MEETING, SEPTEMBER 4, 2020

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

Pursuant to Governor Newsom's Executive Orders N-25-20 (March 12, 2020) and N-29-20 (March 17, 2020), the Governing Board meeting will only be conducted via video conferencing and by telephone. Please follow the instructions below to join the meeting remotely.

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,,97364562763# or +12532158782,,93128605044#

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

PUBLIC COMMENT WILL STILL BE TAKEN

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, <u>any item</u> may be considered in <u>any order</u> .
	•	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 at South Coast AQMD's web page (www.aqmd.gov).

Americans with Disabilities Act and Language Accessibility

Disability and language-related accommodations can be requested to allow participation in the Governing Board meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov. Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the South Coast AQMD. Please contact the Clerk of the Boards Office at (909) 396-2500 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to cob@aqmd.gov

A webcast of the meeting is available for viewing at:

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

CALL TO ORDER

- Pledge of Allegiance
- Roll Call
- Opening Comments: William A. Burke, Ed.D., Chair

Other Board Members

Wayne Nastri, Executive Officer

Staff/Phone (909) 396-

CONSENT CALENDAR (Items 1 through 19)

Note: Consent Calendar items held for discussion will be moved to Item No. 20

1. Approve Minutes of August 7, 2020 Board Meeting

Thomas/3268

 Set Public Hearing October 2, 2020 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations Nastri/3131

Set Public Hearing October 2, 2020 to Certify Final Environmental Assessment and Adopt Rule 1179.1 – NOx Emission Reductions from Combustion Equipment at Publicly Owned Treatment Works Facilities

Nakamura/3105

Proposed Rule (PR) 1179.1 was developed to establish BARCT requirements for combustion equipment located at Publicly Owned Treatment Works facilities. PR 1179.1 establishes NOx, CO, and VOC emission limits for boilers, turbines, and engines. PR 1179.1 also includes provisions for emissions monitoring, reporting, and recordkeeping. This action is to adopt the Resolution: 1) Certifying the Final Environmental Assessment for Proposed Rule 1179.1 – NOx Emission Reductions from Combustion Equipment at Publicly Owned Treatment Works Facilities; and 2) Adopting Rule 1179.1 – NOx Reductions from Combustion Equipment at Publicly Owned Treatment Works Facilities. (Reviewed: Stationary Source Committee, August 21, 2020)

Budget/Fiscal Impact

 Adopt Resolution Recognizing Funds for FY 2019-20 Community Air Protection Program Incentives and Reimburse General Fund for Administrative Costs **Berry/2363**

In June 2020, South Coast AQMD executed a grant agreement (G19-MCAP-03) with CARB to receive FY 2019-20 (Year 3) Community Air Protection Program (CAPP) incentive funds in the amount of \$69,824,849, including 6.25% in administrative funds. This action is to adopt a Resolution recognizing CAPP revenue up to \$70 million from CARB into the Community Air Protection AB 134 Fund (77). The revenue will be used to support incentive projects that reduce emissions and improve public health in communities with high burdens of cumulative pollutant exposure, consistent with the goals of AB 617, subject to Board approval. Eligible projects include those submitted under the Carl Moyer and Proposition 1B-Goods Movement Programs, projects consistent with Community Air Protection Incentives Guidelines, and other incentive projects and programs included in an approved Community Emissions Reduction Plan. This action is to also reimburse the General Fund for administrative costs incurred implementing the CAPP grant. (Reviewed: Technology Committee, August 21, 2020; Recommended for Approval)

 Recognize Revenue, Transfer Funds, Amend and Execute Contracts to Demonstrate Class 8 Battery Electric Trucks, Retrofit Ocean-Going Vessel, Deploy Fuel Cell Transit Buses and Reimburse General Fund

Miyasato/3249

South Coast AQMD has been awarded up to \$37,821,301 from U.S. EPA. These actions are to recognize revenue from the Clean Air Technology Initiative Program up to \$500,000 into the GHG Reduction Projects Special Revenue Fund (67), up to \$25,906,601 into Fund 17, and up to \$11,414,700 into the Clean Shipping Technology Demonstration Special Revenue Fund (83); recognize revenue from the San Pedro Bay Ports up to \$300,000 into Fund 83; transfer up to \$2,205,000 from Clean Fuels Program Fund (31) into Fund 17; and transfer up to \$300,000 from the Air Quality Investment Fund (27) into Fund 83. These actions are to also: amend a contract adding up to \$500,000 from Fund 67 and execute contracts for up to \$21,635,681 to demonstrate battery electric trucks and infrastructure and for administrative project implementation from Fund 17; execute an MOU with the San Pedro Bay Ports; execute a contract for up to \$11,474,000 to retrofit an ocean-going vessel from Fund 83; execute a contract for up to \$6,111,601 to deploy fuel cell transit buses from Fund 17; and reimburse the General Fund for administrative costs. (Reviewed: Technology Committee, August 21, 2020; Recommended for Approval)

Recognize Revenue, Transfer Funds and Approve Budget and Expenditures for California Natural Gas Vehicle Partnership Activities and Projects

Miyasato/3249

The Board established the California Natural Gas Vehicle Partnership (CNGVP) to promote greater deployment of natural gas vehicles in California. These actions are to: 1) recognize revenue up to \$170,000 in membership dues from participating and future members of the CNGVP into the Natural Gas Vehicle Partnership Fund (40); 2) transfer \$25,000 from the Clean Fuels Program Fund (31) into Fund 40 for South Coast AQMD's two-year membership for FYs 2020-21 and 2021-22; 3) approve the FYs 2020-21 and 2021-22 CNGVP Budget; 4) authorize the Executive Officer to approve individual expenditures, as approved by the CNGVP, for FYs 2020-21 and 2021-22 up to \$75,000 but not to exceed \$225,000 for each fiscal year; and 5) approve a two-year contract with Gladstein, Neandross and Associates LLC to develop and implement communication strategies for the CNGVP in an amount not to exceed \$192,000 from Fund 40. (Reviewed: Technology Committee, August 21, 2020; Recommended for Approval)

Establish Special Revenue Fund, Recognize Funds, Execute Contract for Installation and Maintenance of Air Filtration Systems and Reimburse General Fund for Administrative Costs

Miyasato/3249

In May 2019, the Board recognized \$7,100,000 into the Air Filtration Fund (75) from the Aliso Supplemental Environmental Project (SEP) Fund to install air filtration systems at schools in Environmental Justice communities in Los Angeles County. To facilitate program tracking and auditing, these actions are to establish the Aliso Canyon Air Filtration Special Revenue Fund (84), recognize \$7,100,000 into Fund 84 instead of Fund 75, authorize the Chairman to execute a contract with IQAir North America for installation and maintenance of air filtration systems at schools in an amount not to exceed \$6,745,000 from Fund 84, and reimburse the General Fund for administrative costs up to \$355,000 from Fund 84. (Reviewed: Technology Committee, August 21, 2020; Recommended for Approval)

7. Amend Contract to Provide Short- and Long-Term Systems Development, Maintenance and Support Services

Moskowitz/3329

South Coast AQMD currently has contracts with several companies for short-and long-term systems development, maintenance and support services. These contracts are periodically amended as additional needs are defined. This action is to amend contracts previously approved by the Board to add additional funding for needed development and maintenance work in an amount not to exceed \$65,000 for AgreeYa Solutions, \$55,000 for Prelude Systems, \$219,790 for Sierra Cybernetics, and \$220,000 for Varsun eTechnologies. Funding is available in Information Management's FY 2020-21 Budget. (Reviewed: Administrative Committee, August 14, 2020; Recommended for Approval)

8. Issue RFP for Legislative Representation in Sacramento, California

Alatorre/3122

The current contracts for legislative representation in Sacramento, California expire on December 31, 2020. This action is to issue an RFP for legislative consulting services for South Coast AQMD in Sacramento for 2021. The RFP will also indicate that the contract(s) may be extended for up to two additional one-year terms. Total expenditures for the contract(s) shall not exceed \$365,000 for the initial one-year period. (Reviewed: Administrative Committee, August 14, 2020; Recommended for Approval)

9. Appropriate Funds and Amend Existing Contract for Consultant Services for South Coast AQMD's Why Healthy Air Matters Program and Environmental Justice Outreach and Initiatives, Appropriate Funds for Clean Air Program for Elementary Students, and Modify Existing Board Approved Policy

Alatorre/3122

At the August 7, 2020 meeting, the Board discussed expansion of the Why Healthy Air Matters (WHAM) Program and the elementary school education program. These actions are to amend the contract for consultant services for WHAM to add \$1,000,000 per year in FY 2020-21, FY 2021-22, and FY 2022-23; amend the contract for consultant services for the Environmental Justice Outreach and Initiatives to add \$100.000 in FY 2020-21 and the amount of \$260,000 per year in FY 2021-22 and FY 2022-23; and appropriate \$100,000 per year in FY 2020-21, FY 2021-22, and FY 2022-23 for Clean Air Program for Elementary Students (C.A.P.E.S.), modify the existing Board-approved policy requiring the transfer of 20 percent of annual penalty money received that exceeds \$4 million from the General Fund to the Health Effects Research Fund (48). Prior to making any transfers to the Health Effects Research Fund (48). the identified penalty money would instead be used to fund WHAM, Environmental Justice Outreach and Initiatives, and C.A.P.E.S. If enough funding is not available for these programs in FY 2021-22 or FY 2022-23 based on this formula, further Board action will be required. (Reviewed: Administrative Committee, August 14, 2020; Recommended for Approval)

10. Appoint Alternate Medical Member to Hearing Board

Thomas/3268

On June 7, 2019, the Governing Board directed staff to recruit for the vacant Alternate Medical Member position on the South Coast AQMD Hearing Board. Twelve applications were submitted between July 2019 through April 2020, with two candidates meeting the required qualifications. As required by state law, an appointed Hearing Board Advisory Committee (Advisory Committee) reviewed the application materials for both candidates. The Advisory Committee agreed to waive their interview of the candidates and recommended that the candidates move forward for interviews with the Governing Board's Administrative Committee. The Administrative Committee interviewed the candidates at its meeting on August 14, 2020. This action is to appoint an Alternate Medical Member to fill the unexpired term ending June 30, 2022. (Reviewed: Administrative Committee, August 14, 2020; Recommended for Approval)

Issue New and Amended Solicitations, Approve Reallocation of Funds, and Approve Award and Contract Modifications as Approved by MSRC

McCallon

The Mobile Source Air Pollution Reduction Review Committee (MSRC) approved an RFP for website maintenance and hosting and amendments to the Program Announcement for transportation to major event centers. Additionally, the MSRC approved a reallocation in their partnership with South Coast AQMD for near-zero trucks, and an award to launch the implementation of a new program targeting the last segment of goods delivery. The MSRC also authorized the modification of two contracts/awards. At this time the MSRC seeks Board approval of the contract award, contract modifications, and reallocation, and to release the new and amended solicitations as part of the FYs 2016-18 and 2018-21 Work Programs. (Mobile Source Air Pollution Reduction Review, August 20, 2020; Recommended for Approval)

