	As charged by outside laboratory (charge pass through)
	(C)	TEM - 2-day turnaround	As charged by outside laboratory (charge pass through)
(4)	Vapor	r Pressure Tests	
	(A)	Reid Vapor Pressure	\$ 97.72 104.07 / sample
	(B)	Isoteniscope	As charged by outside laboratory (charge pass through)
	(C)	Speciation of Components in each sample	\$411.27438.00 for five or fewer compounds
			\$48.7751.94 for each additional compound
	(D)	Calculation	\$ 286.96 <u>305.61</u> / sample
(5)	Fuel A	Analysis	
	(A)	Metals (Pb in gasoline)	\$293.77312.86 / sample \$38.7741.29 for each additional sample
	(B)	Ash	As charged by outside laboratory (charge pass through)
	(C)	Water and Sediment	As charged by outside laboratory (charge pass through)
	(D)	Density	\$146.90 <u>156.44</u> / sample
	(E)	Heat Content	As charged by outside laboratory (charge pass through)
	(F)	Water	As charged by outside laboratory (charge pass through)
	(G)	Bromine Number	As charged by outside laboratory (charge pass through)
	(H)	Sulfur	
		(i) In Fuel Gas	\$342.88 <u>365.16</u> / sample
		(ii) In Fuel Oil (by XRF)	\$ 117.09 124.70 / sample
	(I)	Engler Distillation	As charged by outside laboratory (charge pass through)

		Type of Test	Fee
	(J)	Initial Boiling Point	As charged by outside laboratory (charge pass through)
(6)	VOC	(Regulation XI)	
	(A)	Gravimetric Test	\$ 146.90 <u>156.44</u> / sample
	(B)	Density of Coating or Distillate	\$ 146.90 156.44 / sample
	(C)	Gloss Testing	\$ 146.90 <u>156.44</u> / sample
	(D)	Gas Chromatograph Analysis	\$411.27 <u>438.00</u> for five or fewer compounds
			\$48.77 <u>51.94</u> for each additional compound
	(E)	Photochemical Reactivity -	
		(i) Unknown	\$ 587.93 <u>626.14</u> / sample
		(ii) Known	\$411.27 <u>438.00</u> / sample
	(F)	Distillation -	
		(i) Normal	\$ 117.10 124.71 / sample
		(ii) Heavy Ink	\$ 166.24 <u>177.04</u> / sample
	(G)	Water by Karl Fischer Titration	\$ 195.83 208.55 / sample
	(H)	Emission Spectrograph Analysis	\$ 146.90 156.44 / sample
	(I)	Gas Chromatograph/Mass Spectrometry	\$391.87417.34 for five or fewer compounds
			\$38.7341.24 for each additional compound
	(J)	VOC in pipe cements	\$1, 004.91 070.22 / sample
	(K)	VOC in adhesives containing cyanoacrylates	\$ 286.96 305.61 / sample

(7) For Certification Tests and Analyses not listed above, the fee shall be assessed at a rate of \$146.90156.44 per person per hour or a prorated portion thereof.

- (8) In addition to the regular analysis fee, all expedite samples which require overtime work by staff shall be charged an additional time and a half fee based on the normal hourly rate of staff performing such work beyond the normal work schedule.
- (9) Time and material fees shall be charged for all samples sent to outside laboratories.

(b) Emissions Testing and Analyses Fees

		Type of Test	F	ee
(1)		uracy Confirmation Test of innuous Emission Monitor	\$1, 489.68 <u>586.50</u>	
(2)	Test	inuous Gaseous Emission ing with Mobile Source ing Vehicle	\$ 1,940.96 2,067.12 plus \$ 166.57 177.39/ hour	
(3)	Non- Test	-Continuous Emission	\$1, 823.11 941.61 plus fee listed below:	
			Cost Pe	er Sample
			Specific*	Surcharge**
	(A)	Moisture	\$ 264.34 <u>2</u> <u>81.52</u>	\$ 195.83 208.55
	(B)	Particulate Matter	\$1, 019.08 085.32	\$ 509.37 <u>542.47</u>
	(C)	Sulfur Dioxide	\$ 905.56 9 64.42	\$ 452.48 <u>481.89</u>
	(D)	Oxides of Nitrogen	\$4 50.70 4 79.99	\$ 136.8 4 <u>145.73</u>
	(E)	Carbon Monoxide	\$ 376.27 <u>4</u> 00.72	\$ 187.97 200.18

^{*} charge for first sample.

^{**} charge for each additional sample, whether at the same or a different sampling location.

Type of Test		<u>Fee</u>	
(F)	Total Hydrocarbons	\$ 940.72 1, <u>001.86</u>	\$ 676.00 <u>719.94</u>
	(i) Hydrogen Sulfide	\$ 905.56 964.42	\$ 452.48 481.89
	(ii) Vinyl Chloride	\$ 391.87 417.34	\$ 287.87 306.58

		Cost Per Sample		
		Specific*	Surcharge**	
(G)	Gas Chromatograph / Mass Spectrometry for Unknown	\$391.87417.34 for five or fewer compounds		
		\$38.7341.24 for each additional compound		
(H)	High Volume Sampler (Fugitive Dust)	\$ 799.72 <u>851.70</u>	\$ 399.78 425.76	
(I)	Total Reduced Sulfur Compounds***	\$ 629.33 <u>670.23</u>	\$ 96.67 <u>102.95</u>	
(J)	Sample Preparation	\$ 48.77 <u>51.94</u>	\$ 29.04 <u>30.92</u>	

(c) Ambient Air Analyses Fees

(1) Automatic-Recording Ambient Air or Atmospheric Monitoring at a Fixed Site

** charge for each additional sample, whether at the same or a different sampling location.

^{*} charge for first sample.

^{***} The Non-Continuous Emission Testing Fee will only be charged if SCAQMD personnel perform the sampling. In the case where the samples are taken by contractor personnel (for compliance) or facility staff (for information only), only the sample analysis fee is applicable.

		Type of Test	Fee
	(A)	Installation of One (1) Wind-Monitoring System at One (1) Site.	\$ 979.98 1,043.67
	(B)	Installation of Each Additional Wind-Monitoring System at the Same Site as (A).	\$ 293.78 <u>312.87</u>
	(C)	Operation of One (1) Wind-Monitoring System At One (1) Site, Including Data Reduction.	\$ 195.83 <u>208.55</u> / day
	(D)	Operation of Each Additional Wind- Monitoring System at Same Site as (C), Including Data Reduction.	\$ 68.49 72.94 / day
(2)	Conti	nuous Automatic-Recording Ambient Monito	ring In Mobile Mode
	(A)	Installation of One (1) Instrument and Wind Monitoring System in Mobile Van.	\$1, 372.42 461.62
	(B)	Installation of Additional Instrument in Mobile Van.	\$4 89.80 521.63
	(C)	Operation of One (1) Instrument and Wind-Monitoring System in Mobile Mode, 10 Hours Per Day, Weekdays Only.	\$ 744.87 <u>793.28</u> / day
	(D)	Operation of One (1) Instrument and Wind-Monitoring System In Mobile Mode, 10 Hours Per Day, Weekends and Holidays.	\$1, 117.39 <u>190.02</u> / day
	(E)	Operation of Each Additional Instrument, Other Than Those Already Installed, in Mobile Van.	\$ 68.49 72.94/ day
(3)	Conti	nuous Non-Recording Ambient Sampling Wi	th Laboratory Analysis of
	Samp	le Collected (Weekdays Only).	
	(A)	Installation of One (1) 24-Hour Sampler (Bag- or Sequential-Impinger).	\$ 979.98 1,043.67 plus lab analysis
	(B)	Installation of Each Additional 24-Hour Sampler.	\$783.94 <u>834.89</u> plus lab analysis
	(C)	Operation of One (1) 24-Hour Sampler and Analysis for One (1) Contaminant Per Sample.	\$342.93365.22 / day \$77.9983.05 for each additional contaminant

(D)	Operation of Each Additional 24-Hour Sampler and Analysis for Same Contaminant in (C).	\$127.16135.42 / day \$58.4562.24 for each additional contaminant
(E)	Operation of 24-Hour, Sequential-Impinger Sampler and Spectrophometric Analysis.	\$686.01730.60 / day for up to 12 samples \$293.78312.87 for each additional set of 12 samples
(F)	Installation of One (1) Non-Sequential Sampler to Collect Less-Than-24-Hour-Samples.	\$1, 176.01 252.45
(G)	Operation of One (1) Non-Sequential Sampler to Collect Less-Than-24-Hour Samples For One Contaminant.	\$ 588.10 <u>626.32</u> / day
(H)	Sample Preparation or Extraction Prior to Analysis.	\$ 195.83 208.55 / day for up to 12 samples
(I)	Spectrophometric Analysis of Each Sample Collected in (G) From Any Number of Samplers Operated for Same Project on Same Day.	\$97.72104.07 for first sample or contaminant \$38.7341.24 for each additional sample or contaminant
(J)	Analysis of Each Sample Collected in (G) For Particulates.	\$\frac{117.09}{124.70}\$ for first sample \$\frac{68.39}{72.83}\$ for each additional sample
(K)	Gas Chromatograph/Mass Spectrometry Identification For Any Sample Collected Above.	\$195.83208.55 for five or fewer contaminants \$19.3520.60 for each additional contaminant

(L) Additional Fees for Sample Pick-up and Analysis After Normal Weekday Working Hours. \$97.72104.07 additional / hour for each hour exceeding 8-hour normal week day for sample pick-up or collection \$1,568.27670.20 additional / day for weekends and holidays requiring sample pick-up and analysis same day

\$1,960.532,087.96 additional / day for weekends and holidays requiring manual sample collection and analysis same day

- (4) Meteorological Monitoring
 - (A) Conduct Upper-Air Observation via Radio or Airsonde.

\$686.04730.63

(B) Conduct Low-Level Air Observation via Tethersonde (8 Hour Program).

\$3,924.844,179.95

(C) Conduct Pilot Balloon Observation (Pibal).

\$3,924.844,179.95 / release

- (5) Landfill Integrated Surface Sampling Program, per Rule 1150.1 Guidelines
 - (A) Conduct Less-Than 24-Hour, Integrated-Surface-Sampling Program Over three (3) 50,000 Square-Foot Grids. Program Includes: Installation and Operation of Wind-Monitoring System; Set-Up of Sample Grid Areas: Conduct of Sampling Sweeps; and Analysis for One (1) Contaminant Per Sample Bag.

\$2,940.863,132.01 / grid

(B) Conduct Less-Than-24-Hour, Integrated-Landfill-Surface-Sampling Program Over Each Additional 50,000 Square-Foot Grid At The Same Site as (A).

\$636.86678.25

- (6) SF6 Gas-Tracer Study
 - (A) Conduct SF6 Gas-Tracer Study With Up to Sixty (60) Samples, Including Installation and Operation of a Wind-Monitoring System and Tethersonde Observations.
 - (B) Collection and Analysis of Each Additional Sample for (A).

\$97.72104.07

ATTACHMENT G5

(Adopted 1/4/1985)(Amended 6/5/1987)(Amended 6/3/1988)(Amended 1/6/1989)(Amended 11/3/1989)
(Amended 7/6/1990)(Amended 6/11/1993)(Amended 6/10/1994)(Amended 5/12/1995) (Amended 5/10/1996)
(Amended 5/9/1997)(Amended 5/8/1998)(Amended 5/14/1999)(Amended 5/19/2000)(Amended 5/11/2001)
(Amended 5/3/2002)(Amended 6/6/2003)(Amended 7/9/2004)(Amended 6/3/2005)(Amended 6/9/2006)
(Amended 5/4/2007)(Amended 5/2/2008)(Amended 6/5/2009)(Amended 5/7/2010)(Updated 7/1/2011)
(Updated 7/1/2012)(Updated 7/1/2013) (Amended 6/6/2014)(Amended 5/1/2015)(Amended 5/6/2016)
(Updated 7/1/2016)(Amended 6/2/2017)(Amended 5/4/2018)(Amended 3/1/2019)(Amended 5/3/2019)
(Updated 7/1/2020)(Updated 7/1/2021)(Proposed Amended May 6, 2022)

Proposed Effective July 1, 20212022

PROPOSED AMENDED RULE 306. PLAN FEES

(a) Summary

California Health and Safety Code Section 40522 provides authority for the South Coast Air Quality Management District to adopt a fee schedule for the approval of plans to cover the costs of review, planning, inspection, and monitoring related to activities conducted pursuant to the plans. An annual fee may also be charged to cover the costs of annual review, inspection, and monitoring related thereto. This rule establishes such a fee schedule, and requires that fees be paid for:

- (1) Filing of plans;
- (2) Evaluation of the above plans;
- (3) Inspections to verify compliance with the plans;
- (4) Duplicate plans;
- (5) Change of condition; and
- (6) Annual review/renewal of plans, if applicable-: and
- (7) Preparation of a Rule 1480 Alternative Monitoring and Sampling Plan.

(b) Definitions

For the purpose of this rule, a plan is any data and/or test report (including equipment certification source tests) required by federal or state law, or District Rules and Regulations to be submitted to the District. A plan may be a description of a method to control or measure emissions of air contaminants required by the Rules and Regulations. Plans include, but are not limited to, the following: Demonstration Plan; Application Test Plan; Implementation Plan; Compliance Plan; Management Plan; Control Plan; CEQA Mitigation Monitoring Plan; Acid Rain Repowering Extension Plan and Compliance Plan; Acid Rain Continuous Emission Monitoring System Plan; Acid Rain Protocol/Report Evaluation; VOC Excavation Mitigation Plans (Site Specific and Various Locations); Reduction of Refrigerant Emissions from Stationary Refrigeration and Air Conditioning Systems

Plan; Title V Exclusion Requests; Smoke Management Plans; Burn Management Plans; Emergency Burn Plans; Post Burn Evaluation Reports; Rule 109 Alternative Recordkeeping System Plan; Solid Waste Air Quality Assessment Test Reports (Health and Safety Code Section 41805.5); Compliance Assurance Monitoring Plan (40 CFR 64); Maximum Achievable Control Technology MACT Exemption Requests; Equipment Certification Source Test Reports; and MACT Case-by-Case Analysis; and Rule 463 Floating Roof Tank Seal Certifications.

(c) Plan Filing Fee

The filing fee for a plan or change of condition shall be as follows:

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 168.57 <u>179.52</u>	\$ 211.24 224.97

(d) Plan Evaluation Fee

The plan evaluation fee shall be an amount equal to the total actual and reasonable time incurred by District staff for evaluation of a plan, assessed at the hourly rate or prorated portion thereof as follows:

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 168.57 <u>179.52</u>	\$ 211.24 224.97

(e) Duplicate Plan Fee

A request for a duplicate plan shall be made in writing by the applicant. The applicant shall pay the fee as shown in the table below in this subdivision for each plan requested:

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 27.35 29.12	\$ 34.26 36.48

(f) Inspection Fee

The inspection fee for plan verification shall be an amount equal to the total actual and reasonable time incurred by the District for inspection and verification of the plan, assessed at the hourly rate per inspection staff or prorated portion thereof as shown in the table below in this subdivision. For inspections conducted outside of

regular District working hours, the fee shall be assessed at the rate of 150% of the above hourly rate. This subdivision shall not apply to plans subject to Rule 306(h).

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 134.80 143.56	\$ 168.90 179.87

(g) Change of Condition Fee

Any request for a change of condition on a VOC Excavation Mitigation Plan shall be made in writing by the applicant. A request submitted after thirty (30) days of the issuance of the plan shall be subject to additional fees assessed at the hourly rate shown in the table below in this subdivision for time spent evaluating the plan. Such fees shall be imposed at the time the review is completed.

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 168.57 <u>179.52</u>	\$ 211.2 4 <u>224.97</u>

(h) Annual Review/Renewal Fee

An annual review/renewal fee shall be charged for plans listed in the following table in this subdivision. The annual review/renewal fee shall be an amount equal to the Rule 301(d)(2) Schedule A fee. In addition, annual reviews/renewals shall meet all relevant and applicable requirements of Rule 301(d) and 301(g), and be paid on an annual renewal date set by the Executive Officer.

Annual Review/Renewal Plan Fee by Rule Number

Rule/Reference	Plan Type
410	Odor Monitoring
431.1	Sulfur Content of Gaseous Fuels
462	Organic Liquid Loading Continuous Monitoring System (CMS) Plan
463(e)(1)(A)	Organic Liquid Storage - Self-Inspection of Floating Roof Tanks
1105.1	Reduction of PM10 and Ammonia Emissions from Fluid Catalytic Cracking Units
1109.1	Emissions of Oxides of Nitrogen from Petroleum Refineries and Related Operations

Rule/Reference	Plan Type		
1118	Control of Emissions from Refinery Flares - Flare Minimization Plan Control of Emissions from Refinery Flares - Flare		
	Control of Emissions from Refinery Flares – Flare Monitoring and Recording Plan		
1123	Refinery Process Turnarounds		
1132	Further Control of VOC Emissions from High-Emitting Spray Booth Facilities		
1150	Excavation Management		
1150.1.	Active Landfill Control of Gaseous Emissions		
1158	Storage, Handling, and Transport of Coke, Coal and Sulfur - Open Pile Control Plan		
1166	Volatile Organic Compound Emissions from Decontamination of Soil – Fixed Site		
1100	Volatile Organic Compound Emissions from Decontamination of Soil - Various locations		
1173	Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants (h)(2)		
1176	VOC Emissions Waste Water System		
1407	Non Ferrous Metal Melting		
1420	Emissions of Lead		
	Rule– Compliance Plan		
1420.1	Continuous Furnace Pressure Monitoring Plan		
	Compliance Plan for Closure Activities		
1469	Chrome Plating Operations		
1469.1	Spray Coating Chromium		
1470	Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines		
40 CFR 63 Subpart UUU	Operation, Maintenance, and Monitoring Plans required by National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units		
40 CFR 64.7	Compliance Assurance Monitoring Plan		

(i) Payment of Fees

(1) Plan Filing and Plan Evaluation Fees

In addition to payment of the filing fee pursuant to subdivision (c), the initial payment for plan evaluation fees shall be as shown in the table below in this subparagraph and paid at the time of filing. The adjustment to plan evaluation fees will be determined at the time a plan is approved or rejected and may include additional fees based upon actual review and work time billed at a rate pursuant to subdivision (d). Notification of the amount due or refund will be provided to the applicant, and any additional fees due to the adjustment to plan evaluation fees will be billed following project completion.

A – Rule 403 and 461 Plans and Rule 1166 Various Location Plans	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 168.57 <u>179.52</u>	\$ 211.24 224.97
B – Rule 444, 1133 and 1415 Plans	See Rule 306 (c)	See Rule 306 (c)
C – All Other Plans, including Rule 1166 Fixed Site Plans	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 590.01 <u>628.36</u>	\$ 739.3 4 <u>787.39</u>

(2) Independent Consultant Fees

In the case that the Executive Officer requires a qualified independent consultant, engaged by the District under a contract, to review the plan, the fees charged by the consultant will be in addition to all other fees required.

(3) Payment Due Date

Payment of all applicable fees, including annual review/renewal fee, shall be due in sixty (60) days from the date of personal service or sending by mail, electronic mail, or other electronic means, of the notification of the amount due. Non-payment of the fee within this time period will result in expiration of the plan. For the purpose of this paragraph, the fee payment will be considered to be received by the District if it is delivered, postmarked, or electronically paid on or before the expiration date stated on the billing notice. If the expiration date falls on a Saturday, Sunday, or a

state holiday, the fee payment may be delivered, postmarked, or electronically paid on the business day following the Saturday, Sunday, or the state holiday with the same effect as if it had been delivered, postmarked, or electronically paid on the expiration date. No further plan applications will be accepted until such time as all overdue fees have been fully paid.

(4) Fee Due Date Exception

Whenever the Executive Officer has reasonable cause to believe that the plan evaluation fee will be less than the fee for one hour's work, the fee need not be paid at the time of filing and notification of amount due, if any, shall be sent at the time the plan is approved or rejected.

(5) Optional Expedited Plan Evaluation Processing Fee

Initial fees for requested expedited processing of plan evaluation shall be an additional fifty percent (50%) of the applicable plan filing and initial evaluation fees pursuant to paragraph (i)(1), and shall be submitted at the time that the expedited processing is requested. The adjustment to expedited plan evaluation processing fee will be determined at the time a plan is approved or rejected and may include additional fees based upon actual review and work time billed at a rate for staff overtime which is equal to one-half of staff's hourly rate as specified in subdivision (d). Notification of the amount due or refund will be provided to the applicant and any additional fees due to the adjustment to expedited plan evaluation processing fees will be billed following project completion. A request for expedited plan evaluation work can only be made upon initial work submittal, and approval of such a request is contingent upon the ability of the District to implement the necessary policies and procedures and the availability of qualified staff for overtime work.

(j) Small Business Discount

For small businesses filing plans, the fees assessed shall be fifty percent (50%) of the amounts specified in subdivisions (c), (d), (f), and (g).

(k) Alternative Recordkeeping System Plan Discount

For alternative recordkeeping system plan filed pursuant to Rule 109, the fee assessed shall be fifty percent (50%) of the amount specified in subdivisions (d), (f), and (g).

(l) Plan Application Cancellation Fee

The plan application cancellation fee shall be as shown in the table below in this subdivision. The cancellation fee shall not apply when the application was filed based on an erroneous District request.

Facility Type	Non-Title V	Title V
FY 2019-20 and thereafter	\$ 224.70 239.30	\$ 281.57 299.87

(m) Protocol/Report/Catalyst Equivalency Evaluation Fees

- (1) A minimum fee of \$443.04471.83 shall be charged for the evaluation of source test protocols and reports. Additional fees for time spent on the evaluation in excess of 5 hours shall be assessed at the hourly rate specified in subdivision (d) for non-Title V facilities. The established minimum fee and additional fees for time spent on the evaluation in excess of 5 hours shall be billed after project completion. Fees are due at the time specified in the bill, which will allow a reasonable time for payment.
- (2) The fee for catalyst equivalency evaluation requests shall be the actual and reasonable evaluation hours assessed at the hourly rate specified in subdivision (d), and billed after project completion. Fees are due at the time specified in the bill, which will allow a reasonable time for payment.

(n) Exemptions

Mobile Source Emission Reduction Credit (MSERC) Applications, Compliance Plans required under Regulation XVI and Rule 2449 – Control of Oxides of Nitrogen from Off-Road Diesel Vehicles and Technical Infeasibility Certification Requests as cited in District Fleet Rules under Regulation XI shall be exempt from the provisions of this rule. Fees for Regulation XVI MSERC Applications and Compliance Plans shall be assessed in accordance with District Rule 309.

(o) Government Agencies

Federal, state, or local government agencies or public districts shall pay all fees.

- (p) Air Quality Investment Program (AQIP) Effective July 1, 1996, all Air Quality Investment Program (AQIP) fees shall be subject to Rule 311 and all other Rule 2202 registration fees shall be subject to Rule 308.
- (q) Optional Expedited Protocol/Report/Catalyst Equivalency Evaluation Processing Fee
 - (1) Fees for requested expedited processing of Protocol/Report Evaluations, will be an additional fee based upon actual review and work time billed at a rate for staff overtime which is equal to one-half of staff's hourly rate as specified in subdivision (d) for non-Title V facilities. The established "minimum fee" and additional fees for time spent on the evaluation in excess of 5 hours found in Rule 306(m)(1) shall be paid with the additional overtime fee billed following project completion. Fees are due at the time specified in the bill which will allow a reasonable time for payment. Request for expedited Protocol/Report Evaluation work can only be made upon initial work submittal, and approval of such a request is contingent upon the ability of the District to implement the necessary policies and procedures and the availability of qualified staff for overtime work.
 - (2) Fees for requested expedited processing of Catalyst Equivalency Evaluations, will be an additional fee based upon actual review and work time billed at a rate for staff overtime which is equal to one-half of staff's hourly rate as specified in subdivision (d). The established fee described in Rule 306(m)(2) shall be paid with the additional overtime fee and will be billed following project completion. Fees are due at the time specified in the bill, which will allow a reasonable time for payment.
- (r) Regulation XXVII Fees
 - (1) Fees for Rule 2701 SoCal Climate Solutions Exchange
 - (A) Entities submitting a plan will be assessed a filing fee of \$152.04161.92.
 - (B) The fee for review and verification of Certified Greenhouse Gas Emission Reductions by SCAQMD staff shall be assessed at \$152.04161.92 per hour or a prorated portion thereof.
 - (2) Fees for Rule 2702 Greenhouse Gas Reduction Program

- (A) Upon submitting a completed Greenhouse Gas Reduction Program Request to the Executive Officer for certified emission reductions an entity shall pay a fee of \$152.04161.92.
- (B) Individuals or households wishing to participate are exempt from the plan fees for reductions used to offset personal, household or event GHG emissions.
- The fee for preparing an Alternative Monitoring and Sampling Plan to meet the requirements of Rule 1480(e)(1)(E)(i) and Rule 1480(e)(1)(F) through (e)(1)(I) shall be \$6,000, the payment of which shall be the responsibility of the owner or operator of a facility subject to Rule 1480.

ATTACHMENT G6

(Adopted 5/10/1996)(Amended 5/14/1999)(Amended 5/19/2000)(Amended 5/11/2001)(Amended 5/3/2002)
(Amended 6/6/2003)(Amended 7/9/2004)(Amended 6/3/2005)(Amended 6/9/2006)(Amended 5/4/2007)
(Amended 5/2/2008)(Amended 6/5/2009)(Amended 5/7/2010)(Updated 7/1/2011)(Updated 7/1/2012)
(Updated 7/1/2013)(Amended 6/6/2014)(Amended 5/1/2015)(Updated 7/1/2016)(Amended 10/7/2016)
(Amended 6/2/2017)(Amended 5/42018) (Amended 3/1/2019)(Amended 5/3/2019)(Updated 7/1/2020)
(Updated 7/1/2021)(Proposed Amended May 6, 2022)

Proposed Effective July 1, 20212022

PROPOSED AMENDED RULE 307.1 ALTERNATIVE FEES FOR AIR TOXICS EMISSIONS INVENTORY

(a) Purpose

California Health and Safety Code Section 44300 et seq. provides authority for the District to adopt a fee schedule to recover the cost of implementing and administering the Air Toxics "Hot Spots" Information and Assessment Act of 1987. The District will annually collect from the owner/operator of each facility meeting the criteria set forth in paragraph (b)(1), (b)(2), and (b)(3), and each owner/operator shall pay, fees which shall provide for the following:

- (1) Recovery of anticipated costs to be incurred by the California Air Resources Board (CARB) and Office of Environmental Health Hazard Assessment (OEHHA) to implement and administer the Act, and any costs incurred by OEHHA or its independent contractor for review of facility risk assessments submitted to the State after March 31, 1995 under Health and Safety Code Section 44361(c).
- (2) Recovery of anticipated costs to be incurred by the District to implement and administer the Act, including but not limited to the cost incurred to review emission inventory plans, emission inventory data, air toxics inventory reports, risk assessments, to verify plans and data, and to administer this rule, Rule 1402 Control of Toxic Air Contaminants from Existing Sources, and the Air Toxics "Hot Spots" program.

(b) Applicability

Except for facilities exempted by Health and Safety Code Sections 44324, 44344.4(a), or 44380.1, this rule applies to any facility that operates in any portion of the fiscal year for which the fee is assessed and which:

(1) Manufactures, formulates, uses, or releases any of the substances listed by the State Board pursuant to Health and Safety Code Section 44321 and contained in Appendix A of the Guidelines Report, or any other substance

- which reacts to form a substance so listed, and releases ten (10) tons per year or greater of any criteria pollutant;
- (2) Manufactures, formulates, uses or releases any listed substance or any other substance which reacts to form any listed substance, and which releases less than ten (10) tons per year of any criteria pollutant and falls in any class listed in Appendix E of the Guidelines Report;
- (3) Is reinstated under Health and Safety Code Section 44344.7; or
- (4) Is subject to Rule 1402.

(c) Definitions

For the purpose of this rule, the following definitions shall apply:

- (1) COMPLEX FACILITY means a facility that has more than five (5) processes as determined by six-digit Source Classification Codes (SCC).
- (2) CRITERIA POLLUTANT means total organic gases, particulate matter, nitrogen oxides, or sulfur oxides.
- (3) DIESEL ENGINE means an internal combustion engine with operating characteristics similar to the theoretical diesel combustion cycle. The regulation of power by controlling fuel supply in lieu of a throttle is indicative of a diesel (or compression ignition) engine.
- (4) DIESEL ENGINE FACILITY means any facility which has a diesel engine and is not subject to any other Rule 307.1 fees.
- (5) DIESEL-FUELED as defined in Rule 1470 Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines (Rule 1470).
- (6) Diesel Particulate Matter (PM) as Defined In Rule 1470.
- (7) DISTRICT means South Coast Air Quality Management District.
- (8) DISTRICT TRACKING FACILITY means a facility:
 - (A) That has been prioritized by the District in accordance with Health and Safety Code Section 44360(a) using procedures that have undergone public review and that are consistent with the procedures presented in the most current version of the SCAQMD "Facility Prioritization Procedures For AB 2588 Program", which is incorporated by reference herein;
 - (B) That is required by the District to submit a quadrennial emissions inventory update pursuant to Health and Safety Code Section 44344 during the applicable fiscal year; and

- (C) Whose prioritization scores for cancer and non-cancer health effects are both greater than 1.0 and equal to or less than 10.0.
- (9) FACILITY has the same meaning as defined in Section 44304 of the Health and Safety Code.
- (10) FACILITY PROGRAM CATEGORY means a grouping of facilities, meeting the definitions in paragraphs (c)(1), (c)(4), (c)(8), (c)(12), (c)(13), (c)(17), (c)(20), (c)(21), (c)(22), (c)(24), (c)(29), (c)(32), or (c)(33) of this rule.
- (11) GUIDELINES REPORT (Air Toxics Hot Spots Emission Inventory Criteria and Guidelines Report) is the report incorporated by reference under Section 93300.5 of this title that contains regulatory requirements for the Air Toxics Hot Spots Emission Inventory Program.
- (12) HRA TRACKING FACILITY means a facility that has been prioritized by the District in accordance with Health and Safety Code Section 44360(a) using procedures that have undergone public review and that are consistent with the procedures presented in the most current version of the SCAQMD "Facility Prioritization Procedures For AB 2588 Program", which is incorporated by reference herein, and the greater of the facility's prioritization scores for cancer and non-cancer health effects is greater than 10.0, and meets either one of the following criteria:
 - (A) The facility has had its health risk assessment approved by the District in accordance with Health and Safety Code Section 44362 and the risk assessment results show a total potential cancer risk, summed across all pathways of exposure and all compounds, of equal to or greater than 1.0 and less than ten (10) cases per million persons and a total hazard index for each toxicological endpoint, both acute and chronic, of less than or equal to 1.0; or
 - (B) The facility has had its health risk assessment approved by the District in accordance with Health and Safety Code Section 44362 and the risk assessment results show a total hazard index for each toxicological endpoint, either acute or chronic, of greater than or equal to 0.1, but less than or equal to 1.0, and a total potential cancer risk, summed across all pathways of exposure and all compounds, of less than ten (10) cases per million persons.
- (13) MEDIUM FACILITY means a facility that has three (3) to five (5) processes as determined by six-digit SCCs.

- (14) NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) CODE is the standard used to classify business establishments developed under the auspices of the United States Office of Management and Budget, which is herein incorporated by reference.
- (15) OEHHA means the Office of Environmental Health Hazard Assessment, California Environmental Protection Agency.
- (16) OPERATOR means the person who owns or operates a facility or part of a facility.
- (17) POTENTIALLY HIGH RISK LEVEL FACILITY means a facility designated by the Executive Officer pursuant to the definition in Rule 1402.
- (18) POTENTIALLY HIGH RISK LEVEL FACILITY FEE means the fee charged to facilities upon designation as a Potentially High Risk Level Facility under Rule 1402. The fee will be assessed on a Time and Materials (T&M) basis to cover the District's costs in determining Rule 1402 compliance. This includes, but is not limited to, evaluation of findings pursuant to Rule 1402(g).
- (19) PRIORITIZATION SCORE GREATER THAN TEN (10.0) FACILITY means a facility that does not have an approved health risk assessment and has been prioritized by the District in accordance with Health and Safety Code Section 44360(a) using procedures that have undergone public review and that are consistent with the procedures presented in the most current version of the SCAQMD "Facility Prioritization Procedures For AB 2588 Program", which is incorporated by reference herein, and the greater of the facility's prioritization scores for cancer and non-cancer effects is greater than 10.0.
- (20) RISK OF 10.0 TO LESS THAN 50.0 PER MILLION FACILITY means a facility that has had its health risk assessment approved by the District in accordance with Health and Safety Code Section 44362 and whose risk assessment results meet either of the following criteria:
 - (A) A total potential cancer risk, summed across all pathways of exposure and all compounds, of greater than or equal to 10.0, but less than 50.0 cases per million persons; or
 - (B) A total hazard index for each toxicological endpoint, either acute or chronic, of greater than 1.0 and a total potential cancer risk, summed across all pathways of exposure and all compounds, of less than 50.0.

- (21) RISK OF 50.0 TO LESS THAN 100.0 PER MILLION FACILITY means a facility that has had its health risk assessment approved by the District in accordance with Health and Safety Code Section 44362 and whose risk assessment results show a total potential cancer risk, summed across all pathways of exposure and all compounds, of greater than or equal to 50.0, but less than 100.0 cases per million persons.
- (22) RISK OF 100.0 PER MILLION OR GREATER FACILITY means a facility that has had its health risk assessment approved by the District in accordance with Health and Safety Code Section 44362 and whose risk assessment results show a total potential cancer risk, summed across all pathways of exposure and all compounds, of greater than or equal to 100.0 cases per million persons.
- (23) SIGNIFICANT RISK LEVEL is a maximum individual cancer risk of at least one hundred per million (100 x 10⁻⁶) or a total acute or chronic hazard index of at least five (5) for any target organ system at any receptor location.
- (24) SIMPLE FACILITY means a facility that has one (1) or two (2) processes as determined by six-digit SCC.
- (25) SMALL BUSINESS for the purpose of this rule, means a facility which is independently owned and operated and has met all of the following criteria in the preceding year:
 - (A) The facility has ten (10) or fewer (annual full-time equivalence) employees;
 - (B) The facility's total annual gross receipts are less than \$1,000,000; and
 - (C) The total annual gross receipts of the facility's California operations are less than \$5,000,000.
- (26) SOURCE CLASSIFICATION CODES (SCC) means number codes created by the United States Environmental Protection Agency used to identify processes associated with point sources that contribute emissions to the atmosphere.
- (27) SPECIAL REVIEW FEE means the fee charged to facilities to cover the cost of the qualified District personnel or a qualified consultant, as determined by the Executive Officer (EO), engaged by the District under contract, in the event that the EO determines that an air toxics inventory report or health risk assessment should be revised and the owner/operator cannot perform this task without errors or delays.

- (28) STATE COSTS means the reasonable anticipated cost which will be incurred by the CARB and OEHHA to implement and administer the Act, as shown in the District staff report.
- (29) STATE INDUSTRY-WIDE FACILITY means a facility that (1) qualifies to be included in an industry-wide emission inventory prepared by the District pursuant to Health and Safety Code Section 44323, (2) releases, or has the potential to release, less than ten tons per year of each criteria pollutant, and (3) is either of the following:
 - (A) A facility in one of the following four classes of facilities: autobody shops, as described by NAICS Codes 441110 or 811121; gasoline stations, as described by NAICS Codes 447110 and 447190; dry cleaners, as described by NAICS Code 812320; and printing and publishing, as described by NAICS Codes 323111 through 323117 or 511110 through 511199; or
 - (B) A facility that has not prepared an Individual Plan and Report in accordance with sections 44340, 44341, and 44344 of the Health and Safety Code and for which the District submits documentation for approval by the Executive Officer of the CARB, verifying that the facility meets the requirements of Health and Safety Code Section 44323(a)-(d).
- (30) SUPPLEMENTAL FEE means the fee charged, pursuant to Section 44380.5 of the Health and Safety Code, to cover the costs of the District to review a health risk assessment containing supplemental information which was prepared in accordance with the provisions of Section 44360(b)(3) of the Health and Safety Code.
- (31) TOTAL ORGANIC GASES (TOG) means all gases containing carbon, except carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate.
- (32) UNPRIORITIZED FACILITY means a facility that has not been prioritized by the District in accordance with Health and Safety Code Section 44360(a) using procedures that have undergone public review and that are consistent with the procedures presented in the most current version of the SCAQMD "Facility Prioritization Procedures For AB 2588 Program", which is incorporated by reference herein.

(33) VOLUNTARY RISK REDUCTION FACILITY means a facility that elected to participate in the Voluntary Risk Reduction Program pursuant to Rule 1402.

(d) Fees

All sources subject to this rule shall be assessed an annual fee pursuant to Table I of this rule.

(1) Calculation of Fees

- (A) The District will establish the fee applicable to each facility for the recovery of State and District costs. The District will use State costs and District costs to calculate fees, and will take into account and allow for the unanticipated closing of businesses, nonpayment of fees, and other circumstances which would result in a shortfall in anticipated revenue; and
- (B) The District will calculate fees on the basis of the Facility Program Category as set forth by July 1 of the applicable fiscal year, except for facilities excluded under subparagraph (d)(9) of this rule.

(2) Flat Fees

- (A) A facility in the State Industry-Wide Facility Program Category, as defined in this rule, shall be assessed the fee specified in Table I.
- (B) A facility in the District Tracking Program Category, as defined in this rule, will be assessed the annual fee specified in Table I to cover the cost to the District to review the facility's quadrennial emission inventory update.
- (C) A facility in the Diesel Engine Facility Program Category, as defined in this rule, shall be assessed the annual Flat Fee specified in Table I.
- (D) The maximum fee that a small business as defined in this rule shall pay is \$300.
- (E) The supplemental fee as defined in this rule, which may be assessed upon the operator of a facility, shall be no higher than \$3,361.61580.11.

(3) Special Review Fees

When a facility's air toxics inventory report or health risk assessment submitted pursuant to Rule 1402 is prepared or revised by District personnel or a contractor engaged by the District, the owner/operator of the facility

for which an air toxics inventory report or health risk assessment is performed shall pay the fees equal to the total actual and reasonable time incurred by District, including actual contractor costs as invoiced and District staff time assessed at the hourly rate of \$150.62. When the air toxics inventory report or health risk assessment is conducted or is evaluated and verified by a consultant engaged by the District or District personnel, the fees charged will be in addition to all other fees required.

(4) Voluntary Risk Reduction Facility Fees

A Voluntary Risk Reduction Facility, as defined in this rule, shall be assessed the fee specified in Table I until approval of the Final Implementation Report under Rule 1402 paragraph (j)(2). Once the Final Implementation Report is approved by the Executive Officer, the Voluntary Risk Reduction Fee shall be assessed the HRA Tracking Facility Program Category specified in Table I.

(5) Potentially High Risk Level Facility Fees

When a facility is designated as a Potentially High Risk Level Facility, as defined under Rule 1402, the owner/operator of the facility shall pay a fee for staff time at the rate of \$172.88 per hour to offset the District's costs to determine Rule 1402 compliance. The Potentially High Risk Level Facility Fees are billed annually and are due at the time of the AB 2588 annual billing which allows a reasonable time for payment. The Potentially High Risk Level Facility Fees will not exceed \$100,000 per year per facility.

(6) Public Notifications and Meetings

When public notification is required pursuant to Rule 1402 subdivision (q), the facility owner/operator shall either directly pay or reimburse the District for costs of Public Meetings, including venue rental, audio visual rental equipment and personnel, mailing, translation services, parking, security, and equipment rental.

- (7) Fee Payment and Collection; Effect of Failure to Pay
 - (A) The District will notify and assess the operator of each facility subject to this rule in writing of the fee due. The operator shall remit the fee to the District within sixty (60) days after the receipt of the fee assessment notice or the fee will be considered past due. For the purpose of this rule, the fee payment will be considered received by the District if it is delivered, postmarked, or electronically paid on or before the due date stated on the billing notice. If the due date

falls on a Saturday, Sunday, or a state holiday, the fee payment may be delivered, postmarked, or electronically paid on the next business day following the Saturday, Sunday, or state holiday with the same effect as if it had been delivered, postmarked, or electronically paid on the due date.

(B) If an operator fails to pay the fee within sixty (60) days of this notice pursuant to subparagraph (d)(7)(A) of this rule, the District may assess a surcharge of not more than one hundred percent (100%) of the assessed fee, but in an amount sufficient, in the District's determination, to pay the District's additional expenses incurred by the operator's non-compliance. If an operator fails to pay the fee within 120 days after receipt of this notice, the District may initiate permit revocation proceedings. If any permit is revoked it shall be reinstated only upon full payment of the overdue fees plus any surcharge as specified in this subparagraph.

(8) Payment to the State

The District will collect the fees assessed by or required to be assessed by this rule. After deducting the costs to the District to implement and administer the program, the District will transmit to the State Board the amount the District is required to collect for recovery of state costs as specified in Table I.

(9) Exemptions

A facility shall be exempt from paying fees if, by July 1 of the applicable Fiscal Year, any one or more of the following criteria are met:

- (A) The facility has been prioritized by the District in accordance with Health and Safety Code Section 44360(a) using procedures that have undergone public review, and the facility's prioritization score is less than or equal to 1.0 for both cancer and non-cancer health effects. The procedure for estimating priority of facilities were developed based on the most current approved version of SCAQMD "Facility Prioritization Procedures For AB 2588 Program", which is incorporated by reference herein.
- (B) The facility had its health risk assessment approved by the District in accordance with Health and Safety Code Section 44362 and the risk assessment results show a total potential cancer risk, summed across all pathways of exposure and all compounds, of less than one

case per one million persons and a total hazard index for each toxicological endpoint, both acute and chronic, of less than 0.1. Some appropriate procedures for determining potential cancer risk and total hazard index are presented in the most current approved version of the OEHHA "Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments" and SCAQMD "Supplemental Guidelines for Preparation of Health Risk Assessments for the Air Toxics "Hot Spots" Information and Assessment Act", which are incorporated by reference herein.

- (C) The facility primarily performs printing as described by NAICS Codes 323111 through 323117 or 511110 through 511199, and the facility uses an annualized average of two (2) gallons per day or less [or seventeen (17) pounds per day or less] of all graphic arts materials (deducting the amount of any water or acetone) unless the District required a health risk assessment and results show the facility would not qualify under subparagraph (d)(9)(A) of this rule.
- (D) The facility is a wastewater treatment plant as described by NAICS Code 221320, the facility does not have a sludge incinerator and the maximum throughput at the facility does not exceed 10,000,000 gallons per day of effluent unless the District required a health risk assessment and results show the facility would not qualify under subparagraph (d)(9)(A) of this rule.
- (E) The facility is a crematorium for humans, animals, or pets as described by NAICS Codes 812210, 812220, or any NAICS Code that describes a facility using an incinerator to burn biomedical waste (animal), the facility uses propane or natural gas as fuel, and the facility annually cremates no more than 300 cases (human) or 43,200 pounds (human or animal) unless the District required a health risk assessment and results show the facility would not qualify under subparagraph (d)(9)(A) of this rule. Facilities using incinerators that burn biomedical waste other than cremating animals do not qualify for this exemption.
- (F) The facility is primarily a boat building and repair facility or primarily a ship building and repair facility as described by NAICS Codes 336611, 336612, 488390 or 811490, and the facility uses twenty (20) gallons per year or less of coatings or is a coating

- operation using hand held non-refillable aerosol cans only unless the District required a health risk assessment and results show the facility would not qualify under subparagraph (d)(9)(A) of this rule.
- (G) The facility is a hospital or veterinary clinic building that is in compliance with the control requirements specified in the Ethylene Oxide Control Measure for Sterilizes and Aerators, section 93108 of this title and has an annual usage of ethylene oxide of less than 100 pounds per year if it is housed in a single story building, or has an annual usage of ethylene oxide of less than 600 pounds per year if it is housed in a multi-story building unless the District required a health risk assessment and results show the facility would not qualify under subparagraph (d)(9)(A) of this rule.
- (H) The facility was not required to conduct a risk assessment under Health and Safety Code Section 44360(b), and the District, or the facility with the concurrence of the District, has conducted a worst-case, health conservative risk assessment using screening air dispersion modeling criteria set forth in Appendix F of the Guidelines Report and has demonstrated to the satisfaction of the District that the facility's screening risk levels meet the criteria set forth in subparagraph (d)(9)(A) of this rule.

TABLE I
FACILITY FEES BY PROGRAM CATEGORY

FACILITY PROGRAM CATEGORY	COMPLEXITY	DISTRICT FEE	STATE FEE	TOTAL FACILITY FEE
	Simple Facility	\$4 77.37 <u>508.</u> <u>39</u>	\$67	<u>\$575.39</u> \$544.37
HRA Tracking ¹	Medium Facility	\$ 689.57<u>734.</u> <u>39</u>	\$100	<u>\$834.39</u> \$ 789.57
	Complex Facility	\$ 901.79 <u>960.</u> <u>40</u>	\$134	\$1,094.40 \$1,035.79
	Simple Facility	\$ 709.45 <u>755.</u> <u>56</u>	\$402	<u>\$1,157.56</u> \$1,111.45
Unprioritized	Medium Facility	\$ 3,887.81 <u>4,</u> <u>140.51</u>	\$603	<u>\$4,743.51</u> \$4,490.81
	Complex Facility	\$5, 166.35 50 2.16	\$804	<u>\$6,306.16</u> \$5,970.35
	Simple Facility	\$6, 019.92 41 1.21	\$1,674	\$8,085.21 \$7,693.92
PS>10, No HRA	Medium Facility	\$6,44 <u>7.69</u> 86 6.79	\$2,009	<u>\$8,875.79</u> \$8,456.69
	Complex Facility	\$ 6,872.15 <u>7,</u> 318.84	\$2,344	\$9,662.84 \$9, 216.15
	Simple Facility	\$7, 299.87 <u>77</u> <u>4.36</u>	\$3,014	<u>\$10,788.36</u> \$10,313.87
Risk ≥10 <50 in a million or HI>1	Medium Facility	\$ 7,725.96 <u>8,</u> 228.14	\$3,349	\$11,577.14 \$11,074.96
	Complex Facility	\$8, 152.09 <u>68</u> <u>1.97</u>	\$3,684	\$12,365.97 \$11,836.09
	Simple Facility	\$ 8,579.82 9, 137.50	\$4,353	\$13,490.50 \$12,932.82
Risk ≥50 <100 in a million	Medium Facility	\$9, 004.2658 <u>9.53</u>	\$4,688	\$14,277.53 \$13,692.26
	Complex Facility	\$ 9,431.99 <u>10</u> .045.06	\$5,023	<u>\$15,068.06</u> \$14,454.99
	Simple Facility	\$ 9,859.79 <u>10</u> ,500.67	\$5,693	\$16,193.67 \$15,552.79
Risk ≥ 100 in a million	Medium Facility	\$10, 284.21 9 52.68	\$6,028	\$16,980.68 \$16,312.21
	Complex Facility	\$ 10,716.18 <u>1</u> <u>1,412.73</u>	\$6,363	\$17,775.73 \$17,079.18
Potentially High Risk Level	Simple Facility	T&M ²	\$5,693 ³	$(T\&M^2 + 5,693^3)$
	Medium Facility	T&M ²	\$6,0283	$T_{\rm W}^2 + 6,028^3$
	Complex Facility	T&M ²	\$6,363 ³	$T + 6,363^3$
Voluntary Risk Reduction	Simple Facility	\$5,249.21	\$1,674	\$6,923.21

	Medium Facility	\$5,622.20	\$2,009	\$7,631.20
	Complex Facility	\$5,992.31	\$2,344	\$8,336.31
District Tracking ⁴		\$ 263.88 <u>281.</u> <u>03</u>		<u>\$281.03</u> \$263.88
State Industry-wide		\$ 192.16 <u>204.</u> <u>65</u>	\$35	<u>\$239.65</u> \$227.16
Diesel Engine Facility		\$ 143.88 <u>153.</u> <u>23</u>		<u>\$153.23</u> \$143.88

¹HRA Tracking --- (PS > 10 with HRA) Risk ≥ 1 , <10 in a million, or HI ≥ 0.1 , ≤ 1

HRA --- Health Risk Assessment

HI --- Hazard Index, Acute or Chronic

PS --- Priority Score

²T&M --- Annual District fee will be capped at \$100,000 per year per facility.

 $^{^3}$ For facilities with Risk > 100 in a million, the state fee is equivalent to that of the "Risk ≥ 100 in a million" category. For facilities with HI > 5.0, the state fee is equivalent to the "Risk ≥ 10 < 50 in a million or HI>1" category.

⁴District Tracking --- PS > 1, ≤ 10

ATTACHMENT G7

(Adopted 11/3/1989)(Amended 6/6/1992)(Amended 6/11/1993)(Amended 6/10/1994)(Amended 5/12/1995)
(Amended 5/10/1996)(Amended 5/9/1997)(Amended 5/8/1998)(Amended 5/14/1999)(Amended 5/19/2000)
(Amended 5/11/2001)(Amended 5/3/2002)(Amended 6/6/2003)(Amended 7/9/2004)(Amended 6/3/2005)
(Amended 6/9/2006)(Amended 5/4/2007)(Amended 5/2/2008)(Amended 6/5/2009)(Amended 5/7/2010)
(Amended 5/6/2011)(Updated 7/1/2012)(Updated 7/1/2013)(Amended 6/6/2014)(Amended 5/1/2015)
(Updated 7/1/2016)(Amended 6/2/2017)(Updated 5/4/2018)(Amended 5/3/2019)(Updated 7/1/2020)
(Updated 7/1/2021)(Proposed Amended May 6, 2022)

Proposed Effective July 1, 20212022

PROPOSED AMENDED RULE 308. ON-ROAD MOTOR VEHICLE MITIGATION OPTIONS FEES

(a) Applicability

Provisions of this rule shall apply to fees assessed for worksite registrations and filings pursuant to Rule 2202 On-Road Motor Vehicle Mitigation Options. Fees shall be paid for the submission or resubmission of Annual Registrations, Employee Commute Reduction Programs (ECRP), Annual Programs, strategy amendments, extension requests, Average Vehicle Ridership (AVR)/Creditable Commute Vehicle Reduction (CCVR) Certification, Software Certification, emission reduction project review, and transfer of emission reduction credits.

(b) Definitions

- (1) AMENDMENTS are changes to Rule 2202 registrations, and/or ECRP strategies which materially affect the implementation of the program or the addition or deletion of a worksite to a multi-site program.
- (2) ANNUAL PROGRAM is a program submitted to the District that contains AVR results and a plan to achieve the performance requirements for the worksite.
- (3) EVALUATION is the District's evaluation of a program resulting in approval or disapproval of that program.
- (4) PROGRAM is any data and/or report required by Rule 2202 On-Road Motor Vehicle Mitigation Options to be submitted to the District.
- (5) RESUBMITTAL is any revised program or revised Annual Program submitted to the District to correct a disapproved program.
- (6) SUBMITTAL is any program provided to the District in accordance with Rule 2202 On-Road Motor Vehicle Mitigation Options.

(c) Program Fees

(1) Rule 2202 Registration Fees

All persons submitting a Rule 2202 registration to implement any compliance option in the rule, except for an ECRP or an AQIP, shall pay annually, the following fees at the time of registration.

- (A) Single Site Registrations
 Single site programs are subject to a \$636.86678.25 per worksite annual registration fee.
- (B) Multiple Site Registrations

 Multiple site programs are subject to a fifteen percent (15%) discount of the fee established in subparagraph (c)(1)(A) per worksite annual registration fee.
- (C) Resubmittals and Amendments
 Resubmitted and amended registrations shall be subject to fifty
 percent (50%) of the fee established in subparagraph (c)(1)(A) and
 (c)(1)(B).
- (2) Employee Commute Reduction Program (ECRP) Fees
 All persons electing to submit an ECRP shall pay the following fees at the
 time of submittal. The Annual Program and ECRP Offset fees will become
 effective on June 7, 2004.
 - (A) Single Site Submittals

Per Worksite	Annual Program	ECRP Offset
500 or more employees	\$1, 212.65 291.47	\$ 783.94 <u>834.89</u>
250 to 499		
employees	\$ 906.82 965.76	\$ 587.93 626.14

(B) Multisite Program Submittals

Triennial program fees for multiple site program submittals are subject to a fifteen percent (15%) discount of the fee established in subparagraph (c)(2)(A).

(C) Resubmittals and Amendments

The single site resubmittal and amendment fee, excluding program strategy amendments fee shall be fifty percent (50%) of the single site submittal fee established in subparagraph (c)(2)(A). The

multisite resubmittal fee shall be fifty percent (50%) of the multisite program submittal fee established in subparagraph (c)(2)(B).

(D) Electronic Media Submittals

Persons submitting an ECRP using District-certified electronic media shall pay the appropriate fee established in paragraphs (c)(2)(A) and (B), less \$\frac{118.02}{125.69}\$ per submittal.

(E) Sites achieving (AVR) Targets

Any employer who achieves their Average Vehicle Ridership (AVR) target and chooses to file a High AVR No-Fault Inspection, pursuant to Rule 2202 ECRP guidelines, in lieu of an Annual Program, shall submit the fee established in subparagraph (c)(1)(A) and (c)(1)(B).

(F) Program Strategy Amendments

A person submitting an amendment to program strategies consisting of the deletion or the replacement of any existing program strategies shall pay a fee of \$191.11203.53 for each submittal per worksite. This fee shall not apply when the amendment consists solely of additional or enhanced strategies to the program or when the strategy amendment is submitted at the same time as part of the Annual Program submittal.

(G) AVR/CCVR Certification Fees

Any person requesting District certification of AVR/CCVR verification methods (including but not limited to random sampling, record-keeping or restructuring of the AVR survey form) pursuant to Rule 2202 ECRP guidelines, shall pay a fee of \$489.80521.63. No additional fee will be due after a first disapproval and resubmittal. A second fee of \$489.80521.63 shall be paid with a second resubmittal after a second disapproval.

(3) Late Submittal and Resubmittal Fees

A fifty percent (50%) increase in the applicable registration, or ECRP fee established in paragraph (c)(1), or subparagraphs (c)(2)(A), (c)(2)(B) or (c)(2)(C) shall be paid as a surcharge where an applicable fee is not received in full on or before the due date for the registration, or ECRP.

(d) Determination of Applicability of Late Fees

The fee payment will be considered to be received by the District if it is postmarked by the United States Postal Service on or before the registration/ECRP due date and received in full. If the registration/ECRP due date falls on a Saturday, Sunday, or a state holiday, the fee payment may be postmarked on the business day following the Saturday, Sunday, or the state holiday with the same effect as if it had been postmarked on the registration/ECRP due date. No further program applications for a particular worksite will be accepted or approved until such time as all overdue fees have been fully paid.

(e) Government AgenciesFederal, state, or local government agencies or public districts shall pay all fees.

(f) Software Certification Fees

The District may certify independent computer software capable of reproducing registration/ECRP forms, thereby allowing employers to file registration/ECRP using electronic media.

- (1) Fees for certification will be assessed to cover the costs of processing the certification application and for the testing and validation of the software's reliability and ability to meet District's software specifications and program requirements.
- (2) Fees shall be paid at the time that the software is submitted for certification as follows:

(A)	Initial Certification Fee	\$ 979.98 1,043.67
(B)	Recertification Fee	\$ 489.80 521.63

- (g) The District will certify ECRP training programs pursuant to Rule 2202 ECRP guidelines. Fees for certification will be assessed to cover the costs of processing the certification application, reviewing the proposed curriculum, and assessing the training provider's qualifications.
 - (1) Fees shall be paid at the time that the qualifications and/or the curriculum is submitted for certification as follows:

	Provider Firm	Certification	Recertification
(A)	Instructor	\$ 489.80 <u>521.63</u>	\$ 244.65 <u>260.55</u>
(B)	Curriculum	\$ 979.98 1,043.67	\$ 489.80 521.63

- (2) Fee for the District's initial training program for new Employee Transportation Coordinators shall be \$\frac{198.35}{2}11.24 per person.
- (3) A fee in the amount of \$120.98128.84 shall be assessed to cover the cost of staff time to process each replacement Employee Transportation Coordinator Certificate of training.
- (h) An employer who has declared bankruptcy, for the official business or governmental operations of its organization or company, through a judicial court filing and confirmation process, may request the Executive Officer to grant a temporary waiver from complying with the requirements of Rule 2202 and Rule 308. Upon demonstration of the filing and confirmation of bankruptcy, the Executive Officer will grant an exemption for the duration of bankruptcy, not to exceed two (2) years from the date of the waiver.
- (i) Service Charge for Returned Check

Any person who submits a check to the District on insufficient funds or on instructions to stop payment on the check, absent an overcharge or other legal entitlement to withhold payment, shall be subject to a \$25 service charge.

- (j) Extensions to Surrender MSERC's

 Any person requesting an extension to surrender MSERC's to the District shall pay
 a fee of \$96.67102.95 per worksite.
- (k) Emission Reductions Project Review

Any person requesting the approval of a project resulting in emission reductions, pursuant to the provisions of Rule 2202(f)(6), shall be assessed an evaluation fee of \$483.16514.56 at the time of submittal. This fee will become effective on June 7, 2004. Additional evaluation fees may be assessed in accordance with Rule 309(c)(3) if necessary.

(1) Transfer of Emission Reduction Credits

Any person requesting a transfer of emission reduction credits shall pay a fee of \$95.77101.99 per transaction. Credit transactions shall be jointly registered with the District by the credit transferor and transferee. The transferee shall be assessed the transaction fee per transaction at the time the transaction is registered with the District, unless the transferee is surrendering credits to meet the registration requirements for the current compliance year.

(m) Failure to Notify Surcharge

Any employer who became subject to Rule 2202 (as defined in Rule 2202 (b) – Applicability) and failed to notify the District within 30 days when they became subject to the rule, shall pay a surcharge of \$1,406.82498.26 for every worksite.

If the employer notifies the District more than 30 calendar days from the date when they became subject to Rule 2202, the surcharge shall be reduced by 30% of the applicable fee, as follows: \$984.791,048.80 for every worksite.

(n) Rule 2202 Registration Time Extension

Any person requesting a time extension to submit a Rule 2202 registration shall refer to Rule 313.

ATTACHMENT G8

(Adopted 6/10/1994)(Amended 5/10/1996)(Amended 5/9/1997)(Amended 5/8/1998)(Amended 5/14/1999)
(Amended 5/19/2000)(Amended 5/11/2001)(Amended 5/3/2002)(Amended 6/6/2003)(Amended 7/92004)
(Amended 6/3/2005)(Amended 6/9/2006)(Amended 5/4/2007)(Amended 5/2/2008)(Amended 5/7/2010)
(Updated 7/1/2011)(Updated 7/1/2012)(Updated 7/1/2013)(Amended 6/6/2014)(Amended 5/1/2015)
(Updated 7/1/2016)(Amended 6/2/2017)(Updated 5/4/2018)(Amended 3/1/2019) (Amended 5/3/2019)
(Updated 7/1/2020)(Updated 7/1/2021)(Proposed Amended May 6, 2022)

Proposed Effective July 1, 2021 2022

PROPOSED AMENDED RULE 309. FEES FOR REGULATION XVI AND REGULATION XXV

(a) Applicability

Provisions of this rule shall apply to fees assessed for plans required by Regulation XVI and Regulation XXV, and for the transfer and acquisition of Mobile Source Emission Reduction Credits (MSERCs) generated pursuant to Regulation XVI and Regulation XXV rules. Fees shall be paid for:

- (1) Rule 1610 Scrapping Plans
- (2) Regulation XVI and Regulation XXV Mobile Source Emission Reduction Credit (MSERC) Applications and Compliance Plans
- (3) MSERC Transaction Registration

(b) Definitions

For the purpose of this rule the following definitions shall apply:

- (1) MSERC TRANSACTION is the trade or transfer of MSERC ownership between entities, or between MSERC accounts of the same entity. MSERCs shall be denominated in terms of one pound of MSERC pollutant.
- (2) PLAN is any data and/or test report required by federal or state law, or District rules and regulations to be submitted to the District. Plans include, but are not limited to, the following: Rule 1610 Scrapping Plans, Regulation XVI and Regulation XXV MSERC Applications, and Regulation XVI and Regulation XXV Compliance Plans.
- (3) SMALL BUSINESS is as defined in Rule 102.

(c) Fee Assessments

- (1) Rule 1610 Scrapping Plans shall be assessed a filing and evaluation fee of \$2,095.28231.47. The fee shall be paid at the time of plan submittal.
- (2) Regulation XVI and Regulation XXV Plans as defined in paragraph (b)(2), except Scrapping Plans, shall be assessed a filing fee of \$168.57179.52.

Evaluation fees shall be billed for the amount of total actual and reasonable time incurred by District staff, assessed at the hourly rate of \$168.57179.52.

- (3) Additional evaluation fees for plans shall be assessed at the rate of \$155.00165.07 per person per hour if necessary. Evaluation fees shall also be assessed at this rate for any amendments to Plans and Applications.
- (4) For small businesses filing scrapping plans, MSERC applications, and compliance plans, the fees assessed shall be fifty percent (50%) of the amounts specified in paragraphs (c)(1), (c)(2), and (c)(3).
- (5) MSERC transactions shall be jointly registered with the District by the MSERC transferor and transferee. The transferee shall be assessed a Transaction Registration Fee of \$103.59110.32 per transaction at the time the transaction is registered with the District.

(d) Inspection Fee

The inspection fee for Rule 1610 Scrapping Plan verification shall be an amount equal to the total actual and reasonable time incurred by the District for inspection and verification of the plan, assessed at the hourly rate of \$134.80143.56 per inspection staff or prorated portion thereof. For inspections conducted outside of regular District working hours, the fee shall be assessed at a rate of 150% of the above hourly rate.

(e) Payment of Fees

(1) Payment of all applicable fees, including annual review/renewal fee, shall be due in thirty (30) days from the date of personal service or sending by mail, electronic mail, or other electronic means, of the notification of the amount due. Non-payment of the fee within this time period will result in expiration of the plan. For the purpose of this paragraph, the fee payment will be considered to be received by the District if it is delivered, postmarked, or electronically paid on or before the expiration date stated on the billing notice. If the expiration date falls on a Saturday, Sunday, or a state holiday, the fee payment may be delivered, postmarked, or electronically paid, on the business day following the Saturday, Sunday, or the state holiday with the same effect as if it had been delivered, postmarked, or electronically paid on the expiration date. No further plan applications will be accepted until such time as all overdue fees have been fully paid.

(2) Whenever the Executive Officer has reasonable cause to believe that the plan evaluation fee will be less than the fee for one hour's work, the fee need not be paid at the time of filing and notification of amount due, if any, shall be sent at the time the plan is approved or rejected.

(f) Refunds

- (1) If a plan or an application as defined in paragraph (b)(2) is canceled, plan filing and evaluation fees, less the plan cancellation fee, will be refunded:
 - (A) If it is determined that the plan was not required pursuant to District rules; or
 - (B) The plan evaluation procedure has not been initiated by District staff.
- (2) The plan cancellation fee will be \$211.81225.57.
- (3) Claims for refund of any fee required by this rule shall be submitted in writing within one (1) year after the fee was paid.
- (4) The cancellation fee shall not apply when the plan was filed based on an erroneous District request.
- (g) Government Agencies

Federal, state, or local government agencies or public districts shall pay all fees.

ATTACHMENT G9

(Adopted 5/10/1996)(Amended 5/9/1997)(Amended 5/8/1998)(Amended 5/14/1999)(Amended 5/19/2000)
(Amended 5/11/2001)(Amended 5/3/2002)(Amended 6/6/2003)(Amended 7/9/2004)(Amended 6/3/2005)
(Amended 6/9/2006)(Amended 5/4/2007)(Amended 5/2/2008)(Amended 5/7/2010)(Amended 5/6/2011)
(Updated 7/1/2012)(Updated 7/1/2013)(Amended 6/6/2014)(Amended 5/1/2015)(Updated 7/1/2016)
(Amended 6/2/2017)(Updated 5/4/2018)(Amended 5/3/2019)(Updated 7/1/2020)(Updated 7/1/2021)
(Proposed Amended May 6, 2022)

Proposed Effective July 1, 20212022

PROPOSED AMENDED RULE 311. AIR QUALITY INVESTMENT PROGRAM (AQIP) FEES

(a) Applicability

This rule shall apply to all employers who participate in the Air Quality Investment Program (AQIP) option provided under Rule 2202. The Air Quality Investment Fees established in this rule shall be adjusted periodically to reflect market conditions.

(b) Registration Fees

Any employer registering with the District to participate in the AQIP shall pay annually a registration fee of \$146.90156.44 per worksite.

(c) AQIP Investment Fees

(1) Annual Compliance Option

At the time of registration any employer electing to participate in the annual AQIP compliance option shall annually invest in the restricted District fund \$46.73 for each employee reporting to work in the peak window; or,

(2) Triennial Compliance Option

At the time of registration any employer electing to participate in the triennial AQIP compliance option shall invest in the restricted District fund \$129.79 for each employee reporting to work in the peak window. Any increase in the number of employees in the window shall be accounted for during the second and third year registrations by investing \$46.73 per each additional employee for the remaining years in the triennial compliance option.

(d) Late fees

If the registration fee is not received by the established due date, the original amount of the registration fee shall be increased by fifty percent (50%).

ATTACHMENT G10

(Adopted 6/9/2006)(Amended 5/4/2007)(Amended 5/2/2008)(Amended 6/5/2009)(Amended 5/7/2010) (Updated 7/1/2011)(Updated 7/1/2012)(Updated 7/1/2013)(Amended 6/6/2014)(Amended 5/1/2015) (Updated 7/1/2016)(Amended 6/2/2017)(Amended 5/4/2018)(Amended 5/3/2019)(Updated 7/1/2020) (Updated 7/1/2021)(Proposed Amended May 6, 2022)

Proposed Effective July 1, 20212022

PROPOSED AMENDED RULE 313. AUTHORITY TO ADJUST FEES AND DUE DATES

(a) Summary

This rule provides limited discretion to the Executive Officer to adjust fees or reinstate permits where there has been an administrative error by the District, to extend the due date for payment of certain fees for good cause, and to waive or refund fees under circumstances set forth in this rule. The Executive Officer may delegate all or some of the discretion granted under this rule to a Fee Review Committee comprised of the Chief Financial Officer, the Deputy Executive Officer for Engineering and Permitting, the Public Advisor, and the District Counsel, or their designees. This rule does not provide the Executive Officer authority to alter the substantive requirements contained in SCAQMD rules and regulations.

(b) Process

Any owner/operator seeking relief under this Rule shall obtain the appropriate fee review request form(s) from the Office of Public Affairs. Upon completion, the form(s), along with any supporting background documentation, must be filed within the appropriate time limits set forth in this rule. Where the Executive Officer has delegated authority under this rule to the Fee Review Committee, an owner/operator seeking relief may request a personal meeting with the Fee Review Committee. The Fee Review Committee will meet on a monthly basis, as necessary, to consider requests under this rule.

(c) Decisions

The Executive Officer shall seek to make a decision on any request for relief under this Rule in writing within 90 days unless the applicant is notified that additional time is needed to investigate the circumstances underlying the request. Where the decision is made by the Fee Review Committee, the applicant may seek reconsideration from the Fee Review Committee within 30 days where there is substantial new information available. All decisions of the Fee Review Committee

are final, except that they may be reviewed by the Executive Officer in his sole discretion to ensure compliance with this Rule. Decisions of the Executive Officer are final.

- (d) Reinstatement of Permits, Applications, Plans, Registrations, and Other District Approvals
 - (1) The Executive Officer may reinstate a permit, application, registration, plan, or any other District issued approval upon finding of administrative error by District staff regarding the calculation, imposition, noticing, handling, invoicing, and/or collection of any fee set forth in this Regulation.
 - (2) The Executive Officer may reinstate any permit, application, registration, plan, variance (issued by the hearing board), or any other District issued approval that was determined by the Executive Officer to have been inadvertently canceled by the District.

(e) Adjustment of Fees

- (1) The Executive Officer may, upon finding of administrative error by District staff regarding the calculation, imposition, noticing, handling, invoicing, and/or collection of any fee set forth in this Regulation, rescind, reduce, increase or modify such fee. In no case may the Executive Officer reduce the amount of the excess emission fee below that specified in Rule 303(f), unless otherwise ordered by the Hearing Board.
- (2) Any request for relief under paragraph (e)(1) must be received within 3 years of the administrative error or from the time the applicant should have reasonably known that the error was made, as determined by the Executive Officer.

(f) Time Extension of Payment Due Dates

- (1) Whenever this Regulation requires a fee to be paid by a certain date, the Executive Officer may, for good cause, grant an extension of time, not to exceed one hundred eighty days (180), within which the fee payment shall be made. The Executive Officer may require partial fee payments to be made on set dates during the extension period.
- (2) Where an extension of time is requested due to a financial hardship, such request must be accompanied by sufficient background documentation to allow the Executive Officer to determine the applicant's financial ability to pay the fee. Examples of such documentation include not less than three

- (3) months of financial data, written statement from a certified accountant, or a written statement from a bank representative.
- (3) Any request for relief under paragraph (f)(1) must be received before the final due date of the fee.
- (4) Any person requesting a due date extension, or a change in the permanent due date, for any fee under Rule 308 shall pay a surcharge of \$96.67102.95 per worksite.
- (5) The provisions of this subdivision shall not apply to any fee incurred under Rules 307 or 307.1.

(g) Specific Fee Waivers and Reductions

- (1) On or after January 1, 1996, the Executive Officer shall, from the date the first application is received, waive annual operating permit renewal fees required under Rule 301(d) for the first two annual renewals of a new manufacturing facility that locates within the South Coast Air Basin and creates five hundred (500) or more new full-time jobs with total facility NOx, SOx, VOC, or PM10 emissions per full-time employee equal to or less than one-half (1/2) of any emission per employee target ratio for the industry class for the Year 2010 stated in the Air Quality Management Plan. After the first two annual renewal fee waiver time periods, the owner/operator shall be liable for all applicable fees set forth in subdivision (d) of Rule 301.
- (2) The Executive Officer may, for good cause waive the permit processing fee when there is an event declared to be a "state of emergency," as defined in Rule 118, for any application filed to replace currently permitted equipment destroyed, or for the relocation of currently permitted equipment residing within a condemned building.
- (3) If it can be established to the satisfaction of the Executive Officer that a facility is operating pursuant to a license issued by the Department of Rehabilitation under the State of California's Business Enterprise Program, the owner/operator, upon request, shall be granted an annual waiver of any fee under this Regulation in accordance with California Welfare & Institutions Code Section 19633. Such owner/operator is entitled to this waiver of fees so long as an annual request is made in writing and the applicant demonstrates that an agreement is maintained to operate the

facility under the supervision of the State of California Department of Rehabilitation.

- (4) A request for any waiver or fee reduction under paragraphs (g)(1) or (2) must be received before the final due date of the fee in question, and must be in the manner prescribed on forms provided under this rule. The Executive Officer may request any supporting documentation needed to evaluate the request.
- (5) Except for fee waivers granted under paragraph (g)(3), if the owner/operator, at any time during the applicable fee waiver or reduction time period, does not operate the facility or equipment in a manner consistent with all applicable District rules, the Executive Officer may rescind the fee waiver or reduction.

(h) Refunds

- (1) If an application for a permit to construct is canceled, permit processing fees, less the application cancellation fee, will be refunded if the permit evaluation has not been initiated by the District. The application cancellation fee will be \$233.86249.06, or the permit fee set forth in the Summary Permit Fee Rates tables in Rule 301, whichever is less.
- (2) Any fee paid to the District pursuant to process a permit application, equipment registration, or plan shall be refunded upon finding by the Executive Officer that the District erroneously requested filing of the application, registration, or plan. The cancellation fee required in paragraph (h)(1) shall not apply when the application for a permit to construct was filed based on an erroneous District request.
- (3) If a facility or equipment is operated in violation of District Rules or Regulations during any portion of the time period for which the fee was assessed, there shall be no refund.
- (4) Applications filed for a Permit to Operate for equipment which has been operating without a required District permit will not receive a refund.
- (i) Service Charge for Returned Checks.

Unless waived for good cause by the Executive Officer, any person who submits a check to the District on insufficient funds or on instructions to stop payment, absent an overcharge or other legal entitlement to withhold payment, shall be subject to a \$25 service charge.

ATTACHMENT G11

(Adopted 6/6/2008)(Amended 1/9/2009)(Amended 5/7/2010)(Updated 7/1/2011)(Updated7/1/2012) (Updated 7/1/2013)(Amended 9/6/2013)(Amended 6/6/2014)(Amended 5/1/2015)(Updated 7/1/2016) (Amended 6/2/2017)(Updated 5/4/2018)(Amended 5/3/2019)(Updated 7/1/2020)(Updated 7/1/2021) (Proposed Amended May 6, 2022)

Proposed Effective July 1, 20212022

PROPOSED AMENDED RULE 314. FEES FOR ARCHITECTURAL COATINGS

(a) Purpose

The purpose of this rule is to recover the District's cost of implementing the architectural coatings program and programs related to architectural coatings, and the revenues shall only be used for such purposes. California Health and Safety Code Section 40522.5 provides authority for the District to adopt a fee schedule on areawide or indirect sources of emissions which are regulated, but for which permits are not issued by the District, to recover the costs of programs related to these sources.

(b) Applicability

This rule applies to architectural coatings manufacturers who distribute or sell their manufactured architectural coatings into or within the District for use in the District and are subject to Rule 1113 - Architectural Coatings. This rule also applies to private labelers and big box retailers who distribute or sell architectural coatings into or within the District for use in the District and are subject to Rule 1113 - Architectural Coatings. This includes products sold through big box retailers with distribution centers located within or outside the District. This rule does not apply to architectural coatings sold in this District for shipment and application outside of this District or to aerosol coating products.

(c) Definitions

For the purpose of this rule, the following definitions shall apply:

- (1) AEROSOL COATING PRODUCT means a pressurized coating product containing pigments, resins, and/or other coatings solids that dispenses product ingredients by means of a propellant, and is packaged in a disposable aerosol container for hand-held application, or for use in specialized equipment for ground marking and traffic marking applications.
- (2) ANNUAL QUANTITY AND EMISSIONS REPORT includes the quantity of each architectural coating distributed or sold into or within the District

- for use in the District during each calendar year, reported as gallons and their associated VOC content, as supplied, reported in grams per liter, for each product in all container sizes.
- (3) APPURTENANCES are accessories to a stationary structure, including, but not limited to: hand railings, cabinets, bathroom and kitchen fixtures, fences, rain-gutters and down-spouts, window screens, lamp-posts, heating and air conditioning equipment, other mechanical equipment, large fixed stationary tools, signs, motion picture and television production sets, and concrete forms.
- (4) ARCHITECTURAL COATINGS are any coatings applied to stationary structures or their appurtenances, or to fields or lawns.
- (5) ARCHITECTURAL COATINGS MANUFACTURER is any person, company, firm, or establishment who imports, blends, assembles, produces, packages, repackages, or re-labels an architectural coating, excluding retail outlets where labels or stickers may be affixed to containers or where colorant is added at the point of sales. For the purpose of this rule, a private labeler is an architectural coatings manufacturer.
- (6) AUTHORIZED REPRESENTATIVE is the person authorized by the Responsible Party to prepare and submit the Annual Quantity and Emissions Report on behalf of an architectural coatings manufacturer.
- (7) BIG BOX RETAILER is a physically large-chain retail outlet that is classified by the U.S. Department of Labor under Standard Industrial Classification code 5211: Lumber and Other Building Materials Dealers, and listed by the Executive Officer as such prior to end of each calendar year.
- (8) COATING is a material which is applied to a surface in order to beautify, protect, or provide a barrier to such surface.
- (9) CONCENTRATES are coatings supplied in a form that must be diluted with water or an exempt compound, prior to application, according to the architectural coatings manufacturer's application instructions in order to yield the desired coating properties.
- (10) EXEMPT COMPOUNDS are as defined in Rule 102 Definition of Terms.
- (11) FORMULATION DATA is the actual product recipe which itemizes all the ingredients contained in a product including VOCs and the quantities thereof used by the architectural coatings manufacturer to create the

product. Material Safety Data Sheets (MSDS) are not considered formulation data.

(12) GRAMS OF VOC PER LITER OF COATING, LESS WATER AND LESS EXEMPT COMPOUNDS, is the weight of VOC per combined volume of VOC and coating solids and can be calculated by the following equation:

Grams of VOC per Liter of Coating, Less Water and Less Exempt Compounds $= \frac{Ws - Ww - Wes}{Vm - Vw - Ves}$

Where: Ws = weight of volatile compounds in grams

Ww = weight of water in grams

Wes = weight of exempt compounds in grams

Vm = volume of material in liters Vw = volume of water in liters

Ves = volume of exempt compounds in liters

For coatings that contain reactive diluents, the Grams of VOC per Liter of Coating, Less Water and Less Exempt Compounds, shall be calculated by the following equation:

Grams of VOC per Liter of Coating, Less Water and Less Exempt Compounds $= \frac{W_S - W_W - W_{es}}{V_m - V_w - V_{es}}$

Where: Ws = weight of volatile compounds emitted during curing, in grams

Ww = weight of water emitted during curing, in grams

Wes = weight of exempt compounds emitted during

curing, in grams

Vm = volume of the material prior to reaction, in liters
Vw = volume of water emitted during curing, in liters
Ves = volume of exempt compounds emitted during

curing, in liters

(13) GRAMS OF VOC PER LITER OF MATERIAL is the weight of VOC per volume of material and can be calculated by the following equation:

Where: Ws = weight of volatile compounds in grams

Ww = weight of water in grams

Wes = weight of exempt compounds in grams

Vm = volume of the material in liters

- (14) MULTI-COMPONENT COATINGS are reactive coatings requiring the addition of a separate catalyst or hardener before application to form an acceptable dry film.
- (15) POST-CONSUMER COATINGS are finished coatings that would have been disposed of in a landfill, having completed their usefulness to a consumer, and does not include manufacturing wastes.
- (16) PRODUCT is an architectural coating which is identified by means of a unique product code and product name or product line (if applicable), as written on the container label and that is subject to one of the coating category VOC limits specified in Rule 1113 paragraphs (c)(1) or (c)(2) Table of Standards.
- (17) PRIVATE LABELER is the person, company, firm, or establishment (other than the toll manufacturer) identified on the label of an architectural coating product.
- (18) RECYCLED COATINGS are coatings manufactured by a certified recycled paint manufacturer and formulated such that 50 percent or more of the total weight consists of secondary and post-consumer coatings and 10 percent or more of the total weight consists of post-consumer coatings.
- (19) RESPONSIBLE PARTY for a corporation is a corporate officer. A responsible party for a partnership or sole proprietorship is the general partner or proprietor, respectively.
- (20) SECONDARY (REWORK) COATINGS are fragments of finished coatings or finished coatings from a manufacturing process that has converted resources into a commodity of real economic value, but does not include excess virgin resources of the manufacturing process.
- (21) STATIONARY STRUCTURES include but are not limited to, homes, office buildings, factories, mobile homes, pavements, curbs, roadways, racetracks, and bridges.
- (22) TOLL MANUFACTURER is an architectural coatings manufacturer who produces coatings for a private labeler.
- (23) VOLATILE ORGANIC COMPOUND (VOC) is as defined in Rule 1113 Architectural Coatings.
- (d) Requirement to Obtain a Manufacturer Identification (ID) Number
 - (1) An architectural coatings manufacturer subject to this rule at any time during the calendar year 2008 shall apply to the District for a manufacturer

ID number on or before December 31, 2008. An architectural coatings manufacturer that becomes subject to this rule in any year subsequent to calendar year 2008 shall apply to the District for a manufacturer ID number on or before December 31 of that year.

- (2) Change or Acquisition of an Architectural Coatings Manufacturer
 - (A) When there is a change or acquisition of an architectural coatings manufacturer with a District issued manufacturer ID number, the successor architectural coatings manufacturer shall apply for a manufacturer ID number on or before December 31 of the calendar year of the change or acquisition, unless the successor architectural coatings manufacturer already has a District issued manufacturer ID number. The successor architectural coatings manufacturer shall include the previous manufacturer ID number in their Annual Quantity and Emissions Report for the first year after the change or acquisition.
 - (B) Acquisition of an architectural coatings manufacturer shall not be considered a change in ownership for the purposes of this rule if the architectural coatings manufacturer who is acquired continues to file Annual Quantity and Emissions Reports and pay fees under its District issued ID number.
- (3) Delegation or Change of Responsible Party and/or Authorized Representative

Application for a manufacturer ID number pursuant to (d)(1), as submitted by the Responsible Party for an architectural coatings manufacturer, shall designate the Authorized Representative. The designating Responsible Party is responsible for and may act in lieu of the Authorized Representative. A change to either the designating Responsible Party or Authorized Representative shall be made in writing using the same application form.

- (e) Requirement to Submit an Annual Quantity and Emissions Report
 - (1) For each calendar year (January 1 through December 31) beginning with 2008 and continuing with each subsequent calendar year, an architectural coatings manufacturer shall, in a format determined by the Executive Officer, submit to the District by April 1 of the following calendar year (the official reporting due date) an Annual Quantity and Emissions Report

electronically submitted by the Authorized Representative certifying that all information submitted (including electronic submittal) is true and correct. Information included in the Annual Quantity and Emission Report that was obtained from a company not owned or controlled by the reporting architectural coatings manufacturer shall be certified as true and correct to the best knowledge of the Authorized Representative submitting the report. The Annual Quantity and Emissions Report shall include, but not be limited to, the following:

- (A) Architectural coatings manufacturer information including the manufacturer ID number issued by the District;
- (B) Each architectural coating brand name, product code and product name;
- (C) Whether the coatings are waterborne or solvent-based;
- (D) Whether the coatings are for interior, exterior, or dual use;
- (E) The applicable coating category listed in the Table of Standards in Rule 1113 Architectural Coatings;
- (F) The grams of VOC per liter of coating, less water and less exempt compounds, and excluding any colorant added to the tint base for each product as follows:
 - (i) For coatings packaged in a single container, as supplied;
 - (ii) For multi-component coatings, after mixing the components, as recommended for use by the architectural coatings manufacturer;
 - (iii) For concentrates, at the minimum dilution recommended for use by the architectural coatings manufacturer;
- (G) The grams of VOC per liter of material for each product as follows:
 - (i) For coatings packaged in a single container, as supplied;
 - (ii) For multi-component coatings, after mixing the components, as recommended for use by the architectural coatings manufacturer;
 - (iii) For concentrates, at the minimum dilution recommended for use by the architectural coatings manufacturer;
- (H) In addition to (e)(1)(F) and (G), for solvent-based coatings, grams of VOC per liter of material for each product including the maximum thinning as recommended by the architectural coatings manufacturer;

- (I) Total annual quantity of each product distributed or sold into or within the District for use in the District, as supplied or for a concentrate, at the minimal dilution recommended for use by the architectural coatings manufacturer, and reported in gallons for all container sizes. The annual quantity of each product shall include products sold through big box retailers with distribution centers located within or outside the District. Architectural coatings manufacturers shall use the list of big box retailers maintained by the Executive Officer as of the end of the calendar year for purposes of reporting quantities of products distributed or sold in the District through big box retailers; and
- (J) For any product with VOC content higher than the applicable limit in Rule 1113, an indication of whether the product has been sold under any of the following provisions of Rule 1113 Architectural Coatings:
 - (i) Sell-through provisions
 - (ii) Averaging Compliance Option
 - (iii) Small container exemption
 - (iv) Low Solids
 - (v) Stains or Lacquers sold above 4,000 feet.
- (2) If the architectural coatings manufacturer had no distribution or sales for the prior calendar year, the Authorized Representative must either certify that fact in a letter, on company letterhead, or indicate that fact in the online reporting program. If an architectural coatings manufacturer does not intend to sell coatings into or within the District in future years, the Authorized Representative should indicate that intention in writing, so as to be removed from future outreach efforts.
- (3) An architectural coatings manufacturer that acquires another architectural coatings manufacturer shall provide the information specified in subparagraph (e)(1)(A) through (e)(1)(J) for the acquired architectural coatings manufacturer for the entire calendar year.
- (4) By January 30, 2009, and every year thereafter, a big box retailer shall report to the District and the architectural coatings manufacturer of that product the total annual quantity of each coating product distributed through its distribution centers for sale or sold in the District for the previous calendar year (January 1 through December 31), as supplied, in a format

determined by the Executive Officer. The big box retailer shall also include a list of the store, address, city and ZIP code where the products contained in the report were sold. Big box retailers shall use the list maintained by the Executive Officer as of the end of the calendar year of big box retailers for purposes of reporting to the appropriate architectural coatings manufacturer the quantities of products distributed or sold in the District. The report submitted to the District and to each architectural coatings manufacturer shall be electronically submitted by a corporate officer certifying that all information reported is true and correct. The report shall also be submitted to each architectural coatings manufacturer in an electronic spreadsheet format.

(f) Recordkeeping

Architectural Coatings Manufacturers shall:

- (1) Maintain a copy of the signed application form submitted to the District to obtain the manufacturers ID number, and the written response from the District issuing a manufacturer ID number. The copies shall be maintained for five (5) years beyond the date on each document, and made available upon request by the Executive Officer.
- (2) Maintain records to verify data used to prepare the Annual Quantity and Emissions Report from architectural coatings distributed or sold into or within the District for use in the District and compliance with applicable rules and regulations. The records shall be maintained for five (5) years and made available upon request by the Executive Officer. Such records shall include but not be limited to:
 - (A) Product formulation records (including both grams of VOC per liter of coating and grams of VOC per liter of material):
 - (i) Laboratory reports [including percent weight of non-volatiles, water, and exempts (if applicable); density of the coating; and raw laboratory data] of test methods conducted as specified in paragraph (m) or
 - (ii) Product formulation data or physical properties analyses, as applicable, with a VOC calculation demonstration; and
 - (B) Production records including, if applicable, batch tickets with the date of manufacture, batch weight and volume; and
 - (C) Distribution records:

- (i) Customer lists or store distribution lists or both (as applicable) and
- (ii) Shipping manifests or bills of lading or both (as applicable);and
- (D) Sales records consisting of point of sale receipts or invoices to distributors or both, as applicable.

(g) Fees

(1) Manufacturer ID Number Fee

An architectural coatings manufacturer applying for a manufacturer ID number with the District as specified in paragraphs (d)(1) and (d)(2) shall pay a non-refundable application fee of \$220.58234.91 at the time of submitting the application.

- (2) Annual Quantity and Emissions Fees
 - (A) An architectural coatings manufacturer shall pay fees at the rates specified below (for the Annual Quantity Fee in clause (i) below, the actual final fee based on the total number of gallons of paint shall be rounded to nearest whole cent), on or before April 1st (the official due date). Fees are based on the annual quantity and emissions of architectural coatings distributed or sold into or within the District for use in the District for the previous calendar year. The fee rate to be applied shall be the fee rate in effect for the year in which the sales and emissions are actually reported, and not the fee rate in effect for the year the sales actually occurred.

Fee Rate

- (i) Annual Quantity Fee: \$0.0474 per gallon of paint.
- (ii) Annual Emission Fee: \$\frac{315.20}{335.68}\$ per ton of VOC emissions.
- (B) If an architectural coatings manufacturer submits the Annual Quantity and Emissions Report in such a manner that District staff has to manually enter the data into the District database, then the architectural coatings manufacturer shall pay at the time of submittal a non-refundable fee of \$361.33384.81 for the first two hours of District time. The architectural coatings manufacturer shall be

assessed additional fees at the rate of \$180.67192.41 per hour for any additional time beyond the first two hours.

- (h) Request to Amend the Annual Quantity and Emissions Report and Refund Request of Emission Fees
 - (1) An architectural coatings manufacturer shall submit a written request (referred to as an "Amendment Request") for any proposed revisions to previously submitted Annual Quantity and Emissions Reports. Amendment requests submitted after one (1) year from the official due date of the subject Annual Quantity and Emissions Report shall include a non-refundable standard evaluation fee of \$361.33384.81. In addition, evaluation time beyond two hours shall be assessed at the rate of \$180.67192.41 per hour not to exceed 10 hours. Amendment requests received within one year (1) from the official due date of a previously submitted Annual Quantity and Emissions Report shall not incur any such evaluation fees. The Amendment Request shall include all supporting documentation and revised applicable reports.
 - (2) An architectural coatings manufacturer shall submit a written request (referred to as a "Refund Request") to correct the previously submitted Annual Quantity and Emissions Report and request a refund of overpaid fees. Refund Requests must be submitted within one (1) year from the official due date of the subject Annual Quantity and Emissions Report to be considered valid. The Refund Request shall include a revised Annual **Ouantity** and Emissions Report and all applicable supporting documentation. If the Refund Request submitted results in a refund, then the architectural coatings manufacturer shall incur no evaluation fee. If the refund request results in no refund, then the architectural coatings manufacturer shall pay the standard evaluation fee and the hourly evaluation fees, as appropriate, specified in paragraph (h)(1).
- (i) Fee Payments and Late Surcharge
 - (1) Fee payments are the responsibility of the architectural coatings manufacturer.
 - (2) If both the fee payments and the Annual Quantity and Emissions Report for the previous calendar year are not received by May 30, they shall be considered late; and a surcharge for late payment shall be imposed for fees

past due as set forth in paragraph (i)(3). Architectural coatings manufacturers subject to paragraph (d)(2) on or after July 1 of the reporting year shall have an additional 6 months, or any additional time approved by the Executive Officer, to submit the fee payments and the Annual Quantity and Emissions Report for the acquired architectural coatings manufacturer. For the purpose of this paragraph, the fee payments and the Annual Quantity and Emissions Report shall be considered to be timely received by the District if it is postmarked on or before May 30. If May 30 falls on a Saturday, Sunday, or a state holiday, the fee payments and Annual Quantity and Emissions Report may be postmarked on the next business day following the Saturday, Sunday, or the state holiday with the same effect as if they had been postmarked on May 30.

(3) If fee payments for the Annual Quantity and Emissions Report (including any unreported quantity and emissions) are not received within the time prescribed by paragraph (i)(2), a late payment surcharge shall be assessed on the fees past due and added to the fee rate in subparagraph (g)(2)(A), according to the following schedule:

Less than 30 days 5% of past due amount 30 to 90 days 15% of past due amount 91 days to one year 25% of past due amount More than one year 50% of past due amount

(4) Fee Payment Subject to Validation

Acceptance of a fee payment does not constitute validation of the emission data.

(j) Service Charge for Returned Checks

Any person who submits a check to the District on insufficient funds or on instructions to stop payment, absent an overcharge or other legal entitlement to withhold payment, shall be subject to a \$25 service charge.