Items 12 through 19 - Information Only/Receive and File

12. Legislative, Public Affairs, and Media Report

Alatorre/3122

This report highlights the July 2020 outreach activities of the Legislative, Public Affairs and Media Office, which includes: Major Events, Community Events/Public Meetings, Environmental Justice Update, Speakers Bureau/Visitor Services, Communications Center, Public Information Center, Business Assistance, Media Relations and Outreach to Business and Federal, State and Local Government. (No Committee Review)

13. Hearing Board Report

Prussack/2500

This reports the actions taken by the Hearing Board during the period of July 1 through July 31, 2020. (No Committee Review)

14. Civil Filings and Civil Penalties Report

Gilchrist/3459

This reports the monthly penalties from June 1, 2020 through July 31, 2020, and legal actions filed by the General Counsel's Office from June 1 through June 31, 2020. An Index of South Coast AQMD Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, August 21, 2020)

15. FY 2019-20 Contract Activity

Jain/2804

This report lists the number of contracts let during FY 2019-20, the respective dollar amounts, award type, and the authorized contract signatory for the South Coast AQMD. This report includes the data provided in the March 2020 report covering contract activity for the first six months of FY 2019-20. (No Committee Review)

16. Lead Agency Projects and Environmental Documents Received

Nakamura/3105

This report provides a listing of CEQA documents received by the South Coast AQMD between July 1, 2020 and July 31, 2020, and those projects for which the South Coast AQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, August 21, 2020)

17. Report of RFPs/RFQs Scheduled for Release in September Jain/2804

This report summarizes the RFPs/RFQs for budgeted services over \$100,000 scheduled to be released for advertisement for the month of September. (Reviewed: Administrative Committee, August 14, 2020)

18. Rule and Control Measure Forecast Fine/2239

This report highlights South Coast AQMD rulemaking activities and public hearings scheduled for 2020. (No Committee Review)

19. Status Report on Major Ongoing and Upcoming Projects for Information Management

Moskowitz/3329

Information Management is responsible for data systems management services in support of all South Coast AQMD operations. This action is to provide the monthly status report on major automation contracts and planned projects. (Reviewed: Administrative Committee, August 14, 2020)

20. Items Deferred from Consent Calendar

BOARD CALENDAR

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

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

23. Legislative Committee

Alatorre/3122 Chair: Mitchell

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

Agenda Item Recommendation

AB 1714 (Aguiar-Curry) Emissions limitations: wine fermentation

Continue

SB 662 (Archuleta) Energy: Support

transportation sector: hydrogen

Fine/2239 24. Mobile Source Committee (Receive & File) Chair: Burke

Dejbakhsh/2618 25. Stationary Source Committee (Receive & File) **Chair: Benoit**

Miyasato/3249 26. Technology Committee (Receive & File) Chair: Buscaino

27. Mobile Source Air Pollution Reduction Review Committee (Receive & File)

Board Liaison: Benoit Berry/2363

28. California Air Resources Board Monthly Report (Receive & File)

Board Rep: Mitchell Thomas/2500

Staff Presentation/Board Discussion

29. Status Report on Regulation XIII - New Source Review

Dejbakhsh/2618

This report presents the state and federal Final Determination of Equivalency for January 2018 through December 2018. As such, it provides information regarding the status of Regulation XIII – New Source Review in meeting state and federal NSR requirements and shows that South Coast AQMD's NSR program is in final compliance with applicable state and federal requirements from January 2018 through December 2018. (No Committee Review)

30. Budget and Economic Outlook Update (*Presentation In Lieu of Board Letter*)

Whynot/3104

Staff will provide an update on economic indicators and key South Coast AQMD metrics. (Reviewed: Administrative Committee, August 14, 2020)

PUBLIC HEARING

31. Determine That Proposed Amendments to Rule 1111 –
Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type
Central Furnaces, and Revisions to Clean Air Furnace Rebate
Program Are Exempt from CEQA; Amend Rule 1111 and
Approve Revisions to Clean Air Furnace Rebate Program

Nakamura/3105

Rule 1111 establishes a NOx emission limit of 14 ng/J for residential and commercial gas furnaces. Proposed Amended Rule 1111 will extend the mitigation fee alternative compliance option from October 1, 2020 to September 30, 2021 for weatherized furnaces and extend the exemption from October 1, 2020 to September 30, 2021 for high-altitude furnaces. The proposed amendments would also include an exemption for gas-electric dual fuel systems with low-NOx furnaces (40 ng/J) installed at high altitudes until September 30. 2022. Staff is also recommending modifications to the Clean Air Furnace Rebate program to increase funding and consumer rebates. This action is to adopt the Resolution: 1) Determining that the proposed amendments to Rule 1111 -Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces, and revisions to the Clean Air Furnace Rebate Program are exempt from the requirements of the California Environmental Quality Act; 2) Amending Rule 1111 - Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces; and 3) Recognizing into the Air Quality Investment Fund 27 (Rule 1111), \$3,500,000 and revising the Clean Air Furnace Rebate Program to incentivize installation of 14 ng/J furnaces and electric heat pumps. (Reviewed: Stationary Source Committee, August 21, 2020)

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

BOARD MEMBER TRAVEL – (No Written Material)

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

CLOSED SESSION - (No Written Material)

Gilchrist/3459

CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION

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

- <u>In the Matter of SCAQMD v. Aerocraft Heat Treating Co., Inc. and Anaplex Corp.</u>, SCAQMD Hearing Board Case No. 6066-1 (Order for Abatement);
- In the Matter of SCAQMD v. Browning-Ferris Industries of California, Inc. dba Sunshine Canyon Landfill, SCAQMD Hearing Board Case No. 3448-14;
- <u>Communities for a Better Environment v. SCAQMD</u>, Los Angeles Superior Court Case No. BS161399 (RECLAIM);
- <u>Communities for a Better Environment v. South Coast Air Quality Management District</u>, Court of Appeals, Second Appellate District, Case No. B294732; (Tesoro)
- <u>Communities for a Better Environment v. South Coast Air Quality Management District</u>, Los Angeles Superior Court Case No. 19STCP05239; (Tesoro II)
- <u>People of the State of California, ex rel. SCAQMD v. Exide Technologies, Inc.</u>, Los Angeles Superior Court Case No. BC533528;
- In re: Exide Technologies, Inc., U.S. Bankruptcy Court, District of Delaware, Case No. 13-11482 (KJC) (Bankruptcy Case); Delaware District Court, Case No.: 19-00891 (Appellate Case); United States Court of Appeals, Third Circuit, Case No. 20-1858;
- <u>In re: Exide Holdings Inc.</u>, U.S. Bankruptcy Court, District of Delaware, Case No. 20-11157 (CSS) (Bankruptcy Case);
- In the Matter of SCAQMD v. Southern California Gas Company, Aliso Canyon Storage Facility, SCAQMD Hearing Board Case No. 137-76 (Order for Abatement); People of the State of California, ex rel SCAQMD v. Southern California Gas Company, Los Angeles Superior Court Case No. BC608322; Judicial Council Coordinated Proceeding No. 4861;
- <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 19258941;</u>

- <u>Downwinders at Risk et al. v. EPA</u>, United States Court of Appeals, D.C. Circuit, Case No. 19-1024 (consolidated with <u>Sierra Club, et al. v. EPA</u>, No. 15-1465);
- <u>SCAQMD</u>, et al. v. <u>Elaine L. Chao</u>, 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 Union of Concerned Scientists v. NHTSA. No. 19-1230):
- SCAQMD, et al. v. NHTSA, EPA, et al., United States Court of Appeals, D.C. Circuit, Filed May 28, 2020;
 and
- <u>Association of Irritated Residents v. U.S. EPA, SCAQMD, SJVUAPCD, et al.</u>, United States Court of Appeals, D.C. Circuit, Case No. 19-71223.

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 (four 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).

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

CONFERENCE WITH LABOR NEGOTIATORS

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

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

PUBLIC EMPLOYEE PERFORMANCE EVALUATIONS

It Is also necessary to recess to closed session pursuant to Government Code Section 54957, as specified below:

Title: Executive OfficerTitle: General Counsel

ADJOURNMENT

PUBLIC COMMENTS

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

All agendas are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the meeting. At the end 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

Instructions for Participating in a Virtual Meeting as an Attendee

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

Please note: During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

After each agenda item, the Chairman will announce public comment.

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

A countdown timer will be displayed on the screen for each public comment.

If interpretation is needed, more time will be allotted.

Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.

Directions for Video ZOOM on a DESKTOP/LAPTOP:

- If you would like to make a public comment, please click on the "Raise Hand" button on the bottom of the screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for Video Zoom on a SMARTPHONE:

- If you would like to make a public comment, please click on the "Raise Hand" button on the bottom of your screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for TELEPHONE line only:

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



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 1

MINUTES: Governing Board Monthly Meeting

SYNOPSIS: Attached are the Minutes of the August 7, 2020 meeting.

RECOMMENDED ACTION:

Approve Minutes of the August 7, 2020 Board Meeting.

Faye Thomas Clerk of the Boards

FT:cmw

FRIDAY, AUGUST 7, 2020

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

William A. Burke, Ed.D., Chairman Speaker of the Assembly Appointee

Council Member Ben Benoit, Vice Chairman Cities of Riverside County

Supervisor Lisa A. Bartlett County of Orange

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

Senator Vanessa Delgado (Ret.) Senate Rules Committee Appointee

Gideon Kracov Governor's Appointee

Mayor Larry McCallon
Cities of San Bernardino County

Council Member Judith Mitchell
Cities of Los Angeles County – Western Region

Supervisor V. Manuel Perez County of Riverside

Council Member Carlos Rodriguez Cities of Orange County

Supervisor Janice Rutherford County of San Bernardino

Members absent:

Supervisor Kathryn Barger County of Los Angeles

Council Member Joe Buscaino City of Los Angeles

CALL TO ORDER: Chairman Burke called the meeting to order at 9:05 a.m.

- Pledge of Allegiance: Led by Chairman Burke
- Opening Comments

Supervisor Rutherford commented on the August 6, 2020 San Bernardino County Employees' Retirement Association (SBCERA) Board meeting that included discussion regarding the decision by the California Supreme Court in the case known as <u>Alameda County Deputy Sheriffs' Association v. Alameda County Employees' Retirement Association</u>. Over 200 individuals attended the meeting, including many South Coast AQMD employees and retirees who provided public comment. She noted that the SBCERA Board had adopted a Resolution at the August 6 meeting to implement the court's decision and read a statement from the SBCERA Board.

Council Member Cacciotti announced that he recently visited Coast Rail Services in Anaheim which is using repurposed Tesla and Nissan Leaf batteries in locomotives. He encouraged Board members to visit the facility and see the project that is funded by South Coast AQMD. He also noted that he and Board Member Kracov visited the City of Glendora to promote electric lawn and garden equipment.