(k) Confidentiality of Information

Subject to the provisions of the California Public Records Act (Govt. Code § 6250-6276.48) information submitted to the Executive Officer may be designated as confidential. The designation must be clearly indicated on the reporting form, identifying exactly which information is deemed confidential. District guidelines

require a detailed and complete basis for such claim in the event of a public records request.

(1) Violation

It shall be a violation of this rule for any architectural coatings manufacturer to distribute or sell their manufactured architectural coatings into or within the District for use in the District, without having a manufacturer ID number issued by the District, within the time specified in subdivision (d).

(m) Test Methods

For the purpose of this rule, test methods are as specified in Rule 1113.

(n) Severability

If any provision of this rule is held by judicial order to be invalid, or inapplicable to any person or circumstance, such order shall not affect the validity of the remainder of this rule, or the validity or applicability of such provision to other persons or circumstances. In the event any of the exceptions to this rule are held by judicial order to be invalid, the persons or circumstances covered by the exception shall instead be required to comply with the remainder of this rule.

(o) Distributor(s) List

On or before January 31st, all architectural coatings manufacturers subject to this rule shall provide to the District a list of all U.S. distributors to whom they supply architectural coatings. The list shall be in a format determined by the Executive Officer and shall include the distributors name, address, contact person and phone number.

- (1) Once the initial list of all U.S. distributors has been submitted, the architectural coatings manufacturer shall provide any changes to that list for subsequent reporting years.
- (2) If there are no changes to the list of all U.S. distributor(s), the architectural coatings manufacturer in subsequent reporting years shall report no changes.

(p) Exemption

(1) Fees pursuant to paragraph (g)(2) shall not be assessed on coatings with 5 or less grams of VOC per liter of material provided the Annual Quantity

- and Emissions Report is received within the time prescribed by subparagraph (i)(2).
- (2) Fees pursuant to paragraph (g)(2) shall not be assessed on recycled coatings distributed or sold into or within the District by a certified recycled paint manufacturer provided the Annual Quantity and Emissions Report is received within the time prescribed by paragraph (i)(2).
- (3) Fees pursuant to paragraph (g)(2) shall not be assessed on any architectural coatings manufacturer whose distribution or sale of coatings into or within the District for use in the District are less than 1,000 gallons and have potential annual VOC emissions of 0.5 tons or less in a calendar year, provided the Annual Quantity and Emissions Report is received within the time prescribed by paragraph (i)(2).
- (4) Architectural coatings offered for sale as a dry mix, containing no polymer, that are only mixed with water prior to use, including, but not limited to, stucco, clays, and plasters.

ATTACHMENT G12

(Adopted 5/7/2010)(Amended 5/6/2011)(Updated 7/1/2011)(Updated 7/1/2012)(Updated 7/1/2013) (Amended 6/6/2014)(Amended 5/1/2015)(Updated 7/1/2016)(Amended 6/2/2017)(Amended 5/4/2018) (Amended 3/1/2019)(Amended 5/3/2019)(Updated 7/1/2020)(Updated 7/1/2021)(Proposed Amended May 6, 2022)

Proposed Effective July 1, 20212022

PROPOSED AMENDED RULE 315. FEES FOR TRAINING CLASSES AND LICENSE RENEWAL

(a) Fees for Rule Training Classes

SCAQMD Training Class	Fee
Rules 403 & 403.1	No Cost
Rule 461 Daily Self-Inspection Class	\$ 175.69 <u>187.11</u>
Rule 461 Annual Periodic Inspection Class	\$ 192.29 204.78
Rule 461 Tester Orientation Class	\$ 182.81 <u>194.69</u>
Rule(s) 463/1178	\$ 88.86 94.63
Rule(s) 1110.2/1146/1146.1	No Cost
Rule 1176	\$ 68.66 <u>73.12</u>
Rule 1403	\$ 95.62 101.83
Rule 1469	\$ 37.95 <u>40.41</u>

(b) Certified Permitting Professional (CPP) License Fees

- (1) The fee for the CPP exam administered by SCAQMD is \$181.47193.26. This fee also covers the first year license fee for those who pass the exam.
- (2) The annual renewal fee for the CPP license fee is \$181.47193.26. The license shall expire if the license renewal fee is not received by the District, postmarked, or electronically paid within 30 days after invoices are sent by mail, electronic mail, or other electronic means or June 30th, whichever is later.

(3) A CPP license that has expired due to nonpayment of the annual renewal fee may be reinstated by submitting a request for reinstatement and payment in full of the amount due at the time the license expired. A reinstatement surcharge shall also be paid equivalent to fifty percent (50%) of the amount due. Such request and payment shall be made within six (6) months of the license expiration. A license shall not be reinstateable after December 31st of the year it has expired.

ATTACHEMENT G13

(Adopted December 6, 2019)(Proposed Amended May 6, 2022)

PROPOSED AMBIENT MONITORING AND SAMPLING OF METAL TOXIC AIR CONTAMINANTS RILLE 1480

(a) Purpose

The purpose of this rule is to require an owner or operator of a facility that is designated by the Executive Officer as a Metal TAC Monitoring Facility pursuant to paragraph (d)(7) to conduct Monitoring and Sampling.

(b) Applicability

This rule applies to an owner or operator of a facility with Metal TAC emissions that receives an Initial Notice pursuant to paragraph (d)(1).

(c) Definitions

- (1) AMBIENT AIR means outdoor air.
- (2) BENCHMARK CONCENTRATION is the Metal TAC concentration at a monitor that represents the Reduced Risk Level at a Sensitive Receptor that is calculated using the methodology in Appendix 2-1 and is specified in the notification from the Executive Officer that the facility has been designated as a Metal TAC Monitoring Facility pursuant to paragraph (d)(8).
- (3) CANCER RISK is the estimated probability of a potential maximally exposed individual contracting cancer as a result of exposure to Metal TAC(s) for Sensitive Receptor locations calculated pursuant to the most recently approved Risk Assessment Procedures referenced in Rule 1401–New Source Review of Toxic Air Contaminants at the time the analysis is performed.
- (4) ENFORCEABLE MEASURE is a measure that reduces or eliminates emissions of Metal TAC(s) and is real, permanent, quantifiable, and enforceable by the Executive Officer.
- (5) INDIVIDUAL SUBSTANCE CHRONIC HAZARD INDEX is as defined in Rule 1401.
- (6) MAXIMUM EXPECTED GROUND LEVEL CONCENTRATION means the greatest concentration of a specific Metal TAC from a facility as determined by air dispersion modeling calculations and emission estimates

- from Metal TAC sources and fugitive Metal TAC sources, meteorology, and other factors.
- (7) METAL(S) OF CONCERN means the specific Metal TAC(s) that are contributing to the exceedance of the Significant Risk Level at a Sensitive Receptor, as determined pursuant to subparagraph (d)(7)(D).
- (8) METAL TOXIC AIR CONTAMINANT or METAL TAC means a metal air pollutant which may cause or contribute to an increase in mortality or serious illness, or which may pose a present or potential hazard to human health as listed by Office of Environmental Health Hazard Assessment.
- (9) METAL TAC MONITORING FACILITY means a facility that meets the criteria in paragraph (d)(7).
- (10) MONITORING AND SAMPLING means ambient air monitoring that is designed to measure concentrations of Metal TAC(s) from a facility and is conducted by an owner or operator of the facility, Executive Officer, or third party contractor.
- (11) REDUCED RISK LEVEL means a Cancer Risk that is 25 in one million and a total Individual Substance Chronic Hazard Index that is 3.0 for all target organ systems based on Metal TAC emissions from a facility.
- (12) SCHOOL means any public or private school, including juvenile detention facilities with classrooms, used for the education of more than 12 children at the school in kindergarten through grade 12. School also means an Early Learning and Developmental Program by the U.S. Department of Education or any state or local early learning and development programs such as preschools, Early Head Start, Head Start, First Five, and Child Development Centers. A school does not include any private school in which education is primarily conducted in private homes. The term includes any building or structure, playground, athletic field, or other area of school property.
- (13) SENSITIVE RECEPTOR means any residence including private homes, condominiums, apartments, and living quarters; schools as defined in paragraph (c)(12); daycare centers; and health care facilities such as hospitals or retirement and nursing homes. Sensitive Receptor includes long-term care hospitals, hospices, prisons, and dormitories or similar livein housing.

- (14) SIGNIFICANT RISK LEVEL means a Cancer Risk that is 100 in one million or a total Individual Substance Chronic Hazard Index that is 5.0 for any target organ system based on Metal TAC emissions from a facility.
- (15) VALID SAMPLE for the purposes of Monitoring and Sampling for this rule is a monitoring sample that was collected and analyzed pursuant to an approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan.
- (d) Designation of a Metal TAC Monitoring Facility
 - (1) The Executive Officer may issue an Initial Notice that the Executive Officer is conducting Monitoring and Sampling to an owner or operator of a facility.
 - (2) After an Initial Notice is issued to an owner or operator of a facility, the Executive Officer may issue an Information Request, if additional information is needed to determine if a facility meets the criteria specified in paragraph (d)(7) to designate the facility as a Metal TAC Monitoring Facility. No later than the date specified in an Information Request, an owner or operator of a facility shall comply with all Information Requests from the Executive Officer, which may require:
 - (A) Conducting emissions testing and/or sample analyses, or providing the Executive Officer access to the facility to conduct such activities;
 - (B) Allowing the Executive Officer to conduct Monitoring and Sampling of Metal TAC(s) near or at the fenceline within a facility for a limited duration; and
 - (C) Providing material usage, manifests, emissions testing results, and other records for any Metal TAC(s).
 - (3) At least 30 days and no later than 180 days following the issuance of an Initial Notice or 180 days following the due date specified in the most recent Information Request, whichever is later, the Executive Officer may issue a Notice of Findings to an owner or operator of a facility that the facility may be designated as a Metal TAC Monitoring Facility pursuant to paragraph (d)(7), which will include:
 - (A) Results of Monitoring and Sampling of Metal TAC(s) with information on each individual sample including the Metal TAC(s)

- monitored, concentration of each Metal TAC, the date(s) and sample location(s);
- (B) Results of data collected from any Information Request in paragraph (d)(2);
- (C) Findings that the facility has equipment or processes with Metal TAC emissions and those Metal TAC emissions are capable of being released into the ambient air; and
- (D) Highest health risk value at a Sensitive Receptor that exceeds the Significant Risk Level based on the Metal TAC emissions from the facility, location of the Sensitive Receptor with the highest health risk value, and the percent that each Metal TAC contributes to the highest health risk value, based on air dispersion modeling.
- (4) No later than 30 days from the date of the Notice of Findings, an owner or operator of a facility shall either:
 - (A) Respond in writing to the Executive Officer that no additional information will be provided;
 - (B) Submit additional information pursuant to paragraph (d)(5) to the Executive Officer for consideration prior to determining if the owner or operator of a facility meets the criteria specified in paragraph (d)(7); or
 - (C) Notify the Executive Officer in writing that additional information referenced in subparagraph (d)(4)(B) will be submitted no later than 90 days from the date of the Notice of Findings.
- (5) An owner or operator of a facility that elects to submit additional information pursuant to subparagraph (d)(4)(B) shall provide evidence to show that the facility would not meet the criteria specified in paragraph (d)(7), by submitting the following:
 - (A) Additional data to substantiate that some or all Metal TAC emissions from equipment or processes at the facility of the owner or operator are not contributing to the Metal TACs at ambient monitors or to exceeding the Significant Risk Level at any Sensitive Receptor;
 - (B) A written list of Enforceable Measures specifying the equipment, process, and actions, and that the Enforceable Measures have been implemented that reduce or eliminate Metal TAC emissions;

- (C) A written list of Enforceable Measures of equipment or processes that will be implemented within 90 days of the Notice of Findings that will reduce or eliminate Metal TAC emissions that meets the following criteria:
 - (i) Permit to Construct has been issued;
 - (ii) Equipment will be installed no later than 60 days after the date of the Notice of Findings; and
 - (iii) Equipment will be routinely operated no later than 90 days after the Notice of Findings;
- (D) A written list of equipment or sources that are subject to a rule that is within Regulation XIV Toxics and Other Non-Criteria Pollutants, for which the equipment or source meets the following criteria:
 - (i) The Regulation XIV rule has a provision with a final compliance date, that will result in Metal TAC emission reductions for a specific piece of equipment or source, that will occur after the Notice of Findings was issued;
 - (ii) All interim compliance dates have been met for any provision referenced in clause (d)(5)(D)(i); and
 - (iii) Steps have been taken to ensure that any interim compliance date will be met for any provision referenced in clause (d)(5)(D)(i), where the interim compliance date will occur after the submittal of additional information required pursuant to paragraph (d)(6); or
- (E) Information to substantiate that the Metal TAC emissions detected by Monitoring and Sampling described in the Notice of Finding are not attributed to the facility that includes:
 - (i) Date(s) of the monitoring sample(s) in dispute;
 - (ii) Location of the monitor where the monitoring sample was collected;
 - (iii) Description of the alleged cause(s) and source(s) of the Metal TAC emissions including time frame and location;and
 - (iv) Evidence demonstrating that the cause(s) and source(s) of the Metal TAC emissions is not attributed to the facility.

- (6) No later than 90 days from the date of the Notice of Findings, an owner or operator of a facility that submitted a written notice to the Executive Officer pursuant to subparagraph (d)(4)(C) shall submit any additional information to the Executive Officer for consideration or respond in writing to the Executive Officer that no additional information will be provided.
- (7) The Executive Officer will consider information and data collected by the Executive Officer and data provided by the owner or operator of a facility pursuant to subparagraph (d)(4)(B). The facility shall be designated as a Metal TAC Monitoring Facility if:
 - (A) The facility has equipment or processes with Metal TAC(s) emissions;
 - (B) The Metal TAC(s) emissions are capable of being released into the ambient air;
 - (C) The facility has been designated as a Potentially High Risk Level Facility under Rule 1402; and
 - (D) Based on the Metal TAC emissions from the facility, the Executive Officer finds that the Significant Risk Level has been exceeded for any Sensitive Receptor using air dispersion modeling and the Risk Assessment Procedures referenced in Rule 1401, taking into account the following to the extent available:
 - (i) Results of Metal TAC emissions testing and sampling analyses;
 - (ii) Results of Monitoring and Sampling;
 - (iii) Records of Metal TAC material usages, manifests, and other records:
 - (iv) Information provided pursuant to paragraphs (d)(3), (d)(4), (d)(5), and (d)(6);
 - (v) Verification of the reduction or elimination of Metal TACs associated with implementation of Enforceable Measures provided in subparagraph (d)(5)(B), Enforceable Measures that will be implemented within 90 days of the Notice of Findings provided in subparagraph (d)(5)(C), and provisions in a Regulation XIV rule with a future effective final compliance date provided in subparagraph (d)(5)(D), provided all interim compliance dates have been met; and
 - (vi) Other information available to the Executive Officer.

- (8) The Executive Officer will notify an owner or operator of a facility in writing if the facility has or has not been designated as a Metal TAC Monitoring Facility pursuant to paragraph (d)(7). If the facility is designated as a Metal TAC Monitoring Facility, the notification shall include:
 - (A) Information that demonstrates the facility met the criteria specified in paragraph (d)(7);
 - (B) Location of Sensitive Receptors that exceed the Significant Risk Level and the estimated health risk values;
 - (C) Metals of Concern;
 - (D) The equipment and processes that are contributing to exceeding the Significant Risk Level at the Sensitive Receptors;
 - (E) The initial number, type, and approximate location of the Metal TAC monitor(s) and wind monitor required to conduct Monitoring and Sampling; and
 - (F) Benchmark Concentration for each Metal of Concern and identification of the corresponding monitor.
- (9) An owner or operator of a facility that is designated as a Metal TAC Monitoring Facility pursuant to paragraph (d)(7) shall:
 - (A) No later than 30 days after receiving a notice from the Executive Officer, submit a draft Basic Monitoring and Sampling Plan pursuant to subdivision (e); and
 - (B) No later than the date specified in the approval letter for the Basic Monitoring and Sampling Plan or within 30 days, if no date is specified in the approval letter, implement the approved Basic Monitoring and Sampling Plan and comply with the Monitoring and Sampling requirements pursuant to subdivision (f).

(e) Monitoring and Sampling Plans

- (1) An owner or operator of a Metal TAC Monitoring Facility that is required to prepare a draft Basic Monitoring and Sampling Plan pursuant to paragraph (d)(9) or subparagraph (g)(2)(B), or a draft Reduced Basic or Reduced Alternative Monitoring and Sampling Plan pursuant to subparagraph (h)(1)(A) or (h)(4)(A) shall submit:
 - (A) A list of all equipment and processes that use or emit Metals of Concern with operating schedules and operating conditions;

- (B) Any source test or emissions screening test reports of equipment and processes listed in subparagraph (e)(1)(A);
- (C) A map of the facility that identifies the location of:
 - (i) All equipment and processes listed in subparagraph (e)(1)(A);
 - (ii) Air pollution control devices and stacks;
 - (iii) Buildings;
 - (iv) Building openings;
 - (v) Storage of any materials that contain Metals of Concern;
 - (vi) Points of vehicle egress and ingress;
 - (vii) Property boundary of the facility;
 - (viii) Areas within the property boundary of the facility that are publicly accessible; and
 - (ix) Nearest Sensitive Receptors in all directions;
- (D) Any other process or emission information the Executive Officer requests in writing;
- (E) Information regarding the collection of wind data to meet the requirements of paragraph (f)(8) including:
 - (i) A list of all equipment to be used to collect wind speed and direction data; or
 - (ii) An explanation of reasons why wind data may not be collected, such as the availability of wind speed and direction data from a representative location taking into account topography or the owner or operator of a Metal TAC Monitoring Facility elects not to monitor wind speed and direction;
- (F) Number and locations of the sampling sites that meet the requirements in paragraph (f)(2);
- (G) A list of all equipment to be used for Monitoring and Sampling to meet the requirements of subdivision (f);
- (H) Sampling and data collection information to meet the requirements of subdivision (f):
 - (i) Operating procedures and maintenance schedule of the Monitoring and Sampling equipment to meet the requirements in paragraph (f)(4);

- (ii) Sampling schedule that meets the requirements in paragraph (f)(3); sample collection, sample retrieval, and sample analysis that meet the requirements in paragraph (f)(5); sample storage that meets the requirements in paragraph (f)(6); and, for discrete samples, a chain of custody document;
- (iii) Quality assurance plan for Monitoring and Sampling activities:
- (iv) Make-up missing sample procedures; and
- (v) Metals of Concern and/or surrogate of Metals of Concern to be sampled; and
- (I) The company name(s), location, and contact information that will be conducting:
 - (i) Sample collection and sample retrieval;
 - (ii) Sample analysis;
 - (iii) Sample storage;
 - (iv) Maintenance of Monitoring and Sampling equipment; and
 - (v) Set-up of Monitoring and Sampling equipment.
- (2) An owner or operator of a Metal TAC Monitoring Facility that is required to prepare a draft Alternative Monitoring and Sampling Plan pursuant to paragraph (g)(1) shall submit information in subparagraphs (e)(1)(A) through (e)(1)(E). An owner or operator of a Metal TAC Monitoring Facility that elects to have the Executive Officer collect wind data need not submit information in clause (e)(1)(E)(i).
- (3) The Executive Officer will notify an owner or operator of a Metal TAC Monitoring Facility in writing whether the draft Basic or Alternative Monitoring and Sampling Plan is approved. Approval of a draft Basic Monitoring and Sampling Plan will be based on information submitted pursuant to paragraph (e)(1) that meets the requirements of subdivision (f) and approval of a draft Alternative Monitoring and Sampling Plan will be based on information submitted pursuant to paragraph (e)(2).
- (4) Within 30 days of receiving a letter from the Executive Officer that states the draft Basic or Alternative Monitoring and Sampling Plan is not approved and that specifies all deficiencies, the owner or operator of a Metal TAC Monitoring Facility shall submit a revised draft Basic or Alternative Monitoring and Sampling Plan.

- (A) The Executive Officer will notify an owner or operator of a Metal TAC Monitoring Facility in writing whether the revised draft Basic or Alternative Monitoring and Sampling Plan is approved. Approval of the revised draft Basic or Alternative Monitoring and Sampling Plan submitted pursuant to paragraph (e)(4) will be based on whether the deficiencies in meeting the requirements of subdivision (f) have been addressed.
- (B) If an owner or operator of a Metal TAC Monitoring Facility receives a denial letter from the Executive Officer that the revised draft Basic Monitoring and Sampling Plan is not approved, the owner or operator shall within seven days after the date of the denial letter:
 - (i) Permanently cease operating equipment and processes that may be contributing to Metals of Concern specified in subparagraph (d)(8)(D), request to inactivate or cancel the associated permit(s) and/or application(s), and notify the Executive Officer in writing; or
 - (ii) Meet the requirements of subdivision (g) for Alternative Monitoring and Sampling and notify the Executive Officer in writing. The revised draft Basic Monitoring and Sampling Plan will be modified by the Executive Officer and be approved as an Alternative Monitoring and Sampling Plan.
- (C) If an owner or operator of a Metal TAC Monitoring Facility receives a denial letter from the Executive Officer that the revised draft Alternative Monitoring and Sampling Plan is not approved, the revised draft will be modified by the Executive Officer and be approved as an Alternative Monitoring and Sampling Plan.
- (5) The Executive Officer will notify an owner or operator of a Metal TAC Monitoring Facility in writing whether the draft Reduced Basic or Reduced Alternative Monitoring and Sampling Plan is approved. Approval will be based on information submitted pursuant to paragraph (e)(1) that meets the requirements of subdivision (f) and the following criteria:
 - (A) If only one Metal of Concern is specified in paragraph (d)(8), an owner or operator of a Metal TAC Monitoring Facility shall demonstrate that the average concentration of the Metal of Concern did not exceed the Benchmark Concentration for the 30 consecutive

- calendar days preceding the submittal of the Reduced Basic or Reduced Alternative Monitoring and Sampling Plan;
- (B) If more than one Metal of Concern is specified in paragraph (d)(8), an owner or operator of a Metal TAC Monitoring Facility shall demonstrate either:
 - (i) The average concentration of each Metal of Concern did not exceed its respective Benchmark Concentration for the 30 consecutive calendar days preceding the submittal of the Reduced Basic or Reduced Alternative Monitoring and Sampling Plan; or
 - (ii) The estimated health risk associated with all Metals of Concern from the facility are below the Reduced Risk Level for any Sensitive Receptor using air dispersion modeling and Risk Assessment Procedures referenced in Rule 1401 or an alternative approach approved by the Executive Officer;
- (C) The measures identified in an approved Early Action Reduction Plan pursuant to Rule 1402 – Control of Toxic Air Contaminants from Existing Sources or Enforceable Measures is being implemented; and
- (D) The owner or operator of a Metal TAC Facility did not previously have more than one approved Reduced Monitoring and Sampling Plan.
- (6) Within 30 days of receiving a letter from the Executive Officer that states the draft Reduced Basic or Reduced Alternative Monitoring and Sampling Plan is not approved and that specifies all deficiencies, an owner or operator of a Metal TAC Monitoring Facility shall either notify the Executive Officer that a revised draft Reduced Basic or Reduced Alternative Monitoring and Sampling Plan will not be submitted or submit a revised draft Reduced Basic or Reduced Alternative Monitoring and Sampling Plan.
 - (A) The Executive Officer will notify an owner or operator of a Metal TAC Monitoring Facility in writing whether the revised draft Reduced Basic or Reduced Alternative Monitoring and Sampling Plan submitted pursuant to paragraph (e)(6) is approved. Approval will be based on whether the deficiencies in the letter have been addressed.

- (B) If an owner or operator of a Metal TAC Monitoring Facility receives a denial letter from the Executive Officer that the revised draft Reduced Basic Monitoring and Sampling Plan is not approved, the owner or operator shall continue to implement the most recently approved Basic Monitoring and Sampling Plan pursuant to subparagraph (d)(9)(B).
- (C) If an owner or operator of a Metal TAC Monitoring Facility receives a denial letter from the Executive Officer that the revised draft Reduced Alternative Monitoring and Sampling Plan is not approved, the owner or operator shall continue paying fees for Monitoring and Sampling based on the most recently approved Alternative Monitoring and Sampling Plan pursuant to subparagraph (g)(1)(C).
- (7) Prior to implementing any changes that would result in a modification to the information submitted in the most recently approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan pursuant to paragraph (e)(1) or (e)(2), an owner or operator of a Metal TAC Monitoring Facility shall modify and submit a draft Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan.
- (8) No later than 30 days after receiving written notification from the Executive Officer that modification(s) to an approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan are needed to meet the requirements of subdivision (f), the owner or operator of a Metal TAC Monitoring Facility shall modify and submit a draft Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan that incorporates the required modifications in the written notice.
 - (A) The Executive Officer will notify the owner or operator of a Metal TAC Monitoring Facility of approval pursuant to paragraphs (e)(3) and (e)(5).
 - (B) If the draft Basic or Alternative Monitoring and Sampling Plan is not approved by the Executive Officer, the owner or operator shall follow the provisions in paragraph (e)(4).
 - (C) Within 30 days of receiving a letter from the Executive Officer that states the draft Reduced Basic or Reduced Alternative Monitoring and Sampling Plan submitted pursuant to paragraph (e)(8) is not

approved and that specifies all deficiencies, the owner or operator of a Metal Monitoring Facility shall submit a revised draft Reduced Monitoring and Sampling Plan.

- (i) The Executive Officer will notify an owner or operator of a Metal TAC Monitoring Facility in writing whether the revised draft Reduced Basic or Reduced Alternative Monitoring and Sampling Plan submitted pursuant to paragraph (e)(8) is approved. Approval will be based on whether the deficiencies in the letter have been addressed.
- (ii) If an owner or operator of a Metal TAC Monitoring Facility receives a denial letter from the Executive Officer that the revised draft Reduced Basic or Reduced Alternative Monitoring and Sampling Plan submitted pursuant to paragraph (e)(8) is not approved, the revised draft will be modified by the Executive Officer and be approved as a Reduced Basic or Reduced Alternative Monitoring and Sampling Plan.
- (9) The evaluation of a Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan shall be subject to plan fees specified in Rule 306 Plan Fees.
- (10) The preparation of an Alternative Monitoring and Sampling Plan to meet the requirements of clause (e)(1)(E)(i) and subparagraphs (e)(1)(F) through (e)(1)(I) shall be subject to the fees <u>pursuant to Rule 306</u>:
 - (A) Pursuant to Rule 306; or
 - (B) Pursuant to Appendix 1 of this rule, if Rule 306 does not list the fees for preparing an Alternative Monitoring and Sampling Plan.
- (f) Monitoring and Sampling Requirements
 - (1) An owner or operator of a Metal TAC Monitoring Facility with an approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan shall maintain the most recently approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan to include all equipment and processes that emit Metal TAC(s) and represents current operating conditions at the Metal TAC Monitoring Facility.

- (2) An owner or operator of a Metal TAC Monitoring Facility with an approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan shall install Metal TAC monitors and conduct Monitoring and Sampling at a minimum of one site that is based on the Maximum Expected Ground Level Concentration of the Metals of Concern.
- (3) An owner or operator of a Metal TAC Monitoring Facility with an approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan shall collect one Valid Sample from midnight-to-midnight, or on the timeframe specified in the most recently approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan, at each site provided the total sampling time is no less than 23 hours and no greater than 25 hours:
 - (A) At least once every three days on a schedule approved by the Executive Officer for Metals of Concern;
 - (B) At least once every six days on a schedule approved by the Executive Officer for Metals of Concern for a facility on a reduced monitoring and sampling frequency pursuant to subdivision (h); or
 - (C) On a date specified in a written notice from the Executive Officer in lieu of a normally scheduled date that is an atypical sampling day.
- (4) An owner or operator of a Metal TAC Monitoring Facility with an approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan shall operate and maintain sampling equipment in accordance with U.S. EPA methods or other appropriate methods approved by the Executive Officer in the Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan.
- (5) An owner or operator of a Metal TAC Monitoring Facility with an approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan shall collect and analyze each Valid Sample in accordance with U.S. EPA methods or other appropriate methods approved by the Executive Officer in the Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan. An owner or operator of a Metal TAC Monitoring Facility shall maintain a record of the chain of custody for discrete Valid Samples and analyze the Valid Samples in a laboratory that follows the methodology for ambient air monitoring analysis for discrete Valid Samples approved by the Executive Officer in

- the Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan.
- (6) An owner or operator of a Metal TAC Monitoring Facility with an approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan shall:
 - (A) Retain and properly store Valid Samples collected for six months from the sample date or other time period approved by the Executive Officer in the approved Monitoring and Sampling Plan, unless the entire filter media is digested and consumed;
 - (B) Retain and properly store the solution rendered from the acid extraction of a filter sample used for metals sample analysis, for six months from the sample date or other time period approved by the Executive Officer in the approved Monitoring and Sampling Plan, unless the solution was consumed during analysis; and
 - (C) Retain the chain of custody records for three years from the sample date for discrete Valid Samples.
- (7) Within five business days from the request by Executive Officer, an owner or operator of a Metal TAC Monitoring Facility with an approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan shall provide:
 - (A) Valid Samples, unless the entire filter media is digested and consumed; or
 - (B) Solution rendered from the acid extraction of a filter sample used for metals sample analysis, unless the solution was consumed during prior analysis.
- (8) An owner or operator of a Metal TAC Monitoring Facility with an approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan shall continuously record wind speed and direction, if required in an approved Monitoring and Sampling Plan.
- (9) An owner or operator of a Metal TAC Monitoring Facility with an approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan shall not miss collecting a Valid Sample, unless the Valid Sample was not collected due to a mechanical failure, including a power outage, as determined by the Executive Officer, for more than one day over any 30 consecutive calendar days from each monitor approved by the Executive Officer.

- (10) An owner or operator of a Metal TAC Monitoring Facility shall not conduct any activities that have the potential to damage or bias the samples.
- (g) Alternative Monitoring and Sampling
 - (1) An owner or operator of a Metal TAC Monitoring Facility that elects to have the Executive Officer conduct Monitoring and Sampling in lieu of meeting the requirements of subparagraph (d)(9)(B) or pursuant to clause (e)(4)(B)(ii) shall:
 - (A) No later than 30 days after receiving a notice from the Executive Officer, submit a draft Alternative Monitoring and Sampling Plan pursuant to paragraph (e)(2) unless a Basic Monitoring and Sampling Plan was submitted pursuant to subparagraph (d)(9)(A);
 - (B) Provide access to the facility for the Executive Officer or its thirdparty contractor to conduct Monitoring and Sampling; and
 - (C) No later than the date specified in the approval letter, the owner or operator of a Metal TAC Monitoring Facility that elects to have the Executive Officer conduct Monitoring and Sampling pursuant to paragraph (g)(1) shall pay the operating and maintenance fees to the South Coast AQMD for the Executive Officer to conduct Monitoring and Sampling pursuant to the approved Alternative Monitoring and Sampling Plan pursuant to Rule 301 Permitting and Associated Fees.÷
 - (i) Pursuant to Regulation III Fees; or
 - (ii) Pursuant to Appendix 1 of this rule, if Regulation III does not list the fees for Monitoring and Sampling.
 - (2) An owner or operator of a Metal TAC Monitoring Facility that has an approved Alternative Monitoring and Sampling Plan that elects to begin conducting Monitoring and Sampling in lieu of the Executive Officer conducting Monitoring and Sampling shall:
 - (A) Notify the Executive Officer that the owner or operator has elected to conduct Monitoring and Sampling pursuant to subparagraph (d)(9)(B);
 - (B) Submit a draft Basic Monitoring and Sampling Plan for approval pursuant to subdivision (e); and
 - (C) Meet the requirements of subparagraph (d)(9)(B).

- (3) An owner or operator of a Metal TAC Monitoring Facility that is conducting Monitoring and Sampling pursuant to subparagraph (d)(9)(B) and elects to have the Executive Officer conduct Monitoring and Sampling shall:
 - (A) Notify the Executive Officer that the owner or operator has elected to have the Executive Officer conduct Monitoring and Sampling in lieu of meeting the requirements of paragraph (d)(9)(B);
 - (B) Submit a draft Alternative Monitoring and Sampling Plan for approval pursuant to subdivision (e); and
 - (C) Meet the requirements of subparagraphs (g)(1)(B) and (g)(1)(C).
- (h) Reduced Monitoring and Sampling Frequency and/or Monitors
 - (1) An owner or operator of a Metal TAC Monitoring Facility implementing an approved Basic Monitoring and Sampling Plan that meets the criteria in subparagraphs (e)(5)(A) through (e)(5)(C) and elects to reduce the Monitoring and Sampling frequency, from once every three days to once every six days and/or to reduce the number of monitors, shall:
 - (A) Submit a draft Reduced Basic Monitoring and Sampling Plan for approval pursuant to subdivision (e); and
 - (B) No sooner than the date specified in the approval letter for the Reduced Basic Monitoring and Sampling Plan, implement the approved Reduced Basic Monitoring and Sampling Plan and comply with the Monitoring and Sampling requirements pursuant to subdivision (f).
 - (2) If the concentration of three consecutive Valid Samples each exceeded the Benchmark Concentration by four times, for any individual Metal of Concern, the owner or operator of a Metal TAC Monitoring Facility shall notify the Executive Officer by:
 - (A) Calling 1-800-CUT-SMOG within 24-hours of receiving the third Valid Sample result and provide:
 - (i) Facility name;
 - (ii) Identification of the monitor with corresponding Valid Sample;
 - (iii) Date of each exceedance;
 - (iv) Valid Sample concentrations; and

- (B) Submitting a written report within three calendar days of calling the Executive Officer, pursuant to subparagraph (h)(2)(A), that provides an explanation of the cause(s) of the exceedances, to the extent known.
- (3) If an owner or operator of a Metal TAC Monitoring Facility receives notification from the Executive Officer that the concentration of three consecutive Valid Samples each exceeded the Benchmark Concentration by four times, for any individual Metal of Concern and, that after taking into consideration the information provided in subparagraphs (h)(2)(A) and (h)(2)(B), the Executive Officer determines that the exceedances were attributed to the Metal TAC Monitoring Facility, the owner or operator shall:
 - (A) Resume collecting one Valid Sample, at each site, at least once every three days no later than the next scheduled sampling day; and
 - (B) Implement the Executive Officer-provided Basic Monitoring and Sampling Plan that is based on the information in the most recently approved Reduced Basic Monitoring and Sampling Plan and comply with the Monitoring and Sampling requirements pursuant to subdivision (f).
- (4) An owner or operator of a Metal TAC Monitoring Facility with an approved Alternative Monitoring and Sampling Plan that meets the criteria in subparagraphs (e)(5)(A) through (e)(5)(C) and elects to reduce the sampling frequency from once every three days to once every six days and/or to reduce the number of monitors shall:
 - (A) Submit a draft Reduced Alternative Monitoring and Sampling Plan for approval pursuant to subdivision (e); and
 - (B) No later than the date specified in the approval letter for the Reduced Alternative Monitoring and Sampling Plan, pay fees for the reduced sampling frequency and/or reduced number of monitors as specified in the approved Reduced Alternative Monitoring and Sampling Plan.
- (5) The Executive Officer will notify the owner or operator of a Metal TAC Monitoring Facility, subject to subparagraph (h)(4)(B), if the concentration of three consecutive Valid Samples each exceeded the Benchmark Concentration by four times, for any individual Metal of Concern. The owner or operator of a Metal TAC Monitoring Facility electing to provide

the Executive Officer information to substantiate that the exceedances are not attributed to the facility, shall submit a written report within three calendar days of receiving notification from the Executive Officer and provide an explanation of the cause(s) of the exceedances, to the extent known.

- (6) If an owner or operator of a Metal TAC Monitoring Facility, subject to subparagraph (h)(4)(B), receives notification from the Executive Officer that the concentration of three consecutive Valid Samples each exceeded the Benchmark Concentration by four times, for any individual Metal of Concern and, that after taking into consideration the information provided in paragraph (h)(5), the Executive Officer determined that the exceedances were attributed to the Metal TAC Monitoring Facility, the owner or operator shall:
 - (A) Pay fees for collecting one Valid Sample, at each site, at least once every three days no later than the next scheduled sampling day; and
 - (B) Allow the Executive Officer to conduct Monitoring and Sampling pursuant to the Executive Officer-provided Alternative Monitoring and Sampling Plan that is based on the information in the most recently approved Reduced Alternative Monitoring and Sampling Plan.
- (i) Monitoring, Recordkeeping, and Reporting Requirements
 - (1) Effective upon start of Monitoring and Sampling pursuant to subdivision (f), an owner or operator of a Metal TAC Monitoring Facility shall electronically submit a report to the Executive Officer, using a format approved by the Executive Officer, by the 21st of each month. The report shall include the results of the Valid Sample analysis for the Metals of Concern and the wind monitoring data, if applicable, for the preceding month in a format approved by the Executive Officer that includes the following:
 - (A) Valid Sample collection date;
 - (B) Valid Sample collection location;
 - (C) Individual Valid Sample concentrations; and
 - (D) Consecutive 30 calendar day rolling average concentrations.

- (2) An owner or operator of a Metal TAC Monitoring Facility shall maintain the following records for a minimum of three years and make the records available to the Executive Officer upon request:
 - (A) Housekeeping activities;
 - (B) Maintenance activities;
 - (C) Construction and demolition activities;
 - (D) Throughput records of metals used in any operations capable of generating emissions of Metals of Concern;
 - (E) Wind speed and direction data, if required in an approved Monitoring and Sampling Plan;
 - (F) Calibration records of Metal TAC monitors and wind monitors, if required in an approved Monitoring and Sampling Plan;
 - (G) Raw data, monthly reports pursuant to paragraph (i)(1), and calculations used to calculate Metal TAC concentrations:
 - (H) Most recently approved Basic, Alternative, Reduced Basic, or Reduced Alternative Monitoring and Sampling Plan with the accompanying approval letter; and
 - (I) Chain of custody records.
- (3) If the concentration of three consecutive Valid Samples each exceeded the Benchmark Concentration by four times, for any individual Metal of Concern, the owner or operator of a Metal TAC Monitoring Facility shall notify the Executive Officer by:
 - (A) Calling 1-800-CUT-SMOG within 24 hours of receiving the third Valid Sample result and provide the information specified in subparagraphs (h)(2)(A) and (h)(2)(B); and
 - (B) Submitting a written report within three calendar days of calling the Executive Officer, pursuant to subparagraph (i)(3)(A), that provides an explanation of the cause(s) of the exceedances, to the extent known.
- (4) An owner or operator of a Metal TAC Monitoring Facility shall notify the Executive Officer by calling 1-800-CUT-SMOG within two hours of knowing that a Valid Sample was not or will not be collected from any approved monitor and provide:
 - (A) Facility name;
 - (B) Identification of the monitor;
 - (C) Date of the occurrence;

- (D) Reason why a sample was not collected or the collected sample did not meet the definition of a Valid Sample to the extent known;
- (E) Repair date or anticipated repair date to the extent known, if the cause was due to mechanical failure of an approved monitor; and
- (F) If the mechanical failure was due to a power outage, provide the duration of the power outage and the reason to the extent known.
- (5) Within seven days following notification to the Executive Officer pursuant to paragraph (i)(4), an owner or operator of a Metal TAC Monitoring Facility shall electronically submit to the Executive Officer, using a format approved by the Executive Officer, copies of documentation of any required repairs or replacement due to mechanical failure of an approved monitor. The Executive Officer may extend this deadline as needed based upon the repair date.

(j) Discontinuation of Monitoring and Sampling

Upon receiving notification from the Executive Officer that the required Risk Reduction Plan under Rule 1402 has been fully implemented or if a Risk Reduction Plan is not required, that the Health Risk Assessment under Rule 1402 has been approved, the facility shall no longer be designated as a Metal TAC Monitoring Facility and no longer subject to paragraph (d)(9).

(k) Exemptions

- (1) Lead emissions subject to ambient air monitoring as required by Rule 1420 Emissions Standard for Lead, Rule 1420.1 Emission Standards for Lead and Other Toxic Air Contaminants from Large Lead-Acid Battery Recycling Facilities, or Rule 1420.2 Emission Standards for Lead from Metal Melting Facilities, shall not be subject to this rule.
- (2) Hexavalent chromium emissions subject to ambient air monitoring as required by Rule 1156 Further Reductions of Particulate Emissions, shall not be subject to this rule.
- (3) Upon verification by the Executive Officer, an owner or operator of a facility that is independently owned and operated with average annual gross receipts of three million dollars (\$3,000,000) or less, averaged over the previous three years, and 25 or fewer employees shall be exempt from the provisions of this rule, except paragraphs (d)(1) and (d)(2). No later than

- 60 days after receiving an Initial Notice pursuant to paragraph (d)(1), the owner or operator of a facility shall provide:
- (A) Information that the facility is independently owned or operated;
- (B) Tax returns for the previous three years or other documentation approved by the Executive Officer to demonstrate the gross receipts averaged over the previous three years is three million dollars or less; and
- (C) U.S. Internal Revenue Service Form 941 Employer's Quarterly Federal Tax Return for the previous three years or other documentation approved by the Executive Officer to demonstrate the number of employees is 25 or fewer full-time or part-time employees.

Appendix 1: South Coast AQMD Monitoring and Sampling Fees

1. Principle

This fee is applicable to all facilities that elect to have the South Coast AQMD conduct Monitoring and Sampling. The fees in this Appendix shall no longer be in effect when Regulation III includes these fees. The fees include monitoring equipment, material, labor, sample retrieval, sample analysis, construction and other associated fees. An owner or operator shall be responsible for the fees for Monitoring and Sampling from the date specified in the Alternative or Reduced Alternative Monitoring and Sampling Plan. South Coast AQMD typically deploys two field staff members to perform field work due to potential hazards encountered in the field. During the review of an Alternative Monitoring and Sampling or Reduced Alternative Monitoring and Sampling Plan, the Executive Officer will evaluate and determine if it is appropriate to have only one field staff member to conduct Monitoring and Sampling at the Metal TAC Monitoring Facility. A Metal TAC Monitoring Facility would be notified of the Executive Officer's decision at the time of approval of the Alternative or Reduced Alternative Monitoring and Sampling Plan. The Executive Officer's decision on the number of field staff members needed will be based on the following factors:

- 1. Height of the monitor
- 2. Use of a ladder
- 3. Sampling schedule
- 4. Access to the facility
- 5. Safety concerns

2. Preparation of an Alternative Monitoring and Sampling Plan

An owner or operator shall be responsible for \$6,000, which are the fees associated with the preparation of an Alternative Monitoring and Sampling Plan to meet the requirements of clause (e)(1)(E)(i) and subparagraphs (e)(1)(F) through (e)(1)(I).

3. Monitoring and Sampling Fee

A. The monthly fees listed in Table 1—Alternative or Reduced Alternative Monitoring and Sampling Plan Monthly Monitoring Fees list the fees for a specific monitor and each additional monitor required by the Executive Officer to conduct Monitoring and Sampling.

Table 1 — Alternative or Reduced Alternative Monitoring and Sampling Plan
Monthly Monitoring Fees

		Sampling Frequency			
	Number and Type of Monitor	1 in 3 Days		1 in 6 Days	
		2 Staff	1 Staff	2 Staff	1 Staff
	1 - Metal TAC Monitor -	\$10,000	\$6,500	\$5,000	\$3,500
	Hexavalent Chromium	\$10,000			
	1 - Metal TAC Monitor	\$ 5,500	\$3,500	\$3,000	\$2,000
Base	Non-Hexavalent Chromium	\$3,300			
	1 - Metal TAC Monitor				
	Hexavalent Chromium &	\$13,000	\$8,500	\$6,500	\$4,500
	1 - Metal TAC Monitor	\$13,000			
	Non-Hexavalent Chromium				
Additional	1- Metal TAC Monitor -	\$4,000	\$3,500	\$2,500	\$2,000
	Hexavalent Chromium	\$4,000			
	1- Metal TAC Monitor	\$2,500	\$2,000	\$1,500	\$1,000
	Non-Hexavalent Chromium	φ2,300			

- B. The fees for a wind monitor are \$500 per month, if the owner or operator of a Metal TAC Monitoring Facility elects to have the South Coast AQMD collect wind speed and direction data to meet the requirements of paragraph (f)(8).
- C. If the Executive Officer contracts Monitoring and Sampling with a third party contractor, the fees would be specified by the third party contractor.
- D. The number, type, and location of the monitors is initially specified in subparagraph (d)(8)(E) and stated in the Alternative or Reduced Alternative Monitoring and Sampling Plan.
- E. Pursuant to paragraph (e)(8), the Executive Officer may require the owner or operator to submit a draft Alternative or Reduced Alternative Monitoring and Sampling Plan to modify the number, type, and/or location of the monitors needed to conduct Monitoring and Sampling based on new information from the date the facility was designated a Metal TAC Monitoring Facility.

4. Payment Deadline

The operating and maintenance fees shall be billed on a monthly basis with payments due on or before the end of the month for which Monitoring and Sampling is required

and include any other unpaid operating and maintenance fees. If the operating and maintenance fee is not paid in full within 60 calendar days of its due date, a 10 percent surcharge shall be imposed.

5. Pro-rated Payments

- A. If Monitoring and Sampling will no longer be required to be conducted by the Executive Officer or if the sampling frequency is modified in the middle of a month, an owner or operator shall pay fees at a prorated amount.
- B. If the number and/or type of monitors is modified in the middle of a month, an owner or operator shall pay fees at a prorated amount.

Appendix 21: Methodology for Calculating Benchmark Concentration

1. Principle

This appendix provides a methodology for calculating the Benchmark Concentration for a Metal of Concern. The Benchmark Concentration will be the higher of the either (1) Ratio Concentration; or (2) Estimated Risk Concentration. The Benchmark Concentration calculation is specific for each facility and each Metal of Concern and would be specified in the designation letter pursuant to (d)(8)(F).

2. Health Risk at a Sensitive Receptor

Pursuant to subparagraph (d)(7)(D), one of the criteria to designate a facility as a Metal TAC Monitoring Facility is the estimated health risk based on the Metal TAC emissions from the facility exceeds the Significant Risk Level for any Sensitive Receptor using air dispersion modeling and Risk Assessment Procedures referenced in Rule 1401. The highest estimated cancer and non-cancer health risk at a Sensitive Receptor must be calculated and compared to the Significant Risk Level. A facility meets this criteria if the cancer or non-cancer health risk at a Sensitive Receptor exceeds the Significant Risk Level. The following provides additional guidance in determining the highest estimated health risk at a sensitive receptor:

- If the cancer and non-cancer health risk exceeds the Significant Risk Level at a sensitive receptor, both health risk values must be used to determine the Benchmark Concentrations;
- The Executive Officer may determine a facility exceeds the Significant Risk Level based on some or all of the sources of Metal TAC emissions from the facility;
- In the absence of facility specific information, use of source-specific emission factors and control efficiencies will be applied using good engineering practices; and
- Configuration of equipment, building openings, operating parameters, throughput, and material usage will be based on information provided by the operator, permit conditions, inspection reports, and observations by the Executive Officer.

3. Ratio Concentration

The Ratio Concentration is the highest 30 consecutive day average concentration of monitoring and sampling prior to designation as a Metal TAC Monitoring Facility divided by the ratio of the highest health risk at the Sensitive Receptor and the Reduced Risk Level. If the highest estimated health risk at the Sensitive Receptor exceeds both the cancer and non-cancer Significant Risk Level, then the Ratio Concentrations for both cancer and non-cancer risks will need to be calculated and the higher of the two Ratio Concentrations will be used. The Ratio Concentration is calculated by taking the highest 30 consecutive calendar day average concentration and dividing it by the Ratio, as described in the following formula:

Highest 30 Consecutive Day Average Concentration

Ratio (Cancer or Non-cancer)

3a. Calculating the Ratio

The Ratio (Cancer) is calculated by dividing the highest cancer risk at the Sensitive Receptor by the cancer risk of the Reduced Risk Level. Similarly, a Ratio (Non-cancer) is calculated by dividing the highest non-cancer Hazard Index at the Sensitive Receptor by the non-cancer Hazard Index of the Reduced Risk Level. The Ratio formula is:

Sensitive Receptor Health Risk from Facility (Cancer Risk or Hazard Index)

Reduced Risk Level (Cancer Risk of 25 in one million or Hazard Index of 3.0)

3b. Determining the Highest 30 Consecutive Day Average Concentration

The highest 30 consecutive day average concentration is the highest average concentration of a Metal TAC during any consecutive 30 days of monitoring and sampling that was conducted by the Executive Officer at a monitor identified in the Notice of Findings. This concentration would be based on monitoring and sampling that is conducted prior to designation as a Metal TAC Monitoring Facility.

4. Estimated Risk Concentration

The Estimated Risk Concentration is the sum of the concentration representing the Reduced Risk Level and the Basin-wide background concentration from the most recent Multiple Air Toxics Exposure Study (MATES) for the Metal TAC. If the highest estimated health risk at the Sensitive Receptor exceeds both the cancer and non-cancer Significant Risk Level, then the Estimated Risk Concentrations for both cancer and non-cancer risks will need to be calculated and the higher of the two ratios will be used. Using the Risk Assessment Procedures referenced in Rule 1401, the concentration is

calculated using the Reduced Risk Level (cancer risk of 25 in one million or chronic Hazard Index of 3.0). The Estimated Risk Concentration formula is:

Reduced Risk Level concentration + Basin-wide background from MATES

5. Benchmark Concentration

The Benchmark Concentration is the higher of the Ratio Concentration or the Estimated Risk Concentration. It will be specified for each Metal of Concern in the designation letter provided to the Metal TAC Monitoring Facility pursuant to subparagraph (d)(8)(F).

 Alternative Methodology for Establishing the Benchmark Concentration for Multiple Metal TAC Monitoring Facilities

The Executive Officer may utilize an alternative methodology for establishing a Benchmark Concentration that better represents the Metals of Concern that are emitted from a facility and captured by their downwind monitor, when there are multiple facilities that have emissions of the same Metals of Concern. The alternative methodology shall establish a Benchmark Concentration that is representative of the Reduced Risk Level at a sensitive receptor for each Metal of Concern taking into account facilities that are in close proximity that have the same Metals of Concern. The Executive Officer will use an alternative methodology if:

- A. There is one or more facilities that are within 1,000 feet of the owner or operator's Metal TAC Monitoring Facility, where the distance is measured fenceline to fenceline of each facility;
- B. Each facility referenced in (6)(A) of this appendix has been issued an Initial Notice pursuant to paragraph (d)(1); and
- C. The Executive Officer has emissions data that the facility or facilities referenced in (6)(A) of this appendix has equipment or sources within the facility with the same Metals of Concern as those emitted by the Metal TAC Monitoring Facility.

ATTACHMENT H

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Final Staff Report

Proposed Amended Regulation III – Fees; and Proposed Amended Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants

Including:

Proposed Amended Rule 301 – Permitting and Associated Fees

Proposed Amended Rule 303 – Hearing Board Fees

Proposed Amended Rule 304 – Equipment, Materials, and Ambient Air Analyses

Proposed Amended Rule 304.1 – Analyses Fees

Proposed Amended Rule 306 – Plan Fees

Proposed Amended Rule 307.1 – Alternative Fees for Air Toxics Emissions Inventory

Proposed Amended Rule 308 – On-Road Motor Vehicle Mitigation Options Fees

Proposed Amended Rule 309 – Fees for Regulation XVI and Regulation XXV

Proposed Amended Rule 311 – Air Quality Investment Program (AQIP) Fees

Proposed Amended Rule 313 – Authority to Adjust Fees and Due Dates

Proposed Amended Rule 314 – Fees for Architectural Coatings

Proposed Amended Rule 315 – Fees for Training Classes and License Renewal

Proposed Amended Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants

May 2022

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EXECUTIVE SUMMARY

Regulation III - Fees establishes the fee rates and schedules to recover South Coast AQMD's reasonable costs of regulating and providing services, primarily to permitted sources. The agency's permit—system_program, see California Health and Safety Code (H&SC) Section 42300, is principally supported by three types of fees, namely permit processing fees for both facility permits and equipment-based permits, annual permit renewal fees, and emission-based annual operating fees, all of which are contained in Rule 301. Also included in the permit—system_program are Rule 222 registration fees and plan fees, since these are similar to permits for the sources to which they apply. Regulation III also establishes fees and rates for other fee programs, unrelated to the permit system_program, including but not limited to Transportation Programs fees, WAIRE program fees (warehouse compliance), and Area Source fees (architectural coatings).

Proposed Amended Regulation III is annually brought to the South Coast AQMD Governing Board for consideration for adoption, often in conjunction with the Proposed Budget and Work Program. These proposed amendments typically include a California Consumer Price Index (CPI) increase of the majority of fees contained in Regulation III pursuant to Rule 320, along with necessary proposed fee increases for the purposes of cost recovery and other administrative changes for clarifications, deletions, or corrections to existing rule language.

As part of the 2022 Regulation III cycle, staff will take into consideration two Rule 301 fee reassessments as required upon rule adoption in prior years. Regulation III amendments adopted in 2018 included language in Rule 301(aa)(4) requiring a triennial fee reassessment for the annual operating and maintenance fees associated with Rule 1180 Community Air Monitoring Systems. Additionally, the South Coast AQMD Governing Board adopted a resolution in conjunction with the 2019 Regulation III amendments, requiring the reassessment of the restructured Toxic Air Contaminants (TAC) Fee within one year of full phase-in of those fees.

With this proposal, South Coast AQMD seeks to update its fee rules with proposed amendments aimed at cost recovery, clarifications, and corrections. Staff is proposing the following amendments to Regulation III and Rule 1480:

- An automatic increase of most fees by 6.5% consistent with the percent increase in California CPI from December 2020 to December 2021.
- Seven targeted proposals with potentially increased fees or potential removal of fee exemptions, all of which are necessary to provide more specific cost recovery for other regulatory actions taken by the South Coast AQMD. These proposals include:
 - 1) A proposed fee increase for Rule 1180 Community Air Monitoring Annual Operating and Maintenance Fees pursuant to H&SC Sections 42705.6(f)(1) and (f)(2);

¹ They include proposals which are intended to clarify the applicable fee rate based on the current practice. However, staff has conservatively included these proposals among the proposed amendments with fee impacts given the applicability of potentially higher fee rates.

- 2) A proposal to create a new equipment category in Rule 301 to correct that results in an increase to permit fee rates for spray booths equipped with High Efficiency Particulate Arrestors (HEPA) or Ultra Low Particulate Arrestors (ULPA) used to control Rule 1401 toxics;
- 3) A proposal to add Rule 1109.1 I-Plan, B-Plan, and B-Cap as types of plans that are subject to Rule 306 Plan Annual Renewal Fees;
- 4) A proposal to add Rule 463 Floating Roof Tank Seal Certifications as a type of plan that is subject to Rule 306 Plan Evaluation Fees;
- 5) A proposal to add Operation, Maintenance, and Monitoring Plans required by National Emissions Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units as a type of plan that is subject to Rule 306 Plan Annual Renewal Fees:
- 6) A proposed update to the applicable permit processing fees for a subsequent application in the event a permit to construct has expired under the provisions of Rule 205; and
- 7) A proposed removal of <u>the</u> existing fee exemption in Rule 301 for notifications pursuant to Rule 1466(f)(2).
- Six proposals for administrative changes to Regulation III, which have no fee impact, but include clarifications or corrections to existing rule language. These proposals include:
 - 1) The relocation of two fees from Rule 1480 (adopted in December 2019) to Rules 301 and 306;
 - a. Monitoring fees to be incorporated into Rule 301 from Rule 1480 Table 1
 - b. The fee for plan evaluation and approval of Monitoring and Sampling Plans to be moved to Rule 306(s)
 - 2) A clarification to the Rule 301(b)(20) definition of "Identical Equipment." The amendment will make it clear that identical equipment must be of identical make and model:
 - 3) A clarification to the Clean Fuels Fee whereby a reference to the late fee in Rule 301(e)(10)(B) is added to prevent confusion as to which late submittal surcharge is used;
 - 4) A correction to language in Rule 301(e)(10)(E) specifying that fee rates for underpayments would reflect the year in which emissions occurred, not the rate at the time that the underpayment is discovered;
 - 5) A clarification to the Rule 301(b)(26) definition of "Relocation." The amendment adds additional language to make the definition the same as is currently in Rule 1401; and
 - 6) An extension of the deadline to submit Annual Emissions Reports and pay associated fees for 2022 emissions reported in 2023 due to the implementation of the California Air Resources Board's Criteria and Toxics Reporting Regulation.

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South Coast AQMD continues to seek out cost-containment opportunities and maintain reserves in an effort to address future challenges. These challenges include but are not limited to: changes in federal grant funding levels, increased retirement costs due to actuarial and investment adjustments, variations in one-time penalties, and uncertainty associated with external factors affecting the economy.

I. BACKGROUND

A. LEGAL AUTHORITY, DESCRIPTION OF SOUTH COAST AQMD'S PERMIT PROGRAM AND OTHER FEES, AND RELATIONSHIP OF FEES TO SOUTH COAST AQMD'S BUDGET

The California Health and Safety Code (H&SC) provides South Coast AQMD with the authority to adopt various fees to recover the costs of its programs. Section 40510(b) authorizes South Coast AQMD to adopt "a fee schedule for the issuance of variances and permits to cover the reasonable cost of permitting, planning, enforcement, and monitoring related thereto." Virtually every cost related to regulating permitted sources may be recovered under this type of fee (H&SC Section 40506). Entities regulated through the South Coast AQMD's permit system program receive two types of permits: facility permits and equipment-based permits. These permits apply to each permitted facility or each piece of permitted equipment. RECLAIM² and Title V facilities receive a facility permit which incorporates all of their equipment-based permits into a single document, whereas other sources receive independent equipment-based permits.

The South Coast AQMD has adopted three basic types of permit fees: permit processing fees, annual renewal operating fees (equipment-based), and emissions-based operating fees. Traditionally, the South Coast AQMD has endeavored to recover its costs of permit processing from permit processing fees, its costs of inspection and enforcement from annual renewal operating fees, and its indirect costs necessary to conduct overall permit-related regulatory activities, including related planning, monitoring, rule development and outreach programs, from emissions-based operating fees.³ In recent years, some of these indirect costs have been recovered from annual operating fees rather than emissions-based fees, since emissions fees are a declining source of revenue, without a corresponding reduction in necessary rulemaking efforts and other permit-related activities.

The current structure for permit processing fees derives ultimately from a study of actual time spent processing permits, conducted by KPMG Peat Marwick. Permit processing fee schedules were subsequently developed and updated based on actual time spent processing various types of equipment as gathered by permit processing staff.⁴

² RECLAIM stands for REgional CLean Air Incentives Market, a cap-and-trade program that regulates the emissions of NOx and SOx in the South Coast Air Basin.

³ California courts have upheld the use of emissions-based fees to cover these types of costs, holding that such an allocation method is reasonably related to an air district's costs of regulating a permit holder's air pollution. (*San Diego Gas & Electric Co. v. San Diego County APCD* (1988) 203 Cal. App. 3d 1132, 1148).

⁴ In November 1989, the consulting firm of Peat Marwick Main and Co. "…began a comprehensive study, in concert with South Coast AQMD staff to assess the status of District fee programs which are outlined in Regulation III." The resulting "Recommendation Regarding Fee Assessment Study" report was presented to the South Coast AQMD Governing Board on March 28, 1990 (Agenda Item #10).

On August 11, 1994, the South Coast AQMD Governing Board authorized an independent study of the South Coast AQMD's fee structure and authority. A panel composed of representatives from Chevron, LA County Sanitation District, Hughes Environmental Corporation, Orange County Transportation Authority and the South Coast AQMD

The fee for equipment-based permits to construct or operate are based on the type of equipment involved, with higher fees for equipment with higher emissions and/or more complex relationships between operation and emissions, which require a higher level of staff effort to review and evaluate the associated permit applications for compliance with applicable rules and regulations. Each type of basic equipment and control equipment is assigned a fee schedule, A through H, as set forth in Rule 301, Tables IA and IB. For some equipment, a permit to construct is issued prior to issuing a permit to operate. For other equipment or application types, a permit to operate is issued directly.

The fees for renewal of permits to operate are further divided into two components: an equipment-based permit renewal fee and an emissions-based annual operating fee. The equipment-based permit renewal fee is based on the same equipment schedules used for the permit to construct/operate fee, i.e., the categories A through H, but some of the schedules are grouped together, resulting in only four fee rates for the equipment-based annual permit renewal fees. Each equipment fee schedule is assigned to one of the four annual permit renewal fee rates, based on the complexity of inspection and compliance activities and the emissions potential.

The emissions-based annual operating fee includes a flat fee paid by each facility and a tiered fee for sources emitting four or more tons per year of criteria pollutants (e.g., volatile organic compounds (VOCs), nitrogen oxides (NOx), sulfur oxides (SOx), and particulate matter (PM)) and lesser amounts for emissions of specified air toxics. State law authorizes the use of emissions-based fees (H&SC Section 40510(c)(1)).

RECLAIM and Title V facilities pay additional annual permit-related renewal fees to recover the additional costs associated with these types of facilities. South Coast AQMD uses schedules based on equipment type to ensure that permit to construct/operate fees and the equipment-based annual permit renewal fees reflect the costs required for permit processing and ongoing enforcement-related activities. For sources with fee schedules F, G, and H, the potential variability in time required for permit processing of large/complex sources is addressed through the use of a minimum permit processing fee, with an option for billing hours above a specified baseline, up to a maximum total fee. For other types of equipment, permit processing fees are flat fees.

South Coast AQMD has further subdivided certain permit-related activities and imposed fees to at least partially recover their costs, such as Source Testing Review, CEQA analysis, and newspaper noticing, rather than grouping these costs into the basic permit processing or operating fees. This enables South Coast AQMD to more closely allocate the costs of specific permit-related activities to the payor responsible for the costs. While there are many sub-types of fees within the basic structure, such as special processing fees for CEQA analysis or health risk assessments (HRA),

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recommended the firm of KPMG to perform the study. A final "Report on the Study of the AQMD's Fee Structure and Authority" was presented to the South Coast AQMD Governing Board on March 10, 1995 (Agenda Item #11). Both these documents are on file and available at the South Coast AQMD Library, 21865 East Copley Drive, Diamond Bar, CA 91765, (909-396-2600).

⁵ Note that annual renewal fees for compliance plans are the same as the equipment-based Schedule A fee. Rule 306 includes a list of compliance plans that are subject to annual renewal fees after approval. These plans generally include ongoing compliance requirements that necessitate review and verification by the agency's compliance staff.

the three permit-related fees (permit processing, equipment-based annual permit renewal, and emissions-based annual operating fee) comprise the basic fee structure.

Also included in the agency's permit-system program are Rule 222 registration fees and plan fees, since these are similar to permits for the sources to which they apply (H&SC Sections 40510(b), 40522; Rules 301(u) and 306).⁶

Additional fees also have been authorized by the legislature and are included in South Coast AQMD's existing fee regulation. These fees include: variance and other Hearing Board fees (H&SC 52510(b); Rule 303); fees for the costs of programs related to indirect sources and areawide sources (H&SC Section 40522.5 and Rules 2202, 314, and 316); fees to recover the costs to the air district and state agencies of implementing and administering the Air Toxics Hot Spots Program (AB 2588) (H&SC Section 44380 et seq; 17 CCR Section 90700; and Rule 307.1); fees for refinery-related community air monitoring systems (H&SC Section 42705.6 and Rule 301(aa)); and fees for notices and copying documents (H&SC Section 40510.7 and Rule 301(f).)⁷

The above-referenced fees comprise approximately 60% of South Coast AQMD's revenue. Other sources of revenue for South Coast AQMD include revenue from mobile sources, including the Clean Fuels Fee, Carl Moyer and Proposition 1B funds. These are special revenue funds outside of the General Fund budget which pay for specific technology advancement or emission reduction projects approved by the South Coast AQMD Governing Board and are consistent with the specific limits on the use of those funds. Periodically, funds to reimburse South Coast AQMD for its administrative costs in carrying out these projects are transferred by South Coast AQMD Governing Board action into South Coast AQMD's General Fund budget. A second type of mobile source revenue is provided by AB 2766 (Motor Vehicle Subvention Program) from the 1992 legislative session, which provides South Coast AQMD with 30% of a four-dollar fee assessed on each motor vehicle registered within South Coast AQMD's jurisdiction. These funds must be used for the reduction of pollution from motor vehicles, and for related planning, monitoring, enforcement, and technical studies necessary for the implementation of the California Clean Air Act (H&SC Section 44223). Specific mobile-source related programs are funded with this revenue source, as well as a proportionate share of activities such as ambient air quality monitoring and regional modeling which are not specifically related to stationary or mobile sources individually. These motor vehicle fees are currently set at the statutory maximum. AB 2766 fees have not been increased in over 20 years. Thus, bBased on CPI, the real value of AB 2766 fees has therefore declined by about 68%. The remainder of the AB 2766 revenues provided to South Coast AQMD is divided between a share that is providedsubvened to cities and counties for mobile source emission reduction programs and a share that is used to fund mobile source emission reduction projects recommended by the Mobile Source Air Pollution Reduction Review Committee (MSRC) and approved by the South Coast AQMD Governing Board.

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⁶ Rule 222 registration fees are flat fees, but compliance plan fees include an initial payment and may be later invoiced for additional Time & Materials based on actual time spent on review. Plan fees also include annual renewal fees for specific plan types listed in Rule 306.

⁷ The rule references are intended to provide examples of the different types of statutorily authorized fees. They are not intended to be a comprehensive listing of all applicable rule provisions.

The legislature also has imposed certain limits on South Coast AQMD's fee authority. If South Coast AQMD proposes to increase existing permit fees by more than the change in the CPI, the increase must be phased in over a period of at least two years (H&SC Section 40510.5(b)). Also, if a fee increase greater than CPI is adopted, the South Coast AQMD Governing Board must make a finding, based on relevant information in the rulemaking record, that the increase is necessary and will result in an apportionment of fees that is equitable. This finding shall include an explanation of why the fee increase meets these requirements (H&SC Sections 40510(a)(4) and 40510.5(a)). These findings will be included in the South Coast AQMD Governing Board Resolution presented for the Public Hearing on Regulation III.

Moreover, the total amount of fees collected by South Coast AQMD shall not be more than the total amount collected in Fiscal Year (FY) 1993-1994, except that this total may be adjusted by the change in the CPI from year to year (H&SC Section 40523). Also, this limitation does not apply to fees adopted pursuant to a new state or federal mandate imposed on and after January 1, 1994 (H&SC Section 40523). South Coast AQMD has consistently complied with this limit. Total fees (other than mobile source fees which are not covered by this section) collected in FY 1993-94 were approximately \$69.6 million; adjusted by CPI since that time the cap would be approximately \$143.3 million. Total projected fees (except mobile source fees) for FY 2022-23 are approximately \$109 million, which remains below the CPI adjusted cap and includes the projected revenue impacts associated with the proposed rule amendments discussed below.

B. PROPOSITION 26 COMPLIANCE

On November 2, 2010, the voters of California enacted Proposition 26, which was intended to limit certain types of fees adopted by state and local governments. Proposition 26 broadly defines a tax to mean any charge imposed by a local government that does not fall within seven enumerated exceptions for valid fees. If a charge does not fall within an enumerated fee exception, it is considered a tax, and must be adopted by vote of the people. South Coast AQMD does not have authority under state law to adopt a tax, so it may only impose a charge that is a valid fee under Proposition 26.

Proposition 26 requires that the local government prove by a preponderance of the evidence that the amount of the fee "[1] is no more than necessary to cover the reasonable costs of the governmental activity, and that [2] the manner in which those costs are allocated to a payor bear a fair or reasonable relationship to the payor's burdens on, or benefits received from, the governmental activity." Cal. Const. art. XIIIC §1. In this report, staff has provided a detailed

⁸ H&SC Section 40523 specifies that the limit for the total amount of fees collected by South Coast AQMD "may be adjusted annually in FY 1994-95 and subsequent fiscal years to reflect any increase in the California Consumer Price Index for the preceding calendar year, from January 1 of the prior year to January 1 of the current year, as determined by the Department of Industrial Relations." However, the California CPI is compiled bi-monthly and no data is available for the month of January. Therefore, the adjustment has been made using the December CPI's, similar to the CPI-based adjustment pursuant to Rule 320.

⁹ Preliminary estimate as of March 2022, subject to revisions in the next versions of Staff Report. Note that this estimate is inclusive of fees adopted pursuant to new state or federal mandates imposed on and after January 1, 1994. Even so, it still remains below the CPI adjusted cap.

explanation of the agency's permit-system program and the method of allocating program costs to the fee payors.

Proposition 26 also provides that an agency must establish by a preponderance of the evidence that the fee fits within one of the fee exceptions. (Cal. Const., art. XIIIC, §1). In addition to the enumerated exceptions found in Proposition 26, courts have found that the proposition does not apply to fees adopted before its effective date. (*Brooktrails Township County. Servs. Dist. v. Bd. of Supervisors of Mendocino County* (2013), 218 Cal. App. 4th 195, 206).

All of the proposed fee increases discussed in this report fall within a recognized exception. In addition, all of the proposed increases bear a fair and reasonable relationship to a payor's burdens on, or benefits received from South Coast AQMD's activities.

II. CPI ADJUSTMENT OF FEES FOR REGULATION III

Staff is proposing to increase most fees in Regulation III by the change in the California CPI for the preceding calendar year, as defined in Health & Safety Code Section 40500.1(a). In particular, staff is planning, where applicable, to adjust fees in Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, and 315 on July 1, 2022, to correspond with the increase in the Calendar Year (CY) 2021 CPI of 6.5%.

South Coast AQMD Rule 320 – Automatic Adjustment Based on Consumer Price Index for Regulation III -Fees also provides a basis for CPI-adjusting certain fees. Pursuant to Rule 320, most fees set forth in Regulation III "[...] shall be automatically adjusted by the change in the California Consumer Price Index for the preceding calendar year, as defined in H&SC Section 40500.1(a)". This rule was adopted by the South Coast AQMD Governing Board on October 29, 2010 and establishes that in order to continue recovering agency costs, fees must keep pace at a minimum with inflation as measured using the CPI, unless otherwise directed by the South Coast AQMD Governing Board. Rule 320 provides for the automatic adjustment of most fees annually commensurate with the rate of inflation.

By design, an increase based on CPI is reasonable because it recovers the increase in South Coast AQMD's costs as a result of inflation. In addition, the manner in which those increased costs are allocated bears a fair and reasonable relationship to the burdens on South Coast AQMD's activities as established by the underlying fee schedule. Adjustments based on Rule 320 are not subject to Proposition 26 because Rule 320 was adopted prior to the effective date of Proposition 26. Rule 320 provides for an automatic adjustment most South Coast AQMD fees by the change in the CPI from the previous year. Table CPI-1 lists the fees in Regulation III that were adopted prior to the effective date of Proposition 26 but are specifically excluded from the proposed CPI-based fee rate increase and the reason for exclusion.

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TABLE CPI-1: FEES ADOPTED PRIOR TO PROPOSITION 26 AND EXCLUDED FROM CPI-BASED FEE RATE ADJUSTMENT

Fee	Reason for exclusion from CPI-based fee rate increase		
Returned check service fee in	Currently set by state law at \$25		
various rules	(California Civil Code §1719(a)(1))		
Rule 301(w) – Enforcement			
Inspection Fees for Statewide	Fee rates set by the state		
Portable Equipment Registration	(California Code of Regulations title 13, §2450 et. seq.)		
Program (PERP) fees			
Rule 307.1(d)(2)(D) – Maximum	Currently set by state law at \$200		
fee for a small business as defined	Currently set by state law at \$300 (California Code of Regulations title 17, §90704(h)(2))		
in Rule 307.1	(Camorina Code of Regulations title 17, §90704(ii)(2))		
Rule 307.1 Table I – Facility Fees	Fee rates set by the state		
By Program Category; "State	(H&SC Section 44380 et. seq.)		
Fee" column figures only	(11&SC Section 44380 et. seq.)		
Pulo 211(a) Air Quality	These fees pay for programs to reduce emissions under		
Rule 311(c) Air Quality	Rule 2202 – On Road Vehicle Mitigation Options and do		
Investment Program Fees	not support South Coast AQMD's Budget.		

III. RULE 301 FEE REASSESSMENT FOR RESTRUCTURED TOXIC AIR CONTAMINANT FEES

To help recover South Coast AQMD costs associated with emissions of toxics air contaminants (TACs), both the fee structure and fee level for TAC fees paid by permitted facilities were updated in Rule 301 in June 2019. Upon final phase-in beginning in 2021, facilities are now subject to the following fee structure:

- Any facility that emits TACs above reporting thresholds in Table IV would pay a new **Base Toxics Fee** of \$78.03 per facility.
- A new **Flat Rate Device Fee** of \$341.89 for each piece of permitted and unpermitted equipment that emits any toxic air contaminant above reporting thresholds in Table IV.
- A new Cancer Potency-Weighted (CPW) Fee of \$10 for each cancer-potency weighted pound of emissions

In addition, the amendment also increased the number of reportable speciates of polycyclic aromatic hydrocarbons (PAHs), polycyclic organic matter (POMs), and polychlorinated dibenzofurans (PCDF), many with a significantly lower associated cancer potency risk than the generic pollutants previously available. These speciates were added as an option for facilities to reduce their fee burden. Specifically, facilities can now choose to report more specific information indicating their total CPW speciated emissions are lower than if emissions were reported at the unspeciated level.

During rule development, staff was aware of the difficulty in accurately predicting the revenue increases that could result from the proposed amendments given that the way facilities report emissions could change significantly. Total reported toxic emissions can also vary significantly from year-to-year due to the quadrennial reporting schedule for some AB 2588 Air Toxics "Hot

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Spots" facilities. As a result, the South Coast AQMD Governing Board adopted a resolution directing staff to report back to the Governing Board Administrative Committee within one year of final phase in of the toxics emissions fee on (1) the revenues raised by the fee, (2) the costs associated with toxics work covered by the fee, and (3) South Coast AQMD's efforts to obtain funding for toxics work covered by this fee. Each of the requested items above is addressed in the ensuing sections.

Actual Revenue from Reported TAC Emissions for CY 2020

Historically, South Coast AQMD collected approximately \$500,000 annually in TAC fees paid by facilities. The new TAC fees adopted in 2019 were originally projected to raise total annual revenues to \$4.8M upon full implementation across all three fee categories (Base Toxics Fee, Device Fee, CPW Fee). Actual revenues collected based on TAC emissions reported for CY 2020 (during the 2021 Annual Emissions Reporting Period) totaled \$2.9M and fell short of the 2019 projections - see Table 1 below.

Fee	Projected	Actual	Difference	Reason for Shortfall
Base Toxics Fees	\$73,036	\$44,945	-\$28,091	Fewer facilities subject to TAC Fees
Device Fees	\$1,356,620	\$1,502,948	\$146,328	-
CPW Fees	\$3,366,876	\$1,376,060	-\$1,990,816	Fewer emissions reported; fewer facilities subject to TAC Fees
Total	\$4,796,532	\$2,923,954	-\$1,872,578	-

Table 1: Projected vs Actual Fee Revenues from CY 2020 TAC Emissions

Staff has compared CY 2020 facility-level data on TAC emissions to the historical emissions data that the initial projections were based on in the 2019 amendment. There appear to be two main factors contributing to the revenue shortfall: (1) emissions reported to South Coast AQMD have decreased, particularly those with a higher cancer potency risk (and associated higher fee levels), and (2) fewer facilities were subject to TAC fees than were originally projected. The decrease in reported emissions is the largest contributing factor to the revenue shortfall and is likely the result of more accurate reporting and facilities taking advantage of the new ability to report less toxic speciates with lower fees.

Given the low fees charged prior to the 2019 amendments on several TACs with high cancer potency risk, there was considerably less economic incentive to accurately report emissions. With the adoption of the restructured TAC fees, these highly toxic emissions are now charged fees commensurate with their toxicity levels and inaccurate reporting could result in a facility overpaying by tens of thousands of dollars. For example, note the difference in projected and actual revenues for hexavalent chromium (Chemical Abstract Service (CAS) #18540299) emissions shown in Table 2 below. Total emissions for hexavalent chromium fell from 43.2 lbs in 2017 to 18.3 lbs in 2020.

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Table 2: Pollutants with the Largest Difference in Projected vs. Actual 2021 CPW Fee Revenues

CAS	Pollutant	Cancer Potency (CPF*MPF)	Projected 2020 CPW Fee Revenue based on Historical Emissions	Actual 2020 CPW Fee Revenue	Difference in Revenue
1151	PAHs, without individual isomers reported	90.2	\$1,573,736	\$321,619	-\$1,252,117
18540299	Chromium, hexavalent	814.4	\$352,469	\$149,045	-\$203,424
1080	PCDF without individual isomers reported	2364361.9	\$200,385	\$3,296	-\$197,089
40321764	1-3,7,8PeCDD	3343477.9	\$126,826	\$5,286	-\$121,540
1746016	2,3,7,8-TCDD	3343477.9	\$120,590	\$1,906	-\$118,683
1332214	Asbestos	220.0	\$36,764	\$14,617	-\$22,147
57653857	1-3,6-8HxCDD	334347.8	\$12,349	\$276	-\$12,073
51207319	2,3,7,8-TCDF	236436.2	\$10,750	\$428	-\$10,322

As noted above, the 2019 amendment also increased the number of reportable speciates of PAHs, POMs, and PCDF. The inclusion of these less toxic speciates allows facilities to avoid reporting emissions of these speciates as the more expensive generic pollutant. For example, see the difference in expected vs. actual revenues for PAHs (CAS #1151) and PCDF (CAS #1080) shown in Table 2, above. While a significant portion of the reduction in revenue for these pollutants is likely the result of more accurate reporting, some of the shortfall is also likely due to substitution of less toxic speciates. The loss in revenue from the more toxic generic speciates was only partially offset by the corresponding increase in revenue from the less toxic speciates for which they were substituted.

Finally, the initial revenue projections presented in the 2019 Proposed Amended Regulation III Staff Report conservatively assumed that over 900 facilities would be subject to the new TAC fees in 2021.¹⁰ The actual number of facilities paying TAC fees on CY 2020 emissions was smaller, approximately 600.

Staff estimates that the decrease in expected emissions and the more accurate speciate reporting is responsible for the majority of the shortfall in expected vs. actual revenues, totaling roughly \$1.9 million. The decrease in the number of facilities subject to TAC fees resulted in an additional shortfall of roughly \$0.1 million, including the entirety of the \$28,000 difference in expected vs. actual for the Base Toxics Fee.

¹⁰ See South Coast AQMD, Governing Board Agenda (June 7, 2019), Agenda No. 28, at pgs. 24-30, http://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2019/2019-jun7-028.pdf

South Coast AQMD Costs for Toxics-Related Work at Stationary Sources

TAC fee revenues have increased roughly sixfold since the 2019 amendments, but they still fall short in terms of cost recovery for toxics-related work. In 2019, staff estimated that the total cost of South Coast AQMD work related to emissions of toxic air contaminants from stationary sources was approximately \$19.5 million. This estimate was based on FY 2017-18 budgeted expenditures from each division and Year 1 cost projections by AB 617 work subprogram (AB 617 toxics-related work includes monitoring, enforcement, development of Community Emission Reduction Plans, and rulemaking on stationary sources of toxics emissions). Updating the estimate based on FY 2020-21 actual expenditures, the total cost of South Coast AQMD toxics-related work remains approximately \$19.5 million, including an estimated total of about \$11 million in AB 617 toxics-related work - see Figure 1 below for a breakdown. The work identified in the figure below does not include additional work that South Coast AQMD conducts on toxic air contaminants that are funded by other revenues (e.g., AB 2588 Toxic Hot Spots, mobile source toxics, etc.).

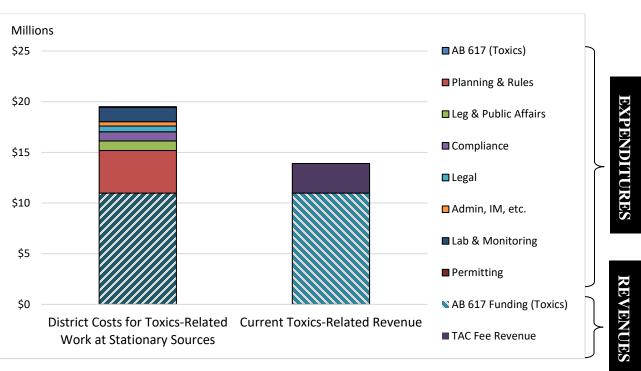


Figure 1: FY 2020-21 South Coast AQMD Effort on Toxics and Current Toxics Emissions
Fees Revenue

In addition to the current toxics-related work conducted by South Coast AQMD, the California Air Resources Board's (CARB) new Criteria and Toxics Reporting (CTR) Regulation has the potential to significantly increase future work associated with the existing Annual Emissions Reporting requirements in Rule 301(e). New CTR requirements will be applicable to any facility with at least one permit and that meets the reporting criteria outlined in Table A-3 of Appendix A

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of the CTR Final Regulation Order.¹¹ Starting in 2023, staff estimates that based on applicable permitted processes and industry classification codes (SIC and NAICS)¹² listed in Table A-3, up to 15,000 additional facilities could potentially be required to report toxic emissions (and be subject to TAC fees). Beginning in 2027, up to 25,000 facilities could potentially be required to report their toxic emissions annually as a result of CTR. Given the current uncertainty regarding the number of facilities reporting emissions, it is difficult to quantify the potential increase in South Coast AQMD costs resulting from CTR implementation and whether any related increase in TAC fee revenues would be sufficient to recover the costs.

Ongoing South Coast AQMD Efforts to Obtain Funding for Toxics-Related Work

Revenue for stationary source toxics work has come from existing emissions fees revenues and one-time sources of funding, including penalties, grants, or allocations from the state legislature. Since AB 617 was signed into law, South Coast AQMD has received state funding totaling \$74,560,000 to cover all work related to AB 617, including work related to toxic air contaminants. The proposed state budget for FY 2022-23 continues to include approximately \$20 million in AB 617 funding to help South Coast AQMD recover both toxics and non-toxics-related work. However, the proposed budget is not yet adopted, and future state funding for AB 617 work beyond FY 2021-22 remains uncertain. Despite the challenge, South Coast AQMD will continue its advocacy efforts for continued state funding.

In addition, staff is considering rule development efforts aimed at recovering costs associated with South Coast AQMD responses to major incident events, including but not limited to, costs of conducting air monitoring, laboratory analyses, modeling and enforcement activities. Major incidents are typically public nuisance events or emergencies such as fires, explosions, toxic spills, or toxic gas releases. Over the past five years, South Coast AQMD has incurred \$1 to \$3 million annually in costs due to major incidence response, with a significant portion of those costs related to TAC emissions. Therefore, the rulemaking efforts could potentially help to recover a portion of currently unfunded toxics-related costs.

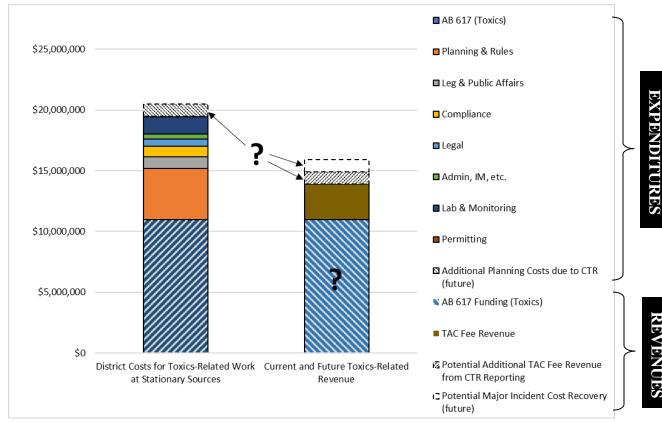
Finally, it is currently difficult to project potential increases in revenue as a result of CTR requirements, given the uncertainty regarding the number of new CTR facilities that will report emissions and the lack of emissions/activity data available for these facilities. Staff estimates there are potentially up to 15,000 "Phase 1" CTR facilities that will be required to report in 2023. If all of the estimated 15,000 "Phase 1" CTR facilities report emissions in excess of any threshold listed in Table IV, the base toxic fee revenue could increase by approximately \$1.2 million, while the potential revenue increase from device and CPW fees cannot yet be estimated due to current lack of facility emissions/activity data. However, it remains to be seen how many of these "Phase 1" facilities will report above-the-threshold emissions in 2023. These "Phase 1" facilities will not be required to report again until 2027 whereas "Phase 2" and "Phase 3" facilities will report in 2025 and 2026, respectively. All CTR facilities, potentially up to 25,000 in total, will begin reporting annually from 2027. Staff expects to have more information and data after the 2023 reporting period in order to better assess the revenue impacts as a result of CTR implementation.

 $^{^{11}\,\}underline{https://ww2.arb.ca.gov/sites/default/files/barcu/regact/2020/ctr/fro.pdf}$

¹² SIC stands for Standard Industrial Classification, and NAICS stands for North American Industry Classification System. Both of which are utilized by South Coast AQMD for industry classification purposes.

Figure 2, below, depicts all potential toxics work related revenues anticipated for the near-term, as well as the expected increase in costs due to CTR reporting requirements.

Figure 2: Anticipated Near-Term South Coast AQMD Effort on Toxics and Current and Potential Future Toxics Emissions Fees Revenue



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(Note: The "?" indicates that the future amount is uncertain.)

IV. RULE 301 FEE REASSESSMENT FOR RULE 1180 COMMUNITY AIR MONITORING ANNUAL OPERATING AND MAINTENANCE FEES

In 2018, Regulation III amendments included language in Rule 301(aa)(4) requiring a triennial fee reassessment of the annual operating and maintenance fees associated with Rule 1180 Community Air Monitoring Systems pursuant to H&SC Sections 42705.6(f)(1) and (f)(2). The reassessment is required to be conducted by the Executive Officer of South Coast AQMD no later than January 1, 2022, and every three years thereafter. The first triennial reassessment was conducted in December 2021, and increased fees were recommended to satisfy the statutory requirements. The proposed fee increase, along with findings of the fee reassessment, are discussed in detail in the next section.

V. PROPOSED RULE AMENDMENTS WITH FEE IMPACTS

In addition to a CPI-based fee rate increase, staff is presenting seven proposals to amend Rule 301 and 306 to include new and increased fees. The first proposal updates fees for Rule 1180

FY 2022-23 14 May 2022 Community Air Monitoring Annual Operating and Maintenance Fees based on the triennial fee reassessment required in Rule 301(aa)(4). The second proposal creates a new equipment category in Rule 301 that would increase clarify the fee applicable to HEPA and ULPA equipped spray booths controlling Rule 1401 Toxics. There are two additional proposals to add new plan types to the list of billable plans in Rule 306, including Rule 1109.1 I-Plans, B-Plans, and B-Caps, and plans required for compliance with Code of Federal Regulations (CFR), Title 40, Part 63, Subpart UUU. There is also a proposal to add Rule 463 floating roof tank seal certifications as a new type subject to Rule 306 plan evaluation fees. In addition, there is a proposed change in the fee charged for permit applications when facilities have allowed their Permit to Construct to expire. The final proposal with fee impacts is to remove the fee exemption for Rule 1466 notification updates in Rule 301(x)(2). These fees, which are discussed in more detail below, are necessary to recover the reasonable costs of South Coast AQMD's regulatory activities.

1. UPDATE RULE 1180 COMMUNITY AIR MONITORING ANNUAL OPERATING AND MAINTENANCE FEES PURSUANT TO HEALTH AND SAFETY CODE SECTIONS 42705.6(f)(1) & (f)(2)

Description of Proposed Amendment:

In 2017, then-Governor Jerry Brown signed AB 1647 into law, adding Section 42705.6 to the California H&SC. In conjunction with fenceline air monitoring requirements for refineries, this section also requires air districts to design, develop, install, operate and maintain refinery-related community air monitoring systems to monitor concentrations of air pollutants emitted into the ambient air by refineries. Section 42705.6 further requires that owners or operators of petroleum refineries be responsible for the costs associated with implementing these provisions.

South Coast AQMD Rule 1180 - Refinery Fenceline and Community Air Monitoring, was adopted by the Governing Board in December 2017 and includes cost recovery provisions for refinery-related community air monitoring systems. Specifically, Rule 1180(j)(1) requires an initial installation fee and paragraph (j)(4) requires that affected refineries pay annual Operation and Maintenance (O&M) fees pursuant to Rule 301. South Coast AQMD Rule 301 specifies annual O&M fees, which are based on the estimated costs associated with each refinery and limited to the amounts necessary for compliance with H&SC Section 42705.6. These O&M costs are incurred by South Coast AQMD to annually operate and maintain a community air monitoring system that provides adequate air monitoring coverage for each refinery. Adequate air monitoring requires consideration of various factors including size, location, relevant pollutants, and meteorological conditions. Beginning in CY 2020, the adopted O&M fee was billed to the refineries with the annual operating and permit renewal fee required by Rule 301(d).

Rule 301(aa)(4) additionally states that, no later than January 1, 2022, and every three years thereafter, the Executive Officer of South Coast AQMD must reassess the annual O&M fees to ensure that the fee is consistent with the requirements of H&SC Sections 42705.6(f)(1) and (f)(2). Specifically, paragraph (f)(1) states that, with some exceptions, "the owner or operator of a petroleum refinery shall be responsible for the costs associated with implementing this section." Paragraph (f)(2) states that "[t]o the extent a refinery-related community air monitoring system is intentionally utilized by a district to monitor emissions from sources under its jurisdiction other

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than a petroleum refinery, the district shall ensure the costs of the system are shared in a reasonably equitable manner."

As required by South Coast AQMD Rule 301(aa)(4), the current annual O&M fees were reassessed in December 2021 for Rule 1180 Community Air Monitoring Network. It was determined that current fees will soon become inconsistent with H&SC Sections 42705.6(f)(1) and (f)(2). By FY 2024-25, the program is projected to carry a cumulative shortfall of nearly \$1 million. As a result, increases in Rule 301(aa) fee rates are proposed to be phased in over FYs 2022-23, 2023-24, and 2024-25 to make up for the projected shortfall and to arrive at the level of fee revenue that is necessary to recover the projected program costs from FY 2024-25 onwards. Specifically, this amendment proposes targeted fee increases of 5.3% in FY 2022-23, followed by an additional 2.2% increase in FY 2023-24 and another 2.1% increase in FY 2024-25.