Council Member Mitchell gave an update on recent CARB regulatory activities, including the Advanced Clean Truck Regulation that was adopted on June 25; and the Heavy-Duty Engine and Vehicle Omnibus and Ocean-Going Vessels At-Berth regulations, which will be considered on August 27, 2020, noting proposed emission reductions within these rules.

Mr. Nastri reassured the Board that core business operations continue during this challenging time, including rulemaking and community outreach. Staff continue to be effective in the field conducting inspections and responding to complaints even though working remotely. He also thanked Supervisor Rutherford for her efforts and leadership on the SBCERA Board.

Chairman Burke acknowledged the retirement of Mike Garibay, Source Testing Manager, and recognized his 31 years of dedicated service to the South Coast AQMD on behalf of the Board.

CONSENT CALENDAR

1. Approve Minutes of June 5, 2020 Board Meeting

2. Set Public Hearing September 4, 2020 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations

Determine That Proposed Amendments to Rule 1111 – Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces, and Revisions to Clean Air Furnace Rebate Program Are Exempt from CEQA; Amend Rule 1111 and Approve Revisions to Clean Air Furnace Rebate Program

Budget/Fiscal Impact

- Execute Contract to Investigate Effects of Ethanol-Gasoline Fuel Blend from Light-Duty Vehicles on Criteria Emissions and Secondary Organic Aerosol Formation
- 4. Recognize Revenue, Appropriate Funds, and Issue Solicitations and Purchase Orders for Air Monitoring
- Amend Contract to Clarify Ownership of Equipment Funded by South Coast AQMD in High Efficiency and Low-NOx Combo Ribbon Burner Combustion System Demonstration
- 6. Adopt Resolution Recognizing Funds for FY 2019-20 Carl Moyer State Reserve Program and Redistribute Funding Sources for Incentive Projects to Facilitate Timely Implementation
- 7. Issue Program Announcement for Zero-Emission Class 8 Freight and Port
 Drayage Trucks Eligible Under Statewide Volkswagen Environmental Mitigation
 Trust Program and Execute Contracts for Selected Eligible Projects
- 8. Issue RFP for Qualified Installers of Global Positioning Devices for Marine Vessel Projects
- Establish a List of Prequalified Counsel to Represent and Advise South Coast AQMD Hearing Board
- 10. Approve Fund Transfer for Miscellaneous and Direct Expenditures Costs in FY 2020-21 as Approved by MSRC

<u>Items 11 through 18 – Information Only/Receive and File</u>

- 11. Legislative, Public Affairs and Media Report
- 12. Hearing Board Report
- 13. Civil Filings and Civil Penalties Report
- 14. Lead Agency Projects and Environmental Documents Received
- 15. Rule and Control Measure Forecast
- 16. Status Report on Major Ongoing and Upcoming Projects for Information Management
- 17. California Fuel Cell Partnership Executive Board Meeting Agenda and Activity Update
- 18. Report to Legislature and CARB on South Coast AQMD's Regulatory Activities for Calendar Year 2019

Council Member Mitchell noted that she has no financial interests in Item Nos. 3 and 6 but is required to identify for the record that she is a Board Member of CARB, which is involved in these items.

Due to requests to speak and Board member questions on Consent Calendar items 3 and 7, the vote on the Consent Calendar was deferred until after those comments were made.

19. Items Deferred from Consent Calendar

3. Execute Contract to Investigate Effects of Ethanol-Gasoline Fuel Blend from Light-Duty Vehicles on Criteria Emissions and Secondary Organic Aerosol Formation

Council Member Cacciotti expressed support for the project and inquired about what methods would be used to conduct the study. He also inquired about possible conclusions of the study.

Dr. Matt Miyasato, DEO/Science and Technology Advancement, explained that the study will evaluate how gasoline with higher ethanol blends will affect California emissions. The study will inform CARB on how they may regulate the fuel, automotive makers on how they may be able to control emissions from the different blends and provide a better understanding of the air quality and health impacts. Dr. Miyasato stated that vehicle tailpipe emissions from different blends will be collected and put into the smog chamber at University of California, Riverside/CE-CERT to measure the resulting ozone emissions.

Harvey Eder, Public Solar Power Coalition, expressed concerns about CO2 levels, climate change and the artic melting. He urged support for research on alcohol fuels.

MOVED BY CACCIOTTI, SECONDED BY BENOIT, AGENDA ITEM NO. 3 APPROVED AS RECOMMENDED, BY THE FOLLOWING VOTE:

AYES: Bartlett, Benoit, Burke, Cacciotti,

Delgado, Kracov, McCallon, Mitchell, Perez and Rodriguez

NOES: None

ABSTAIN: Rutherford

ABSENT: Barger and Buscaino

7. Issue Program Announcement for Zero-Emission Class 8 Freight and Port Drayage Trucks Eligible Under Statewide Volkswagen Environmental Mitigation Trust Program and Execute Contracts for Selected Eligible Projects

Chairman Burke expressed concern that it was reported in a recent newspaper article that the Board had already approved this item. He also inquired about the South Coast AQMD's role in the distribution of funds for the program.

Mr. Nastri, Executive Officer, commented that South Coast AQMD is the statewide administrator on behalf of CARB for two of the five VW Environmental Mitigation Trust Program funding categories. The article announced that these funds were released and would be distributed to air districts for eligible projects; however, the South Coast AQMD Board must approve all expenditures of funds.

Emily Spokes, North East Los Angeles (NELA) Climate Collective, commented that she recently spoke with the Mayor of Los Angeles on a Neighborhood Council call and he mentioned working with Council Member Buscaino and commented that the South Coast AQMD is a leader in efforts to clean the air.

MOVED BY CACCIOTTI, SECONDED BY MITCHELL, AGENDA ITEM NO. 7 APPROVED AS RECOMMENDED, BY THE FOLLOWING VOTE:

AYES: Bartlett, Benoit, Cacciotti,

Delgado, Kracov, McCallon, Mitchell, Perez, Rodriguez and

Rutherford

NOES: Burke

ABSENT: Barger and Buscaino

MOVED BY CACCIOTTI, SECONDED BY PEREZ, AGENDA ITEMS 1, 2, 4, 5, 6 AND 8 THROUGH 18 APPROVED AS RECOMMENDED, ADOPTING RESOLUTION NO. 20-12 RECOGNIZING GRANT FUNDS AND APPROVING THE SOUTH COAST AQMD'S PARTICIPATION IN THE FY 2019-20 (YEAR 22) CARL MOYER PROGRAM STATE RESERVE PROGRAM, BY THE FOLLOWING VOTE:

AYES: Bartlett, Benoit, Burke, Cacciotti,

Delgado, Kracov, McCallon, Mitchell, Perez, Rodriguez and

Rutherford

NOES: None

ABSENT: Barger and Buscaino

BOARD CALENDAR

20. Administrative Committee

- 21. Legislative Committee
- 22. Mobile Source Committee
- 23. Stationary Source Committee
- 24. Technology Committee
- 25. Mobile Source Air Pollution Reduction Review Committee
- 26. California Air Resources Board Monthly Report

Item No. 21 was held for comment and discussion.

21. Legislative Committee

Mayor McCallon expressed concern about the general obligation bond proposed under AB 3256 (E. Garcia) and asked that it be voted on separately from the other legislative items under consideration.

Supervisor Perez asked for an update on this legislation.

Phillip Crabbe III, Public Affairs Manager, responded that the bill is in the Senate Rules committee and preliminary indications are that the bill will not be moved this year but could be moved at the last minute. South Coast AQMD has submitted a letter of support if the bill is amended to include an additional \$500 million for air quality funding.

Chairman Burke asked how much of the \$500 million would be allocated to South Coast AQMD and Mr. Crabbe responded that it would be 43 percent.

Supervisor Bartlett noted her opposition to AB 3256.

Council Member Rodriguez requested coordination with the Orange County Council of Governments (OCCOG) regarding legislation so that he can have a clear understanding when voting on legislation on behalf of the cities that he represents. He noted that he would abstain from this item.

Chairman Burke inquired whether there is coordination with the Council of Governments (COGs).

Derrick Alatorre, DEO/Legislative, Public Affairs and Media explained that legislative items are considered in the Legislative Committee without the

coordination of COGs; however, there are times when organizations will register a position on certain items under consideration.

Mr. Nastri responded that staff attends COG meetings and discusses legislation when appropriate. Staff is very engaged in knowing which organizations are supporting or opposing legislation but will ensure that there is better coordination with the COGs in the future. The South Coast AQMD's position on legislation is focused on fulfilling the mission of providing clean air and improving the quality of life for all residents in the South Coast Basin and providing information to the Board to make an informed decision.

Council Member Mitchell commented on the difficulty of coordinating with the COGs in all four counties and noted that it is incumbent on the COGs to keep informed on current legislation and coordinate with their appropriate regional bodies.

Chairman Burke commented on the benefits of mutual support with COGs.

Council Member Rodriguez suggested that an email be sent to the OCCOG after the Legislative Committee meeting to inform them about upcoming recommendations on legislation. He mentioned that South Coast AQMD has a seat and vote on the OCCOG.

Supervisor Perez inquired about funding in the current bill.

Mr. Alatorre explained that there are some funds allocated to the Coachella Valley and Salton Sea but the amendment that is being requested would add another \$500 million for air quality funding.

Harvey Eder expressed support for solar equity issues in all legislation.

Mr. Ranji George, a member of the public, expressed concerns about consumer battery waste in landfills. He urged the Board to support funding for battery recycling projects.

SUPERVISOR PEREZ MADE A MOTION APPROVING THE FOLLOWING RECOMMENDATION ON AB 3256, THE MOTION WAS SECONDED BY COUNCIL MEMBER MITCHELL, AND FAILED BY THE FOLLOWING VOTE:

AYES: Burke, Cacciotti, Delgado,

Kracov, Mitchell and Perez

NOES: Bartlett, McCallon and Rutherford

ABSTAIN: Benoit and Rodriguez

ABSENT: Barger and Buscaino

Agenda Item Recommendation

AB 3256 (E. Garcia) Economic Recovery, Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020

Support if Amended

There was discussion about the outcome of the vote and other action that could be taken.

Bayron Gilchrist, General Counsel, noted that any Board Member could move to have the item reconsidered.

> MOVED BY MITCHELL. SECONDED BY CACCIOTTI, AGENDA ITEM NO. APPROVED. RECEIVING THE LEGISLATIVE COMMITTEE REPORT, AND APPROVING THE FOLLOWING **POSITIONS** ON LEGISLATION, BY THE FOLLOWING VOTE:

> AYES: Bartlett, Benoit, Burke, Cacciotti,

> > Delgado. Kracov, McCallon, Mitchell, Perez and Rutherford

NOES: None

ABSTAIN: Rodriguez

ABSENT: Barger and Buscaino

Agenda Item Recommendation

AB 2882 (Chu) Hazardous emissions: and substances: school sites: private

and charter schools

SB 895 (Archuleta) Energy: zero-emission fuel, infrastructure, and transportation

technologies

Support

Support

MOVED BY MITCHELL, SECONDED BY BENOIT, AGENDA ITEMS 20 AND 22 THROUGH 26, APPROVED AS RECOMMENDED, RECEIVING AND FILING THE COMMITTEE, MSRC AND CARB REPORTS, BY THE FOLLOWING VOTE:

AYES: Bartlett, Benoit, Burke, Cacciotti,

Delgado, Kracov, McCallon, Mitchell, Perez, Rodriguez and

Rutherford

NOES: None

ABSENT: Barger and Buscaino

Staff Presentation/Board Discussion

27. Support California Proposition 16, Repeal of Proposition 209, Placed on November 2020 Ballot for Voter Consideration

Derrick Alatorre, DEO/Legislative, Public Affairs and Media, gave the staff presentation on Item No. 27.