Proposed Amended Rule(s):

- Rule 301(aa) Refinery Related Community Air Monitoring System Annual Operating and Maintenance Fees
 - (1) The owner or operator of a petroleum refinery subject to Rule 1180 shall pay an annual operating and maintenance fee for a refinery-related community air monitoring system designed, developed, installed, operated, and maintained by SCAQMD in accordance with California Health and Safety Code Section 42705.6.
 - (2) The annual operating and maintenance fee per facility required by paragraph (aa)(1) shall be as follows

Eggility Nama* and	FY 22-23	FY 23-24	FY 24-25 (and thereafter)
Facility Name* and Location	Annual Operating and Maintenance Fee	Annual Operating and Maintenance Fee	Annual Operating and Maintenance Fee
Andeavor Corporation (Carson)	\$917,253.56 \$871,086.00	<u>\$936,417.46</u>	<u>\$954,710.26</u>
Andeavor Corporation (Wilmington)	\$458,626.78 \$435,543.00	\$468,208.73	<u>\$477,355.13</u>
Chevron U.S.A, Inc. (El Segundo)	\$917,253.56 \$871,086.00	<u>\$936,417.46</u>	<u>\$954,710.26</u>

Phillips 66 Company (Carson)	\$458,626.78 \$435,543.00	<u>\$468,208.73</u>	<u>\$477,355.13</u>
Phillips 66 Company (Wilmington)	\$458,626.78 \$435,543.00	<u>\$468,208.73</u>	<u>\$477,355.13</u>
PBF Energy, Torrance Refining Company (Torrance)	\$917,253.56 \$871,086.00	<u>\$936,417.46</u>	<u>\$954,710.26</u>
Valero Energy (Wilmington)	\$458,626.78 \$435,543.00	<u>\$468,208.73</u>	<u>\$477,355.13</u>

^{*}Based on the current facility names. Any subsequent owner(s) or operator(s) of the above listed facilities shall be subject to this rule.

Justification/Necessity/Equity:

Under South Coast AQMD Executive Officer's direction, staff conducted a financial analysis of expenditures for the Rule 1180 program incurred from January 2020 to date. Based on this analysis, it is anticipated that, by the end of FY 2021-22, or, June 30, 2022, the Rule 1180 program will have a cumulative surplus of \$893,479 from Rule 1180 fee revenue (see Table 3 below). However, this surplus largely reflects the time needed to ramp up program staffing and operations. By the end of FY 2021-22, the Rule 1180 monitoring group is expected to be fully staffed and, as a result, no savings or surplus funds are expected in the following years.

Table 3: Rule 1180 Fee Revenue vs. Program Costs (January 2020 – June 2022)

	January 2020 to October 2021 (Actuals – 22 months)	November 2021 - June 2022 (Estimate- 8 months)	Total FY 2018- 19 through FY 2021-22 (30 months)
Fee Revenue	\$8,710,860	\$ -	\$8,710,860
Expenditures			
Salary & Employee Benefits	\$3,805,110	\$1,488,755	\$5,293,865
Services, Supplies & Capital Outlay	\$1,499,706	\$1,023,810	\$2,523,516
Total Expense	\$5,304,816	\$2,512,565	\$7,817,381
Cumulative Surplus/(Deficit)			\$893,479
Carryover			\$893,479

Based on projected needs for the next three-year cycle, Table 4, below, includes a summary of the budgetary analysis showing a projected shortfall of \$1.87 million over the next three fiscal years. Even after considering the spending down of the \$893,479 surplus from the previous fee revenue that was collected, a net shortfall totaling \$977,605 at minimum is still anticipated. Therefore, current Rule 1180 fees are concluded to soon become inconsistent with H&SC Section 42705.6 (f)(1) for FYs 2022-23, 2023-24 and 2024-25, and a fee increase is therefore necessary. In addition, since the monitors are not being intentionally used to measure emissions from sources other than refineries, no cost apportioning under H&SC Section (f)(2) is required.

As shown in Table 4, in addition to recovering program staff's salary and benefits and ongoing expenditures associated with running the ten (10) air monitoring stations that are part of the Rule 1180 community air monitoring network, the increased fees are necessary to help recover costs of replacement parts for nearly 80 continuous air monitoring instruments, replacement of monitoring equipment and, overall, to address increasing O&M costs due to heightened inflation (see Appendix B for detailed cost estimate for FYs 2022-23, 2023-24 and 2024-25). These increased fees are proposed to be phased-in over multiple years, starting with a fee increase of 5.3% in FY 2022-23, followed by an additional 2.2% increase in FY 2023-24 and another 2.1% increase in FY 2024-25. Table 5 below shows the impacts on projected revenue would amount to approximately \$4.77 million a year, coinciding with the Rule 1180 program expenditures projected for FY 2024-25. Table 5 below shows the impacts on projected revenue and program budget balance in FY 2022-23, FY 2023-24, and FY 2024-25 based on the proposed fee increases.

It should be additionally noted that, due to the date of its adoption and the impacts of Proposition 26, Rule 1180 O&M fees are not subject to Rule 320 annual CPI-based fee adjustments to reflect cost of inflation. Compared to the 6.5% increase in California CPI, the proposed changes in fees would amount to an average of 7.5% increase from the current fees over the next three fiscal years. Moreover, a lower-than-CPI-increase rate of 5.3% is proposed for the first-year phase-in in FY 2022-23, taking into account the projected surplus for the current fiscal year as described above.

Pursuant to Rule 301(aa)(4), the next triennial fee reassessment will take place no later than January 1, 2025. By then, pursuant to Rule 1180, an additional reassessment is required to evaluate whether the current refinery-related community air monitoring network provides adequate coverage and/or whether there may be a need for equipment upgrades beyond replacement of equipment parts. *See* South Coast AQMD Rule 1180(j)(6). This additional reassessment will help inform the next fee reassessment to ensure continued compliance with H&SC Section 42705.6 (f)(1) beyond the next three fiscal years.

¹³ The 2.2% and 2.1% increases are in comparison to the current fee rates. The phase-in schedule is consistent with H&SC Section 40510.5 requirements.

	Projected FY 2022-2023	Projected FY 2023- 2024	Projected FY 2024-2025	Projected FY 2022-23 - FY 2024-25 Totals
Beginning Carryover	\$893,479	\$32,422	(\$558,865)	
Fee Revenue	\$4,355,430	\$4,355,430	\$4,355,430	\$13,066,290
Expenditures				
Salary & Employee Benefits	\$2,677,187	\$2,677,187	\$2,677,187	\$8,031,561
Services, Supplies & Capital Outlay	\$2,539,300	\$2,269,530	\$2,096,983	\$6,905,813
Total Expense	\$5,216,487	\$4,946,717	\$4,774,170	\$14,937,374
Surplus/(Deficit)	(\$861,057)	(\$591,287)	(\$418,740)	(\$1,871,084)
Ending Carryover	\$32,422	(\$558,865)	(\$977,605)	•

^{*}Note: Further details are provided in Appendix B.)

Table 5: Projected FYs 2022-23, 2023-24, and 2024-25 Expenditures and Revenues with Proposed Fee Increase (rounded to '000s)

	FY 2022-23	FY 2023-24	FY 2024-25
Ending Carryover at Current Fee Rate	\$32,000	(\$559,000)	(\$978,000)
Phase-in Fee Increase (%)	5.3%	2.2%	2.1%
Revenues with Proposed Fee Increase	\$4,586,000	\$4,682,000	\$4,774,000
Projected Expenditures	\$5,216,000	\$4,947,000	\$4,774,000
Surplus/(Deficit)	(\$630,000)	(\$265,000)	(<\$1,000)
Ending Carryover with Proposed Fee Increase	\$263,000	(\$1,000)	(\$2,000)
Hierease	φ203,000	(\$1,000)	
Cumulative Cost-Recovery			99.8%

^{*}These projected expenditures for Rule 1180 program have not been incorporated into the draft FY2022-23 Budget.

2. <u>ADD A NEW CONTROL EQUIPMENT CATEGORY FOR HEPA AND ULPA EQUIPPED SPRAY BOOTHS CONTROLLING RULE 1401 TOXICS</u>

Description of Proposed Amendment:

Spray booths equipped with High Efficiency Particulate Arrestors (HEPA) or Ultra Low Particulate Arrestors (ULPA) are currently billed at a Schedule B rate because they are generically categorized as a "Spray Booth/Enclosure, Other" in Rule 301, Table IA - PERMIT FEE RATE SCHEDULES FOR CONTROL EQUIPMENT. Staff is proposing to add a new category to Table IA in order to separate HEPA or ULPA equipped spray booths due to the level of effort required to process these permits, which are used to control Toxic Air Contaminants. This new category will be billed at a Schedule C rate. The creation of this new category will result in a fee increase from \$2,945.75 for non-Title V facilities and \$3,691.30 for Title V facilities (the Schedule B rate) to \$4,659.33 for non-Title V facilities and \$5,838.57 for Title V facilities (the Schedule C rate). This new category, and higher fee, is necessary to adequately recover costs incurred by South Coast AQMD.

Proposed Amended Rule(s):

Rule 301 TABLE IA - PERMIT FEE RATE SCHEDULES FOR CONTROL EQUIPMENT

Spray Booth/Enclosure, Other	В
Spray Booth/Enclosure, Powder Coating System with single or multiple APC for particulates	В
Spray Booth, HEPA/ULPA Controlling Rule 1401 Toxic Air Contaminants	<u>C</u>
Spray Booth, Metallizing	С
Spray Booth with Carbon Adsorber (non-regenerative)	С
Spray Booths (multiple) with Carbon Adsorber (non-regenerative)	D
Spray Booth(s) with Carbon Adsorber (regenerative)	Е
Spray Booth(s) (1 to 5) with Afterburner/Oxidizer (Regenerative/Recuperative)	D
Spray Booths (>5) with Afterburner/Oxidizer (Regenerative/Recuperative)	Е
Spray Booth, Automotive, with Multiple VOC Control Equipment	С
Spray Booth with Multiple VOC Control	D
Spray Booths (multiple) with Multiple VOC Control Equipment	Е

Justification/Necessity/Equity:

Rule 1401 requires additional analysis on all applications for new, relocated or modified permit units emitting air toxics to demonstrate compliance with the rule and to quantify the risk from the equipment. In a regular spray booth that falls under fee Schedule B, toxic emissions are mostly in vapor phase and not controlled by the spray booth filters such as HEPA or ULPA. Therefore, emission calculations, health risk assessments, and permit conditions associated with these applications are often more straightforward and the engineering time required for their permit

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¹⁴This amendment is a clarification of the proper fee rate to be applied to HEPA/ULPA Controlled Spray Booths; however, staff has conservatively labeled this amendment as a fee increase given the applicability of a higher fee rate.

processing is in line with fee Schedule B. However, in the case of coatings that include toxic metals, the spray booth filters are necessary in controlling the toxic metal particulate matter emissions. These toxic metals, especially hexavalent chromium, have very high cancer potencies and slight increases in their emissions as low as milligrams could result in health risks exceeding Rule 1401 thresholds. Therefore, an applicant's requested usage of chromium-containing coatings in spray booths frequently does not comply with Rule 1401. This requires the use of control equipment (HEPA/ULPA filters) and the creation of specialized permit conditions to ensure that operation is in compliance with Rule 1401. Consequently, emission calculations are more complicated and require careful consideration of the coating chemistry, transfer efficiency, and filter control efficiency. As a result, the processing of these applications requires more engineering time than those not requiring HEPA/ULPA filters for carcinogenic particulate matter control.

Rule 301 specifies the fees for each Fee Schedule and the hourly rate for Time & Material (T&M) for evaluation of permit applications. There are two different hourly rates, one for non-Title V facilities and a separate rate for Title V facilities. Fee categories for spray booths currently include higher fee schedules for spray booths with VOC control equipment (Schedule C, D or E, depending on the type and number of controls). In addition, separately permitted PM control equipment with HEPA/ULPA filters (dust collectors, mist eliminators) are also assigned a higher fee Schedule (Schedule C), and the level of effort required to process permits is equivalent to the proposed new category. Staff has estimated that a standard spray booth (Schedule B) requires 16-20 hours of Engineer II processing time, while a spray booth with HEPA/ULPA filters requires 25-30 hours of Engineer II processing time.

These fees allow for the South Coast AQMD to recover costs from the additional engineering time required for permit processing of spray booths with HEPA/ULPA filters, it is proposed that a new fee category be created with fee Schedule C, which is consistent with the time required for these applications. The proposed appropriate fee for the new category of control equipment does not exceed the estimated cost of processing permit applications and is apportioned equitably based on the burden imposed by each application.

3. ADD RULE 1109.1 I-PLAN, B-PLAN, AND B-CAP AS TYPES OF PLANS SUBJECT TO RULE 306 PLAN ANNUAL RENEWAL FEES

Description of Proposed Amendment:

The purpose of this proposal is to include plans submitted in compliance with newly adopted Rule 1109.1- Emissions of Oxides of Nitrogen from Petroleum Refineries and Related Operations (November 2021) in the list of plans subject to annual renewal fees. The purpose of Rule 1109.1 this rule is to reduce NOx emissions, while not simultaneously increasing carbon monoxide emissions, from units at petroleum refineries and at facilities with related operations. This rule can require several different types of compliance plans, including: (1) Implementation Compliance Plans (I-Plan), which are alternative implementation plans for owners or operators of facilities with six or more units subject to Rule 1109.1 that include an implementation schedule and emission reduction targets; (2) BARCT Equivalent Compliance Plans (B-Plan), which is a compliance plan that allows an owner or operator of a facility to select alternative BARCT NOx limits for all units subject to the B-Plan that will achieve emission reductions that are greater in

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the aggregate than the mass emission reductions that would be achieved based on the NOx concentration limits in Tables 1 and 2 of Rule 1109.1; and, (3) BARCT Equivalent Mass Cap Plans (B-Cap), which are compliance plans that establish a facility mass emissions cap for all units subject to the B-Cap that, in the aggregate, are less than the final phase facility BARCT emission target. These plans require the inclusion of ongoing compliance methods and schedules that, upon any change, would also require approval through revision/resubmittal. Inspection and permitting staff are obligated to verify ongoing compliance with these plans.

Rule 1109.1(i)(10) identifies fee requirements for plans subject to Rule 306:

(10) Plan Fees

The review and approval of an I-Plan, B-Plan, and B-Cap, or review and approval of a modification of an approved I-Plan, an approved B-Plan, and an approved B-Cap shall be subject to applicable plan fees pursuant to Rule 306 – Plan Fee.

The rule references the fact that plan applications are required to be submitted for initial plan review as well as review of any modifications to the plans. Plans for which modifications are not needed but that may have ongoing requirements to review and ensure compliance, and are listed in Section I of a Title V facility permit, are typically categorized as annually billable compliance plans.

Proposed Amended Rule(s):

Rule 306(h) Annual Review/Renewal Fee

An annual review/renewal fee shall be charged for plans listed in the following table in this subdivision. The annual review/renewal fee shall be an amount equal to the Rule 301(d)(2) Schedule A fee. In addition, annual reviews/renewals shall meet all relevant and applicable requirements of Rule 301(d) and 301(g), and be paid on an annual renewal date set by the Executive Officer.

Annual Review/Renewal Plan Fee by Rule Number

Rule/Reference	Plan Type
410	Odor Monitoring
431.1	Sulfur Content of Gaseous Fuels
462	Organic Liquid Loading Continuous Monitoring System (CMS) Plan
463(e)(1)(A)	Organic Liquid Storage - Self-Inspection of Floating Roof Tanks
1105.1	Reduction of PM10 and Ammonia Emissions from Fluid Catalytic Cracking Units
<u>1109.1</u>	Emissions of Oxides of Nitrogen from Petroleum Refineries and Related Operations

Rule/Reference	Plan Type				
	• Control of Emissions from Refinery Flares - Flare Minimization Plan				
1118	• Control of Emissions from Refinery Flares – Flare Monitoring and Recording Plan				
1123	Refinery Process Turnarounds				
1132	Further Control of VOC Emissions from High-Emitting Spray Booth Facilities				

Justification/Necessity/Equity:

In June 2006, an annual renewal fee was established for compliance plans. At that time, 19 compliance plan types were identified as requiring annual renewal. Annual renewal was required for plans that include conditions for which continuing compliance is required to be demonstrated. Inspection staff must audit records that are designed to demonstrate compliance with these approved plans. Staff estimated in 2006 that total resources required to review compliance with each plan was comparable to the annual renewal fee under Schedule A.

Pursuant to Rule 221, a plan shall have all the rights delineated in Regulation II for permits, including the right of appeal. As such, the approved plans are treated as permits. For this reason, Rule 306 was amended in 2006 to recover South Coast AQMD staff time spent conducting compliance inspections by charging an annual renewal fee for plans listed in the rule.

The purpose of this proposal is to include plans associated with Rule 1109.1 in the list of plans that are annually renewable and for which payment of annual renewal fees is required. These plans will be managed similarly to those already listed in Rule 306(h) and their inclusion in Rule 306 (h) will allow cost recovery of South Coast AQMD staff time spent conducting compliance investigations.

Rule 1109.1 is a new rule that affects a limited number of facilities. It can require the submission of up to three different types of compliance plans. This fee adjustment is necessary and equitable to recover the actual cost to South Coast AQMD staff incurred in administering compliance plans.

Based on typical and reasonable compliance staff time spent conducting Blue Skies audits, reviewing quarterly reports, responding to notifications, investigating self-reported deviations, and responding to complaints (for the equipment subject to each plan type), at least five hours per plan is anticipated to be spent each year verifying compliance with Rule 1109.1 plan types. This is comparable to the Schedule A annual renewal fee proposed, which is the same for existing annually billable compliance plans.

Some of the plans included in this proposal are not required. Rather, they are alternative plans designed to provide regulatory flexibility. To the extent a facility voluntarily chooses one of these alternatives, this proposal allows for the South Coast AQMD to recover costs from the additional engineering time required to verify ongoing compliance with these plans after their approval.

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4. <u>ADD RULE 463 FLOATING ROOF TANK SEAL CERTIFICATION AS A TYPE OF PLAN SUBJECT TO RULE 306 PLAN EVALUATION FEES</u>

Description of Proposed Amendment:

The purpose of this proposal is to add the floating roof tank seal certification as a type of plan that is subject to Rule 306 plan fees by listing it in Rule 306(b). Per Rules 463(c)(1), 463(c)(2)(B), and 1178(d)(1)(B)(xi), floating roof tank seals should be approved by the Executive Officer of South Coast AQMD in order to be installed or used in external and internal floating roof tanks. Certification of floating roof tank seal designs requires a detailed engineering evaluation to process and categorize the seals as described in Rule 463(b)(10).

Proposed Amended Rule(s):

Rule 306(b) Definition

For the purpose of this rule, a plan is any data and/or test report (including equipment certification source tests) required by federal or state law, or District Rules and Regulations to be submitted to the District. A plan may be a description of a method to control or measure emissions of air contaminants required by the Rules and Regulations. Plans include, but are not limited to, the following: Demonstration Plan; Application Test Plan; Implementation Plan; Compliance Plan; Management Plan; Control Plan; CEQA

Mitigation Monitoring Plan; Acid Rain Repowering Extension Plan and Compliance Plan; Acid Rain Continuous Emission Monitoring System Plan; Acid Rain Protocol/Report Evaluation; VOC Excavation Mitigation Plans (Site Specific and Various Locations); Reduction of Refrigerant Emissions from Stationary Refrigeration and Air Conditioning Systems Plan; Title V Exclusion Requests; Smoke Management Plans; Burn Management Plans; Emergency Burn Plans; Post Burn Evaluation Reports; Rule 109 Alternative Recordkeeping System Plan; Solid Waste Air Quality Assessment Test Reports (Health and Safety Code Section 41805.5); Compliance Assurance Monitoring Plan (40 CFR 64); Maximum Achievable Control Technology MACT Exemption Requests; Equipment Certification Source Test Reports;—and MACT Case-by-Case Analysis; and Rule 463 Floating Roof Tank Seal Certifications.

Justification/Necessity/Equity:

South Coast AQMD rules require certification of floating roof tank seals as described in the rule references below:

- Rule 463(c)(1): A seal which is not identified on the current list of seals approved by the Executive Officer shall not be installed or used unless the Executive Officer determines that such seal meets the applicable criteria of subparagraphs (c)(1)(A) through (c)(1)(C).
- Rule 463(c)(2)(b): Seal designs not identified on the current list of seals approved by the Executive Officer shall not be installed or used unless the Executive Officer has given his prior written approval to its installation or use.

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• Rule 1178(d)(1)(B)(xi): The operator shall use a rim seal system that is identified on the current list of seals approved by the Executive Officer. The operator requesting use of an alternative rim seal system shall submit a written application including emission test results and analysis demonstrating that the alternative rim seal system is better in performance and has a rim seal loss emissions factor that is less than or equal to the design.

Rule 463 includes essentially all floating roof tank seal related requirements stated in Rule 1178. However, the seal categorization and criteria for approval are only outlined in Rule 463, and not Rule 1178, so categorization is solely based on Rule 463 definitions. The current purpose of a tank seal engineering evaluation is to not only confirm its compliance with seal requirements from Rule 463 and 1178, which are essentially the same, but also to categorize the seal.

Floating roof tank seal certifications were previously evaluated on an ad-hoc basis with no cost recovery and a recent influx of requests for seal approvals has necessitated this amendment.

The proposed amendment would require manufacturers to submit a plan application for the evaluation of the tank seal, allowing South Coast AQMD to recover the costs associated with reviewing tank seal certification requests. Based on recent history, staff expects 1-2 plan applications per year.

The evaluation of certification requests requires a significant amount of engineering staff time and involves a detailed analysis of the tank seal design and drawings. Seal certification requests typically require a total of 40 hours of engineering time on average. The proposed amendment would allow the costs of engineering evaluation time to be recovered, based on the actual and reasonable time spent.

The assessment of plan fees for evaluation of floating roof tank seals will allow cost recovery of the evaluation time for this certification review. The fees associated with compliance plans include a filing fee, an initial evaluation fee, and payment of time and materials based on the actual and reasonable time spent.

The plan fees have previously been established with an hourly rate based on a combination of engineer, supervisor, manager, and administrative support hourly rates. The actual time to complete a plan evaluation may exceed the initial evaluation fee due to seal complexity and the number of drawings, specifications and/or test reports that must be reviewed to verify compliance with applicable requirements. It is equitable that certification reviews that require more evaluation time should pay additional fees based on the actual and reasonable time spent.

South Coast AQMD rules require that seals be certified prior to their use in permitted equipment. The proposed amendment to include Rule 463 Floating Roof Tank Seal Certifications to Rule 306(b) provides a mechanism for South Coast AQMD to recover the costs associated with these certification evaluations.

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5. ADD OPERATION, MAINTENANCE, AND MONITORING PLANS REQUIRED BY NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR PETROLEUM REFINERIES: CATALYTIC CRACKING UNITS, CATALYTIC REFORMING UNITS, AND SULFUR RECOVERY UNITS AS A TYPE OF PLAN SUBJECT TO RULE 306 PLAN ANNUAL RENEWAL FEES

Description of Proposed Amendment:

This proposal seeks to include the plans required for compliance with 40 CFR 63 Subpart UUU -National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units, as annually billable plans under Rule 306. This subpart specifically establishes national emission standards for hazardous air pollutants emitted from petroleum refineries and establishes requirements to demonstrate initial and continuous compliance with the emissions limitations and work practice standards. See 40 CFR, 63 Subpart UUU, § 63.1560. In connection with this subpart, facilities are required to prepare operation, maintenance and monitoring plans, see § 63.1574(f), for catalytic cracking units, catalytic reforming units, and/or sulfur recovery units that are subject to this regulation. These plans, which require submittal and demonstration of initial compliance to a facility's permitting authority, were inadvertently omitted from the original list of Rule 306 billable plans that are subject to annual review/renewal. However, these plans have always required the inclusion of ongoing compliance methods and procedures that, upon any change, would also require approval through revision/resubmittal. Inspection staff are obligated to verify ongoing compliance with these plans. The proposed amendment would allow South Coast AQMD to recover staff time spent conducting compliance inspections.

Proposed Amended Rule(s):

Rule 306(h) Annual Review/Renewal Fee

An annual review/renewal fee shall be charged for plans listed in the following table in this subdivision. The annual review/renewal fee shall be an amount equal to the Rule 301(d)(2) Schedule A fee. In addition, annual reviews/renewals shall meet all relevant and applicable requirements of Rule 301(d) and 301(g), and be paid on an annual renewal date set by the Executive Officer.

Annual Review/Renewal Plan Fee by Rule Number

Rule/Reference	Plan Type
410	Odor Monitoring
431.1	Sulfur Content of Gaseous Fuels
1470	Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines

Rule/Reference	Plan Type
40 CFR 63 Subpart UUU	Operation, Maintenance, and Monitoring Plans required by National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units
40 CFR 64.7	Compliance Assurance Monitoring Plan

Justification/Necessity/Equity:

In June 2006, an annual renewal fee was established for compliance plans. At that time, 19 compliance plan types were identified as requiring annual renewal. Annual renewal was required for plans that include conditions for which continuing compliance is required to be demonstrated. Inspection staff must audit records that are designed to demonstrate compliance with these approved plans. Staff estimated in 2006 that total resources required to review compliance with each plan was comparable to the annual renewal fee under Schedule A.

Pursuant to Rule 221, a plan shall have all the rights delineated in Regulation II for permits, including the right of appeal. As such, the approved plans are treated as permits. For this reason, Rule 306 was amended in 2006 to recover South Coast AQMD staff time spent conducting compliance inspections by charging an annual renewal fee for plans listed in the rule.

The purpose of this proposal is to include in the list of renewable plans additional plans that, although not currently listed, are managed similarly to those already listed in Rule 306 and will allow cost recovery of South Coast AQMD staff time spent conducting compliance investigations.

Specifically, and as noted above, 40 CFR 63 Subpart UUU requires facilities to prepare an operation, maintenance and monitoring plan for catalytic cracking units, catalytic reforming units and/or sulfur recovery units that are subject to this regulation. Section 63.1574(f)(1) requires that these plans be submitted for review and approval, and that any changes to the plan also be submitted for review and approval. The purpose of these plans is to detail the operation, maintenance, and monitoring procedures the facility will follow.

This fee adjustment is necessary and equitable to recover the actual cost to South Coast AQMD staff incurred in administering compliance plans, as described in the 2006 staff report.

Based on typical and reasonable compliance staff time spent conducting Blue Skies audits, reviewing quarterly reports, responding to notifications, investigating self-reported deviations, and responding to complaints (for the equipment subject to each plan type), at least five hours per plan is anticipated to be spent each year verifying compliance with 40 CFR 63 Subpart UUU. This is comparable to the Schedule A annual renewal fee proposed, which is the same for existing annually billable compliance plans.

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6. UPDATE APPLICABLE PERMIT FEES FOR A SUBSEQUENT APPLICATION IN THE EVENT A PERMIT TO CONSTRUCT HAS EXPIRED UNDER THE PROVISIONS OF RULE 205

Description of Proposed Amendment:

Rule 301 (c)(1)(A)(iv) provides that where a Permit to Construct expires under the provision of Rule 205, and the applicable rules, regulations and BACT for that piece of equipment have not been amended since the original evaluation was performed, the permit processing fee for a subsequent application for a similar piece of equipment shall be the fee established in the Summary Permit Fee Rates – Change of Owner/Operator table according to the applicable schedule under the Change of Owner/Operator category, provided the subsequent application is submitted within one year from the date of expiration of either the Permit to Construct, or an approved extension for the Permit to Construct. Staff is proposing to update the applicable fee for these situations to the existing administrative change fees described in Rule 301(c)(3)(C) to allow for complete cost recovery. Instead of charging the Change of Owner/Operator fee, the proposed amendment to Rule 301 (c)(1)(A)(iv) would charge the fee already established for an administrative change according to Rule 301 (c)(3)(C). The proposal would largely maintain the original intent of this clause by continuing to charge lower-than-regular fees for a new Permit to Construct. At the same time, it would also more accurately reflect the nature of the application, which requires an administrative review by staff to verify that Best Available Control Technology (BACT) and any applicable rules have not changed (if changes are identified, a full engineering evaluation and a new construction application would be needed). The update to the existing administrative change fees, which consist of multiple fee schedules, would further allow for full cost-recovery in the event the required administrative review is more complex. 15

Proposed Amended Rule(s):

Rule 301(c)(1)(A) Permit Processing Fee Applicability

Except as otherwise provided in this rule, every applicant who files an application for a Permit to Construct, Permit to Operate, Facility Permit, court judgments in favor of the District and administrative civil penalties or a revision to a Facility Permit, shall, at the time of filing, pay all delinquent fees associated with the facility and shall pay a permit processing fee.

(i) Except as otherwise provided in this paragraph, the permit processing fee shall be determined in accordance with the schedules (set forth in Table FEE RATE-A) at the time the application is deemed complete.

¹⁵ This amendment is a clarification of the applicable fee rate by equipment type; however, staff has conservatively included it among the proposed amendments with fee impacts given the applicability of a higher fee rate for Schedule B and higher equipment.

- (ii) A person applying for permits for relocation of equipment shall pay fees in accordance with the schedules set forth in Table FEE RATE-A at the time the application is deemed complete. All fees due, within the past 3 years, from the previous facility for equipment for which a Change of Location application is filed, and all facilityspecific fees (such as "Hot Spots" fees), must be paid before the Change of Location application is accepted.
- (iii) A person applying for permits for any equipment/process not otherwise listed in Table IA or Table IB shall pay the fees associated with Schedule C. Prior to the issuance of a permit, these fees are subject to adjustment, as necessary.
- (iv) In the event a Permit to Construct expires under the provisions of Rule 205, and the applicable rules, regulations, and BACT for that particular piece of equipment have not been amended since the original evaluation was performed, the permit processing fee for a subsequent application for a similar equipment shall be the fee established for an administrative change according to (c)(3)(C) in the Summary Permit Fee Rates—Change of Owner/Operator table according to the applicable schedule under the Change of Owner/Operator category, provided the subsequent application is submitted within one (1) year from the date of expiration of either the Permit to Construct, or an approved extension of the Permit to Construct. This clause shall not apply if a request for an extension for a Permit to Construct has been denied.

Justification/Necessity/Equity:

Rule 205 specifies that "A Permit to Construct shall expire one year from the date of issuance unless an extension of time has been approved in writing by the Executive Officer." Extensions of Permits to Construct are considered upon request. Permits generally expire either because the facility did not request an extension or because they offered unacceptable reasons for extending their Permit to Construct. Unacceptable reasons include changes in economic prospects for the project, change in plans to install different equipment or to install the equipment at a later time. Delays as a result of inaction of the applicant are also not acceptable, including when a project is put on hold due to economic considerations within the applicant's control.

Under specific circumstances, Rule 301 (c)(1)(A)(iv) currently allows a facility with an expired Permit to Construct to subsequently apply for a new Permit to Construct by paying only the Change of Owner/Operator fee. The original intent of this clause was to provide a low-cost option for a facility intending to construct equipment for which an engineering evaluation has already been completed. Historically, this clause has been invoked infrequently. Moreover, with the enhanced transparency of South Coast AQMD processing progress via the pending permit application dashboard, facilities should reasonably be able to plan for construction periods that would

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commence soon after South Coast AQMD issuance of a Permit to Construct, thereby making this clause less vital.

Specifically, the proposed amendment would modify an option that allows a discounted application fee for facilities that either allowed their permits to construct to lapse without requesting an extension or who were unable to provide an acceptable reason for South Coast AQMD to approve a construction extension. The modification will allow the use of the standard application type (administrative change) that is reasonable and more accurately reflect the nature of this type of application (a change of owner/operator application is not allowed for applications at the same facility). The currently applicable change of owner/operator fee is the same as the administrative change for fee schedule A/A1 applications, but is slightly higher for other fee schedules. Administrative fees are currently \$737.03 for Schedule A/A1, and \$1,006.52 for Schedule B and higher (\$923.56 and \$1,261.26, respectively, for Title V). Verification of BACT and rule changes are more complex for more complex/higher fee schedule applications, and the increased fee for higher fee schedules will allow cost recovery, consistent with the other administrative application fees currently allowed. In comparison, the Change of Owner/Operator fee in the current rule language is a flat-rate fee and does not take into account equipment complexity or regulatory complexity.

7. <u>REMOVE FEE EXEMPTION FOR NOTIFICATIONS PURSUANT TO RULE 1466(f)(2)</u>

Description of Proposed Amendment:

Staff is proposing to amend Rule 301(x)(2) to require fees for Rule 1466 notification updates submitted pursuant to Rule 1466(f)(2). Rule 1466 requires notification updates for any of the following events or conditions: earlier or later start dates, change in exemption status, and upon the date of completion. As currently written, Rule 301(x)(2) exempts Rule 1466 notification updates from paying the Rule 1466 notification fees listed in Rule 301(x)(1). Removal of this exemption will allow South Coast AQMD to recover costs associated with processing Rule 1466 notification updates.

Proposed Amended Rule(s):

Rule 301(x) Notification Fees for Rules 1118.1, 1149, 1166, and 1466

- (1) Any person who is required by the District to submit a written notice pursuant to Rules 1118.1, 1149, 1166, 1466, or for soil vapor extraction projects shall pay a notification fee of \$68.0772.49 per notification.
- (2) Notifications pursuant to Rule 1466 paragraph (f)(2) shall be exempt from this subdivision.

Justification/Necessity/Equity:

Staff is seeking cost recovery for administrative processing of Rule 1466 submittals. There is no administrative or procedural difference in the review and approval of Rule 1466 notification updates compared to Rule 1466 initial notifications. Staff has determined that it takes the same amount of time to process each type of notification which includes data entry, record filing,

response to notifier, fee collection, and fee processing. Originally, the FY 2021-22 fee of \$68.07 was calculated based on the amount of time that staff requires to process initial notifications into the CLASS database, OnBase records retrieval system, and fee collection process.

In CY 2021, there was a total of 1,087 Rule 1466 notifications received and processed (see Table 5). In total, 415 Rule 1466 notification updates or exceedance notifications were received, amounting to approximately 38% of all notifications received. These notification updates are not subject to a fee pursuant to Rule 301(x)(2) but were required to be approved and processed without any cost recovery. If the fee exemption had been removed for Rule 1466 notification updates or exceedance notifications, an additional total of \$28,249.05 would have been recovered for all Rule 1466 notifications approved and processed during CY 2021. Therefore, the proposed amendment would remove subsection Rule 301(x)(2) and require payment of fees for Rule 1466 notification updates to align program revenues with program costs.

Table 5: CY 2021 Rule 1466 Notification Data

Notification Type	Rule 1466 Notifications	Notification Type Percentage	Notification Fees Collected (\$68.07 per Notification)
Initial (Notification Fee)	672	62%	\$45,743.04
Updates or Exceedances (No Notification Fee)	415	38%	\$0 (\$28,249.05 would have been collected if exemption had been removed)
Total Notifications	1,087	100%	

VI. PROPOSED RULE AMENDMENTS WITH NO FEE IMPACTS AND/OR ADMINISTRATIVE CHANGES

The proposed rule amendments in this section do not have fee impacts. Rather, the following proposed amendments generally include administrative changes, including clarifications, deletions, re-numbering, and corrections to existing rule language.

In addition to the proposed amendments to specific rule language as discussed below, any additional amendments that represent renumbering of rule sections/tables, amendments that are due solely to any proposed addition and/or deletion of preceding rule sections/tables, are not separately listed below. Finally, where appropriate, all of the amended fee rates shown below reflect the proposed CPI-based fee increase and do not include any additional increase beyond the CPI-based adjustment.

1. TRANSFER TWO FEES FROM RULE 1480 TO RULES 301 AND 306

Description of Proposed Amendment:

Rule 1480 currently specifies the fees for the preparation of Alternative Monitoring and Sampling Plans and monthly Monitoring Fees in Appendix 1. The inclusion of Alternative Monitoring and Sampling Plans and the monthly Monitoring Fees in Rule 1480 was intended to be temporary until Regulation III could be amended to include these fees. This amendment proposes to transfer the monthly Monitoring and Sampling fees found in Rule 1480, Appendix 1, Table 1, to Rule 301(ad) and the Alternative Monitoring and Sampling Plan fees found in Rule 1480, Appendix 1, to Rule 306(s). Upon inclusion into Regulation III, the fees specified in Rule 1480 will be removed. The Alternative Monitoring and Sampling Plan and the monthly Monitoring Fees are not being increased and there are no new fees being introduced as a result of this amendment.

Proposed Amended Rule(s):

Rule 301(ac) Monitoring and Sampling Fees Related to Metal TAC Monitoring Facilities

(1) This fee is applicable to all facilities that elect to have the South Coast AQMD conduct Monitoring and Sampling. The fees include monitoring equipment, material, labor, sample retrieval, sample analysis, construction and other associated fees. An owner or operator shall be responsible for the fees for Monitoring and Sampling from the date specified in the Alternative or Reduced Alternative Monitoring and Sampling Plan. South Coast AQMD typically deploys two field staff members to perform field work due to potential hazards encountered in the field. During the review of an Alternative Monitoring and Sampling or Reduced Alternative Monitoring and Sampling Plan, the Executive Officer will evaluate and determine if it is appropriate to have only one field staff member to conduct Monitoring and Sampling at the Metal TAC Monitoring Facility. A Metal TAC

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Monitoring Facility would be notified of the Executive Officer's decision at the time of approval of the Alternative or Reduced Alternative Monitoring and Sampling Plan. The Executive Officer's decision on the number of field staff members needed will be based on the following factors:

- Height of the monitor
- Use of a ladder
- Sampling schedule
- Access to the facility
- Safety concerns
- The owner or operator of a Metal TAC Monitoring Facility, as defined in Rule 1480 subdivision (c), that elects to have the Executive Officer conduct Monitoring and Sampling pursuant to Rule 1480(g)(1) shall pay the operating and maintenance fees based on the sampling frequency, number of monitors, location of monitors, and type of monitors as specified in the most recently approved Alternative or Reduced Alternative Monitoring and Sampling Plan.
- (3) The monthly Monitoring and Sampling fee per facility required by paragraph (ac)(1) shall be as follows:

<u>Alternative or Reduced Alternative Monitoring and Sampling Plan Monthly Monitoring</u> Fees

		Sampling Frequency			
	Number and Type of Monitor	<u>1 in 3</u>	Days	<u>1 in 6</u>	<u>Days</u>
		2 Staff	1 Staff	2 Staff	1 Staff
	1 - Metal TAC Monitor - Hexavalent Chromium	\$10,000	<u>\$6,500</u>	\$5,000	<u>\$3,500</u>
Base	1 - Metal TAC Monitor – Non- Hexavalent Chromium	<u>\$5,500</u>	\$3,500	\$3,000	\$2,000
	1 - Metal TAC Monitor –Hexavalent Chromium &	\$13,000	\$8,500	\$6,500	\$4,500

	1 - Metal TAC Monitor – Non- Hexavalent Chromium				
A 1122	1- Metal TAC Monitor - Hexavalent Chromium	\$4,000	<u>\$3,500</u>	\$2,500	\$2,000
Additional	1- Metal TAC Monitor – Non-Hexavalent Chromium	\$2,500	\$2,000	\$1,500	\$1,000
<u>Other</u>	1 – Wind Monitor	\$500	<u>\$500</u>	\$500	<u>\$500</u>

- The fees for a wind monitor are \$500 per month, if the owner or operator of a Metal TAC Monitoring Facility elects to have the South Coast AQMD collect wind speed and direction data to meet the requirements of Rule 1480(f)(8).
- (5) If the Executive Officer contracts Monitoring and Sampling, as defined in Rule 1480 subdivision (c), with a third-party contractor, the fees would be specified by the third-party contractor.
- (6) The number, type, and location of the monitors is specified in the initial Rule 1480

 Alternative Monitoring and Sampling Plan and maintained in the most recently approved Rule 1480 Alternative or Reduced Alternative Monitoring and Sampling Plan.
- The operating and maintenance fees shall be billed on a monthly basis with payments due on or before the end of the month for which Monitoring and Sampling is required under Rule 1480 and include any other unpaid operating and maintenance fees. If the operating and maintenance fee is not paid in full within 60 calendar days of its due date, a 10 percent surcharge shall be imposed.
- (8) If Monitoring and Sampling pursuant to Rule 1480 is no longer required by the Executive Officer or if the sampling frequency is modified in the middle of a month, an owner or operator shall pay fees at a prorated amount.
- (9) If the number and/or type of monitors is modified in the middle of a month, an owner or operator shall pay fees at a prorated amount.

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(ad) Severability

Rule 306(a) Summary

California Health and Safety Code Section 40522 provides authority for the South Coast Air Quality Management District to adopt a fee schedule for the approval of plans to cover the costs of review, planning, inspection, and monitoring related to activities conducted pursuant to the plans. An annual fee may also be charged to cover the costs of annual review, inspection, and monitoring related thereto. This rule establishes such a fee schedule, and requires that fees be paid for:

- (1) Filing of plans;
- (2) Evaluation of the above plans;
- (3) Inspections to verify compliance with the plans;
- (4) Duplicate plans;
- (5) Change of condition; and
- (6) Annual review/renewal of plans, if applicable <u>:</u>; and
- (7) Preparation of a Rule 1480 Alternative Monitoring and Sampling Plan.

Rule 306(s) Preparation of a Rule 1480 Alternative Monitoring and Sampling Plan

The fee for preparing an Alternative Monitoring and Sampling Plan to meet the requirements of Rule 1480(e)(1)(E)(i) and Rule 1480(e)(1)(F) through (e)(1)(I) shall be \$6,000, the payment of which shall be the responsibility of the owner or operator of a facility subject to Rule 1480.

Rule 1480(c) Definitions

(2) BENCHMARK CONCENTRATION is the Metal TAC concentration at a monitor that represents the Reduced Risk Level at a Sensitive Receptor that is calculated using the methodology in Appendix 21 and is specified in the notification from the Executive Officer that the facility has been designated as a Metal TAC Monitoring Facility pursuant to paragraph (d)(8).

Rule 1480(e) Monitoring and Sampling Plan

- (10) The preparation of an Alternative Monitoring and Sampling Plan to meet the requirements of clause (e)(1)(E)(i) and subparagraphs (e)(1)(F) through (e)(1)(I) shall be subject to the fees: pursuant to Rule 306.
 - 1) Pursuant to Rule 306; or
 - 2) Pursuant to Appendix 1 of this rule, if Rule 306 does not list the fees for preparing an Alternative Monitoring and Sampling Plan.

Rule 1480(g) Alternative Monitoring and Sampling

- (1) An owner or operator of a Metal TAC Monitoring Facility that elects to have the Executive Officer conduct Monitoring and Sampling in lieu of meeting the requirements of subparagraph (d)(9)(B) or pursuant to clause (e)(4)(B)(ii) shall:
 - (A) No later than 30 days after receiving a notice from the Executive Officer, submit a draft Alternative Monitoring and Sampling Plan pursuant to paragraph (e)(2) unless a Basic Monitoring and Sampling Plan was submitted pursuant to subparagraph (d)(9)(A);
 - (B) Provide access to the facility for the Executive Officer or its third-party contractor to conduct Monitoring and Sampling; and
 - (C) No later than the date specified in the approval letter, the owner or operator of a Metal TAC Monitoring Facility that elects to have the Executive Officer conduct Monitoring and Sampling pursuant to paragraph (g)(1) shall pay the operating and maintenance fees to the South Coast AQMD for the Executive Officer to conduct Monitoring and Sampling pursuant to the approved Alternative Monitoring and Sampling Plan: pursuant to Rule 301 Permitting and Associated Fees.
 - 1) Pursuant to Rule 301 Permitting and Associated Fees; or
 - 2) Pursuant to Appendix 1 of this rule, if Regulation III does not list the fees for Monitoring and Sampling.

Rule 1480 Appendix 1: South Coast AOMD Monitoring and Sampling Fees

1. Principle

This fee is applicable to all facilities that elect to have the South Coast AQMD conduct Monitoring and Sampling. The fees in this Appendix shall no longer be in effect when Regulation III includes these fees. The fees include monitoring equipment, material, labor, sample retrieval, sample analysis, construction and other associated fees. An owner or operator shall be responsible for the fees for Monitoring and Sampling from the date specified in the Alternative or Reduced Alternative Monitoring and Sampling Plan. South Coast AQMD typically deploys two field staff members to perform field work due to potential hazards encountered in the field. During the review of an Alternative Monitoring and Sampling or Reduced Alternative Monitoring and Sampling Plan, the Executive Officer will evaluate and determine if it is appropriate to have only one field staff member to conduct Monitoring and Sampling at the Metal TAC Monitoring Facility. A Metal TAC Monitoring Facility would be notified of the Executive Officer's decision at the time of approval of the Alternative or Reduced Alternative Monitoring and Sampling Plan. The Executive Officer's decision on the number of field staff members needed will be based on the following factors:

- 1. Height of the monitor
- 2. Use of a ladder
- 3. Sampling schedule
- 4. Access to the facility
- 5. Safety concerns

2. Preparation of an Alternative Monitoring and Sampling Plan

An owner or operator shall be responsible for \$6,000, which are the fees associated with the preparation of an Alternative Monitoring and Sampling Plan to meet the requirements of clause (e)(1)(E)(i) and subparagraphs (e)(1)(F) through (e)(1)(I).

3. Monitoring and Sampling Fee

A. The monthly fees listed in Table 1—Alternative or Reduced Alternative Monitoring and Sampling Plan Monthly Monitoring Fees list the fees for a specific monitor and each additional monitor required by the Executive Officer to conduct Monitoring and Sampling.