Council Member Mitchell expressed support for Proposition 16 and commented that this is the appropriate time to be addressing race and ethnicity issues.

Supervisor Rutherford commented that she has spent considerable time studying racism and affirmative action and has not reached a decision about Proposition 16. She expressed concerns regarding institutionalized racism that has plagued the country for too long and the need to address societal and political issues surrounding racism. She noted that this item is not directly related to the South Coast AQMD's mission to provide clean air and improve air quality in the South Coast Air Basin; therefore, it is not appropriate for the Board to take a position on this matter.

Supervisor Bartlett concurred with Supervisor Rutherford's comments and stated that the Orange County Board of Supervisors has not taken a position on Proposition 16 and is conducting further research. She noted that she would be abstaining on the item.

Senator Delgado commented that persons of color and underserved communities disproportionally suffer from poor air quality and it is incumbent on the South Coast AQMD to work to improve this inequity. She recommended that the Board go beyond supporting Proposition 16 and create a policy to improve inclusivity and racial equity by looking at hiring practices at South Coast AQMD, including hiring staff from AB 617 communities to reflect the communities that South Coast AQMD serves. She also recommended establishing measurable contract goals that support minority-owned, women-owned, small disadvantaged, and veteran-owned businesses in contracting activities. Lastly, she recommended tripling the budget for the Clean Air Ranger Education and Why Healthy Air Matters education programs to increase awareness in environmental justice communities on air quality and environmental issues. She urged the Board to consider using settlement funds to expand those programs and outreach to improve racial injustice.

Chairman Burke thanked Senator Delgado for her comments and suggestions and asked staff to report back on the legal implications of the proposals.

Council Member Rodriguez concurred with the comments made by Senator Delgado and fellow Board members and stated that this is the time to re-examine and pursue goals that support social and racial equity. He reflected on his experiences growing up in the Bronx in New York City and the opportunities this country offers that allowed him to follow a path to a better life. He noted that he is closely examining the issues of Proposition 16 and reiterated his request that staff coordinate legislative matters with the OCCOG so that he is better prepared to vote on legislative matters before the Board. He noted that he would be abstaining from this item.

Supervisor Perez expressed support for Supervisor Delgado's motion and asked that staff present to the Board an analysis of efforts at South Coast AQMD to expand inclusivity and equity in the workplace and the expansion of educational programs in underserved communities.

Chairman Burke commented on recent efforts that staff is pursuing to address diversity at South Coast AQMD, and the educational programs that have been implemented in communities to expand outreach. He reflected on how things have improved and the progress that has been made since he first joined the Board. He asked staff to update the Board on diversity efforts and prepare a budget analysis for expanding educational programs.

Mr. Gilchrist commented that staff took steps several weeks ago to address and improve inclusivity and diversity at South Coast AQMD.

Mr. Nastri commented that staff will be providing an update on initiatives to support and improve inclusion and diversity at next week's Administrative Committee meeting. Since the South Coast AQMD issued a statement regarding Black Lives Matter, an internal survey soliciting anonymous input from employees on inclusion, diversity and equity issues was conducted and hundreds of comments were received covering a wide diversity of views. An Inclusion, Diversity

and Equity Advisory panel (IDEA) composed of employees was created to make recommendations on a wide range of topics to improve the workplace. The IDEA panel will evaluate demographic information that was provided, which shows the breakdown of South Coast AQMD staff by organization and department, as well as new hires and promotions as there is opportunity for improvement. Staff also reached out to guest speakers who can provide insight on this issue. U.S. Representative Karen Bass has agreed to speak on issues of equity, and we have reached out to Kareem Abdul-Jabbar's Skyhook Foundation, which is involved in promoting STEM-based educational programs to students in underserved communities. In addition, we have joined the Government Alliance on Race and Equity.

Board Member Kracov commented on the work by South Coast AQMD over the last several decades to improve diversity. He concurred with the proposals introduced by Senator Delgado. He expressed support for Proposition 16 noting that it will help create equal opportunities for all Californians and fight discrimination against women and people of color in public contracting, employment and education. He noted that race and ethnicity are unfortunately one of the highest correlators to exposure to pollution and commented on the many sources of pollution that impact underserved communities of color and increase their susceptibility to COVID-19.

Konstantin Hatcher urged the Board to support Proposition 16 and expressed the need to improve interagency inclusiveness and racial equity through the reevaluation of current policies. He expressed concerns about noise, debris, water runoff and emissions from Atlas Metals, which is located adjacent to Jordan High School and the Jordan Down housing project in Watts. He noted that several complaints have been filed with the Department of Toxic Substances Control. He also spoke in support of L.A. City Council President Herb Wesson's motion three weeks ago to direct the Los Angeles Department of Building and Safety to review all facilities across the city which pose potentially dangerous environmental threats to schools and sensitive receptors.

Chairman Burke commented that he is aware of the concerns and complaints related to Atlas Metals and noted that their operations do not require a permit. He asked Mr. Nastri to update the Board on this matter.

Mr. Nastri responded that South Coast AQMD has been actively involved in an ongoing investigation of the complaints related to Atlas metals and recently responded to a letter from the Los Angeles Unified School District (LAUSD). Staff is coordinating efforts with the L.A. City Attorney and the Department of Toxic Substances Control (DTSC), but cannot comment on an ongoing investigation. Staff will update the Board when appropriate.

Anna Christensen, Sierra Club, commented on issues of racism, diversity and oppression.

Ranji George expressed support for contract awards for minority businesses and suggested that the Board consider installing training institutes in disadvantaged communities to assist businesses in competing for contracts.

Chairman Burke commented on the lack of minorities who have environmental legal experience and the need to expand opportunities in this field as well as other fields.

Pastor Robert Taylor, Watts Area Ministers, expressed concerns about the ongoing dust, debris and air quality impacts from Atlas Metals near Jordan High School and the Jordan Downs housing community.

COUNCIL MEMBER MITCHELL MADE A MOTION APPROVING AGENDA ITEM 27, AND DIRECTING STAFF TO PREPARE A RECOMMENDATION TO TRIPLE BUDGET FOR THE WHY HEALTHY AIR MATTERS (WHAM) AND CLEAN RANGER EDUCATION PROGRAMS FOR THE ADMINISTRATIVE COMMITTEE'S REVIEW AND RETURN TO THE BOARD TO SEEK APPROVAL FOR THE ADDITIONAL FUNDS, MOTION WAS SECONDED THE SENATOR DELGADO AND APPROVED, BY THE FOLLOWING VOTE:

AYES:

Bartlett* (Abstain from Proposition 16), Benoit, Burke, Cacciotti, Delgado, Kracov, McCallon* (Abstain from Proposition 16), Mitchell, Perez, Rodriguez* (Abstain from Proposition 16) and Rutherford* (Abstain from Proposition 16)

NOES: None

ABSTAIN: Bartlett, McCallon, Rodriguez and

Rutherford (Proposition 16 only)

ABSENT: Barger and Buscaino

* Bartlett, McCallon, Rodriguez and Rutherford abstained from Proposition 16 but noted their support for Senator Delgado's recommendation to increase funding for the WHAM and Clean Air Ranger Education Programs.

28. Budget and Economic Outlook Update (Presentation In Lieu of Board Letter)

Jill Whynot, Chief Operating Officer, gave the staff presentation on Item No. 28.

Council Member Rodriguez inquired about the Administrative Committee's rationale to not extend the permit reinstatement grace period and reduce associated late fees.

Chairman Burke stated that the Administrative Committee did not see a need to change the policy because South Coast AQMD's reinstatement policy is flexible and in line with the other air districts.

Council Member Rodriguez asked for clarification on the significant number of permits that are expiring in July 2020 in comparison to the number of expired permits in 2019.

Ms. Whynot explained that there are 468 permit renewals that have not been paid on time as of July 2020 and could potentially expire; however, this is a worst case scenario as there is still time for those permits to be reinstated. The number of expired permits shown for 2019, a total of 83, is the actual number of permits that were not renewed. She added that most expired permits are typically paid within a year and the majority get paid within 30-60 days of being late.

Council Member Rodriguez expressed concern that historical data on the reinstatement of permits may not apply amid a pandemic as businesses are looking for economic relief to stay afloat. He noted the importance for staff to continue monitoring this issue and consider possible relief for businesses.

Chairman. Burke commented that the total revenue from reinstatement fees are a relatively small amount.

Council Member Rodriguez suggested that South Coast AQMD absorb the fees and not add to the expense of businesses.

In response to Council Member Rodriguez request for data on the number of businesses that are minority-owned, Ms. Whynot responded that demographic data on ethnicity for permitted businesses is not available to South Coast AQMD.

Chairman Burke added that data is available on the size of businesses and noted the importance of protecting small businesses as they are the backbone of the economy.

Mr. Nastri stated that staff would provide a breakdown of expired permits by business size, as well as track potential versus actual permits that have expired for the previous month in subsequent reports. He reassured the Board that staff continues to work with industry to address challenges due to the pandemic, while

keeping track of revenues and expenditures to ensure there is no delay in projects that are in progress or impact in processing of permits for those programs.

Council Member Rodriguez commented on providing relief to businesses that are in the last three months of the 12-month reinstatement period as they may have been prepared to pay but with the onset of the pandemic are hurting financially. He noted the importance of identifying businesses that are minority-owned, in light of Proposition 16.

Chairman Burke recommended that staff evaluate options that could provide assistance to businesses that are at the end of the 12-month reinstatement period and present at the Administrative Committee meeting.

Council Member Cacciottii inquired about the average total number of permit applications filed annually and the status of efforts to reduce the number of permit applications.

Ms. Whynot commented that the total number of permit applications include permits for new equipment, change of ownership and modifications to existing permits. She also noted that Permitting staff continues to exceed the 50 percent reduction goal from the initial June 2016 baseline despite the high staff vacancy rate and processing more challenging permits.

RECEIVE AND FILE; NO ACTION NECESSARY

29. Notification to Board of Settlement Discussions (Oral Report/No Written Materials)

Mr. Gilchrist gave the staff presentation on Item No. 29.

Council Member Mitchell was concerned that information would only be provided to individual Board members who express an interest or concern and not to all Board members.

Mr. Gilchrist clarified that the intent is to send the information to all Board members, but individual Board members would have to contact the General Counsel's office for follow-up questions to avoid any violations of the Brown Act.

Chairman Burke discussed the Board's efforts over the past 30 years to not get involved in enforcement actions to avoid the perception of influencing staff; however, the Board is also responsible for public concerns about settlement agreements. He stated that he would not support the proposed policy.

Council Member Mitchell asked whether the Hearing Board report provides information regarding potential settlements that may be of interest to the Board and Mr. Gilchrist responded that it does not.

Chairman Burke recommended that staff continue to work on the policy and report back to the Board. He asked the Board if there were any objections to his recommendation. Hearing none, Chairman Burke directed staff to revise the proposed policy and present it to the Administrative Committee before presenting to the full Board for consideration.

PUBLIC HEARING

30. Determine That Submission of Amended Rule 212 – Standards for Approving Permits and Issuing Public Notice, into the SIP is Exempt from CEQA and Submit Rule 212 for Incorporation into the SIP

The staff report on Item No. 20 was waived.

The public hearing was opened, and there being no requests from the public to comment on this item, the public hearing was closed.

MOVED BY MCCALLON, SECONDED BY CACCIOTTI. AGENDA ITEM NO. 30 APPROVED AS RECOMMENDED. ADOPTING RESOLUTION NO. 20-11 THAT THE **PROPOSED** DETERMINING SUBMISSION OF AMENDED RULE 212 -STANDARDS FOR APPROVING PERMITS AND ISSUING PUBLIC NOTICE. FOR INCORPORATION INTO THE STATE IMPLEMENTATION PLAN (SIP) IS EXEMPT FROM THE REQUIREMENTS OF CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) AND DIRECTING STAFF TO **FORWARD** AMENDED RULE 212 STANDARDS FOR APPROVING PERMITS AND ISSUING PUBLIC NOTICE, TO THE CALIFORNIA AIR RESOURCES BOARD (CARB) FOR APPROVAL AND SUBMISSION TO UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (U.S. EPA) FOR INCORPORATION INTO THE SIP, BY THE **FOLLOWING VOTE:**

AYES: Bartlett, Benoit, Burke, Cacciotti,

Delgado, Kracov, McCallon, Mitchell, Perez, Rodriguez and

Rutherford

NOES: None

ABSENT: Barger and Buscaino

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

Ranji George, South Coast AQMD retiree Phil Barroca, South Coast AQMD employee

Expressed concerns about the recent decision in the <u>Alameda County Deputy Sheriff's Association v. Alameda County Employees' Retirement Association</u>. He suggested a 60-day window to allow employees to consider retirement before the decision is implemented.

Chairman Burke inquired if a 60-day window could be considered.

Mr. Gilchrist commented that the request would need to be considered by SBCERA.

Mr. Nastri responded that many employees gave public testimony at the SBCERA meeting yesterday and expressed their concerns. He stated that South Coast AQMD would write a letter to SBCERA supporting a 60-day window.

Supervisor Rutherford noted that SBCERA is obligated by law to enforce any ruling from the Supreme Court.

Carlos Torres, L.A. Unified School District

Timothy Watkins, Watts Labor Community Action Committee

Wendy Avila, Communities for a Better Environment (CBE)

Camille Sosa, teacher at Jordan High School

Stephanie Hernandez translating for Maria Cernas, Jordan High School Parent

Stephanie Hernandez translating for Luis Calderon, Jordan High School Parent

Expressed concerns about long-standing complaints about noise, metal dust, debris, water runoff, lead contamination and emissions from Atlas Metals near Jordan High School and the Jordan Downs housing community in Watts. They expressed health concerns for students and residents experiencing dangerous public health and safety issues emanating from this business. Urged the Board to assist in abating the nuisance.

Mr. Nastri responded that the South Coast AQMD is engaged in an investigation of Atlas Metals with the Los Angeles District Attorney's office, DTSC, LAUSD as well as other agencies. He noted that the business does not require a permit from South Coast

AQMD but is subject to public nuisance rules and state law. Staff will keep the Board apprised of the investigation.

Board Member Kracov commented that he has visited the Atlas Metals site and has public health and safety concerns. He expressed confidence in South Coast AQMD's investigative efforts.

Senator Delgado inquired about lead contamination at Jordan High School and noted that lead contamination complaints can be found on a site called GeoTracker.

Terrence Mann, DEO/Compliance and Enforcement, stated that Atlas is a scrap metal recycling facility and described their operations. He commented that the cutting of metals does produce emissions and the South Coast AQMD is investigating the business.

Jessie Parks Yassi Kavezade, Sierra Club Justice Sandoval, Sierra Club

Expressed concerns regarding the increased number of warehouses, diesel truck emissions and elevated ozone levels impacting the Inland Empire. They urged the Board to prioritize the adoption of ISRs to improve the air quality in underserved communities. Expressed support for zero-emission technologies.

Jennifer Granata, CBE, noted concerns regarding Atlas Metals and expressed support for L.A. City Council President Herb Wesson's motion three weeks ago to direct the L. A. Department of Building and Safety to review all facilities across the city which pose potentially dangerous environmental threats to schools and sensitive receptors.

Mr. Eder expressed concerns about homelessness, fossil fuels, climate change, natural gas and the reported numbers for CO2.

Paul Jackson expressed concerns regarding delays in the "Replace Your Ride" program.

Dr. Miyasato noted that there has been an overwhelming response for the program which has slowed processing time. He noted that he would follow up with Mr. Jackson after the meeting.

Ms. Christensen expressed concerns about air quality in the Long Beach area and emissions from mobile and stationary sources. She commented on the importance of regulating toxic emissions from refineries and requested increased air monitoring near sources of pollution.

CLOSED SESSION

The Board recessed to closed session at 12:35 pm., pursuant to Government Code sections:

CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION

 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 South Coast AQMD is a party. The actions are:

In re: Exide Technologies, Inc., U.S. Bankruptcy Court, District of Delaware, Case No. 13-11482 (KJC) (Bankruptcy Case); Delaware District Court, Case No.: 19-00891 (Appellate Case); United States Court of Appeals, Third Circuit, Case No. 20-1858;

<u>In re: Exide Holdings Inc.</u>, U.S. Bankruptcy Court, District of Delaware, Case No. 20-11157 (CSS) (Bankruptcy Case);

In the Matter of SCAQMD v. Southern California Gas Company, Aliso Canyon Storage Facility, SCAQMD Hearing Board Case No. 137-76 (Order for Abatement); People of the State of California, ex rel SCAQMD v. Southern California Gas Company, Los Angeles Superior Court Case No. BC608322; Judicial Council Coordinated Proceeding No. 4861; and

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 19258941.

CONFERENCE WITH LEGAL COUNSEL – INITIATING LITIGATION

• 54956.9(a) and 54956.9(d)(4) to consider initiation of litigation (one case).

Following closed session, Mr. Gilchrist, 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 1:15 p.m.

The foregoing is a true statement of the proceedings held by the South Coast Air Quality Management District Board on August 7, 2020.

Respectfully Submitted,

	Faye Thomas Clerk of the Boards	
Date Minutes Approved:		
Dr. William A. Burke	, Chairman	

ACRONYMS

CARB = California Air Resources Board

CEQA = California Environmental Quality Act

COG = Council of Governments

DTSC = Department of Toxic Substances Control

FY = Fiscal Year

MSRC = Mobile Source (Air Pollution Reduction) Review Committee

NOx = Oxides of Nitrogen

RFP = Request for Proposals

SIP = State Implementation Plan

U.S. EPA = United States Environmental Protection Agency



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 2

PROPOSAL: Set Public Hearing October 2, 2020 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations:

Certify Final Environmental Assessment and Adopt Rule 1179.1 – NOx Emission Reductions from Combustion Equipment at Publicly Owned Treatment Works Facilities

Proposed Rule (PR) 1179.1 was developed to establish BARCT requirements for combustion equipment located at Publicly Owned Treatment Works facilities. PR 1179.1 establishes NOx, CO, and VOC emission limits for boilers, turbines, and engines. PR 1179.1 also includes provisions for emissions monitoring, reporting and recordkeeping. This action is to adopt the Resolution: 1) Certifying the Final Environmental Assessment for Proposed Rule 1179.1 – NOx Emission Reductions from Combustion Equipment at Publicly Owned Treatment Works Facilities; and 2) Adopting Rule 1179.1 – NOx Reductions from Combustion Equipment at Publicly Owned Treatment Works Facilities. (Reviewed: Stationary Source Committee, August 21, 2020)

The complete text of the proposed amendments, staff report and other supporting documents will be available from the South Coast AQMD's publication request line at (909) 396-2001, or from: Ms. Fabian Wesson – Assistant Deputy Executive Officer/Public Advisor, South Coast AQMD, 21865 Copley Drive, Diamond Bar, CA 91765, (909) 396-2432, PICrequests@aqmd.gov and on the Internet (www.aqmd.gov) as of September 2, 2020.

RECOMMENDED ACTION:

Set Public Hearing October 2, 2020 to Adopt Rule 1179.1

Wayne Nastri Executive Officer



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 3

PROPOSAL: Adopt Resolution Recognizing Funds for FY 2019-20 Community

Air Protection Program Incentives and Reimburse General Fund

for Administrative Costs

SYNOPSIS: In June 2020, South Coast AQMD executed a grant agreement

(G19-MCAP-03) with CARB to receive FY 2019-20 (Year 3) Community Air Protection Program (CAPP) incentive funds in the amount of \$69,824,849, including 6.25% in administrative funds. This action is to adopt a Resolution recognizing CAPP revenue up to \$70 million from CARB into the Community Air Protection AB

134 Fund (77). The revenue will be used to support incentive projects that reduce emissions and improve public health in communities with high burdens of cumulative pollutant exposure, consistent with the goals of AB 617, subject to Board approval. Eligible projects include those submitted under the Carl Moyer and

Proposition 1B-Goods Movement Programs, projects consistent with Community Air Protection Incentives Guidelines, and other incentive projects and programs included in an approved

Community Emissions Reduction Plan. This action is to also reimburse the General Fund for administrative costs incurred

implementing the CAPP grant.

COMMITTEE: Technology, August 21, 2020; Recommended for Approval

RECOMMENDED ACTIONS:

- 1. Adopt the attached Resolution recognizing, upon receipt, up to \$70 million of FY 2019-20 CAPP incentive funds from CARB into the Community Air Protection AB 134 Fund (77); and
- 2. Reimburse the General Fund up to 6.25% of the CAPP Grant amount from the Community Air Protection AB 134 Fund (77).

Wayne Nastri Executive Officer

Background

In June 2019, the Governor approved the Budget Act of 2019 (AB 74), which under Schedule 3 of the Bill appropriated \$245 million for financial incentives to reduce mobile and stationary sources of criteria air pollutants or toxic air contaminants, consistent with community emissions reduction programs pursuant to AB 617. In June 2020, South Coast AQMD executed a grant agreement (G19-MCAP-03) with CARB to receive FY 2019-20 (Year 3) Community Air Protection Program (CAPP) incentive funds in the amount of \$69,824,849, including 6.25% in administrative funds. A Board Resolution is required by CARB prior to the disbursement of these funds.