Table 1 — Alternative or Reduced Alternative Monitoring and Sampling Plan

Monthly Monitoring Fees

		Sampling Frequency			
	Number and Type of Monitor	1 in 3 Days		1 in 6 Days	
		2 Staff	1 Staff	2 Staff	1 Staff
	1 Metal TAC Monitor Hexavalent Chromium	\$10,000	\$6,500	\$ 5,000	\$3,500
Base	1 - Metal TAC Monitor Non- Hexavalent Chromium	\$ 5,500	\$3, 5 00	\$3,000	\$2,000
Dasc	1 - Metal TAC Monitor - Hexavalent Chromium & 1 - Metal TAC Monitor - Non-Hexavalent Chromium	\$ 13,000	\$8,500	\$ 6,500	\$4,500
	1 Metal TAC Monitor - Hexavalent Chromium	\$4,000	\$3, 5 00	\$2,500	\$2,000
Additional	1- Metal TAC Monitor Non- Hexavalent Chromium	\$ 2,500	\$2,000	\$1,500	\$1,000

- B. The fees for a wind monitor are \$500 per month, if the owner or operator of a Metal TAC Monitoring Facility elects to have the South Coast AQMD collect wind speed and direction data to meet the requirements of paragraph (f)(8).
- C. If the Executive Officer contracts Monitoring and Sampling with a third-party contractor, the fees would be specified by the third-party contractor.
- D. The number, type, and location of the monitors is initially specified in subparagraph (d)(8)(E) and stated in the Alternative or Reduced Alternative Monitoring and Sampling Plan.

E. Pursuant to paragraph (e)(8), the Executive Officer may require the owner or operator to submit a draft Alternative or Reduced Alternative Monitoring and Sampling Plan to modify the number, type, and/or location of the monitors needed to conduct Monitoring and Sampling based on new information from the date the facility was designated a Metal TAC Monitoring Facility.

4. Payment Deadline

The operating and maintenance fees shall be billed on a monthly basis with payments due on or before the end of the month for which Monitoring and Sampling is required and include any other unpaid operating and maintenance fees. If the operating and maintenance fee is not paid in full within 60 calendar days of its due date, a 10 percent surcharge shall be imposed.

5. Pro-rated Payments

A. If Monitoring and Sampling will no longer be required to be conducted by the Executive Officer or if the sampling frequency is modified in the middle of a month, an owner or operator shall pay fees at a prorated amount.

B. If the number and/or type of monitors is modified in the middle of a month, an owner or operator shall pay fees at a prorated amount.

Rule 1480 Appendix 21: Methodology for Calculating Benchmark Concentration

Justification/Necessity/Equity:

Rule 1480 (adopted in December 2019) requires a facility designated as a Metal TAC Monitoring Facility to conduct Monitoring and Sampling either by using a third-party contractor or by electing to have South Coast AQMD conduct Monitoring and Sampling. A Metal TAC Monitoring Facility electing to have South Coast AQMD conduct Monitoring and Sampling is required to pay a plan preparation fee for portions of the Alternative Monitoring and Sampling Plan that would be prepared by South Coast AQMD and a monthly O&M fee for Monitoring and Sampling at the facility (Monitoring Fees). These fees are currently set forth in Rule 1480. The placement of fees in Rule 1480 rather than Regulation III - Fees is inconsistent with how South Coast AQMD typically specifies the fees which it charges. Thus, this proposed amendment will transfer the specified fee provisions from Rule 1480 to Rules 301 and 306. The transfer of the fees into Rule 301 and 306 does not result in any new or increased fees. Only those facilities currently subject to Rule 1480 that are designated as Metal TAC Monitoring Facilities would continue to be subject to a monthly Monitoring Fee and the Alternative Monitoring and Sampling Plan preparation fee.

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2. CLARIFICATION TO 'IDENTICAL EQUIPMENT' DEFINITION IN RULE 301

Description of Proposed Amendment:

This amendment clarifies the definition of "Identical Equipment" found in Rule 301(b)(20) by restoring information inadvertently omitted during a prior rule amendment. In particular, staff is proposing to amend the definition of "Identical Equipment" by adding language requiring that the make and model of the equipment must be identical.

Proposed Amended Rule(s):

Rule 301(b) Definitions

(20) IDENTICAL EQUIPMENT means any equipment which is of the same make and model, and is to be operated by the same operator, and have the same equipment address, and have the same operating conditions and processing material to the extent that a single permit evaluation would be required for the set of equipment. Portable equipment, while not operating at the same location, may qualify as identical equipment.

Justification/Necessity/Equity:

Prior to 1996, the definition of "Identical Equipment" in Rule 301(b)(20) specified that the make and model of the equipment must be identical. In the 1996 amendment, the term "Identical Equipment" was removed in its entirety and was replaced with a new term titled "Similar Equipment". The "Similar Equipment" definition did not require identical make and model. Subsequently, in 1998, the terminology changed again. The "Similar Equipment" definition was removed in its entirety and was replaced with an "Identical Equipment" definition. The 1998 staff report indicates that the intent of the amendment was to restore the original definition of "Identical Equipment". However, the language pertaining to the requirement for identical make and model was inadvertently omitted. The proposed change is to restore the original requirement for identical make and model to the definition of "Identical Equipment". This amendment is a clarification of existing rule language. This change reflects current practice and will clarify the definition of "Identical Equipment" and avoid confusion on the part of permit applicants.

This amendment is necessary because Rule 301(c)(1)(E) states that when permit applications are submitted concurrently for multiple pieces of "identical equipment", full fees are charged for the first application, and fifty percent (50%) of the applicable processing fee are assessed for each additional application. Requiring equipment to be of the same make and model, as has been South Coast AQMD intent and practice, in addition to the other requirements already specified in the rule, is essential to ensuring equitable cost recovery. A streamlined evaluation performed for a reduced fee would not be possible if the equipment was not identical in make and model.

¹⁶ Regulation III – Fees, Staff Report (1996), pg. ES-4. Document on file and available at the South Coast AQMD Library, 21865 East Copley Drive, Diamond Bar, CA 91765, (909-396-2600)

3. <u>CLARIFY SUBMITTAL DEADLINE AND LATE SUBMITTAL SURCHARGES FOR CLEAN FUEL FEES IN RULE 301</u>

Description of Proposed Amendment:

The current version of Rule 301 does not clearly define the deadline nor explain the methods to calculate the late submittal surcharges for Clean Fuels Fees. The submittal deadline and late payment surcharges are indirectly mentioned under (e)(10)(A) and (e)(10)(D) for underreporting of emissions. This amendment proposes to clarify the deadline and existing surcharges associated with late submittal or underpayment of Clean Fuels Fees in subdivision (e) of Rule 301. Similar clarifying revisions were made to the Semi-Annual Emissions Fee Payment in 301(e)(11) in 2019. This proposed amendment is for clarification purposes only and does not introduce any new or increased fees.

Proposed Amended Rule(s):

Rule 301(e) Annual Operating Emissions Fees

(6) Clean Fuels Fee Thresholds

Each facility emitting 250 tons or more per year (≥ 250 TPY) of Volatile Organic Compounds, Nitrogen Oxides, Sulfur Oxides and Particulate Matter shall pay an annual clean fuels fee as prescribed in Table V (California Health and Safety Code Section 40512).

(10) Notice to Pay and Late Filing Surcharge

(A) The facility owner/operator shall submit an annual emissions report and pay any associated emissions fees if a notice to report emissions is sent by mail, electronic mail, or other electronic means, annually to the owners/operators of all equipment (as shown in District records) for which this subdivision applies. A notice to pay the <u>clean fuels fee specified in paragraph (e)(6) or semi-annual fee specified in paragraph (e)(11) will also be sent by mail, electronic mail, or other electronic means, to facilities which in the preceding reporting year emitted any air contaminant equal to or greater than the emission thresholds specified in subparagraph (e)(6) or (e)(11)(A). Emissions reports and fee payment submittals are the responsibility of the owner/operator regardless of whether the owner/operator was notified.</u>

If both the fee payment and the completed <u>annual</u> emissions report are not received by the seventy-fifth (75th) day following July 1 (for semi-annual reports), or January 1 (for annual reports) or the fee payment not received by the seventy-fifth (75th) day following July 1 (for semi-annual and clean fuels fees), they shall be considered late, and surcharges for late payment shall be imposed as set forth in subparagraph

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(e)(10)(B). For this subparagraph, the emissions fee payment and the emissions report shall be considered to be timely received by the District if it is delivered, postmarked, or electronically paid on or before the seventy-fifth (75th) day following the official due date. If the seventy-fifth (75th) day falls on a Saturday, Sunday, or a state holiday, the fee payment and emissions report may be delivered, postmarked, or electronically paid on the next business day following the Saturday, Sunday, or the state holiday with the same effect as if they had been delivered, postmarked, or electronically paid on the seventy-fifth (75th) day.

(C) If an <u>annual</u> emission fee <u>or clean fuels fee</u> is timely paid, and if, within one year after the seventy-fifth (75th) day from the official due date <u>of the annual emission report</u> is determined to be less than ninety percent (90%) of the full amount that should have been paid, a fifteen percent (15%) surcharge shall be added, and is calculated based on the difference between the amount actually paid and the amount that should have been paid, to be referred to as underpayment. If payment was ninety percent (90%) or more of the correct amount due, the difference or underpayment shall be paid but with no surcharges added. The fee rate to be applied shall be the fee rate in effect for the year in which the emissions actually occurred. If the underpayment is discovered after one (1) year and seventy five (75) days from the official fee due date <u>of the annual emission report</u>, fee rates and surcharges will be assessed based on subparagraph (e)(10)(D).

Justification/Necessity/Equity:

The proposed revisions are needed to clearly provide the deadline to submit the Clean Fuels Fee Payment and clarify which subparagraph in Rule 301(e) should be followed to estimate the surcharges associated to late payments or under payments of this fee and prevent confusion. The proposed revision does not have any fee impacts and only clarifies the existing payment submittal requirements and method to calculate surcharges that are currently being enforced by the South Coast AQMD.

4. <u>CLARIFICATION TO UNDERPAYMENT OF ANNUAL EMISSION REPORTING</u> FEES IN RULE 301

Description of Proposed Amendment:

As part of the 2019 Regulation III amendments, Rule 301 subparagraphs (e)(10)(C) and (e)(10)(D) were amended to state that the fee rate that needs to be used to calculate Annual Emissions Report (AER) underpayments shall be the fee rate in effect for the year in which the emissions actually occurred. Inadvertently, this correction was not also applied to subparagraph (e)(10)(E).

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Subparagraph (e)(10)(E) currently specifies the fee rate to be applied shall be the fee rate in effect for the year in which the emissions are actually reported/revised. This amendment proposes to update Rule 301(e)(10)(E) to reflect the appropriate fee rate to be applied to AER underpayments. This amendment is solely for clarification and does not serve to introduce new or increased fees.

Proposed Amended Rule(s):

Rule 301(e) Annual Operating Emissions Fees

- (10) Notice to Pay and Late Filing Surcharge
 - (E) Effective July 1, 2019, if the underpayment is a result of emissions related to a source test that was submitted to the Source Test unit for approval prior to or at the time the official AER submittal due date of the subject annual emission report, the difference or underpayment shall be paid, but with no surcharges added. The fee rate to be applied shall be the fee rate in effect for the year in which the emissions actually occurred. If the underpayment is paid within one year after the seventy-fifth (75th) day from the official due date, the fee rate to be applied shall be the fee rate in effect for the year in which the emissions actually occurred. If the underpayment is paid after one year after the seventy-fifth (75th) day from the official due date, the fee rate to be applied shall be the fee rate in effect for the year in which the emissions are actually reported.

Justification/Necessity/Equity:

This revision does not introduce any new or increased fees. The proposed amendment is solely for clarification and addresses a revision that was intended to be made as part of other related amendments adopted as part of the 2019 Regulation III amendments.

5. CLARIFICATION TO 'RELOCATION' DEFINITION IN RULE 301

Description of Proposed Amendment:

The definition of "relocation" in Rule 301(b)(26) is inconsistent with the definition of "relocation" in Rule 1401(c)(12). As a result, the definition in Rule 301 currently does not include a consideration of health risks. Specifically, the definition should include reference to the fact that removal of a permit unit from one location within a facility and installation at another location within the facility is only considered a "relocation" if an increase in the maximum individual cancer risk in excess of one in one million $(1.0 \times 10\text{-}6)$ or a Hazard Index of 1.0 occurs at any receptor location. This proposal simply clarifies current practice and does not include any changes to fees.

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Proposed Amended Rule(s):

Rule 301(b) Definitions

(26) RELOCATION means the removal of an existing source from one parcel of land in the District and installation on another parcel of land where the two parcels are not in actual physical contact and are not separated solely by a public roadway or other public right-of-way. The removal of a permit unit from one location within a facility and installation at another location within the facility is a relocation only if an increase in maximum individual cancer risk in excess of one in one million (1.0 x 10-6) or a Hazard Index of 1.0 occurs at any receptor location.

Justification/Necessity/Equity:

The definition of "relocation" in Rule 301 is inconsistent with the definition of "relocation" in Rule 1401 (c)(12). The Rule 1401 definition includes an additional sentence:

The removal of a permit unit from one location within a facility and installation at another location within the facility is a relocation only if an increase in maximum individual cancer risk in excess of one in one million $(1.0 \times 10-6)$ or a Hazard Index of 1.0 occurs at any receptor location.

Adding this sentence to the Rule 301 definition will remove any perceived conflict between definitions. This will ensure that facilities do not incorrectly assume that they do not need to apply for permits for relocation of equipment within a facility when Rule 1401 disallows it.

It may be inferred, according to the current definition of relocation in Rule 301, that if an existing equipment is moved from one parcel of land to another parcel of land where the two parcels are in actual physical contact or are solely separated by a public roadway or other public right-of-way, they do not need to apply for a permit for relocation. This may be inconsistent with Rule 1401 requirements. Moving equipment to an adjacent location could potentially have an impact on the health risks to the surrounding receptors, and updating the 'relocation' definition to match that of Rule 1401 will clarify this. Revising the definition of relocation in Rule 301 will ensure that facilities properly apply for permits for relocation when the health risk is increased above thresholds of concern that would require additional evaluation and possible public noticing. This change to the definition of relocation does not change any requirements or impose additional requirements; it merely makes more clear existing requirements and harmonizes the definitions.

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6. EXTEND DEADLINE TO SUBMIT ANNUAL EMISSIONS REPORT AND PAY ASSOCIATED FEES FOR 2022 EMISSIONS REPORTED IN 2023

Description of Proposed Amendment:

CARB's Criteria and Toxics Reporting (CTR) Regulation is administered through the Annual Emissions Reporting (AER) program for affected facilities in the South Coast AQMD's jurisdiction. Beginning with the CY 2022 emissions reported in 2023, the CTR regulation will require emissions reporting for thousands more facilities that will be new to the AER program. Additionally, report content will be expanded for all facilities, existing and new to AER, requiring hundreds more reportable toxic air contaminants for all facilities and release location data for some. The functionality for abbreviated reporting will also be added to the AER reporting tool software for facilities exclusively engaged in specific processes identified in the CTR regulation (e.g., retail sale of gasoline, crematories, agricultural operations). This amendment proposes to extend the 2023 AER deadline for submitting annual emissions reports (and payments) in an effort to accommodate the potentially large number of new facilities required to report due to CTR implementation.

Proposed Amended Rule(s):

Rule 301(e)(10) Notice to Pay and Late Filing Surcharge

(A) The facility owner/operator shall submit an annual emissions report and pay any associated emissions fees if a notice to report emissions is sent by mail, electronic mail, or other electronic means, annually to the owners/operators of all equipment (as shown in District records) for which this subdivision applies. A notice to pay the semi-annual fee specified in paragraph (e)(11) will also be sent by mail, electronic mail, or other electronic means, to facilities which in the preceding reporting year emitted any air contaminant equal to or greater than the emission thresholds specified in subparagraph (e)(11)(A). Emissions reports and fee payment submittals are the responsibility of the owner/operator regardless of whether the owner/operator was notified.

If both the fee payment and the completed emissions report are not received by the seventy-fifth (75th) day following July 1 (for semi-annual reports), or January 1 (for annual reports), they shall be considered late, and surcharges for late payment shall be imposed as set forth in subparagraph (e)(10)(B). For the purpose of this subparagraph, the emissions fee payment and the emissions report shall be considered to be timely received by the District if it is delivered, postmarked, or electronically paid on or before the seventy-

fifth (75th) day following the official due date. If the seventy-fifth (75th) day falls on a Saturday, Sunday, or a state holiday, the fee payment and emissions report may be delivered, postmarked, or electronically paid on the next business day following the Saturday, Sunday, or the state holiday with the same effect as if they had been delivered, postmarked, or electronically paid on the seventy-fifth (75th) day.

The 2022 annual emissions report and associated fee payment shall be considered to be timely received by the District if the report is electronically submitted and payment is delivered, postmarked, or electronically paid on or before May 1, 2023.

Rule 301(e)(11) Semi-Annual Emissions Fee Payment

(B) In lieu of payment of one half the estimated annual emission fees, the owner/operator may choose to report and pay on actual emissions for the first six months (January 1 through June 30). By January 1 of the year following the reporting period, the permit holder shall submit a final Annual Emission Report together with the payment of the balance; the annual emission fees less the installment previously paid. The report shall contain an itemization of emissions for the preceding twelve (12) months of the reporting period (January 1 through December 31). The final Annual Emission Report for 2022 emissions together with the payment of the balance (the annual emission fees less the installment previously paid) shall be considered to be timely received by the District if the report is electronically submitted and payment is delivered, postmarked, or electronically paid on or before May 1, 2023.

Rule 301(e)(15) Deadline for Filing Annual Emissions Report and Fee Payment

Notwithstanding any other applicable Rule 301(e) provisions regarding the annual emissions report and emission fees, for the reporting period January 1 through December 31, the fee payment and the completed annual emissions report shall be delivered, postmarked, or electronically paid on or before the seventy-fifth (75th) day following January 1 of the subsequent year to avoid any late payment surcharges specified in subparagraph (e)(10)(B). The 2022 annual emissions report and associated fee payment shall be considered to be timely received by the District if the report is

electronically submitted and payment is delivered, postmarked, or electronically paid on or before May 1, 2023.

Justification/Necessity/Equity:

Rule 301(e) sets forth requirements for the AER program, including the official due date of report submittal and associated fee payments. The current due date for annual emissions reports and payments is 75 days following January 1. Due to the CTR reporting requirements, for CY 2022 emissions reported in 2023, it is anticipated that more time will be needed, compared to previous years, for staff to assist the volume of new facilities to the AER program on general emissions reporting questions, emissions calculation methodologies, and guidance on use of the reporting tool and new abbreviated reporting function. Staff is proposing the deadline date of May 1, 2023 which is also consistent with the report submittal due date specified in the CTR regulation. The extended deadline will also benefit new and existing facilities by allowing them more time to complete the report in light of the additional report content pursuant to the CTR regulation. The extended deadline would only be applicable for annual emissions reports and payments due in 2023 since this is the first year that the CTR regulation will significantly increase the number of facilities required to report. Subsequent years would mirror the number of reporting facilities in previous years since new facilities reporting in 2023 would not have to report again until 2027¹⁷.

VII. IMPACT ASSESSMENT

A. FISCAL IMPACT FOR SOUTH COAST AQMD

The fiscal impacts of the proposed amendments including those impacted only by the CPI increase have been taken into consideration by the FY 2022-23 budget and the related five-year projections.

B. CALIFORNIA ENVIRONMENTAL QUALITY ACT

Pursuant to the California Environmental Quality Act (CEQA) Guidelines Sections 15002(k) and 15061, the proposed amendments to Regulation III which involve charges by public agencies for the purpose of meeting operating expenses and financial reserve needs and requirements are statutorily exempt from CEQA pursuant to CEQA Guidelines Section 15273. In addition, the proposed amendments to Regulation III and 1480 which have no fee impact and are strictly administrative in nature are exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3). A Notice of Exemption will be prepared pursuant to CEQA Guidelines Section 15062, and if the proposed project is approved, the Notice of Exemption will be filed for posting with the State Clearinghouse of the Governor's Office of Planning and Research, and with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino counties.

¹⁷ https://ww2.arb.ca.gov/sites/default/files/barcu/regact/2020/ctr/fro.pdf

C. SOCIOECONOMIC IMPACT ASSESSMENT

A socioeconomic analysis was conducted to assess the potential impacts of Proposed Amended Regulation (PAR) III – Fees. This assessment provides analysis of the proposed amendments to Regulation III with fee impacts other than the CPI-based increase. It includes the estimated fee impacts by proposed amendments and by industry. South Coast AQMD is required to undertake socioeconomic analyses by H&SC Section 40440.8(a) for proposed rules and rule amendments that "will significantly affect air quality or emissions limitations". Although PAR III – Fees does not satisfy this criterion, the analysis herein is presented to provide further information to the Governing Board and stakeholders on the impacts of PAR III.

A separate socioeconomic analysis has been conducted to assess the potential impacts of the Rule 320 CPI-based fee increase, which was released on March 15, 2022 (see http://www.aqmd.gov/docs/default-source/planning/reg-iii/draft-socioeconomic-assessment-for-automatic-cpi-increase_2022_v2-1.pdf). This CPI-based fee increase adjusts fees for the cost of inflation, thereby holding the real (adjusted for inflation) fee amount constant over time.

Projected Costs of Proposed Amendments with Fee Impacts

In order to examine the impact of the proposed amendments with fee impacts, this section quantifies the fee impact by each proposed amendment and by the potentially affected industries. All assumptions informing estimated fee impacts are discussed below.

• <u>Update Rule 1180 Community Air Monitoring Annual O&M Fees pursuant to Health and Safety Code Sections 42705.6(f)(1) and (f)(2)</u>

Staff is proposing fee increases to the Rule 1180 Community Air Monitoring Annual O&M Fees in Rule 301(aa)(2). As proposed, the fee increase will be phased in over the next three fiscal years, with a 5.3% increase in FY 2022-23, a 2.2% increase in FY 2023-24, and a 2.1% increase in FY 2024-25. These fees are only applicable to refinery facilities currently categorized as NAICS 324 (Petroleum and Coal Products Manufacturing). Taking into consideration the phase-in of the fees, the estimated potential fee impact is an increase of \$231,000 in FY 2022-23, \$327,000 in FY 2023-24, and \$418,000 in FY 2024-25 above the \$4.36 million paid in Rule 1180 Community Air Monitoring Annual O&M Fees in FY 2021-22. ** Table 6 below shows the proposed fee increases by refinery in each of the next three fiscal years.

¹⁸ Rule 1180 Community Air Monitoring Annual O&M Fees were based on a cost analysis for an individual monitoring station. See 2018 Regulation III Staff Report, https://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2018/2018-may4-033.pdf, Attachment H, pg. 7-11 (Table 2 includes annual O&M cost estimates per monitoring station). At the time of adoption, fees were apportioned to refinery facilities based on the number of monitoring stations per facility. The proposed fee increases based on the fee reassessment are being applied proportionally to recover projected costs.

Facility Name* and Location	FY 22-23	FY 23-24	FY 24-25 (and thereafter)
Andeavor Corporation (Carson)	<u>\$46,167.56</u>	\$65,331.46	<u>\$83,624.26</u>
Andeavor Corporation (Wilmington)	\$23,083.78	\$32,665.73	<u>\$41,812.13</u>
Chevron U.S.A, Inc. (El Segundo)	<u>\$46,167.56</u>	\$65,331.46	\$83,624.26
Phillips 66 Company (Carson)	<u>\$23,083.78</u>	<u>\$32,665.73</u>	<u>\$41,812.13</u>
Phillips 66 Company (Wilmington)	\$23,083.78	\$32,665.73	<u>\$41,812.13</u>
PBF Energy, Torrance Refining Company (Torrance)	<u>\$46,167.56</u>	<u>\$65,331.46</u>	<u>\$83,624.26</u>
Valero Energy (Wilmington)	\$23,083.78	\$32,665.73	<u>\$41,812.13</u>

Table 6: Proposed Fee Increases by Facility Relative to Current Fee Rates

• Add a new category for HEPA and ULPA Equipped Spray Booths controlling Rule 1401 toxics

HEPA and ULPA Equipped Spray Booths are currently billed at Fee Schedule B. This proposal would clarify the applicability of reate a new equipment category in Rule 301, Table IA specifically for HEPA and ULPA Equipped Spray Booths. This new equipment category would be billed at Fee Schedule C, resulting in applicability of a higher fee increase. Permit fee rates vary by permit type (permit processing, change of condition and alteration/modification) as well as facility type (Title V, non-Title V). Current FY 2021-22 fee rates by permit and facility type can be found in Table 67 below.

This amendment is expected to predominantly affect Rule 1469.1 facilities. Industries subject to Rule 1469.1 include Fabricated Metal Product Manufacturing (NAICS 332), Transportation Equipment Manufacturing (NAICS 336), Wholesale Trade (NAICS 42), Computer and Electronic Manufacturing (NAICS 334), Chemical Manufacturing (NAICS 325), and Repair and Maintenance (NAICS 811). Staff expects approximately 20 permit applications per year will be impacted by this fee increasere-categorization. Based on the fee rates listed in Table 67, staff conservatively assumed that application of the more accurate fee category will result in an average incremental cost of \$2,000 per application, and therefore, this amendment is expected to result in an annual incremental cost to facilities of \$40,000.

		-					
Schedule	Non-Title V			Title V			
	Permit Processing	Change of Condition	Alteration/ Modification	Permit Processing	Change of Condition	Alteration/ Modification	
В	\$3,079.71	\$1,525.65	\$3,079.71	\$3,859.15	\$1,911.79	\$3,859.15	
С	\$4,871.21	\$2,640.41	\$4,871.21	\$6,104.08	\$3,308.69	\$6,104.08	

Table 67: FY 2021-22 Schedule B and C Permit Fee Rates

^{*} Reflecting facility names at the time of Rule 1180 adoption

• Add Rule 1109.1 I-Plan, B-Plan, and B-Cap as types of plans subject to Rule 306 Annual Renewal Fees

This proposal would add Rule 1109.1 I-Plan, B-Plan, and B-Cap plans to the list of plan types subject to Rule 306(h) Annual Renewal Fees. Facilities in the Petroleum and Coal Products Manufacturing sector are subject to Rule 1109.1. Current FY 2021-22 rates for Annual Renewal Fees are \$440 per plan for non-Title V facilities and \$552 per plan for Title V facilities. Staff expects six facilities will submit up to two plans annually, resulting in an expected annual incremental cost of \$5,000.¹⁹

• Add Rule 463 Floating Roof Tank Seal Certification as a type of plan subject to Rule 306 Plan Evaluation Fees

This amendment proposes to add Floating Roof Tank Seal Certifications to the list of plans subject to plan evaluation fees in Rule 306(b). Facilities in the Construction (NAICS 23), Primary Metal Manufacturing (NAICS 331) and the Fabricated Metal Manufacturing (NAICS 332) sectors are expected to incur the costs of these fees. Current FY 2021-22 plan evaluation fees include: (1) an initial filing fee of \$169; (2) an initial payment of \$590; and (3) additional time and materials (T&M) fees billed at a rate of \$169 per hour. Staff expects that up to 2 Floating Roof Tank Seal Certifications to be conducted annually, with each certification requiring roughly 40 to 50 hours of staff time. Based on these assumptions, the expected annual incremental cost of this amendment is approximately \$14,000.

 Add Operation, Maintenance, and Monitoring Plans required by National Emissions Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units as a type of plan subject to Rule 306 Annual Renewal Fees

40 CFR 63 Subpart UUU requires facilities subject to this regulation to prepare an operation, maintenance and monitoring plan for catalytic cracking units, catalytic reforming units and/or sulfur recovery units. This proposal would add these operation, maintenance, and monitoring plans to the list of plans subject to Annual Renewal Fees in Rule 306(h). Facilities in the Petroleum and Coal Product Manufacturing sector are expected to incur all costs resulting from this amendment. Current FY 2021-22 rates for Annual Renewal Fees are \$440 per plan for non-Title V facilities and \$552 per plan for Title V facilities. Staff expects eight facilities will submit a total of 17 plans annually, resulting in an expected incremental cost of \$9,000 per year.

• Update applicable permit fees for a subsequent application in the event a Permit to Construct has expired under the provisions of Rule 205

The proposed amendment <u>updates clarifies</u> the applicable fee rate for facilities with an expired Permit to Construct that subsequently reapply in a timely manner for the same construction. Currently, facilities are charged a Change of Owner/Operator fee in this situation, but this proposal

¹⁹ The incremental costs incurred by refinery facilities resulting from increased South Coast AQMD fees were analyzed during Rule 1109.1 rule development and were based on conservative assumptions. The costs presented here have been revised downward based on input from engineering staff.

would more accurately utilize change the applicable fee to the Administrative Change Fee as the applicable fee. As a result of this proposal, the fees for facilities submitting a subsequent application for Schedule A/A1 equipment would be unchanged, but subsequent applications for Schedule B and higher equipment would experience more appropriately be subject to a higher fee increase. Current FY 2021-22 Administrative Fees for non-Title V facilities are set at \$737 for Schedule A/A1 and \$1,007 for Schedule B and higher. Title V facilities are charged a fee rate of \$924 for Schedule A/A1 and \$1,261 for Schedule B and higher. This provision in Rule 301 has historically only affected gas stations in the Retail Trade (NAICS 44-45) sector. Staff expects that up to 12 applications could be submitted annually, resulting in a maximum expected annual incremental cost of \$3,500.

• Remove fee exemption for Notification Updates pursuant to Rule 1466(f)(2)

This amendment proposes to remove the fee exemption currently in Rule 301(x)(2) in order to make all Rule 1466 Notification Updates subject to the same fee as Initial Notifications (\$68.07 in FY 2021-22). Facilities for various sectors are subject to Rule 1466, including the Utilities (NAICS 22), Wholesale Trade (NAICS 42), Rail Transportation (NAICS 482), Transit and Ground Passenger Transportation (NAICS 485), Support Activities for Transportation (NAICS 488), Real Estate (NAICS 531), Educational Services (NAICS 61), Health Care and Social Assistance (NAICS 62), and Public Administration (NAICS 92). 415 Notification Updates were submitted to the South Coast AQMD in CY 2021. Based on this number, the expected incremental cost of this proposal is \$28,000 per year.

Summary of Fee Impacts

The fee impacts by proposed amendment are shown in Table <u>87</u> for FY 2022-23, FY 2023-24, FY 2024-25 and thereafter. The fee impacts in total are estimated be \$330,500 in FY 2022-23, \$426,500 in FY 2023-24, and \$517,500 in FY 2024-25 and beyond. The update to Rule 1180 Community Air Monitoring Annual O&M Fees is the proposed amendment with the most significant fee impact. All other proposed amendments result in relatively minor fee impacts.

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Table 87: Estimated Fee Impacts by Proposed Amendment and Fiscal Year

Proposed Amendment	FY 2022-23	FY 2023-24	FY 2024-25 and thereafter	
Update Rule 1180 Community Air Monitoring O&M Fees	\$231,000	\$327,000	\$418,000	
New Equipment Category for HEPA/ULPA Spray Booths	\$40,000	\$40,000	\$40,000	
Add Rule 1109.1 Plans as Subject to Annual Review Fees	\$5,000	\$5,000	\$5,000	
Add Plans Required by Federal Regulations for Refinery Related Equipment as Subject to Annual Review Fees	\$9,000	\$9,000	\$9,000	
Add Floating Roof Tank Seal Certifications as Subject to Plan Evaluation Fees	\$14,000	\$14,000	\$14,000	
Update Permit Fee for a Subsequent Application When A Permit to Construct Expires	\$3,500	\$3,500	\$3,500	
Remove Fee Exemption for Rule 1466 Notification Updates	\$28,000	\$28,000	\$28,000	
Total	\$330,500	\$426,500	\$517,500	

Table <u>98</u> shows the distribution of these fee impacts by industry and by fiscal year. The manufacturing sector is expected to incur the largest fee impacts with an increase in fees of \$290,000 in FY 2022-23, \$387,000 in FY 2023-2024 and \$478,000 in FY 2024-25 and thereafter, which comprises a 92% share of the average fee impacts of Proposed Amended Regulation III. Within the manufacturing sector the petroleum and coal products manufacturing industry would incur an 84% share of the fee impacts, primarily as a result of the increase in Rule 1180 Community Air Monitoring Annual O&M Fees that will be incurred by facilities in this industry.

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 Table 98: PAR III Fee Impacts by Industry

	NAICS	Fee Impact of PAR III			
Industry		FY 2022-23	FY 2023-24	FY 2024- 2025 and thereafter	Share of Fee Impact
Agriculture, Forestry, Fishing & Hunting	111- 115	\$0	\$0	\$0	0.0%
Mining	21	\$0	\$0	\$0	0.0%
Utilities	22	\$1,652	\$1,652	\$1,652	0.3%
Construction	23	\$4,667	\$4,667	\$4,667	0.9%
Manufacturing	31-33	\$290,524	\$386,524	\$477,524	92.3%
Petroleum and Coal Products Mfg.	324	\$245,000	\$341,000	\$432,000	83.5%
Plastic and Rubber Products Mfg.	326	\$852	\$852	\$852	0.2%
Chemical Manufacturing	325	\$852	\$852	\$852	0.2%
Primary Metal Mfg.	331	\$4,667	\$4,667	\$4,667	0.9%
Fabricated Metal Mfg.	332	\$28,276	\$28,276	\$28,276	5.5%
Computer and Electronic Product Mfg.	334	\$2,807	\$2,807	\$2,807	0.5%
Motor Vehicle & Trans. Equipment Mfg.	336	\$8,070	\$8,070	\$8,070	1.6%
Transportation & Warehousing	48-49	\$2,436	\$2,436	\$2,436	0.5%
Rail Transportation	482	\$812	\$812	\$812	0.2%
Surface and Ground Passenger Trans.	485	\$812	\$812	\$812	0.2%
Support Activities for Trans.	488	\$812	\$812	\$812	0.2%
Wholesale Trade	42	\$3,769	\$3,769	\$3,769	0.7%
Retail Trade	44-45	\$3,500	\$3,500	\$3,500	0.7%
Information	51	\$0	\$0	\$0	0.0%
Finance and Insurance	52	\$0	\$0	\$0	0.0%
Real Estate and Rental Leasing	53	\$13,244	\$13,244	\$13,244	2.6%
Real Estate	531	\$13,244	\$13,244	\$13,244	2.6%
Services	54-81	\$3,288	\$3,288	\$3,288	0.6%
Educational Services	61	\$812	\$812	\$812	0.2%
Health Care & Social Assistance	62	\$1,624	\$1,624	\$1,624	0.3%
Repair and Maintenance	811	\$852	\$852	\$852	0.2%
Public Administration	92	\$7,364	\$7,364	\$7,364	1.4%
Totals		\$330,500	\$426,500	\$517,500	100.0%

VIII. DRAFT FINDINGS UNDER CALIFORNIA HEALTH AND SAFETY CODE

Before adopting, amending or repealing a rule, the South Coast AQMD Governing Board shall make findings of necessity, authority, clarity, consistency, non-duplication, and reference, as defined in H&SC Section 40727, as well as findings of equity under H&SC Section 40510.5(a). The draft findings are as follows:

A. NECESSITY

Based on the analysis provided in Sections II, IV, V, and VI of this report, the South Coast AQMD Governing Board has determined that a need exists to add or increase certain fees in Rules 301 and 306 in order to recover reasonable and actual costs incurred by South Coast AQMD in implementing necessary clean air programs. These fees include new fees in Rule 301 for HEPA or ULPA-equipped spray booths controlling toxics emissions, and increased fees for Rule 1180 Community Air Monitoring Annual O&M Fees. There are also two additional proposals to add new plan types to the list of billable plans in Rule 306, including Rule 1109.1 I-Plans, B-Plans, and B-Caps, and plans required for compliance with 40 CFR 63 Subpart UUU. There is also a proposal to include Rule 463 floating roof tank seal certifications as plans subject to Rule 306 fees. In addition, there is a proposed changed in the fee charged for permit applications when facilities have allowed their Permit to Construct to expire. The final proposal with fee impacts is to remove the fee exemption for Rule 1466 notification updates in Rule 301(x)(2). Finally, the amendments set forth in the no fee impact/administrative change section of this report are necessary to add rule clarity or make necessary administrative changes to Rule 301, Rule 306, and Rule 1480. CPI updates to Regulation III – Fees, including Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314 and 315 are necessary to recover South Coast AQMD's costs as a result of inflation. All fees are necessary to fund the FY 2022-23 Budget.

B. EQUITY

H&SC Section 40510.5(a) requires the South Coast AQMD Governing Board to find that an increased fee will result in an equitable apportionment of fees when increasing fees beyond the CPI. Based on the analysis provided in Section III of this report, the proposed new fees or increases in fee rates in Proposed Amended Rules 301 and 306 are found to be equitably apportioned.

C. AUTHORITY

The South Coast AQMD Governing Board obtains its authority to adopt, amend, or repeal rules and regulations from H&SC Sections 40000, 40001, 40440, 40500, 40501.1, 40502, 40506, 40510, 40510.5, 40512, 40522, 40522.5, 40523, 40702, and 44380, and 40 CFR 63 Subpart UUU, and Clean Air Act section 502(b)(3) [42 U.S.C. §7661(b)(3)].

D. CLARITY

The South Coast AQMD Governing Board has determined that Regulation III – Fees, including Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, 315 and Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants, as proposed to be amended, are

written or displayed so that their meaning can be easily understood by the persons directly affected by them.

E. CONSISTENCY

The South Coast AQMD Governing Board has determined that Regulation III – Fees, including Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, 315, and Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants as proposed to be amended, are in harmony with, and not in conflict with or contradictory to, existing statutes, court decisions, or state or federal regulations.

F. NON-DUPLICATION

The South Coast AQMD Governing Board has determined that Regulation III – Fees, including Rules 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314, 315, and Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants, as proposed to be amended, do not impose the same requirements as any existing state or federal regulation and are necessary and proper to execute the power and duties granted to, and imposed upon, the South Coast AQMD.

G. REFERENCE

The South Coast AQMD Governing Board, in amending these rules, references the following statutes which the South Coast AQMD hereby implements, interprets, or makes specific: H&SC Sections 40500, 40500.1, 40510, 40510.5, 40512, 40522, 40522.5 40523, 41512, and 44380, and 40 CFR 63 Subpart UUU, and Clean Air Act section 502(b)(3) [42 U.S.C.S. 7661 (b)(3)].

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APPENDIX A – RULE 320

(Adopted October 29, 2010)

RULE 320. AUTOMATIC ADJUSTMENT BASED ON CONSUMER PRICE INDEX FOR REGULATION III FEES

(a) Purpose

The purpose of this rule is to automatically adjust most fees established in Regulation III by the California Consumer Price Index each year, unless a rule adopted for a specific year provides otherwise for some or all of those fees.

(b) Applicability

Effective July 1 of each calendar year after October 29, 2010, each fee set forth in Regulation III as of October 29, 2010 shall be automatically adjusted by the change in the California Consumer Price Index for the preceding calendar year, as defined in Health and Safety Code §40500.1(a).

(c) Exceptions

- (1) The provisions of subdivision (b) shall not apply for any fiscal year for which a rule is adopted for a specific fee or fees or for all fees that provides for a different adjustment or no adjustment. In such a case, subdivision (b) shall again apply for the subsequent years.
- (2) The provisions of subdivision (b) shall not apply to any fee which is charged for a dishonored check, which shall be as set forth by statute, nor to Rule 317, which shall instead be automatically adjusted as stated in Rule 317(d)(2).
- (d) This rule shall become inoperative if the voters do not enact Proposition 26 on the November 2, 2010 ballot.

APPENDIX B – RULE 1180 COMMUNITY AIR MONITORING ANNUAL O&M FEE COST TABLES

Table B-1: Rule 1180 3-Year Projection: Salary and Employee Benefits

Position Title	Division	Description	FY 2022-23 Fully Burdened Expenditures*	FY 2023-24 Fully Burdened Expenditures*	FY 2024-25 Fully Burdened Expenditures*
AQ Specialist	STA	Added in FY 2018-19 Budget	\$235,077	\$235,077	\$235,077
Program Supervisor	STA	Added in FY 2018-19 Budget	\$269,587	\$269,587	\$269,587
Sr. AQ Chemist	STA	Added in FY 2018-19 Budget	\$239,200	\$239,200	\$239,200
Sr. AQ Instrument Specialist	STA	Added by the Board on 1/5/2019	\$214,614	\$214,614	\$214,614
AQ Instrument Specialist II	STA	Added by the Board on 1/5/2019	\$202,266	\$202,266	\$202,266
AQ Instrument Specialist II	STA	Added by the Board on 1/5/2019	\$202,266	\$202,266	\$202,266
AQ Instrument Specialist II	STA	Added by the Board on 7/12/2019	\$202,266	\$202,266	\$202,266
AQ Specialist	STA	Added by the Board on 7/12/2019	\$235,077	\$235,077	\$235,077
AQ Specialist	STA	Added by the Board on 7/12/2019	\$235,077	\$235,077	\$235,077
AQ Specialist	STA	Added by the Board on 9/3/2021	\$235,077	\$235,077	\$235,077
AQ Specialist	STA	Added by the Board on 9/3/2021	\$235,077	\$235,077	\$235,077
1/2 Director	STA	FY 2021-22 Budget Addition	\$171,603	\$171,603	\$171,603
Total S&B C	osts		2,677,187	\$2,677,187	\$2,677,187

^{*}Includes salaries, fringe benefits, and indirect costs at Step 5

Table B-2: Rule 1180 3-Year Projection: Services and Supplies

Expenditure Description	Division	FY 2022-23 Expenditures	FY 2023-24 Expenditures	FY 2024-25 Expenditures
Auto-GC operations and QA services	STA	\$60,000	\$66,000	\$72,600
Auto-GC annual consumables	STA	\$150,000	\$165,000	\$181,500
Optical analyzers operation and QA services	STA	\$200,000	\$220,000	\$242,000
Optical analyzers annual consumables	STA	\$50,000	\$55,000	\$60,500
Optical analyzers annual software license	STA	\$50,000	\$55,000	\$60,500
Vendor services for instrument maint/repairs/calibration	STA	\$42,500	\$46,750	\$51,425
Equipment consumables	STA	\$60,000	\$66,000	\$72,600
Laboratory gasses	STA	\$100,000	\$110,000	\$121,000
Small tools, supplies	STA	\$60,000	\$66,000	\$72,600
Communications	STA/IM	\$150,000	\$150,000	\$150,000
Long Beach Office Lease	STA	\$205,000	\$205,000	\$205,000
Station Leases	STA	\$65,000	\$71,500	\$78,650
Rental space for ORS mobile lab	STA	\$4,800	\$5,280	\$5,808
Memberships	STA	\$2,000	\$2,500	\$3,000
Conferences and meetings	STA	\$5,000	\$7,500	10,000
DMS Support contract	STA	\$25,000	\$27,500	\$30,250
Office supplies	STA	\$10,000	\$15,000	\$15,000
Fuel and mileage	STA	\$20,000	\$20,000	\$20,000
	Total	\$1,259,300	\$1,354,030	\$1,452,433

Table B-3: Rule 1180 3-Year Projection: Capital Outlays

Description	Division	FY 2022-23 Expenditures	FY 2023-24 Expenditures	FY 2024-25 Expenditures
LB Office: First floor laboratory furniture; cubicle furniture for modifications in second floor layout	STA	\$40,000	\$20,000	\$20,000
Additional and replacement data loggers for Rule 1180 community sites	STA	\$300,000	\$44,000	\$44,000
Replacement spectrometers for optical analyzers*	STA	\$300,000	\$330,000	\$181,500
High performance computers	STA	\$20,000	\$22,000	\$24,200
Software	STA	\$15,000	\$16,500	\$18,150
Mobile QA verification vehicle#	STA	\$100,000		
Vehicles for staff	STA		\$40,000	
Replacement H2S analyzer^	STA	\$40,000	\$44,000	\$96,800
Replacement BC analyzer*	STA	\$30,000	\$33,000	\$72,600
Replacement Auto-GC*	STA	\$180,000	\$198,000	\$108,900
Replacement HF analyzer	STA	\$75,000		
Monitoring station container#	STA	\$30,000		
Optical analyzers mirror upgrade	STA	\$200,000	\$50,000	
Replacement zero air generators*	STA	\$30,000	\$33,000	\$18,150
Replacement dilution system*	STA	\$50,000	\$55,000	\$30,250
Stations AC replacement#	STA	\$30,000	\$30,000	\$30,000
	Total	\$1,280,000	\$915,500	\$644,550

^{*}Asset replacement cycle: 10 years ^Asset replacement cycle: 5 years

[#]To be purchased from Fund 78 (not included in 3 year projection)

APPENDIX C – SUMMARY OF PROPOSED AMENDED RULES

Rule	Referencing	СРІ	Fee Impacts	No Fee Impacts and/or Administrative Changes
301(b)(20)	Definitions - Identical Equipment			✓
301(b)(26)	Definitions - Relocation			✓
301(c)(1)(A)(iv)	Fees for Permit Processing		✓	
301(c)(1)(I)	Standard Streamlined Permits	✓		
301(c)(3)(A)	Change of Operating Condition, Alteration/Modification/Additi on	√		
301(c)(3)(B)(i)	Change of Operating Condition, Alteration/Modification/Additi on	✓		
301(c)(3)(B)(ii)	Change of Operating Condition, Alteration/Modification/Additi on	✓		
301(c)(3)(C)	Change of Operating Condition, Alteration/Modification/Additi on	✓		
301(d)(2)	Annual Operating Fees	✓		
301(d)(3)(A)	Credit for Solar Energy Equipment	√		
301(e)(4)	Flat Annual Operating Emission Fee	√		
301(e)(6)	Clean Fuel Fee Thresholds			✓
301(e)(9)(A)	Annual Emission Report Standard Evaluation Fee	√		
301(e)(10)	Notice to Pay and Late Filing Surcharge			✓
301(e)(16)	Reporting GHG Emissions and Paying Fees	✓		
301(f)	Certified Permit Copies and Reissued Permits	✓		
301(g)	Reinstating Expired Applications or Permits; Surcharge	√		

Rule	Referencing	СРІ	Fee Impacts	No Fee Impacts and/or Administrative Changes
301(j)(1)(A)	CEQA Document Preparation	✓		
301(j)(1)(B)	CEQA Document Assistance	✓		
301(j)(4)	Payment for Public Notice	✓		
301(j)(5)(B)(i)	Modification of an Existing Certified CEMS, FSMS, or ACEMS	✓		
301(j)(5)(B)(iv)	Modification of an Existing Certified CEMS, FSMS, or ACEMS	*		
301(j)(5)(C)	Modification of CEMS, FSMS, or ACEMS Monitored Equipment	~		
301(j)(5)(D)	Periodic Assessment of an Existing CEMS/FSMS/ACEMS	√		
301(j)(5)(E)	CEMS, FSMS, or ACEMS Change of Ownership	√		
301(j)(6)(A)	Certification of Barbeque Charcoal Lighter Fluid	✓		
301(j)(6)(B)	Repackaging of Certified Barbeque Charcoal Igniter Products	✓		
301(j)(7)	Fees for Inter-basin, Inter- District, or Interpollutant Transfers of ERCs	~		
301(j)(8)	Fees for Grid Search to Identify Hazardous Air Pollutant Emitting Facilities	√		
301(1)(8)	Transaction Registration Fee	✓		
301(l)(9)(D)	Minimum Processing Fee (RECLAIM)	√		
301(1)(10)	Certified Permits Copies (RECLAIM)	√		
301(1)(11)	Reissued Permits (RECLAIM)	✓		
301(1)(12)	Breakdown Emission Report Evaluation Fee (RECLAIM)	√		

Rule	Referencing	СРІ	Fee Impacts	No Fee Impacts and/or Administrative Changes
301(1)(14)	Mitigation of Non-Tradeable Allocation Credits (RECLAIM)	✓		
301(1)(15)	Evaluation Fee to Increase an Annual Allocation (RECLAIM)	~		
301(m)(3)(A)	Permit Processing Fees for Facilities Applying for an Initial Title V Permit (Title V)	√		
301(m)(3)(B)	Permit Processing Fees for Facilities Applying for an Final Title V Permit (Title V)	✓		
301(m)(7)	Public Hearing Fees (Title V)	✓		
301(q)(1)	NESHAP Evaluation Fee	✓		
301(r)	Fees for Certification of Clean Air Solvents	~		
301(s)	Fees for Certification of Consumer Cleaning Products Used at Institutional and Commercial Facilities	~		
301(t)(4)	Duplicate of Facility Registrations	✓		
301(t)(5)	Reissued Facility Registrations	✓		
301(u)(1)	Initial Filing Fee (Rule 222)	✓		
301(u)(2)	Change of Operator/Location (Rule 222)	✓		
301(u)(3)	Annual Renewal Fee (Rule 222)	✓		
301(v)(1)	Fees for Expedited Processing (Permit Processing)	√		
301(v)(2)	Fees for Expedited Processing (CEQA)	✓		
301(v)(3)	CEMS, FSMS, and ACEMS Fee (Expedited Processing)	✓		

Rule	Referencing	СРІ	Fee Impacts	No Fee Impacts and/or Administrative Changes
301(v)(4)	Air Dispersion Modeling and HRA Fees (Expedited Processing)	~		
301(v)(5)	ERC/STC Application Fees (Expedited Processing)	✓		
301(x)	Rule 1149, Rule 1166, and Rule 1466 Notification Fees	~	✓	
301(y)(1)	Initial Certification Fee (Rules 1111,1121 and 1146.2)	√		
301(y)(2)	Additional Fee for Modification or Extension of Families to Include a New Model(s) (Rules 1111,1121 and 1146.2)	√		
301(z)(1)	Reverification and Performance Testing (Rule 461 No Show Fee)	~		
301(z)(2)	Pre-Backfill Inspection (Rule 461 No Show Fee)	✓		
301(aa)	Refinery Related Community Air Monitoring System Annual Operating and Maintenance Fees		√	
301(ac)	Monitoring and Sampling Fees Related to Metal TAC Monitoring Facilities			✓
301 Table (Fee Rate A)	Summary Permit Fee Rates – Permit Processing, Change of Conditions, Alteration/Modification	√		_
301 Table (Fee Rate B)	Summary of ERC Processing Rates	✓		
301 Table (Fee Rate C)	Summary of Permit Fee Rates Change of Operator	✓		
301 Table IA	Permit Fee Rate Schedules for Control Equipment		✓	

Rule	Referencing	СРІ	Fee Impacts	No Fee Impacts and/or Administrative Changes
301 Table IIA	Special Processing Fees – AQ Analysis/HRA	✓		
301 Table IIB	Fee for Public Notice Publication	✓		
301 Table III	Emissions Fees	✓		
301 Table V	Annual Clean Fuels Fees	✓		
301 Table VI	Demolition, Asbestos and Lead Notification Fees	√		
301 Table VII	Summary of RECLAIM and Title V Fees	✓		
303	Hearing Board Fees	✓		
304	Equipment, Materials, and Ambient Air Analyses	✓		
304.1	Analyses Fees	✓		
306(a)	Summary			✓
306(b)	Definitions		✓	
306(c)	Plan Filing Fee	✓		
306(d)	Plan Evaluation Fee	✓		
306(e)	Duplicate Plan Fee	✓		
306(f)	Inspection Fee (Plans)	✓		
306(g)	Change of Condition Fee (Plans)	✓		
306(h)	Annual Review/Renewal Fee		✓	
306(i)(1)	Payment of Fees - Plan Filing or Submittal Fee	✓		
306(1)	Plan Application Cancellation Fee	✓		
306(m)(1)	Protocol/Report Evaluation Fees	✓		
306(r)(1)	Regulation XXVII – Fees for Rule 2701	√		
306(r)(2)	Regulation XXVII – Fees for Rule 2702	√		
306(s)	Preparation of a Rule 1480 Monitoring and Sampling Plan			✓
307.1(d)(2)	Flat Fees	✓		

Rule	Referencing	СРІ	Fee Impacts	No Fee Impacts and/or Administrative Changes
307.1 Table I	Facility Fees by Program Category	✓		
308	On – Road Motor Vehicle Mitigation Options	✓		
309	Fees For Regulation XVI and Regulation XXV	✓		
311	Air Quality Investment Program (AQIP) Fees	✓		
313	Authority to Adjust Fees and Due Dates	✓		
314	Fees For Architectural Coatings	✓		
315	Fees For Training Classes and License Renewals	✓		
1480(c)	Definitions			✓
1480(e)	Monitoring and Sampling Plans			✓
1480(g)	Alternative Monitoring and Sampling			✓
1480 Appendix 1*	South Coast AQMD Monitoring and Sampling Fees			✓
1480 Appendix 2	Methodology for Calculating Benchmark Concentration			✓

APPENDIX D – RESPONSE TO PUBLIC COMMENTS

Comment No. 1 – Regulatory Flexibility Group

From: MICHAEL CARROLL

Sent: Wednesday, March 9, 2022 11:53 AM

To: Shah Dabirian; Ryan Finseth; Elaine Shen; Sarah Rees; Michael Krause; Barbara Baird

Subject: Cost Recovery for Major Incident Response

Hello, all.

I am writing on behalf of the Regulatory Flexibility Group (RFG) regarding staff's proposal to build a mechanism into the Rule 304 series related to cost recovery for major incident response. At this time, RFG does not oppose this concept, but we believe that there are many potentially complicated issues that have not been addressed and cannot be addressed within the timeframe remaining before the May Governing Board meeting. We are therefore requesting that this proposal be bifurcated from the other proposed amendments to Regulation III and that a Working Group be established to more fully evaluate and develop this concept for consideration by the Board at a later date.

Please let me know whether or not staff is receptive to this proposal.

Regards, Mike

Michael J. Carroll

Response to Comment 1-1

The proposed amendments to the Rule 304 Series related to cost recovery for major incident response have been bifurcated from the other proposed amendments to Regulation III. Staff anticipates holding working group(s) in the near future focused specifically on the Rule 304 Series amendments.

1-1

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Comment No. 2 - California Council for Environmental and Economic Balance

From: Janet Whittick

Sent: Monday, March 21, 2022 10:01 AM

To: Ryan Finseth; Elaine Shen

Cc: Bill Quinn

Subject: Fwd: *Meeting Materials Available* Public Consultation Meeting - Proposed

Amended Regulation III - Fees, Proposed Amended Rule (PAR) 1480 - Ambient Monitoring and

Sampling of Metal Toxic Air Contaminants

Hello Ryan and Elaine,

First, we appreciate that the proposed new fee for large incident response has been put on a separate track. CCEEB is interested in working with the District and other stakeholders on defining what event triggers will be included, as well as how to assess an equitable fee base to recover District costs.

On the proposed fee increases for Rule 1180/Rule 301, the slides suggest that the District has already done a program assessment, as per Section (j)(6) in Rule 1180. Is there any written report or further detail from the monitoring assessment, especially in regards to assessing "adequate coverage" of existing monitoring, rationale for equipment upgrades, and the degree to which costs for community monitoring unrelated to the refineries are being covered by other District sources? CCEEB members were curious to have more background, having been unaware that the assessment occurred last December. Thanks for any additional info you can provide.

2-1

Kind regards,

Janet

Janet Whittick CCEEB

Response to Comment 2-1

A reassessment of fees was conducted per Rule 301(aa)(4), which is different than the Rule 1180(j)(6) monitoring assessment conducted every five years. The fee reassessment consists of a financial/budgetary analysis based on the current, ongoing monitoring coverage with existing stations/equipment. All relevant details of the analysis can be found in the Draft Staff Report.

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Comment No. 3 - California Council for Environmental and Economic Balance

From: Janet Whittick

Sent: Monday, March 21, 2022 3:48 PM

To: Elaine Shen

Cc: Ryan Finseth; Bill Quinn

Subject: Re: *Meeting Materials Available* Public Consultation Meeting - Proposed Amended

Regulation III - Fees, Proposed Amended Rule (PAR) 1480 - Ambient Monitoring and Sampling of Metal

Toxic Air Contaminants

Thank you, Elaine. That is an important and helpful clarification.

Unfortunately, I think there will be some concern among our members that the Rule 301 assessment assumes rising costs for equipment, operations and maintenance but without having first done the 1180 assessment, especially given that the program has a current surplus.

3-1

We'll listen closely tomorrow and will continue to seek input from our members.

Best,

Janet

Response to Comment 3-1

Rule 1180(j)(6) states:

No later than January 1, 2025 and every five years thereafter, the Executive Officer shall conduct a refinery-related community air monitoring assessment to evaluate adequate coverage and/or need for equipment upgrades.

And Rule 301(aa)(4) states:

No later than January 1, 2022 and every three years thereafter, the Executive Officer shall reassess the annual operating and maintenance fee required by this subdivision to ensure that the fee is consistent with the requirements of the California Health and Safety Code Section 42705.6 (f)(1) and (f)(2).

See Response to Comment 4-1 below regarding a potential evaluation by staff to explore aligning these two Rule 1180 reassessments in the future years.

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Comment No. 4 - California Council for Environmental and Economic Balance

From: Janet Whittick

Sent: Thursday, March 24, 2022 8:20 AM

To: Elaine Shen

Cc: Ryan Finseth; Bill Quinn

Subject: Re: *Meeting Materials Available* Public Consultation Meeting - Proposed Amended Regulation III - Fees, Proposed Amended Rule (PAR) 1480 - Ambient Monitoring and Sampling

of Metal Toxic Air Contaminants

Thanks, Elaine. I went back and looked at the Rule 301 language (thanks for the citation) and saw that it does require a fee assessment every three years. We will point this out to the members. One thought for the future would be to align the tech review with the budget review so that they are on the same schedule and coordinated. Under 1180, the District seems to have the discretion to do this as a policy decision without any amendments to the rule.

4-1

Thank you both for the presentation and discussion at the workshop.

Kind regards,

Janet

Response to Comment 4-1

The next scheduled Rule 1180 O&M fee reassessment will coincide with the first reassessment of the Rule 1180 community monitoring network under Rule 1180(j)(6) (both to be conducted on or before January 1, 2025). Staff is open to evaluating the feasibility and any potential benefits of aligning these two reassessments in subsequent years but no later than 2027 (before the third triennial Rule 1180 O&M fee reassessment is scheduled to be conducted on or before January 1, 2028).

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Comment No. 5 – Western States Petroleum Association

From: Ramine Cromartie

Sent: Thursday, March 31, 2022 1:28 PM

To: Elaine Shen; Ian MacMillan; Jason Low; Andrea Polidori; Olga Pikelnaya; Patty Senecal; Z-Scott

Weaver; Z-Yasmine Stutz

Cc: Rachel Ballon; Laurie Diton; Kimberly De Leon; Danielle Escontrias; Ryan Finseth

Subject: RE: External: R1180 Fees Discussion w/WSPA

Hello Elaine,

Looking forward to connecting with the team tomorrow; appreciate your flexibility with getting us on the calendar so quickly.

Wanted to provide a list of questions that we hope to discuss with you tomorrow.

Questions to Rule 1180 Fee Re-assessment

- 1. Would you mind walking us through the assumptions for the forecasted expenditures?
 - a. For staffing, have all the 12 positions in the budget been filled? What is the basis for the staffing estimate? What are the contractual obligations for Staff? Are any of the projected funds already committed?
 - b. The projection has assumed a very large increase in capital outlays for new equipment in years 3-5. For the capital outlays, do you forecast additional sites that will need to be established? If not, can you please elaborate on where this spend is expected to go?
 - c. Why is SCAQMD anticipating capital outlays of equipment with replacement cycles of 5-10 years, when we are only a few years into the program? We would expect longer lifespans for these types of monitoring systems.
- 2. Is there any flexibility in the timing for each of the annual rate increases? As of now, there is a 20% increase planned for 2022-2023 vs. 2021-2022 actual, followed by a 14% increase planned for 2023-2024 vs. 2021-2022 actual, then a 10% increase planned for 2024-2025 vs. 2021-2022 actual. See table below taken from consolidated the data received from the Ramboll by the SCAQMD in its response to their Public Records Request. Some facilities have already set their 2022 budget and accounting for this increase so soon can be a substantial impact for some.

Consolidation of Cost Data Provided by SCAQMD, in Response to Ramboll's Public Records Request

Year	Salary and Employment	Services and Supplies	Capital outlays	Total
2020-2021	\$3,354,770	\$1,000,660		\$4,355,430
2021-2022	\$3,354,770	\$1,000,660		\$4,355,430
2022-2023	\$2,677,187	\$1,259,300	\$1,280,000	\$5,216,487
2023-2024	\$2,677,187	\$1,354,030	\$915,500	\$4,946,717
2024-2025	\$2,677,187	\$1,452,433	\$644,550	\$4,774,170

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5-1

5-2

Ramine Cromartie

Response to Comment 5-1

All positions have been filled except one Air Quality Specialist position that is still vacant (the recruitment process is underway). Staffing estimate was based on the number and type of air monitoring instruments to be operated and maintained, the data quality assurance, validation and analysis to be conducted, and other specific needs related to the full implementation and operational needs of the Rule 1180 program. Existing and projected funds based on the Rule 1180 O&M fee revenue will be fully utilized to operate and maintain this community network.

In terms of capital outlays, staff does not foresee any additional sites to be added to the current community network in the immediate future. A thorough reassessment will be conducted no later than January 1, 2025, pursuant to Rule 1180(j)(6). As shown in Table 4 of the Final Staff Report, in addition to recovering program staff's salary and benefits and ongoing expenditures associated with running the ten (10) air monitoring stations that are part of the Rule 1180 community air monitoring network, the increased fees are necessary to help recover costs of replacement parts for nearly 80 continuous air monitoring instruments, replacement of monitoring equipment, and to address increasing O&M costs due to heightened inflation. All of the above are necessary for compliance with H&SC Sections 42705.6(f)(1) and (f)(2).

Rule 1180 O&M fee calculations during the 2018 rule development inadvertently did not account for the projected instrument replacement costs. Staff estimated 10 years equipment replacement cycle for the majority of community air monitoring and supporting instrumentation, which is a conservative projection, based on the experience with Rule 1180 community air monitoring so far, technical specification of the equipment being used, vendor feedback, etc. The exception is for H2S/SO2 multi-pollutant analyzers, where a 5-year replacement cycle has been projected, based on the experience from the first two years of operation of these instruments at 10 community air monitoring sites.

Response to Comment 5-2

Staff is open to entertain an alternate fee increase phase-in. If an alternate schedule is proposed by WSPA, staff will evaluate its feasibility and its potential to achieve cost recovery for Rule 1180 program implementation.

Response to Comment 5-3

We implement budgetary and financial controls to manage Rule 1180 program budget, similarly to any other air monitoring program implemented by South Coast AQMD. All purchases for the program are subject to supervisor/management/finance/Board review and approvals, as per South Coast AQMD procurement policy.

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Response to Comment 5-4

The budgeted staffing level is imperative to maintain the appropriate data quality and real-time data availability and public notification, as required by Rule 1180.

Response to Comment 5-5

Staff assessed Rule 1180 program needs based on the experience gained from the first two years of implementation. The top priorities for this program are to guarantee the highest possible level of data recovery/completeness, and to assure the highest possible quality for the collected data. These goals are critical, considering that Rule 1180 requires the South Coast AQMD to provide air monitoring data in near real-time and to issue air quality notifications to the public based on this data.

Comment No. 6 - California Council for Environmental and Economic Balance

From: Janet Whittick

Subject: Question about Budget and Rule 301 Staff Report

Date: April 8, 2022 at 1:20:14 PM PDT

To: Elaine Shen

Hi Elaine,

I hope you can help me understand the differences between the Rule 310 staff report and draft budget as they relate to the Science & Tech Advancement Division and Rue 1180 O&M costs. Specifically:

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Budget shows capital outlays for <u>all</u> of STA in FYE 2023 are $513,000 (p.188) but Appendix B, Table B-3 says $1.28 million for Rule 1180 alone. Are the additional 1180 capital outlays shown in the budget under a different division?

Budget shows Professional & Special Services for all of STA is $1.7 million. Appendix B says that Rule 1180 is $1.259 million, or about 74% of the total. This may be correct but want to confirm.

Budget shows $2,677,187 for staff in FYE 2023 for 11.90 FTEs, which is a decrease from the 13 FTEs allocated in the current fiscal year. What is the total cost for this fiscal year for the 13 FTEs?
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I think the big one is the first question about capital outlays. Any background you can share would be most appreciated. Thank you so much.

Janet Whittick
CCEEB

Response to Comment 6-1

Projected increased expenditures in Appendix B have not been incorporated into the FY 2022-23 Draft Budget. South Coast AQMD is required to propose a balanced budget, and the projected Rule 1180 program expenditures cannot be fully paid for at the existing level of fee revenue. If the South Coast AQMD Governing Board adopts the Draft Budget and the proposed amendments to update the Rule 1180 Annual O&M fees, staff will subsequently request the Governing Board's approval to add appropriations to the budget to pay for any additional expenditures that are not included in the adopted budget.

Response to Comment 6-2

See Response to Comment 6-1. Please also note that the \$1.259 million shown in Appendix B-2 includes projected expenditures in all Services & Supplies accounts, with one of them being the Professional & Special Services account.

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Response to Comment 6-3

Appendix B reports the fully burdened cost of salary and employee benefits for FY 2022-23 at \$2.677 million at the projected staffing level, and if this were for 13 FTEs, the fully burdened cost would have been higher at \$3.026 million. The fully burdened costs include Operational Support. In comparison, the costs reported in the Draft Budget are not fully burdened, and it reports Operational Support separately in the Work Program section.

Comment No. 7 - California Council for Environmental and Economic Balance

From: Janet Whittick

Sent: Friday, April 8, 2022 1:37 PM

To: Ryan Finseth **Cc:** Bill Quinn

Subject: Re: Question about Budget and Rule 301 Staff Report

Sorry, one more detail point. For Pro & Special Services, the budget shows \$250,000 for Rule 1180. How was the \$1.28 million calculated for Appendix B? Is the \$1m discrepancy the \$1m shown below for "Tech Assistance" and, if so, why has the entire sum been assigned to Rule 1180? Thanks!

	Sun-total regist	ative, rubiic Alialis & Ivieula Office	\$1,103,03I
Science & Technology Advancement	Ensure Compliance	Laboratory Analytical Services	\$15,000
	Ensure Compliance	Rule 1180	250,000
	Ensure Compliance	Source Testing Services	30,000
	Advanced Clean Air Technology	Technical Assistance, Expert Consultation, Outreach/Education – Clean Fuels	1,000,000
	Advanced Clean Air Technology	Technical Assistance, Expert Consultation, Outreach/Education – CMP, AB923	300,000
	Develop Programs	Technical Assistance, Expert Consultation, Outreach/Education – Prop 1B	75,000
	Ensure Compliance	Technical Support for Air Monitoring and Community Complaint Resolution	35,000
	Sub-total Scientification	ence & Technology Advancement	\$1,705,000
Engineering 0	Operational Support	Warkspace Reconfiguration	¢2 EAA

Response to Comment 7-1

See Response to Comment 6-1. Moreover, the \$1.28 million in Appendix B represents the projected capital outlays, not Services and Supplies, and it is based on the needs of the Rule 1180 Program implementation as determined by the South Coast AQMD staff during the fee reassessment analysis. Regarding the \$250,000 included in the FY 2022-23 Draft Budget, it is an existing Professional and Special Services item that can continue to be funded by the Rule 1180 program revenue at the existing fee rates. The item of \$1 million is associated with the Clean Fuels program and not related at all to the Rule 1180 program implementation.

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- 7-1

8-1

8-2

Comment No. 8 - California Council for Environmental and Economic Balance

April 15, 2022

Chair Ben Benoit
Members of the Governing Board
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765
Submitted electronically to clerkofboard@aqmd.gov

RE: Comments on the Draft Fiscal Year 2022-2023 Budget and Proposed Amendments to Regulation III: Fees

Dear Chair Benoit and Members of the Governing Board,

On behalf of the members of the California Council for Environmental and Economic Balance (CCEEB), we are pleased to submit comments on the Draft Fiscal Year 2022-2023 Budget ("draft budget") and proposed amendments to Regulation III: Fees. CCEEB members operate many permitted facilities in the South Coast, some of which are among the largest fee payers at the District. Additionally, CCEEB members are beneficiaries of services from many of the District's fee-based regulatory programs, and have a direct interest in fee and budgetary matters. CCEEB appreciates the robust public process used by District staff to engage with stakeholders on its budget and fee proposals, including meetings of the Budget Advisory Committee, in which CCEEB participates as a member.

Our comments on the FY 2022-2023 Budget are as follows:

- The SCAQMD budget document continues to be an outstanding resource for the
 Governing Board and public stakeholders. It provides clear, transparent details about
 how the District aligns its mission and operational priorities with a balanced budget. We
 commend staff for its work, and hope that the Government Finance Officers Association
 of the United States and Canada again recognizes the excellent work of District staff and
 Chief Financial Officer Jain this year.
- Staff and Vacancy Rate: CCEEB is encouraged by the resumption of hiring at the District, and supports efforts to reduce the vacancy rate to 11 percent. However, we note that staffing levels for the Engineering & Permitting Division are not being increased for FYE 2023. We also note and support the inclusion of Priority Objective No. 6 under Goal I, which seeks to maintain progress in reducing the permit application inventory, and Priority Objective No. 4 under Goal III, which commits to conducting two meetings of the Permit Streamlining Task Force. Our interest here is in ensuring that the Engineering & Permitting Division has the staff resources it needs to support not just the timely

processing of permits, but also consistency and transparency in terms of permit conditions. Some of these efforts were delayed in 2021, e.g., work on the Permit Processing Handbook and efforts to standardize certain permit conditions, in order to allow senior staff and management to focus on hiring and training. In general, CCEEB believes that qualitative improvements to permitting are as important as quantitative ones, which tend to be the ones measured and tracked.

8-2

8-3

Additionally, our comments on the proposed Regulation III amendments are as follows:

- Bifurcation of Major Incident Fee: CCEEB appreciates moving this new fee proposal to a separate but parallel track, as we believe it will help the District focus discussions with stakeholders. Many of the initial concepts need to be further defined and developed; bifurcation helps ensure consideration of stakeholder input will not be hurried in order to meet budget adoption deadlines. CCEEB is committed to working with staff and the Governing Board on this rulemaking so that it moves as expeditiously as possible, and results in fair and practical requirements for what we hope will be rare events.
- Rule 1180, Community Air Monitoring Operation and Maintenance (O&M) Fees: Rule 1180 requires the District to conduct a refinery-related community monitoring assessment every five years, starting no later than January 1, 2025. This assessment is meant to evaluate whether District-operated monitoring is providing adequate coverage and/or whether there is a need for equipment upgrades. Separately, Rule 301 (aa)(4) requires staff to assess Rule 1180 O&M fees every three years, starting January 1, 2022. CCEEB finds it unfortunate that these two assessments are out of sync for this budget cycle, but appreciates the detail provided in Appendix B of the Regulation III staff report.
- Rule 301, Restructure Toxics Fees: CCEEB supports staff's proposal of no change to toxic air contaminant (TAC) fees at this time, but recognizes that a major reassessment will be needed to true-up revenue with expenditures in 2024 after the District has better information from its changes to TAC emissions reporting. While emissions from facilities that already report TACs has led to a shortfall in actual revenue in recent years, CCEEB believes significant new revenue will soon be collected due to (1) an expanded list of compounds that must be reported under California Air Resources Board (CARB) requirements, and (2) a larger universe of facilities that are being brought into the TAC reporting rules, which in turn greatly expands the number of facilities that will need to pay toxics fees.
- Rule 320, Annual CPI-Based Fee Increase: CCEEB continues to support the automatic CPI adjustment as it helps even out fee increases year-by-year and is a transparent mechanism to keep fee revenue apace with inflation.

Thank you for allowing us to comment. CCEEB continues to be a strong supporter of the process used by staff to develop the annual budget. Should you have questions or wish to follow-up, please contact Bill Quinn at CCEEB at

Sincerely,

cc: Wayne Nastri, Executive Officer, SCAQMD

Bil Jeenn

Susan Nakamura, Chief Operating Officer, SCAQMD

Sujata Jain, Chief Financial Officer, SCAQMD

Elaine Shen, Planning & Rules Manager, SCAQMD

Shah Dabirian, Program Supervisor, SCAQMD

Ryan Finseth, Air Quality Specialist, SCAQMD

Members of the CCEEB South Coast Air Project

Response to Comment 8-1

Staff appreciates the encouraging comment.

Response to Comment 8-2

Staff agrees with the importance in maintaining the permit application inventory, as well as maintaining consistent and transparent permit processing. Even though the number of budgeted positions in the Engineering and Permitting (E&P) Division remains unchanged from the previous fiscal year, South Coast AQMD is making every effort in filling the positions vacated by a significant number of retirees and providing training for newly hired and promoted employees in each and every division, including E&P. Ongoing effort is also being made to assess any changes in staffing needs so that potential changes may be considered during the mid-year budget adjustment process.

Response to Comment 8-3

Staff looks forward to collaborating with all stakeholders on potential amendments to the Rule 304 series aimed at cost recovery for major incident response. Staff currently anticipates bringing the proposed amendments to the South Coast AQMD Governing Board in the second half of 2022.

Response to Comment 8-4

See Response to Comment 4-1.

Response to Comment 8-5

Staff looks forward to working with CCEEB on any future refinements to the existing TAC Fee structure to ensure adequate cost recovery of toxics related work conducted by South Coast AQMD.

Response to Comment 8-6

Staff appreciates the feedback regarding the annual CPI adjustment pursuant to Rule 320. The annual inflation-based fee adjustments are necessary to account for the increasing cost of South Coast AQMD operations.

ATTACHMENT I

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Final Socioeconomic Report for Adjustment Based on Consumer Price Index for Regulation III – Fees

May 2022

Executive Officer

Wayne Nastri

Deputy Executive Officer Planning, Rule Development and ImplementationSarah L. Rees, Ph.D.

Assistant Deputy Executive Officer Planning, Rule Development and Implementation Ian MacMillan

Planning and Rules Manager Planning, Rule Development and Implementation I. Elaine Shen, Ph.D.

Author: Paul Stroik, Ph.D., Air Quality Specialist

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Rezvan Ramezani, Systems & Programming Supervisor

John Tu, Systems Analyst

Contributor: John Kampa, Financial Services Manager

Reviewed By: Shah Dabirian, Ph.D., Program Supervisor

Sheri Hanizavareh, Senior Deputy District Counsel

ATTACHMENT I

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT GOVERNING BOARD

Chair: BEN J. BENOIT

Mayor, Wildomar

Cities of Riverside County

Vice Chair: VANESSA DELGADO

Senate Rules Committee Appointee

MEMBERS:

MICHAEL A. CACCIOTTI

Mayor, South Pasadena

Cities of Los Angeles County/Eastern Region

ANDREW DO

Supervisor, First District

County of Orange

GIDEON KRACOV

Governor's Appointee

SHEILA KUEHL

Supervisor, Third District

County of Los Angeles

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Cities of San Bernardino County

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Speaker of the Assembly Appointee

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Supervisor, Fourth District

County of Riverside

NITHYA RAMAN

Council Member, Fourth District

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CARLOS RODRIGUEZ

Mayor, Yorba Linda

Cities of Orange County

JANICE RUTHERFORD

Supervisor, Second District

County of San Bernardino

EXECUTIVE OFFICER:

WAYNE NASTRI

EXECUTIVE SUMMARY

Pursuant to Rule 320 and South Coast Air Quality Management District's (South Coast AQMD) statutory fee authority (See e.g., California Health & Safety Code § 40510), most fees within Regulation III will be increased by 6.5 percent, consistent with the change in the California Consumer Price Index (CPI) from December 2020 to December 2021, unless the Governing Board decides to forego the increase. The October 29, 2010 South Coast AQMD Governing Board Resolution requires an assessment of the increase in fee rates based on the previous year's CPI by March 15 of every year. A socioeconomic analysis was conducted to assess the impacts of such adjustment.

The analysis provides background information, historical revenue trends, sectoral distributions, and estimated increased fee revenue from the CPI adjustment of South Coast AQMD fees. This report considers a 6.5 percent increase in CPI applying to the fees reported collected in fiscal year (FY) 2020-2021 and calendar year 2021. A summary of the analysis and findings is presented below.

Fee	Pursuant to Rule 320, a 6.5-percent increase of most fee rates (equivalent
Increases	•
increases	to the change in California CPI from December 2020 to December 2021)
	will be applied effective July 1, 2022. Increases made pursuant to Rule
	320 are automatic unless the Governing Board decides to forego them.
Affected	Nearly all facilities regulated by South Coast AQMD, covering most
Facilities	economic sectors, would be affected by the proposed fee increases.
Approach	The analysis examines the impact of existing Regulation III fees on
and	various industries. The fees examined include emissions fees, permit
Findings	processing fees, annual permit renewal fees, asbestos fees, architectural
	coatings fees, source testing fees, toxic hot spot fees, and a portion of fees
	under Rule 2202 – On-Road Motor Vehicle Mitigation Options.
	Current fee rates and the most recent equipment and activity profiles of
	individual facilities were used to generate facility-level fee estimates.
	These estimates were aggregated to the industry level. The manufacturing
	sector is the largest contributor to South Coast AQMD's emission fees (72
	percent), permit processing fees (37 percent), and annual permit renewal
	fees (41 percent). Overall, the costs of complying with current Regulation
	III rates are small relative to region-wide industry output or value-added
	(less than 0.01 percent).
Impact of	Based on fee categories examined in this analysis and last year's activity
Fee	levels, the CPI-based fee-rate increase of 6.5 percent is projected to bring
Increase	additional revenue totaling \$6.44 million to South Coast AQMD. The
	manufacturing sector would incur the largest increase in fees
	(approximately \$2.62 million for about 3,400 facilities), followed by the
	services sector (approximately \$1.14 million for about 9,800 facilities) and
	the retail trade sector (approximately \$0.92 million for about 4,200
	facilities). Within the manufacturing sector, the petroleum and coal
	products manufacturing industry, mostly comprised of refineries, would
	experience an increase of approximately \$1.10 million.
	1 or approximately \$1.10 million

INTRODUCTION

The South Coast AQMD General Fund consists of revenues from many sources. The majority of South Coast AQMD revenues are derived from emission fees, annual renewal fees, permit processing fees, asbestos fees, architectural coatings fees, and a portion of vehicle registration fees collected by the state (mobile sources/clean fuels). Other sources of revenues include Hearing Board fees, source test/analysis fees, transportation program (Rule 2202) fees, reimbursement for work associated with the AB 2588 program (toxic hot spot program), civil penalties/settlements, and other revenues.

Pursuant to Rule 320, most fees within Regulation III will be increased by 6.5 percent, consistent with the change in the California Consumer Price Index (CPI) from December 2020 to December 2021. This increase is being sought under the District's statutory fee authority (See e.g., California Health & Safety Code § 40510.) In addition, District Rule 320 authorizes an automatic fee increase, consistent with the CPI, unless the Governing Board decides to forego the increase. The annual increase in fee rates for the past five fiscal years (FY) and the upcoming FY are as follows: 2.5 percent in 2017-2018, 3.4 percent in 2018-2019, 3.5 percent in 2019-2020, 2.8 percent in 2020-2021, 1.7 percent in 2021-2022, and 6.5 percent in 2022-2023.

To examine the impact of a fee rate increase on various industries, this report focuses on emission fees, permit processing fees, annual permit renewal fees, toxic hot spot fees, source test fees, asbestos fees, architectural coatings fees, and a portion of Rule 2202 fees.³ Other fees subject to the automatic CPI increase are area source fees and Hearing Board fees, which account for a relatively small portion of South Coast AQMD total annual revenue.

The South Coast AQMD is required to undertake socioeconomic analyses for proposed rules and rule amendments which "...will significantly affect air quality or emissions limitations..." Although the proposed CPI-based fee adjustment does not impact air quality, the South Coast AQMD Governing Board directed staff to prepare a socioeconomic analysis of the impacts of an automatic adjustment in a given year.

REVENUE TREND

Table 1 lists historical revenue for two prior FYs, estimated revenue for the current FY 2021-2022, and projected revenue for FY 2022-2023 by major fee category. Estimated revenue for FY 2021-2022 is based on actual revenue received through February 2022. FY 2022-2023 projected revenue is based on forecasts estimated by various South Coast

¹ A fiscal year runs from July 1 to June 30. For example, FY 2020-2021 refers to July 1, 2020 to June 30, 2021. In comparison, calendar year 2020 refers to January 1 to December 31, 2020.

² Due to concerns regarding the global and financial impacts of the COVID-19 pandemic, the Board voted on May 1, 2020, for a one-time credit to fee payers encompassing the 2.8 percent increase in CPI for FY 2020-2021. Therefore, the Rule 320 report distributed March 15, 2021 considered a 4.5 percent increase in CPI, which included the 2.8 and 1.7 percent increases for FY 2020-2021 and 2021-2022 respectively.

³ All Rule 2202 fees are subject to annual CPI adjustment except for Air Quality Investment Program (AQIP) fees (Rule 311 (c)) and service charges for returned checks (Rule 308 (i)). AQIP fees are administered into a restricted fund and not in the South Coast AQMD general fund.

⁴ California Health and Safety Code Section 40440.8(a).

AQMD operational units. Emission fees, permit processing fees, and annual permit renewal fees together represent approximately 57 percent of South Coast AQMD's estimated total FY 2021-2022 revenues.

Compared to the estimated revenue in FY 2021-2022, a net total revenue increase of \$10.7 million is projected for FY 2022-2023. This increase reflects the impact of the CPI-based fee rate increase and changes in state funding. The increase also reflects forecasted changes in activity levels including increased source testing activities in compliance with Rule 1109.1 and anticipated increases in overall reported emissions due to economic recovery and changes in statewide emissions reporting requirements. The estimated revenue impact due to the CPI increase is estimated separately in Table 7.

FY 2019-20 FY 2020-21 FY 2021-22 FY 2022-23 **Revenue Category Changes in Revenue** Actual Actual Estimated **Projected** (from FY 2021-22 (Thousands) (Thousands) (Thousands) (Thousands) Estimated to FY 2022-23 Projected) Thousands Emissions Fees \$20,781 \$20,216 \$19,229 \$21,275 \$2,047 10.6% Annual Renewal Fees (w/o PERP) \$59,035 \$63,042 \$65,536 \$68,855 \$3,318 5.1% Permit Processing Fees \$19,667 \$16,676 \$17,761 \$17,282 -\$479 -2.7% Mobile Sources/Clean Fuels \$26,843 \$26,201 \$28,797 \$32,891 \$4,093 14.2% Sources Test & Lab Analysis \$428 \$266 \$175 \$450 \$275 157.1% \$358 \$274 \$294 \$284 -\$9 -3.2% Hearing Board Fees Transportation Program (Rule 2202) Fees \$1,070 \$705 \$896 \$955 \$58 6.5% \$60,688 \$50,550 \$45,737 \$47,172 \$1,435 3.1% Other Revenue \$188,869 \$177,929 6.0% Total \$178,425 \$189,163 \$10,738

Table 1: Actual and Estimated South Coast AQMD Revenue

(Note: Numbers may not sum up due to rounding.)

HISTORICAL REVENUE ANALYSIS

The following sub-sections examine the distribution of revenues from various fee categories among key industries for either FY 2020-2021 or calendar year (CY) 2021 as described below. This analysis used the most recent invoiced amounts at the current fee rates to arrive at an estimated picture of the current fee revenue by industry. Thus, the figures below may differ from Table 1 as data sources may reflect different time periods.

^{*} Information as reported in the Comprehensive Annual Financial Reports (FYs 2019-20 & 2020-21).

^{**} Estimates are based on actual revenue received through February 2022.

^{***} Other Revenues include: CARB subvention fund program; state and federal grants; interest; lease income; penalties/settlements; subscriptions; AB 2588 reimbursement; miscellaneous revenues; CARB Portable Equipment Registration Program (PERP); area sources; and transfers in (from special revenue funds).

Annual Operating Emissions Fees

For FY 2021-2022, emission fees account for approximately 11 percent of South Coast AQMD's estimated total revenue (Table 1). In May 2001, a flat annual operating emission fee was introduced for all facilities with at least one operating permit (Rule 301 (e)(4)).⁵ The flat annual operating emission fee implemented recommendations by the California State Auditor in 1998, the Revenue Committee established by the Executive Officer in 2000, and the independent consultant for the Fee Structure Study—Thompson, Cobb, Bazilio & Associates (March 1999).

Table 2 shows the estimated revenue collected or to be collected from around 21,000 facilities for flat annual operating emission fees (\$2.83 million) and other annual operating emission fees from around 690 facilities (\$15.80 million).⁶ The latter category of fees contributed approximately 85 percent of total emission fees collected.⁷ These emissions include permitted and non-permitted emissions of nitrogen oxides, sulfur oxides, volatile organic compounds, particulate matter, carbon monoxide, specific organic gasses, and toxic air contaminants for facilities required to report actual emissions each year.⁸

The service sector (NAICS 54-81) contributed the highest share of the flat annual operating emission fee, contributing \$0.90 million, or 32 percent, of the total amount across around 6,600 facilities. It is followed by the retail trade sector (NAICS 44-45), with \$0.50 million paid by about 3,650 facilities.

In comparison, other annual operating emission fees were mostly collected from larger businesses within certain industries. Of the approximately 690 facilities subject to annual operating emission fees, 42 percent were manufacturers (NAICS 31-33), which contributed \$11.35 million, or 72 percent, of these fees invoiced in 2021. The petroleum and coal industry (NAICS 324) contributed \$9.16 million to other annual operating emission fees, accounting for 81 percent from the manufacturing sector and 58 percent of total emissions-based fees.

Permit Processing and Annual Permit Renewal Fees

Permit processing and annual permit renewal fees by industry are shown in Table 3. Applicants for permits to construct/operate equipment listed in Rule 301 pay a permit processing fee which varies by equipment type and size. Permit fees also include other charges based on additional time and materials billed for South Coast AQMD staff time (if specified by the applicable rule), and other fees as required (modeling, Title V fees, CEQA analysis fees, etc.). The fee, except for time and material fees, is paid at the beginning of the permit application process. Differences between permit processing fee amounts in

⁸ Toxic air contaminants are listed in Table IV of Rule 301.

⁵ Excluding equipment in Rule 222—Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II.

⁶ Other annual operating emission fees include non-RECLAIM emission fees (Rule 301 (e)(2)), RECLAIM emission fees (Rule 301(l)(9)), toxic air contaminant fees (Rule 301 (e)(7)), and clean fuels fees (Rule 301 (e)(6)).

⁷ Emission-based fees were derived from calendar year 2021 invoices, or the amount a facility should have paid in calendar year 2021 based on existing applicable Rule 301 fee rates.

Table 1 and Table 3 reflect application fees being collected at time of application, however, they are recognized as revenues when a majority of permit work is complete.

Table 2: Estimated Emission Fee Revenue by Industry (MM\$)

Table 2: Estimated Emission Fee Revenue by Industry (MM\$)											
Industry	NAICS	Flat Fee ¹			Emission-based Fees ²			Total			
		MM\$	%	# of Fac. ³	MM\$	%	# of Fac.	MM\$	%		
Agriculture, Forestry, Fishing & Hunting	11	\$0.01	0.43%	90	\$0.12	0.78%	17	\$0.14	0.72%		
Mining	21	\$0.02	0.79%	163	\$0.52	3.29%	52	\$0.54	2.91%		
Oil and Gas Extraction	211	\$0.01	0.38%	79	\$0.25	1.55%	29	\$0.26	1.37%		
Mining (except oil and gas)	212-213	\$0.01	0.41%	84	\$0.27	1.74%	23	\$0.29	1.54%		
Construction	23	\$0.10	3.44%	715	\$0.05	0.31%	9	\$0.15	0.79%		
Manufacturing	31-33	\$0.41	14.36%	2,975	\$11.35	71.72%	291	\$11.75	63.03%		
Food Manufacturing	311	\$0.02	0.88%	183	\$0.19	1.19%	22	\$0.21	1.14%		
Wood Products Manufacturing	321	\$0.01	0.27%	56	\$0.01	0.04%	2	\$0.01	0.07%		
Petroleum and Coal Products Mfg.	324	\$0.02	0.62%	129	\$9.16	57.90%	40	\$9.18	49.22%		
Chemical Manufacturing	325	\$0.04	1.43%	298	\$0.22	1.37%	27	\$0.26	1.38%		
Nonmetallic Mineral Product Mfg.	327	\$0.03	0.97%	200	\$0.31	1.93%	23	\$0.33	1.79%		
Primary & Fabricated Metal Mfg.	331-332	\$0.09	3.33%	690	\$0.45	2.87%	69	\$0.55	2.94%		
Machinery Manufacturing	333	\$0.02	0.73%	152	\$0.03	0.21%	3	\$0.05	0.29%		
Computer and Electronic Product Mfg.	334	\$0.03	0.98%	202	\$0.05	0.30%	12	\$0.07	0.40%		
Electrical Equipment & Appliance Mfg.	335	\$0.01	0.50%	104	\$0.03	0.18%	5	\$0.04	0.23%		
Motor Vehicle & Trans. Equipment Mfg.	336	\$0.02	0.88%	180	\$0.16	1.00%	24	\$0.18	0.98%		
Other Manufacturing	312-339	\$0.11	3.77%	781	\$0.75	4.74%	64	\$0.86	4.59%		
Utilities	22	\$0.16	5.50%	1,141	\$1.15	7.25%	75	\$1.30	6.98%		
Transportation & Warehousing	48-49	\$0.08	2.74%	568	\$0.34	2.14%	23	\$0.42	2.23%		
Information	51	\$0.10	3.41%	707	\$0.04	0.23%	5	\$0.13	0.71%		
Publishing Industries, Except Internet	511	\$0.00	0.09%	18	\$0.00	0.00%	0	\$0.00	0.01%		
Motion Picture & Sound Recording	512	\$0.01	0.34%	70	\$0.04	0.23%	5	\$0.05	0.24%		
Internet Services and data processing	518,519	\$0.01	0.22%	46	\$0.00	0.00%	0	\$0.01	0.03%		
Other Information	Other in 51	\$0.08	2.77%	573	\$0.00	0.00%	0	\$0.08	0.42%		
Wholesale Trade	42	\$0.13	4.47%	929	\$0.33	2.07%	29	\$0.45	2.44%		
Retail Trade	44-45	\$0.50	17.61%	3,650	\$0.26	1.66%	61	\$0.76	4.07%		
Car & Parts Dealers	441	\$0.04	1.25%	259	\$0.00	0.02%	2	\$0.04	0.21%		
Gas Stations	447	\$0.26	9.23%	1,912	\$0.12	0.78%	24	\$0.38	2.06%		
Other Retail Trade	Other in 44-45	\$0.20	7.13%	1,479	\$0.14	0.86%	35	\$0.34	1.81%		
Finance and Insurance	52	\$0.04	1.31%	274	\$0.00	0.00%	0	\$0.04	0.20%		
Real Estate and Rental Leasing	53	\$0.13	4.76%	994	\$0.01	0.04%	2	\$0.14	0.76%		
Services	54-81	\$0.90	31.84%	6,614	\$1.27	8.04%	101	\$2.17	11.65%		
Professional and Technical Services	54	\$0.07	2.65%	549	\$0.05	0.30%	7	\$0.12	0.65%		
Accommodation	721	\$0.03	1.11%	231	\$0.03	0.18%	1	\$0.06	0.32%		
Food Services & Drinking Places	722	\$0.02	0.64%	135	\$0.00	0.01%	1	\$0.02	0.10%		
Automotive Repairs & Maintenance	8111	\$0.26	9.09%	1,884	\$0.00	0.00%	1	\$0.26	1.38%		
Dry Cleaning & Laundry Services	8123	\$0.11	3.87%	803	\$0.00	0.00%	0	\$0.11	0.59%		
Health Care & Social Assistance	62	\$0.10	3.56%	740	\$0.29	1.83%	36	\$0.39	2.09%		
Other Services	Other in 54-81	\$0.31	10.93%	2,272	\$0.91	5.72%	55	\$1.21	6.51%		
Public Administration	92	\$0.23	8.03%	1,665	\$0.28	1.74%	18	\$0.50	2.70%		
Unclassified ⁴	N/A	\$0.04	1.31%	273	\$0.12	0.73%	4	\$0.15	0.82%		
Totals		\$2.83	100%	20,758	\$15.82	100%	687	\$18.64	100%		

¹ Flat annual operating emission fees based on FY 2020 (07/2020-06/2021).