As specified by the Year 3 grant, the revenue will be used to support incentive projects that reduce emissions and improve public health in communities with high burdens of cumulative pollutant exposure, consistent with the goals of AB 617, subject to Board approval. Eligible projects include those submitted under the Carl Moyer and Proposition 1B-Goods Movement Programs, projects consistent with Community Air Protection Incentives Guidelines, and other incentive projects and programs included in an approved Community Emissions Reduction Program. The grant also includes statewide targets to benefit priority populations, including SB 535 disadvantaged communities AB 1550 communities.

Proposal

These actions are to adopt the attached Resolution recognizing up to \$70 million from CARB into the Community Air Protection AB 134 Fund (77) and reimburse the General Fund up to 6.25% of the CAPP Grant amount from the Community Air Protection AB 134 Fund (77).

Benefits to South Coast AQMD

The implementation of incentive projects funded by the Year 3 CAPP funds will reduce emissions of criteria and toxic air pollutants in communities with high burdens of cumulative pollutant exposure. The CAPP incentive funds will be used for projects that meet or exceed the statewide targets specified by the CAPP incentives grant agreement, including at least 70 percent of the funds for projects in SB 535 disadvantaged communities and at least 80 percent of the funds for projects benefiting AB 1550 communities.

The funds will be used for projects that reduce emissions beyond what is required by existing regulations, and these reductions will continue throughout the life of the projects, resulting in long-term emissions reduction and public health benefits.

Resource Impacts

South Coast AQMD will receive up to \$70 million from CARB for FY 2019-20 (Year 3) CAPP incentive funds, which will be recognized into the Community Air Protection AB 134 Fund (77). Administrative costs will not exceed 6.25%.

Attachment

A Resolution of the South Coast AQMD Governing Board Recognizing FY 2019-20 Community Air Protection Incentive Funds

RESOLUTION NO. 20-

A Resolution of the South Coast Air Quality Management District Governing Board Recognizing FY 2019-20 Community Air Protection Incentive Funds

WHEREAS, under Health & Safety Code §40400 et seq., the South Coast Air Quality Management District (South Coast AQMD) is the local agency with the primary responsibility for the development, implementation, monitoring and enforcement of air pollution control strategies, clean fuels programs and motor vehicle use reduction measures; and

WHEREAS, the South Coast AQMD is authorized by Health & Safety Code §§40402, 40440, and 40448.5 as well as the Carl Moyer Memorial Air Quality Standards Attainment Program (§§44275 et seq.,) to implement programs to reduce transportation emissions, including programs to encourage the use of alternative fuels, zero and low emission vehicles, to develop and implement other strategies and measures to reduce air contaminants, and achieve the state and federal air quality standards; and

WHEREAS, the Governing Board has adopted several programs to reduce emissions from on-road and off-road vehicles, as well as emissions from other equipment, including infrastructure from the Carl Moyer Program, the Proposition 1B-Goods Movement Program, and projects included in approved Community Emissions Reduction Programs; and

WHEREAS, the Governing Board directs staff to prioritize funding of zero emission vehicles and equipment whenever feasible, including charging/fueling infrastructure for medium- and heavy-duty vehicles, in disadvantaged and low-income communities; and

WHEREAS, the South Coast AQMD is designated as an extreme non-attainment area for ozone and as such is required to utilize all feasible means to meet national ambient air quality standards.

THEREFORE, BE IT RESOLVED that the Governing Board of the South Coast AQMD, State of California, in regular session assembled on September 4, 2020, does hereby recognize up to \$70 million in FY 2019-20 (Year 3) Community Air Protection Program incentive funds from CARB.

BE IT FURTHER RESOLVED that the Executive Officer is authorized and directed to take all steps necessary to carry out this Resolution.

Date	Faye Thomas, Clerk of the Boards



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 4

PROPOSAL: Recognize Revenue, Transfer Funds, Amend and Execute

Contracts to Demonstrate Class 8 Battery Electric Trucks, Retrofit Ocean-Going Vessel, Deploy Fuel Cell Transit Buses

and Reimburse General Fund

SYNOPSIS: South Coast AQMD has been awarded up to \$37,821,301 from

U.S. EPA. These actions are to recognize revenue from the Clean Air Technology Initiative Program up to \$500,000 into the GHG Reduction Projects Special Revenue Fund (67), up to \$25,906,601 into Fund 17, and up to \$11,414,700 into the Clean Shipping Technology Demonstration Special Revenue Fund (83); recognize revenue from the San Pedro Bay Ports up to \$300,000 into Fund 83; transfer up to \$2,205,000 from Clean

Fuels Program Fund (31) into Fund 17; and transfer up to \$300,000 from the Air Quality Investment Fund (27) into Fund 83. These actions are to also: amend a contract adding up to \$500,000 from Fund 67 and execute contracts for up to \$21,635,681 to demonstrate battery electric trucks and infrastructure and for administrative project implementation from Fund 17; execute an MOU with the San Pedro Bay Ports; execute a contract for up to \$11,474,000 to retrofit an oceangoing vessel from Fund 83; execute a contract for up to \$6,111,601 to deploy fuel cell transit buses from Fund 17; and

reimburse the General Fund for administrative costs.

COMMITTEE: Technology, August 21, 2020; Recommend for Approval

RECOMMENDED ACTIONS:

1. Recognize revenue, upon receipt, of up to \$500,000 from the U.S. EPA FY 20 Section 105 Clean Air Technology Initiative Program into the GHG Reduction Projects Special Revenue Fund (67) to demonstrate additional Class 8 battery electric trucks for the Volvo LIGHTS project.

- 2. Recognize revenue, upon receipt, into the Advanced Technology, Outreach and Education Fund (17) as follows:
 - a. Up to \$20,000,000 from the U.S. EPA FY 19 Targeted Airshed Grant Program to deploy 70 Class 8 battery electric trucks for the Volvo Switch-On project; and
 - b. Up to \$5,906,601 from the U.S. EPA FY 20 Targeted Airshed Grant Program to deploy up to five fuel cell transit buses.
- 3. Recognize revenue, upon receipt, into the Clean Shipping Technology Demonstration Special Revenue Fund (83) to develop and demonstrate selective catalytic reduction retrofit technology for an ocean-going vessel as follows:
 - a. Up to \$11,414,700 from the U.S. EPA FY 20 Targeted Airshed Grant Program; and
 - b. Up to \$300,000 from the San Pedro Bay Ports' Technology Advancement Program.
- 4. Transfer up to \$2,205,000 from the Clean Fuels Program Fund (31) for South Coast AQMD's project cost-share to the Advanced Technology, Outreach and Education Fund (17):
 - a. Up to \$2,000,000 to deploy battery electric trucks and infrastructure for the Volvo Switch-On project; and
 - b. Up to \$205,000 to deploy fuel cell transit buses.
- 5. Transfer any unspent Clean Fuels Program funds from the Advanced Technology, Outreach and Education Fund (17) to the Clean Fuels Program Fund (31) upon project completion.
- 6. Transfer up to \$300,000 from the Air Quality Investment Fund (27)-Rule 1111 for South Coast AQMD's project cost-share into the Clean Shipping Technology Demonstration Special Revenue Fund (83) to retrofit an ocean-going vessel (OGV).
- 7. Authorize the Chairman to amend a contract with Volvo Group North America, LLC, for up to \$500,000 to demonstrate additional battery electric trucks for the Volvo LIGHTS project from the GHG Reduction Projects Special Revenue Fund (67).
- 8. Authorize the Chairman to execute the following contracts from the Advanced Technology, Outreach and Education Fund (17):
 - a. Volvo Group North America, LLC, for up to \$21,460,000 to deploy up to 70 Class 8 battery electric trucks and EV infrastructure for the Switch-On project;
 - b. Green Paradigm, Inc., for up to \$175,681 for administrative project implementation support for the Switch-On project; and
 - c. SunLine Transit Agency for up to \$6,111,601 to deploy up to five fuel cell transit buses.
- 9. Authorize the Executive Officer to execute an MOU with the Ports of Long Beach and Los Angeles to accept cost-share of up to \$300,000 for retrofit of an OGV.

- 10. Authorize the Chairman to execute a contract with MAN Energy Solutions USA Inc. for up to \$11,474,000 to retrofit an OGV from the Clean Shipping Technology Demonstration Special Revenue Fund (83).
- 11. Reimburse the General Fund up to \$1,061,620, comprising up to \$364,319 from the Advanced Technology, Outreach and Education Fund (17), \$540,700 from the Clean Shipping Technology Demonstration Special Revenue Fund (83) and \$156,601 from the Clean Fuels Program Fund (31), for administrative costs necessary to implement the above-mentioned projects.

Wayne Nastri Executive Officer

MMM:NB:JI:PSK:MW:MH

Background

The 2016 AQMP identifies the need for NOx reductions in meeting upcoming national ambient air quality standards. On-road diesel trucks and ocean-going vessels (OGVs) are major contributors to NOx emissions in the South Coast Air Basin. Significant increases in NOx, PM and GHG emissions from these sources are expected due to increased demand in goods movement activities. Accelerating the deployment of zero emission Class 8 battery electric trucks to the Ports and freight handling facilities, demonstrating and potentially deploying lower-emitting technologies from OGVs serving the Ports and implementing zero emission buses will reduce NOx emissions. CARB has also adopted regulations requiring the manufacture and implementation of zero emission trucks and transit buses.

Staff submitted multiple applications to the U.S. EPA for Targeted Airshed Program grants, each for up to \$20 million, for deploying heavy-duty zero emission battery electric trucks, retrofitting Tier II OGVs and replacing CNG transit buses with zero emission transit buses. In June 2020, U.S. EPA notified staff that three of the five projects had been selected for \$37,321,301 in funding. In a separate action, U.S. EPA, using Clean Air Technology Initiative (CATI) funds, awarded an additional \$500,000 to a current battery electric project.

Volvo LIGHTS Project

Volvo Group North America, LLC, (Volvo) has partnered with South Coast AQMD on the Volvo LIGHTS (Low Impact Green Heavy Transport Solutions) project to develop and demonstrate Class 8 battery electric trucks and off-road equipment and install charging infrastructure and solar. Based on the current incremental cost of battery electric trucks, additional funding is critical to enable the purchase of zero emission trucks to comply with CARB's Advanced Clean Trucks Regulation.

Switch-On Project

The Switch-On project is the next phase of the Volvo LIGHTS project and will deploy commercial Class 8 battery electric trucks which have been certified by CARB for sale in California. This 70-truck deployment is one of the largest single deployments of commercial Class 8 battery electric trucks and will provide additional data on how these trucks perform in revenue service in drayage and freight applications. Volvo and the fleets will each provide cash and in-kind cost-share towards each truck.

Ocean-Going Vessel Retrofit

OGVs are mainly regulated by the International Maritime Operation (IMO), with current requirements for vessels built after January 1, 2016 required to meet Tier III emission standards. Based on Port studies, few IMO Tier III vessels are expected until late 2030, so retrofit technologies are a promising strategy to achieve NOx reductions, especially since OGVs remain in service for 25 years or more, whereas building a new OGV requires significant capital investment. South Coast AQMD and MAN Energy Solutions USA Inc. (MAN) have initiated a retrofit project for Water-In-Fuel technology to lower NOx emissions and have identified other promising retrofit technologies, such as selective catalytic reduction (SCR), that can achieve IMO Tier III NOx levels on two-stroke, slow-speed diesel engines.