 $^{^{2}}$ Other emission fees based on CY 2021 (01/2021 - 12/2021).

³ Almost all facilities paying emission-based fees also pay the flat fee.

Table 3 estimated a total of \$12.75 million from about 3,200 facilities that applied for permits to construct or operate, invoiced during FY 2020-2021. Facilities can apply for multiple permits. As with emission fees, most permit processing fee revenue came from the manufacturing sector, which contributed \$4.72 million, or 37 percent of permit processing fee revenue. The services sector paid the second most of permit processing fees with \$2.48 million, or 19 percent of permit processing fee revenue.

Operating permits must be renewed annually. An annual fee is assessed on the renewed permits to support continuing South Coast AQMD inspection and compliance activities and other permit related activities. As seen in Table 3, approximately 26,100 facilities held operating permits in FY 2020-2021. By March 8, 2022, these facilities are estimated to have paid \$62.16 million for FY 2020-2021. The manufacturing sector was the largest contributor paying \$25.46 million, or 41 percent of total annual permit renewal fee revenue, across about 3,400 facilities. The retail trade sector paid about \$11.56 million, or 19 percent of total annual permit renewal fee revenue, across about 4,200 facilities, while the service sector paid about \$10.27 million, or 17 percent of total annual permit renewal fee revenue, across about 9,800 facilities.

Source Testing Fees

Revenue from source testing fees is based on invoiced source test fees during FY 2020-2021. As illustrated in Table 4, the combined source test fee revenue from Rules 304 and 304.1 was \$0.23 million. Manufacturing accounted for 48 percent of this revenue, followed by utilities with 25 percent.

Toxic Hot Spots Fees

AB 2588 toxic hot spots fees are calculated based on health risks and priority scores. As illustrated in Table 4, the most recent invoiced revenue for FY 2020-2021 was approximately \$2.75 million. The services sector's share of this total was 30 percent, which includes automotive repairs and maintenance, dry cleaning and laundry services, health care and social assistance, etc. The second and third largest contributors to hot spot fees are retail trade and manufacturing contributing 21 and 16 percent, respectively.

Table 3: Estimated Permit Processing & Annual Renewal Fee Revenue by Industry (MM\$)

Table 5: Estimated Fermit Fr	NAICS		t Processing		Annual Permit Renewal Fees ²			
Industry				# of		I	# of	
,		MM\$	%	Fac.	MM\$	%	Fac.	
Agriculture, Forestry, Fishing & Hunting	11	\$0.03	0.23%	21	\$0.18	0.29%	119	
Mining	21	\$0.25	1.98%	22	\$1.25	2.02%	251	
Oil and Gas Extraction	211	\$0.16	1.27%	16	\$0.83	1.33%	146	
Mining (except oil and gas)	212-213	\$0.09	0.71%	6	\$0.43	0.69%	105	
Construction	23	\$0.33	2.59%	127	\$1.56	2.51%	992	
Manufacturing	31-33	\$4.72	37.00%	469	\$25.46	40.95%	3,429	
Food Manufacturing	311	\$0.34	2.70%	32	\$1.55	2.50%	217	
Wood Products Manufacturing	321	\$0.02	0.16%	6	\$0.08	0.14%	69	
Petroleum and Coal Products Mfg.	324	\$1.21	9.49%	28	\$10.57	17.01%	165	
Chemical Manufacturing	325	\$0.49	3.82%	54	\$2.23	3.59%	327	
Nonmetallic Mineral Product Mfg.	327	\$0.14	1.13%	23	\$1.37	2.20%	218	
Primary & Fabricated Metal Mfg.	331-332	\$0.82	6.44%	110	\$4.08	6.56%	786	
Machinery Manufacturing	333	\$0.05	0.42%	17	\$0.42	0.68%	175	
Computer and Electronic Product Mfg.	334	\$0.31	2.46%	43	\$0.83	1.33%	224	
Electrical Equipment & Appliance Mfg.	335	\$0.05	0.35%	14	\$0.53	0.85%	119	
Motor Vehicle & Trans. Equipment Mfg.	336	\$0.41	3.21%	34	\$1.11	1.79%	219	
Other Manufacturing	312-339	\$0.87	6.82%	108	\$2.68	4.31%	910	
Utilities	22	\$1.22	9.55%	102	\$2.72	4.37%	1,180	
Transportation & Warehousing	48-49	\$0.54	4.20%	90	\$1.63	2.62%	636	
Information	51	\$0.14	1.09%	79	\$0.60	0.96%	819	
Publishing Industries, Except Internet	511	\$0.00	0.02%	5	\$0.03	0.05%	27	
Motion Picture & Sound Recording	512	\$0.06	0.50%	21	\$0.16	0.25%	88	
Internet Services and data processing	518,519	\$0.01	0.06%	10	\$0.05	0.08%	49	
Other Information	Other in 51	\$0.07	0.51%	43	\$0.35	0.57%	655	
Wholesale Trade	42	\$0.62	4.88%	128	\$3.17	5.09%	1,109	
Retail Trade	44-45	\$1.25	9.80%	636	\$11.56	18.60%	4,214	
Car & Parts Dealers	441	\$0.10	0.75%	21	\$0.29	0.46%	287	
Gas Stations	447	\$0.80	6.28%	398	\$8.55	13.75%	2,159	
Other Retail Trade	Other in 44-45	\$0.35	2.77%	217	\$2.73	4.39%	1,768	
Finance and Insurance	52	\$0.09	0.68%	74	\$0.34	0.55%	326	
Real Estate and Rental Leasing	53	\$0.25	1.99%	126	\$1.02	1.64%	1,131	
Services	54-81	\$2.48	19.48%	983	\$10.27	16.52%	9,762	
Professional and Technical Services	54	\$0.43	3.34%	149	\$1.47	2.36%	738	
Accommodation	721	\$0.02	0.19%	24	\$0.30	0.48%	294	
Food Services & Drinking Places	722	\$0.09	0.72%	58	\$0.63	1.01%	2,102	
Automotive Repairs & Maintenance	8111	\$0.28	2.18%	155	\$1.70	2.74%	2,168	
Dry Cleaning & Laundry Services	8123	\$0.12	0.95%	125	\$0.48	0.77%	952	
Health Care & Social Assistance	62	\$0.37	2.87%	128	\$1.30	2.09%	830	
Other Services	Other in 54-81	\$1.18	9.23%	344	\$4.40	7.07%	2,678	
Public Administration	92	\$0.38	2.96%	135	\$1.75	2.82%	1,768	
Unclassified ³	N/A	\$0.45	3.55%	239	\$0.66	1.06%	367	
Totals		\$12.75	100%	3,231	\$62.16	100%	26,103	

 $^{^{\}rm 1}$ Based on permit applications in FY 2020 (07/2020-06/2021).

² Based on permits held in FY 2020 and paid by March 8, 2022.

³ Facilities with no NAICS codes assigned are categorized as "unclassified."

Rule 2202 Fees

Rule 2202 – On-Road Motor Vehicle Mitigation Options applies to employers with at least 250 employees in the South Coast AQMD's jurisdiction. It provides employers with three compliance options: (1) the Employee Commute Reduction Program (ECRP); (2) emission reduction strategies (ERS) such as use of clean-fuel vehicles, re-powering of diesel engine marine vessels, and vehicle scrapping; and (3) participation in the Air Quality Investment Plan (AQIP). Employers choosing the ECRP option pay a plan review fee to the South Coast AQMD when they file their ECRP Plan. Employers choosing an ERS pay a registration fee. Employers choosing to invest in AQIP pay a registration fee and an investment fee. The investment fee portion goes to a special revenue account which is not part of the General Fund.

Revenue from Rule 2202 fees herein is based on invoiced Rule 2202 fees during FY 2020-2021. A total of \$0.70 million was collected from Rule 2202 fees where services, public administration, and retail trade sectors accounted for 34, 17, and 15 percent respectively.

Asbestos (Rule 1403) Fees

Rule 1403 requires contractors performing renovations or demolitions to submit notifications to South Coast AQMD. During FY 2020-2021, 26,811 notifications were submitted in compliance with Rule 1403, generating around \$5.66 million in revenue. Fees are based on the size of the project, since larger projects are generally more complicated and take more time for staff to inspect. In addition, there is a flat plan review fee for approved alternative cleanup plans to address disturbed asbestos-containing materials. Finally, there are fees to revise notifications and expedite plan reviews.

Area Source Fees (Architectural Coatings)

Rule 314 – Fees for Architectural Coatings, adopted June 6, 2008, requires manufacturers to pay fees and report sales and emissions of architectural coatings to the South Coast AQMD. Rule 314 affects about 220 architectural coatings manufacturers classified under the chemical manufacturing sector (NAICS 325).

Fees are assessed on the manufacturers' reported annual quantity of architectural coatings and its respectively recorded cumulative VOC emissions. All fees collected from architectural coating sales in FY 2020-2021 pursuant to Rule 314 were about \$2.37 million. This amount represents around 2.4 percent of South Coast AQMD's total fee revenue for FY 2020-2021, and about 0.01 percent of the chemical manufacturing industry's economic output.⁹

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⁹ Refer to "Major Revenue Sources by Industry" section and Table 6 for more details.

Table 4: Estimated Source Testing and Toxic Hot Spot Fees by Industry (\$MM)

Table 4: Estimated Source			ce Testing F	-		c Hot Spots	Fees ¹
Industry	NAICS	MM\$	%	# of Fac.	MM\$	%	# of Fac.
Agriculture, Forestry, Fishing & Hunting	11	\$0.00	0.36%	# 01 Fac.	\$0.01	0.24%	# 01 1 ac.
Mining	21	\$0.00	3.72%	3	\$0.03	0.24%	54
Oil and Gas Extraction	211	\$0.00	0.56%	1	\$0.03	0.37%	31
	212-213	\$0.00	3.16%	2	\$0.01	0.62%	23
Mining (except oil and gas) Construction	23			1			
		\$0.00	0.25%	1	\$0.04	1.63%	259
Manufacturing	31-33	\$0.11	47.61%	72	\$0.44	16.13%	1,022
Food Manufacturing	311	\$0.01	5.86%	13	\$0.01	0.20%	34
Wood Products Manufacturing	321	\$0.00	0.25%	1	\$0.00	0.03%	6
Petroleum and Coal Products Mfg.	324	\$0.04	16.56%	9	\$0.09	3.26%	63
Chemical Manufacturing	325	\$0.01	4.22%	5	\$0.05	1.82%	116
Nonmetallic Mineral Product Mfg.	327	\$0.00	0.57%	2	\$0.02	0.67%	22
Primary & Fabricated Metal Mfg.	331-332	\$0.02	9.52%	16	\$0.13	4.60%	229
Machinery Manufacturing	333	\$0.00	0.55%	3	\$0.01	0.35%	20
Computer and Electronic Product Mfg.	334	\$0.00	0.18%	1	\$0.02	0.65%	109
Electrical Equipment & Appliance Mfg.	335	\$0.00	1.96%	2	\$0.01	0.42%	24
Motor Vehicle & Trans. Equipment Mfg.	336	\$0.00	1.09%	5	\$0.04	1.44%	72
Other Manufacturing	312-339	\$0.02	6.84%	15	\$0.07	2.68%	327
Utilities	22	\$0.06	24.97%	24	\$0.17	6.23%	859
Transportation & Warehousing	48-49	\$0.00	0.94%	2	\$0.08	2.73%	410
Information	51	\$0.00	0.00%	0	\$0.11	3.86%	708
Publishing Industries, Except Internet	511	\$0.00	0.00%	0	\$0.00	0.11%	19
Motion Picture & Sound Recording	512	\$0.00	0.00%	0	\$0.02	0.58%	55
Internet Services and data processing	518,519	\$0.00	0.00%	0	\$0.01	0.21%	42
Other Information	Other in 51	\$0.00	0.00%	0	\$0.08	2.96%	592
Wholesale Trade	42	\$0.01	4.27%	9	\$0.09	3.43%	519
Retail Trade	44-45	\$0.01	3.50%	6	\$0.59	21.28%	3,239
Car & Parts Dealers	441	\$0.00	0.00%	0	\$0.03	1.15%	181
Gas Stations	447	\$0.00	1.07%	2	\$0.39	14.16%	2,080
0.1 P . 3 P . 1	Other in 44-	00.01	2.420/		00.16	5.050/	0=0
Other Retail Trade	45	\$0.01	2.43%	4	\$0.16	5.97%	978
Finance and Insurance	52	\$0.00	0.00%	0	\$0.04	1.36%	262
Real Estate and Rental Leasing	53	\$0.00	0.18%	2	\$0.12	4.27%	843
Services	54-81	\$0.02	8.45%	19	\$0.82	29.90%	4,921
Professional and Technical Services	54	\$0.00	0.90%	3	\$0.05	1.90%	310
Accommodation	721	\$0.00	0.00%	0	\$0.03	1.10%	218
Food Services & Drinking Places	722	\$0.00	0.55%	3	\$0.01	0.49%	91
Automotive Repairs & Maintenance	8111	\$0.00	0.88%	2	\$0.37	13.33%	2,009
Dry Cleaning & Laundry Services	8123	\$0.00	0.00%	0	\$0.04	1.44%	226
Health Care & Social Assistance	62	\$0.00	0.18%	1	\$0.11	3.86%	732
Other Services	Other in 54- 81	\$0.01	5.94%	10	\$0.21	7.77%	1,335
Public Administration	92	\$0.01	4.50%	5	\$0.18	6.47%	1,205
Unclassified ²	N/A	\$0.00	1.25%	3	\$0.04	1.48%	253
Totals	- 1112	\$0.23	100%	147	\$2.75	100%	14,596

 $^{^{\}rm 1}$ Based on permit applications in FY 2020 (07/2020-06/2021).

 $^{^{2}}$ Facilities with no NAICS codes assigned are categorized as "unclassified."

Major Revenue Sources by Industry

Total fee revenue collected by South Coast AQMD for all fees reported is \$107.65 million, representing approximately 60 percent of South Coast AQMD's estimated FY 2021-2022 revenue. 10,11 Table 5 presents total fee revenue collected by major economic sector. These total fee revenues were estimated based on recent invoiced amounts at current fee rates. Thus, these figures may differ slightly from those in Table 1, which are based on actual revenue received.

Table 5: FY 2020-2021 Revenue from All Major Fee Categories by Sector

Sector	NAICS	Revenue from All Major Fee Categories (MM\$)	% of Total Major Fee Categories
Agriculture, Forestry, Fishing & Hunting	11	\$0.35	0.33%
Mining	21	\$2.08	1.94%
Construction	23	\$5.21	4.84%
Manufacturing	31-33	\$47.46	44.09%
Utilities	22	\$5.48	5.09%
Transportation & Warehousing	48-49	\$2.72	2.53%
Information	51	\$1.00	0.93%
Wholesale Trade	42	\$4.48	4.16%
Retail Trade	44-45	\$14.27	13.26%
Finance and Insurance	52	\$0.55	0.51%
Real Estate and Rental Leasing	53	\$1.56	1.45%
Services	54-81	\$18.21	16.92%
Public Administration	92	\$2.94	2.74%
Unclassified ¹	N/A	\$1.32	1.22%
Total		\$107.65	100.00%

¹ Facilities with no NAICS codes assigned are categorized as "unclassified."

The manufacturing sector (NAICS 31-33) provides the greatest amount of fee revenue for FY 2020-2021 at about \$47.46 million, which is 44 percent of fee revenues (Figure 1). This is followed by the services sector (NAICS 54-81), providing about \$18 million, or 17 percent of fee revenues, and the retail trade sector (NAICS 44-45), providing \$14.27 million, representing a 13 percent share.

¹⁰ Includes fee revenue from the following sources: emission fees, permit processing fees, annual permit renewal fees (inclusive of Rule 1180 refinery fenceline and community monitoring fees), toxic hot spot fees, source test fees, a portion of Rule 2202 fees, asbestos fees, and architectural coating (Rule 314) fees.

¹¹ Estimated fee revenue collected for FY 2021-2022 is from Table 1.

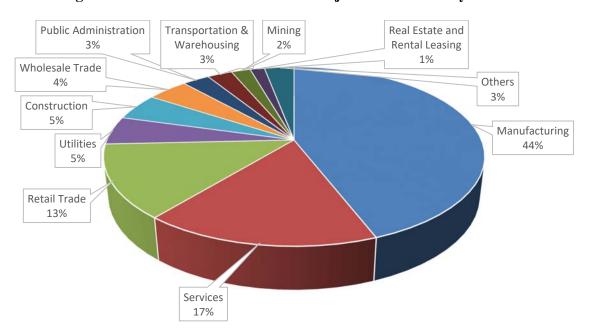


Figure 1: FY 2020-2021 Share of All Major Fee Revenue by Sector

Table 6 shows the percentage of fees from these categories relative to each industry's total (gross) output and value-added to evaluate them relative to different economic measures of industries within South Coast AQMD's jurisdiction. ¹² Output is measured as an industry's total sales revenue. Value-added is measured as an industry's profit margin plus its expenses on labor and capital. Total fees paid is relatively small compared to each industry's regional output or value-added. This is the case for both industries which are predominantly comprised of small businesses, such as retail trade, and for industries predominately comprised of large businesses, such as refineries.

The industries which paid among the highest amount of fees relative to their output were mining (except oil and gas) (NAICS 212-213), oil and gas extraction (NAICS 211), and petroleum and coal products manufacturing (NAICS 324). The petroleum and coal products manufacturing industry paid the most, with a total of \$21.09 million, representing five hundredths of one percent of the sector's output and about a tenth of a percent of the sector's value-added. Overall, South Coast AQMD's fee revenue represented less than one-hundredth of one percent of aggregate industry output or value-added in the four-county region for each industry.

South Coast AQMD 11 May 2022

¹² Industry output and value-added data for 2019, the most recent historical data, was obtained from the Regional Economic Modeling, Inc. (REMI) model v2.5.0 in 2018 dollars.

Table 6: Share of Major Revenue by Detailed Industry

Industry Sector	NAICS	MM\$	% of Total Fees	% of Total Output	% of Total Value Added
Agriculture, Forestry, Fishing & Hunting	11	\$0.35	0.33%	0.010%	0.026%
Mining	21	\$2.08	1.94%	0.081%	0.160%
Oil and Gas Extraction	211	\$1.26	1.17%	0.080%	0.157%
Mining (except oil and gas)	212-213	\$0.83	0.77%	0.081%	0.165%
Construction	23	\$5.21	4.84%	0.007%	0.012%
Manufacturing	31-33	\$47.46	44.09%	0.019%	0.046%
Food Manufacturing	311	\$2.13	1.98%	0.010%	0.045%
Wood Products Manufacturing	321	\$0.12	0.11%	0.005%	0.016%
Petroleum and Coal Products Mfg.	324	\$21.09	19.59%	0.045%	0.143%
Chemical Manufacturing	325	\$7.79	7.23%	0.032%	0.073%
Nonmetallic Mineral Product Mfg.	327	\$1.87	1.73%	0.046%	0.097%
Primary & Fabricated Metal Mfg.	331-332	\$5.61	5.21%	0.022%	0.058%
Machinery Manufacturing	333	\$0.54	0.51%	0.005%	0.014%
Computer and Electronic Product Mfg.	334	\$1.25	1.16%	0.005%	0.006%
Electrical Equipment & Appliance Mfg.	335	\$0.64	0.59%	0.013%	0.025%
Motor Vehicle & Trans. Equipment Mfg.	336	\$1.76	1.63%	0.005%	0.013%
Other Manufacturing	312-339	\$6.57	6.10%	0.008%	0.020%
Utilities	22	\$5.48	5.09%	0.036%	0.057%
Transportation & Warehousing	48-49	\$2.72	2.53%	0.004%	0.007%
Information	51	\$1.00	0.93%	0.001%	0.001%
Publishing Industries, Except Internet	511	\$0.04	0.04%	0.000%	0.000%
Motion Picture & Sound Recording	512	\$0.29	0.27%	0.000%	0.001%
Internet Services and data processing	518,519	\$0.08	0.07%	0.000%	0.000%
Other Information	Other in 51	\$0.60	0.55%	0.001%	0.002%
Wholesale Trade	42	\$4.48	4.16%	0.003%	0.006%
Retail Trade	44-45	\$14.27	13.26%	0.014%	0.023%
Car & Parts Dealers	441	\$0.46	0.42%	N/A	N/A
Gas Stations	447	\$10.12	9.41%	N/A	N/A
Other Retail Trade	Other in 44-45	\$3.69	3.43%	N/A	N/A
Finance and Insurance	52	\$0.55	0.51%	0.000%	0.001%
Real Estate and Rental Leasing	53	\$1.56	1.45%	0.000%	0.001%
Services	54-81	\$18.21	16.92%	0.004%	0.006%
Professional and Technical Services	54	\$3.05	2.83%	0.002%	0.004%
Accommodation	721	\$0.43	0.40%	0.004%	0.006%
Food Services & Drinking Places	722	\$0.76	0.71%	0.001%	0.003%
Automotive Repairs & Maintenance	8111	\$0.14	0.13%	0.001%	0.002%
Dry Cleaning & Laundry Services	8123	\$0.80	0.74%	0.007%	0.010%
Health Care & Social Assistance	62	\$2.27	2.11%	0.002%	0.003%
Other Services	Other in 54-81	\$11.98	11.13%	0.007%	0.012%
Public Administration	92	\$2.94	2.74%	0.001%	0.002%
Unclassified ¹	N/A	\$1.32	1.22%	N/A	N/A
Total		\$107.65	100%	0.005%	0.009%

 $^{^{\}rm l}$ Facilities with no NAICS codes assigned are categorized as "unclassified."

^{*}N/A values exist due to lack of output and value added information from REMI model.

REVENUE IMPACTS OF PROPOSED FEE RATE INCREASE BY INDUSTRY

Rule 320 requires annual adjustment of most fee rates in Regulation III by an amount equal to the change in CPI, unless the Board decides to forgo the CPI increase. For the period of December 2020 to December 2021 the CPI increase was a rate of 6.5 percent.

To analyze the impact of the CPI-based increase alone, we base the estimate on FY 2020-2021 emissions and the current equipment and activity profile of individual facilities. This estimate therefore excludes any other changes to revenue, such as changes in state funding and activity levels, as discussed in the Revenue Trend section. Based on this methodology, the fee rate increases from the 6.5 percent CPI increase are estimated to increase total South Coast AQMD revenue by approximately \$6.44 million. This estimate is only for the CPI-based increase and differs from the estimate in Table 1 for reasons discussed above.

Table 7 shows the distribution of the fee changes across the affected industries. The manufacturing sector would experience the largest increase in fees (approximately \$2.63 million for about 3,400 facilities), followed by the services sector (approximately \$1.14 million for about 9,800 facilities), the retail trade sector (approximately \$0.92 million for about 4,200 facilities), with the remaining sectors accounting for approximately \$1.75 million. Within the manufacturing sector, the petroleum and coal products manufacturing industry, mostly comprised of refineries, will have an increase of around \$1.10 million, or about 17 percent of the overall increase.

SUMMARY

The above analysis provides background information on South Coast AQMD's revenue and summarizes the economic impact on facilities regulated by South Coast AQMD due to the automatic consumer price index (Rule 320) increase. Based on the fee categories examined in the analysis and last year's activity levels, South Coast AQMD revenues are expected to increase by \$6.44 million due to this fee rate increase. However, the amount of South Coast AQMD fees paid by each industry remained small relative to the industry's economic output or value-added (less than 0.01 percent overall).

Table 7: Revenue Impact of the Fee Rate Increase by Industry Sector

Table 7: Revenue Impact o	T the Fee Rate			
Industry	NAICS	Estimated Number of Facilities Affected	Revenue Change Due to 6.5% CPI Adjustment	Percent of Total CPI Increase
Agriculture, Forestry, Fishing & Hunting	111-115	119	\$19,662	0.31%
Mining	21	251	\$128,760	2.00%
Oil and Gas Extraction	211	146	\$78,131	1.21%
Mining (except oil and gas)	212-213	105	\$50,630	0.79%
Construction	23	992	\$337,288	5.24%
Manufacturing	31-33	3,429	\$2,625,418	40.75%
Food Manufacturing	311	217	\$134,192	2.08%
Wood Products Manufacturing	321	69	\$7,731	0.12%
Petroleum and Coal Products Mfg.	324	165	\$1,095,729	17.01%
Chemical Manufacturing	325	327	\$349,707	5.43%
Nonmetallic Mineral Product Mfg.	327	218	\$115,558	1.79%
Primary & Fabricated Metal Mfg.	331-332	786	\$356,436	5.53%
Machinery Manufacturing	333	175	\$34,392	0.53%
Computer and Electronic Product Mfg.	334	224	\$79,735	1.24%
Electrical Equipment & Appliance Mfg.	335	119	\$40,252	0.62%
Motor Vehicle & Trans. Equipment Mfg.	336	219	\$110,472	1.71%
Other Manufacturing	312-339	910	\$301,215	4.68%
Utilities	22	1,180	\$340,430	5.28%
Transportation & Warehousing	48-49	636	\$165,700	2.57%
Information	51	819	\$62,797	0.97%
Publishing Industries, Except Internet	511	27	\$2,784	0.04%
Motion Picture & Sound Recording	512	88	\$16,518	0.26%
Internet Services and data processing	518,519	49	\$5,022	0.08%
Other Information	Other in 51	655	\$38,474	0.60%
Wholesale Trade	42	1,109	\$286,292	4.44%
Retail Trade	44-45	4,214	\$921,950	14.31%
Car & Parts Dealers	441	287	\$29,490	0.46%
Gas Stations	447	2,159	\$655,359	10.17%
Other Retail Trade	Other in 44-45	1,768	\$237,101	3.68%
Finance and Insurance	52	326	\$35,476	0.55%
Real Estate and Rental Leasing	53	1,131	\$101,336	1.57%
Services	54-81	9,762	\$1,144,643	17.77%
Professional and Technical Services	54	738	\$196,110	3.04%
Accommodation	721	294	\$27,388	0.43%
Food Services & Drinking Places	722	2,102	\$49,326	0.77%
Automotive Repairs & Maintenance	8111	2,168	\$170,589	2.65%
Dry Cleaning & Laundry Services	8123	952	\$48,590	0.75%
Health Care & Social Assistance	62	830	\$135,926	2.11%
Other Services	Other in 54-81	2,678	\$516,715	8.02%
Public Administration	92	1,768	\$186,649	2.90%
Unclassified ¹	N/A	367	\$85,921	1.33%
Totals		26,103	\$6,442,323	100%

¹ Facilities with no NAICS codes assigned are categorized as "unclassified."

REFERENCES

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ATTACHMENT J



SUBJECT: NOTICE OF EXEMPTION FROM THE CALIFORNIA

ENVIRONMENTAL QUALITY ACT

PROJECT TITLE: PROPOSED AMENDED REGULATION III - FEES, AND

PROPOSED AMENDED RULE 1480 – AMBIENT MONITORING AND SAMPLING OF METAL TOXIC AIR CONTAMINANTS

Pursuant to the California Environmental Quality Act (CEQA) Guidelines, the South Coast Air Quality Management District (South Coast AQMD), as Lead Agency, has prepared a Notice of Exemption pursuant to CEQA Guidelines Section 15062 – Notice of Exemption for the proposed project identified above.

If the proposed project is approved, the Notice of Exemption will be filed for posting with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino Counties. The Notice of Exemption will also be electronically filed with the State Clearinghouse of the Governor's Office of Planning and Research for posting on their CEQAnet Web Portal which may be accessed via the following weblink: https://ceqanet.opr.ca.gov/search/recent. In addition, the Notice of Exemption will be electronically posted on the South Coast AQMD's webpage which can be accessed via the following weblink: https://www.aqmd.gov/nav/about/public-notices/ceqa-notices-of-exemption/noe---year-2022.

NOTICE OF EXEMPTION FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

To: County Clerks for the Counties of Los Angeles, From: South Coast Air Quality Management District

Orange, Riverside and San Bernardino; and
Governor's Office of Planning and Research – State

21865 Copley Drive
Diamond Bar, CA 91765

Clearinghouse

Project Title: Proposed Amended Regulation III – Fees, which includes Proposed Amended Rule (PAR) 301 – Permitting and Associated Fees, PAR 303 – Hearing Board Fees, PAR 304 – Equipment, Materials and Ambient Air Analyses, PAR 304.1 – Analyses Fees, PAR 306 – Plan Fees, PAR 307.1 – Alternative Fees for Air Toxics Emissions Inventory, PAR 308 – On-Road Motor Vehicle Mitigation Options Fees, PAR 309 – Fees for Regulation XVI and Regulation XXV, PAR 311 – Air Quality Investment Program (AQIP) Fees, PAR 313 – Authority to Adjust Fees and Due Dates, PAR 314 – Fees for Architectural Coatings, and PAR 315 – Fees for Training Classes and License Renewal, and PAR 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants

Project Location: The proposed project is located within the South Coast Air Quality Management District's (South Coast AQMD) jurisdiction, which includes the four-county South Coast Air Basin (all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino counties), and the Riverside County portion of the Salton Sea Air Basin and the non-Palo Verde, Riverside County portion of the Mojave Desert Air Basin.

Description of Nature, Purpose, and Beneficiaries of Project: The proposed project is comprised of amendments to Regulation III, which includes amendments to Rule 301, Rule 303, Rule 304, Rule 304.1, Rule 306, Rule 307.1, Rule 308, Rule 309, Rule 311, Rule 313, Rule 314, and Rule 315; and Rule 1480. The proposed amendments to Regulation III primarily consist of increasing most fees by 6.5 percent to be consistent with the California Consumer Price Index as established in Rule 320. In addition, to recover costs for regulatory actions taken by the South Coast AOMD, Proposed Amended Regulation III also proposes the following: 1) an increase to the Rule 1180 community air monitoring annual operating and maintenance fees pursuant to Health and Safety Code Sections 42705.6(f)(1) and (f)(2); 2) a new equipment category and corresponding permit processing fee in Rule 301 for spray booths equipped with High Efficiency Particulate Arrestors or Ultra Low Particulate Arrestors used to control Rule 1401 toxics; 3) addition of Rule 1109.1 I-Plan, B-Plan, and B-Cap plans to the list of plans subject to existing Rule 306 Plan Annual Renewal Fees; 4) addition of Rule 463 Floating Roof Tank Seal Certifications to the list of plans subject to existing Rule 306 Plan Evaluation Fees; 5) addition of Operation, Maintenance, and Monitoring Plans that are required by the National Emissions Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units to the list of plans subject to existing Rule 306 Plan Annual Renewal Fees; 6) clarification of the applicable permit processing fees in Rule 301 for when a subsequent application is submitted following the expiration of a Permit to Construct pursuant to Rule 205; and 7) removal of an existing fee exemption for Rule 1466 notification updates in Rule 301(x)(2). The proposed amendments to Rule 1480 relocate the fees specific to conducting monitoring/sampling and evaluating plans to Rules 301 and 306, respectively. Other administrative amendments to both Regulation III and Rule 1480 are proposed that would clarify and/or correct existing rule language for continuity and consistency without increasing fees.

Public Agency Approving Project: Agency Carrying Out Project:

South Coast Air Quality Management District South Coast Air Quality Management District

Exempt Status:

CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption

CEQA Guidelines Section 15273 – Rates, Tolls, Fares, and Charges

Reasons why project is exempt: South Coast AQMD, as lead agency, has reviewed the proposed project pursuant to:

1) CEQA Guidelines Section 15002(k) — General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA; and 2) CEQA Guidelines Section 15061 — Review for Exemption, procedures for determining if a project is exempt from CEQA. The proposed amendments to Regulation III are statutorily exempt from CEQA requirements pursuant to CEQA Guidelines Section 15273 — Rates, Tolls, Fares, and Charges, because the proposed new and increased fees involve charges by public agencies for the purpose of meeting operating expenses and financial reserve needs and requirements. In addition, the proposed amendments to Regulation III and 1480 which have no fee impact and are strictly administrative in nature are exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) — Common Sense Exemption, because it can be seen with certainty that there is no possibility that the proposed project may have a significant adverse effect on the environment.

NOTICE OF EXEMPTION FROM CEQA (concluded)

t AQMD Headquarters
Fax:
<u>v</u> (909) 396-3982
Fax:
<u>d.gov</u> (909) 396-3982

Date Received for Filing: Signature: (Signed Upon Board Approval)

Barbara Radlein

Program Supervisor, CEQA

Planning, Rule Development, and Implementation



FY 2022-23 South Coast AQMD Budget and Goals and Priority Objectives

Board Meeting May 6, 2022

Topics

- Goals and Priority Objectives
- General Fund Budget
- Staff Proposals:
 - Budget
 - Proposed Amended Regulation III Fees and Proposed Amended Rule 1480

Hierarchy

Mission Statement

Goal I

Goal II

Goal III

Priority Objectives (8)

Priority Objectives (5)

Priority Objectives (7)

Mission Statement

"To clean the air and protect the health of all residents in the South Coast Air District through practical and innovative strategies."

Goals

- I. Achieve clean air standards.
- II. Enhance public education and ensure equitable treatment for all communities.
- III. Operate efficiently and transparently.

Goal I Priority Objectives

Goal I. Achieve Clean Air Standards

	_		- 4	
		Priority Objective	Performance Indicator	Performance Measurement
	1	Development and Implementation of Air Quality	Adherence to development,	Complete six rule adoptions and/or
j		Management Plans	adoption and implementation	actions that result in achievements
			schedules for rules related to Air	towards 2016 AQMP emissions
			Quality Management Plans.	reductions. Hold at least four AQMP
				advisory group meetings for 2022
				AQMP development. Issue final 2022
				AQMP by the end of 2022.
	2	Secure Incentive Funding for Emissions Reduction	Increase funding for pollution	Secure increased funding of \$250
			reduction projects.	million.
	3	Implementation of AB 617 in Designated	Implement plans for each of the six	Implementation of air monitoring and
		Communities	communities designated in 2018,	emissions reduction plans for the six
			2019, and 2020.	communities designated in 2018,
				2019, and 2020.

Goal I Priority Objectives

Goal I. Achieve Clean Air Standards (cont.)

	Priority Objective	Performance Indicator	Performance Measurement
4	Ensure Efficient Air Monitoring and Laboratory Operations	Achieve acceptable completion of valid data points out of the scheduled measurements in the South Coast AQMD air monitoring network for NAAQS pollutant before U.S. EPA deadline.	Achieve acceptable valid data completion submitted to U.S. EPA before deadline.
5	Ensure Timely Inspections of Facilities	Total number of Title V Inspections completed annually.	Complete 100% Title V Inspections.
6	Maintain progress in reducing the permit applications inventory	Number of pending permit applications.	Maintain pending permit applications inventory excluding Permits to Construct issued and RECLAIM transition applications at or near 3,000.
7	Support Development of Cleaner Advanced Technology	Amount of Clean Fuels Program projects funded.	Fund \$10 Million of Clean Fuels program projects with a 1:4 leveraging ratio.

Goal I Priority Objectives

Goal I. Achieve Clean Air Standards (cont.)

	Priority Objective	Performance Indicator	Performance Measurement
8	Incentive Programs	% of grant money executed in contracts.	50% of grant money contracted within six months after receipt of funds.

Goal II Priority Objectives

Goal II. Enhance Public Education and Equitable Treatment for All Communities

	Priority Objective	Performance Indicator	Performance Measurement
1 Evaluat	ion of Low Cost Air Quality Sensors	Evaluation and posting of results of low cost air quality sensors that have reached the market.	Evaluate and post results of 75% of sensors that have reached the market.
2 Outrea	ch	Number of large community outreach events conducted in each County and effective information distribution for South Coast AQMD programs that achieve clean air.	Conduct/participate in one large community outreach event per quarter, including one in each County starting six months after it is safe to have large gatherings. Develop and implement SOPs to provide information to the public as quickly and accurately as possible.
3 Timely	Investigation of Community Complaints	Initiate complaint investigation within two hours of complaint receipt.	During normal South Coast AQMD business hours, contact 90% of complainants within two hours of complaint receipt. Post widespread complaints on social media.

Goal II Priority Objectives

Goal II. Enhance Public Education and Equitable Treatment for All Communities (cont.)

		Priority Objective	Performance Indicator	Performance Measurement
À	4	Social Media Efforts	Percentage increase in number of	15% to 20% increase in social media
			social media followers as well as	followers. Continue efforts to
			increase audience engagement	increase impressions and
			through impressions (views) of	engagement on posts and/or
			shared information via outreach on	campaigns with a monthly average
			South Coast AQMD events,	goal of 2,400 Instagram impressions
			programs and major incidents.	/8,000 Facebook
			Contract with an outside consultant	impressions/48,000 Twitter
			to form an internal committee to	impressions on posts. Present
À			develop social media	recommendations to the Board.
			recommendations for Board	
L			approval.	
	5	School Educational Outreach	Number of classrooms participating	Provide curriculums to 300 high
			in the air quality education program	schools, 100 middle schools, and 20
			in environmental justice	elementary schools throughout the
			communities. Develop materials for	four Counties in environmental
			other grade levels.	justice communities and teach at
				schools as requested when schools
				are back in session. Develop air
				quality teaching materials for
				schools. Develop curriculum that
				can be used by any school.

Goal III Priority Objectives

Goal III. Operate Efficiently and Transparently

Priority Objective	Performance Indicator	Performance Measurement
Ensure Transparent Governance	Percentage of Committee and Board meeting agendas with materials made available to the public one week prior to the meeting.	100% of Committee and Board meeting agendas with materials made available to the public one week prior to the meeting.
Ensure Transparent Governance	Percentage of Stakeholder and Working Group meeting agendas with materials made available prior to the meeting.	100% of Stakeholder and Working Group meeting agendas with materials made available to the public three days prior to the meeting. Address the ability to know meeting participants.
Maintain a well Informed Staff	Number of staff information sessions offered and conducted.	Conduct 12 equity related events for all staff.
Partner with Public Agencies, Stakeholder Groups, & Business Community	Number of meetings with Permit Streamlining Task Force subcommittee and stakeholders.	Conduct 2 meetings of the Permit Streamlining Task Force subcommittee and stakeholders.
Timely Financial Monitoring	Timely budgetary financial reporting.	Submit quarterly budgetary financial reports to the Governing Board within six working days of the end of the quarter for quarters 1-3. Submit the 4 th quarter report within six working days of the end of July.

Goal III Priority Objectives

Goal III. Operate Efficiently and Transparently (cont.)

Priority Objective	Performance Indicator	Performance Measurement
Employee Resource Groups	Support Employee Resource Groups.	Attend 100% Employee Resource Group meetings and assist the Employee Resource Groups to develop goals and objectives that are in alignment with agency mission.
Training and Development	Develop job related equity professional development and training that increases staff's awareness and cultural competency.	Conduct one training/activity per quarter.

General Fund Budget Summary

	Fis	Fiscal Year 2022-23		
(\$ in millions)	Adopted	Amended *	Estimate	Proposed
Revenue	\$179.9	\$184.6	\$180.9	\$189.2
Program Cost	<u>\$179.9</u>	<u>\$186.2</u>	<u>\$182.6</u>	<u>\$189.2</u>
Change to Fund Balance	<u>\$0.0</u>	<u>-\$1.6</u>	<u>-\$1.7</u>	<u>\$0.0</u>

^{*} Board approved changes through February 2022.

FY 2022-23 Proposed Staffing Changes

Add:

- 1 Administrative Assistant II Executive Office
- 1 Human Resources Analyst Administrative & Human Resources
- 1 Senior Office Assistant Clerk of the Boards
- 1 Staff Specialist Compliance & Enforcement
- 3 Program Supervisor Compliance & Enforcement
- 2 Supervising Air Quality Engineer Engineering & Permitting
- 1 Senior Fiscal Assistant Finance *
- 1 Information Technology Manager- Cybersecurity Information Management
- 3 Information Technology Specialist II Information Management
- 1 Assistant Chief Deputy Legal
- 2 Air Quality Specialist Planning, Rule Development & Area Sources *
- 1 Air Quality Inspector II Science & Technology Advancement *
- 3 Air Quality Specialist Science & Technology Advancement *
- 1 Administrative Assistant I Science & Technology Advancement *

Total: 22

• Delete:

- 5 AQ Inspector II Compliance & Enforcement
- 2 Air Quality Engineer II Engineering & Permitting
- 2 Assistant Information Technology Specialist Information Management
- 1 Information Technology Specialist I Information Management
- 1 Senior Deputy District Counsel Legal

Total: 11

Net Gain: 11

* Revenue Offset

FY 2021-22 Estimate and Five-Year Projection

(\$ in millions)	FY 21-22 Estimated	FY 22-23 Proposed	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
Authorized Staffing	959	970 *	970	970	970	970
Vacancy Rate	13%	11%	11%	11%	11%	11%
Funded Staffing	834	863	863	863	863	863
Revenues **	\$180.9	\$189.2	\$193.9	\$195.4	\$197.3	\$200.1
Program Costs	\$182.6	\$189.2	\$196.8	\$201.7	\$204.7	\$207.7
Changes in Fund Balance	\$(1.7)	\$-	\$(2.9)	\$(6.3)	\$(7.4)	\$(7.6)
Unreserved Fund Balance (at Year-End)	\$76.9	\$76.9	\$74.0	\$67.7	\$60.3	\$52.7
% of Revenue	43%	41%	38%	35%	31%	26%

^{*} Includes 2 positions added by the Board in FY 2021-22 (BL 9/2021 #10) and FY 22-23 additions include 11 funded positions (8 are revenue offset).

^{**} CPI projections include the following: FY 22/23 – 6.5%; FY 23/24 - 3.8%; FY 24/25 - 3.0%; FY 25/26 - 3.1%; & FY 26/27 – 3.3%

Proposed Amended Regulation III – Fees Proposed Amended Rule 1480

CPI-based automatic fee adjustment: +6.5%

- Applicable to most Regulation III fees pursuant to Rule 320
- Estimated to increase annual revenue by ~\$6.4 million

7 targeted proposals with potential fee impacts

- Update to Rule 1180 Refinery-Related Community Air Monitoring Annual O&M* Fees
- Others represent minor fee adjustments or clarifications of applicable fee rates
- Combined fee impact estimated at up to ~\$0.5 million

• 6 proposals with administrative changes only (no fee impacts), including:

- Transfer of fees currently located in Rule 1480 to Rules 301 and 306
- Extension of Annual Emissions Reports deadline in 2023, in anticipation of many more facilities reporting due to CARB's Criteria and Toxics Reporting (CTR) Regulation
- Others represent clarifications and corrections of rule language

Rule 301 Reassessments

- Rule 1180 Refinery-Related Community Air Monitoring Annual O&M Fees
 - First fee reassessment completed in December 2021
 - Every 3 years per Rule 301(aa)(4)
 - ~\$980,000 cumulative deficit projected by end of FY 2024-25
 - Costs of fully-staffed operations, hardware replacements, and inflation
 - Fees not subject to annual CPI-based adjustment
 - Proposing a phased-in fee increase:
 - 5.3% increase in FY 22-23, 2.2% in FY 23-24, and 2.1% in FY 24-25
- Restructured Toxic Air Contaminant (TAC) Fees
 - As directed by Board resolution upon fee adoption in 2019
 - Fee revenue increased substantially compared to historical levels, but short of projected amount by ~\$1.9 million
 - Recommendations:
 - No immediate changes to existing TAC Fees structure
 - A subsequent reassessment following CTR reporting in 2023 (as Board resolution)

Stakeholder Feedback

Major comment:

 The Refinery-Related Community Monitoring Network reassessment* and the Rule 1180 Annual O&M Fee reassessment** should be conducted concurrently.

Staff response and recommendation:

- A Board resolution directing staff to explore continued alignment of the two reassessments
 - 2nd fee reassessment (every 3 years) coinciding with 1st monitoring network reassessment (every 5 years), both to be completed by January 1, 2025
 - Staff recommendation to be made before 3rd fee reassessment

^{*}Pursuant to Rule 1180(j)(6)

^{**} Pursuant to Rule 301(aa)(4)

Recommended Actions

- Determine that proposed amendments to Regulation III Fees and Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants are exempt from CEQA
- Amend Regulation III and Rule 1480
- Adopt the Executive Officer's FY 2022-23 Proposed Goals and Priority Objectives
- Adopt the FY 2022-23 Draft Budget