Fuel Cell Transit Bus Deployment

SunLine Transit Agency provides transit services to the Coachella Valley, an ozone non-attainment area, including Eastern Coachella Valley, which is a Year 2 Community under South Coast AQMD's AB 617 Program. SunLine has recently commissioned their onsite renewable hydrogen fueling station at a 900 kg per day capacity, which is the largest onsite hydrogen generation station at any U.S. transit agency, and their existing fleet includes 20 zero emission transit buses (16 fuel cell and 4 battery electric transit buses). SunLine's goal is to accelerate the transition to a fully zero emission bus fleet by 2035 to comply with CARB's Innovative Clean Transit (ICT) regulation.

Proposal

Volvo LIGHTS Project

Volvo will produce and demonstrate additional production Class 8 battery electric trucks in their Volvo LIGHTS project utilizing funds from a U.S. EPA CATI Grant. Five pilot trucks have already been deployed to California through the LIGHTS project. These actions are to recognize revenue up to \$500,000 from the U.S. EPA FY 2020 Section 105 CATI Program into the GHG Reduction Projects Special Revenue Fund (67) and amend a contract with Volvo Group North America, LLC, for the Volvo LIGHTS project.

Switch-On Project

The Switch-On project will deploy up to 70 commercial Class 8 battery electric trucks and EV infrastructure with up to five fleets located in the Inland Empire and the San Fernando Valley in the City of Los Angeles. The trucks will be owned by the fleets and will continue in commercial service beyond the initial data collection period of up to two years. The trucks will be available in various configurations including Class 7 and 8 rigid frame trucks, as well as Class 8 tractors from 65,000 to 80,000 lbs., depending on fleet needs. These trucks will be produced and deployed in several phases in 2021 and 2022.

In addition, through a competitive bid process, Green Paradigm, Inc., (formerly Clean Fuel Connection, Inc.) has been providing the South Coast AQMD with technical expertise and project implementation assistance on various projects with electric vehicles, charging and fueling infrastructure. Staff proposes to utilize their services similarly for the Switch-On project.

These actions are to: 1) recognize revenue up to \$20,000,000 into Advanced Technology, Outreach and Education Fund 17; 2) transfer up to \$2,000,000 from the Clean Fuels Program Fund (31) for South Coast AQMD's project cost-share into Fund (17); 3) execute contracts with Volvo Group North America, LLC, and Green Paradigm, Inc., for the Switch-On project; and 4) reimburse the General Fund up to \$364,319 from Fund 17 for project implementation support.

Ocean-Going Vessel Retrofit

South Coast AQMD is partnering with MAN to retrofit an IMO Tier II OGV, which will be the first SCR retrofit of an older IMO Tier II OGV to address emission reductions and functionalities below 25% engine load conditions. MAN will design and oversee the manufacturing of the SCR based on the vessel's operational profiles for the main and auxiliary engines, with an SCR for each engine. The SCRs will be manufactured specifically for the vessel. Vessel selection is being finalized.

These actions are to: 1) recognize revenue up to \$11,414,700 from U.S. EPA FY 20 Targeted Airshed Grant Program and up to \$300,000 from the San Pedro Bay Ports' Technology Advancement Program into the Clean Shipping Technology Demonstration Special Revenue Fund (83); 2) transfer up to \$300,000 from the Air Quality Investment Fund (27)-Rule 1111 for South Coast AQMD's project cost-share into the Fund 83; 3) authorize the Executive Officer to execute an MOU with the Ports of Long Beach and Los Angeles to accept cost-share of up to \$300,000; 4) execute a contract with MAN for up to \$11,474,000; and 5) reimburse the General Fund up to \$540,700 from Fund 83 for project implementation support.

Fuel Cell Transit Bus Deployment

South Coast AQMD will partner with SunLine Transit Agency to purchase and deliver up to five fuel cell transit buses. The newly upgraded hydrogen fueling station has a capacity for 30 buses, with a total of 16 buses now utilizing the station. Buses will operate on several routes in disadvantaged communities and replace older model year CNG transit buses. SunLine expects to operate up to five fuel cell transit buses for their 12-year equipment lifetime.

These actions are to: 1) recognize revenue of up to \$5,906,601 from the U.S. EPA FY 20 Targeted Airshed Grant Program into the Advanced Technology, Outreach and Education Fund (17); 2) transfer up to \$205,000 from the Clean Fuels Program Fund (31) into Fund 17; 3) execute a contract with SunLine for up to \$6,111,601 to deploy up to five fuel cell transit buses; and 4) reimburse the General Fund up to \$156,601 from the Clean Fuels Program Fund (31) for project implementation support.

Sole Source Justification

Section VIII.B.3 of the Procurement Policy and Procedure identifies four major provisions under which contracts funded in whole or in part with federal funds may be made as a sole source award. The request for sole source awards for the Volvo, Green Paradigm, MAN and SunLine contracts are made under the provisions B.3.c, which states the awarding federal agency or pass-through entity expressly authorizes non-competitive proposals in response to a written request from the non-Federal entity.

Benefits to South Coast AQMD

Projects to support development and demonstration of battery electric trucks, freight handling equipment and infrastructure are included in the *Technology Advancement Office Clean Fuels Program 2020 Plan Update* under the categories of "Develop and Demonstrate Electric and Hybrid Vehicles," "Develop and Demonstrate Electric Container Transport Technologies," and "Develop and Demonstrate Electric Charging Infrastructure." These projects are to develop and demonstrate zero emission heavyduty trucks, freight handling equipment and infrastructure. Successful demonstrations of such projects will contribute to the attainment of national ambient air quality standards in the South Coast Air Basin by eliminating PM and NOx emissions from replaced diesel heavy-duty trucks and off-road freight handling equipment.

Projects to support development and demonstration of OGVs are included in the *Technology Advancement Office Clean Fuels Program 2020 Plan Update* under the categories of "Engine Systems/Technologies." This project is to retrofit an IMO Tier II OGV with SCR, an exhaust gas treatment capable of reducing NOx emission by at least 75% from actual Tier II OGV emissions. Successful development and demonstration of SCR retrofit technology for Tier II OGVs can provide nearer-term NOx reductions until more IMO Tier III vessels are deployed closer to 2030.

Projects to support deployment of fuel cell transit buses and infrastructure are included in the *Technology Advancement Office Clean Fuels Program 2020 Plan Update* under the categories of "Hydrogen/Mobile Fuel Cell Technologies and Infrastructure." This project is to deploy zero emission fuel cell transit buses and infrastructure. Successful deployment of fuel cell transit buses will contribute to the attainment of national ambient air quality standards in the South Coast Air Basin by eliminating PM and NOx emissions from replaced CNG transit buses. These projects also assist transit agencies to transition towards zero emission fleets and comply with CARB's ICT regulation.

Resource Impacts

Volvo LIGHTS Project

The contract amendment to demonstrate additional trucks under the Volvo LIGHTS project will not exceed \$46,091,592 from the GHG Reduction Projects Special Revenue Fund (67). This includes previously recognized CARB funding of \$41,591,592, \$4,000,000 in South Coast AQMD cost-share previously approved by the Board from the Clean Fuels Program Fund (31), and the \$500,000 in U.S. EPA CATI funding being recognized in this Board letter. Funding for this project is detailed in the table below.

Proposed Volvo LIGHTS Project Costs

Source	Amount	Percent
CARB	\$41,591,592	45%
Volvo and partners (cash & in-kind)	\$45,855,308	50%
South Coast AQMD (approved Nov 2018)	\$4,000,000	4%
U.S. EPA CATI (new)	\$500,000	1%
Total	\$91,946,900	100%

Switch-On Project

The contracts with Volvo and Green Paradigm, Inc., will not exceed \$21,460,000 and \$175,681, respectively, for the Switch-On project from the Advanced Technology, Outreach and Education Fund (17). This includes U.S. EPA funding of \$20,000,000, of which \$540,000 is allocated towards project implementation support for South Coast AQMD staff time and contractual support, and \$2,000,000 in South Coast AQMD cost-share from the Clean Fuels Program Fund (31). Additional co-funding is actively being sought by staff, Volvo and its project partners through multiple sources including the Mobile Source Air Pollution Reduction Review Committee (MSRC), utility charger rebate programs, CEC and other funding sources. South Coast AQMD's cost-share from the Clean Fuels Program Fund (31) may decrease if additional co-funding is realized. Any unspent funds will be transferred back to the Clean Fuels Program Fund (31) after project completion. Reimbursement of administrative costs will not exceed \$364,319 from Fund 17. Funding for this project is detailed in the table below:

Proposed Switch-On Project Costs

Source	Amount	Percent
U.S. EPA FY 19 Targeted	\$19,460,000	62%
Airshed Grant		
Volvo and fleets	\$10,080,000	32%
(cash & in-kind)		
South Coast AQMD (requested)	\$2,000,000	6%
Total	\$31,540,000	100%

Ocean-Going Vessel Retrofit

The contract with MAN for the retrofit of an OGV will not exceed \$11,474,000 from the Clean Shipping Technology Demonstration Special Revenue Fund (83). This includes U.S. EPA FY 20 Targeted Airshed Grant funding of \$11,414,700, of which \$540,700 is for project implementation support, as well as \$300,000 cost-share from the San Pedro Bay Ports and \$300,000 in South Coast AQMD cost-share from the Air Quality Investment Fund (27). Funding for this project is detailed in the table below:

Proposed OGV Retrofit Project Costs

Source	Amount	Percent
U.S. EPA FY 20 Targeted Airshed	\$10,874,000	94.0%
San Pedro Bay Ports	\$300,000	2.5%
MAN (in-kind)	\$100,000	1.0%
South Coast AQMD (requested)	\$300,000	2.5%
Total	\$11,574,000	100%

Fuel Cell Transit Bus Deployment

The contract with SunLine for fuel cell transit buses will not exceed \$6,111,601 from the Advanced Technology, Outreach and Education Fund (17). This includes U.S. EPA funding of \$5,906,601 and \$205,000 in South Coast AQMD cost-share from the Clean Fuels Program Fund (31). Funding for this project is detailed in the table below:

Proposed Fuel Cell Transit Bus Project Costs

Source	Amount	Percent
U.S. EPA FY 20 Targeted Airshed	\$5,906,601	85%
SunLine Transit Agency	\$806,204	12%
South Coast AQMD (requested)	\$205,000	3%
Total	\$6,917,805	100%

Sufficient funds will be available to execute the Volvo, Green Paradigm, Inc., MAN, and SunLine contracts in the GHG Reduction Projects Special Revenue Fund (67), Advanced Technology, Outreach and Education Fund (17) and Clean Shipping

Technology Demonstration Special Revenue Fund (83), once the U.S. EPA CATI and Targeted Airshed grant funds are recognized.

Sufficient funds are available in the Clean Fuels Program Fund (31). The Clean Fuels Program Fund was established as a special revenue fund resulting from the statemandated Clean Fuels Program. The Clean Fuels Program, under Health and Safety Code Sections 40448.5 and 40512 and Vehicle Code Section 9250.11, establishes mechanisms to collect revenue from mobile sources to support projects to increase the utilization of clean fuels, including the development of the necessary advanced enabling technologies. Funds collected from motor vehicles are restricted, by statute, to be used for projects and program activities related to mobile sources that support the objectives of the Clean Fuels Program.



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 5

PROPOSAL: Recognize Revenue, Transfer Funds and Approve Budget and

Expenditures for California Natural Gas Vehicle Partnership

Activities and Projects

SYNOPSIS: The Board established the California Natural Gas Vehicle

Partnership (CNGVP) to promote greater deployment of natural gas vehicles in California. These actions are to: 1) recognize

revenue up to \$170,000 in membership dues from participating and

future members of the CNGVP into the Natural Gas Vehicle Partnership Fund (40); 2) transfer \$25,000 from the Clean Fuels Program Fund (31) into Fund 40 for South Coast AQMD's twoyear membership for FYs 2020-21 and 2021-22; 3) approve the FYs 2020-21 and 2021-22 CNGVP Budget; 4) authorize the

Executive Officer to approve individual expenditures, as approved by the CNGVP, for FYs 2020-21 and 2021-22 up to \$75,000 but not to exceed \$225,000 for each fiscal year; and 5) approve a two-year contract with Gladstein, Neandross and Associates LLC to develop and implement communication strategies for the CNGVP

in an amount not to exceed \$192,000 from Fund 40.

COMMITTEE: Technology, August 21, 2020; Recommended for Approval

RECOMMENDED ACTIONS:

- 1. Recognize, upon receipt, up to \$170,000 in membership dues from participating and future members of the CNGVP into the Natural Gas Vehicle Partnership Fund (40);
- 2. Transfer \$25,000 from the Clean Fuels Program Fund (31) into the Natural Gas Vehicle Partnership Fund (40) for South Coast AQMD's two-year membership for FYs 2020-21 and 2021-22;
- 3. Approve the CNGVP budget for FYs 2020-21 and 2021-22;
- 4. Authorize the Executive Officer to approve individual expenditures, as approved by the CNGVP, for FYs 2020-21 and 2021-22 up to \$75,000 but not to exceed \$225,000 for each fiscal year; and

5. Approve a two-year contract with Gladstein, Neandross and Associates LLC to develop and implement communication strategies for the CNGVP in an amount not to exceed \$192,000 from the Natural Gas Vehicle Partnership Fund (40).

Wayne Nastri Executive Officer

MMM:NB:JI:PMB

Background

In 2002, the Board established the California Natural Gas Vehicle Partnership (CNGVP or the Partnership) to accelerate development of advanced natural gas vehicle technologies, establish a benchmark for lowering emissions from petroleum-based engines, and provide a pathway for transitioning towards fuel cells in the future. The CNGVP is comprised of state and federal air quality agencies, transportation and energy agencies, vehicle and engine manufacturers, fuel providers, transit organizations and refuse haulers.

The Partnership is overseen by a Steering Committee and is comprised of Voting and Associate Members. All members participate in the activities of the Steering Committee and the working groups and sub-committees created by the Steering Committee. Voting Members contribute for a two-year membership and participate on the Steering Committee and working groups. Steering Committee dues are \$25,000 or \$10,000 for private end-users and/or fleet operators. CARB and the U.S. DOE are also a Voting Member, participating as 'non-dues paying' environmental organization.

The Partnership's Steering Committee meets on a periodic basis with high-level representation from each participating member. South Coast AQMD's representation on the CNGVP includes three South Coast AQMD Board Members. Routine activities of the Partnership include members and invited guests providing and receiving updates on industry, legislative and regulatory activities. They also discuss and plan programs and projects that help promote the Partnership's goals and objectives, which include the use of low carbon intensity renewable natural gas as a transportation fuel that can contribute to regional and global air quality issues. The Partnership communicates its message through the CNGVP website (cngvp.org), which is currently maintained under a contract with Gladstein, Neandross & Associates LLC (GNA). The website promotes the activities of the CNGVP and the natural gas vehicle industry in general.

Over the past two years, the Partnership has made significant strides towards improving and increasing the effectiveness of communicating its message on the multiple benefits of using renewable natural gas (RNG) to power ultra-low NOx heavy-duty natural gas-

powered vehicles. During this period, the Partnership also initiated transitioning the CNGVP to a self-administrated entity contracting third-party (non-member) services from GNA, to help reduce South Coast AQMD's role in these activities.

Proposal

The CNGVP operates on a two-year budget cycle. These actions are to: 1) recognize revenue from participating and future CNGVP Members for FYs 2020-21 and 2021-22 into the Natural Gas Vehicle Partnership Fund (40); 2) transfer funds from the Clean Fuels Program Fund (31) into Fund 40 for South Coast AQMD's two-year membership for FYs 2020-21 and 2021-22; 3) approve the FYs 2020-21 and 2021-22 CNGVP budget; 4) authorize the Executive Officer to approve individual expenditures, as approved by the CNGVP, for FYs 2020-21 and 2021-22; and 5) approve a two-year contract with GNA to develop and implement communication strategies for the CNGVP.

The following two tables list the CNGVP Steering Committee Members and Associate Members.

Table 1. CNGVP Steering Committee Members

Agility Fuel Solutions
CARB*
Clean Energy Fuels
CR&R Inc.**
Cummins Inc.
Sempra Energy Utilities
Trillium CNG
U.S. DOE*
Waste Management, Inc.**
South Coast AQMD

^{*}Non-paying members

^{**}Fleet operators/end users (reduced fee)

Table 2. CNGVP Associate Members

CEC
City of Los Angeles
Coalition for Clean Air
Colton Unified School District
Foothill Transit
Los Angeles County Metropolitan Transportation Authority
Natural Resources Defense Council
Orange County Transportation Authority
San Joaquin Valley Air Pollution Control District
SunLine Transit Agency
Union of Concerned Scientists
U.S. EPA
University of California Davis

Revenues and expenditures for FYs 2018-19 and 2019-20 are summarized in Table 3.

Table 3. CNGVP Fund Revenues and Expenditures

Available Funds (as of July 1, 2018)	\$434,397
Membership Dues Received	92,500
Interest Earned	\$16,565
Revenues (July 2018 – June 2020)	\$543,462
Website Maintenance	(\$30,000)
GameChanger Video	(\$30,000)
ACT 2018	(\$12,500)
Rethink Methane 2018	(\$10,000)
SJVCC "Trucking With Clean Fuels"	(\$10,000)
Renewable 360 (2019)	(\$10,000)
GNA Administration	(\$27,652)
GNA Communications Strategy	(\$48,000)
Expenditures (July 2018 – June 2020)	(\$178,152)
GNA Administration	(\$3,948)
GNA Communications Strategy	(\$16,000)
In-State RNG	(\$10,000)
RG 360 Webinar	(\$10,000)
Obligations as of June 30, 2020	(\$39,948)
Available Fund Balance for start FY 2020-21	\$325,362

The CNGVP Steering Committee two-year membership dues are currently up for renewal. If all current members renew their memberships, the Natural Gas Vehicle Partnership Fund (40) would be replenished with revenues totaling \$170,000 over the next two years. Projected revenues and proposed expenditures for FYs 2020-21 (July 1, 2020 to June 30, 2021) and 2021-22 (July 1, 2021 to June 30, 2022) are outlined in Table 4, which has been reviewed and approved by the CNGVP Steering Committee Members, pending South Coast AQMD Board consideration.

Table 4. Proposed FYs 2020-21 and 2021-22 CNGVP Budget

Estimated Unallocated Fund Balance	\$132,162
Proposed Budget Expenditures	(\$363,200)
Conference/Exhibition Sponsorships	(\$50,000)
Special Consultation and Activity Coordination	(\$50,000)
GNA: CNGVP Communications Strategies (two year; not to exceed)	(\$192,000)
GNA: CNGVP Administration (two-year; not-to-exceed)	(\$71,200)
Total Anticipated Available Funds	\$495,362
Anticipated Membership Dues	\$170,000
Available Funds for FYs 2020-21 and 2021-22	\$325,362

For FYs 2020-21 and 2021-22, the CNGVP membership will be directing their efforts toward furthering consumer and public awareness of the benefits of RNG and its use as a transportation fuel in heavy-duty vehicle applications that employ engines certified to CARB's optional low NOx exhaust emissions standard of 0.02 gNOx/bhp-hr. The CNGVP plans to continue cosponsoring relevant conferences, identifying projects and studies to further the deployment of next-generation natural gas engines, and advancing the local production and use of low carbon intensity RNG as a transportation fuel for both on- and off-road mobile sources.

Benefits to South Coast AQMD

The implementation of this Partnership has brought public and private stakeholders together to assist in the development and deployment of advanced natural gas vehicles and refueling infrastructure expansion. The CNGVP will continue its leadership role to work with original equipment manufacturers, government and the public towards the advancement of natural gas vehicles in the marketplace to further address criteria pollutant emissions as well as greenhouse gases and energy needs. Natural gas used in in ultra-low NOx engines is a low emissions transportation fuel that can displace or augment petroleum fuel where economically feasible. In addition, the use of RNG can increase domestic fuel supply, help address landfill diversion efforts and waste biomass challenges, and concurrently reduce greenhouse gas emissions associated with waste

biomass. These activities are included in the *Technology Advancement Office Clean Fuels Program 2020 Plan Update* under "Infrastructure and Deployment (NG/RNG)" and "Assess and Support Advanced Technologies and Disseminate Information".

Sole Source Justification

Section VIII.B.2 of the Procurement Policy and Procedure identifies four major provisions under which a sole source award may be justified. This request for sole source award is made under provision B.2.d.: Other circumstances exist which in the determination of the Executive Officer requires such waiver in the best interest of the South Coast AQMD. Specifically, these circumstances are B.2.d.(1): Projects involving cost-sharing by multiple sponsors; the CNGVP is a non-profit whose Steering Committee is collectively approving and funding this project with Gladstein, Neandross and Associates (GNA); and, B.2.d.(2): Time extension of an existing contract; the proposed work is an extension of the original work that GNA developed and delivered to the CNGVP; this project relies on the experience gained during the original work.

Resource Impacts

The current fund balance totaling \$325,362 plus anticipated membership fees over the next two years of \$170,000, which will be received into the Natural Gas Vehicle Partnership Fund (40), are sufficient to cover projected CNGVP expenditures, budgeted at \$363,200 for FYs 2020-21 and 2021-22. South Coast AQMD's two-year membership for FYs 2020-21 and 2021-22 will not exceed \$25,000 from the Clean Fuels Program Fund (31). The Executive Officer will approve individual expenditures, as approved by the CNGVP, for FYs 2020-21 and 2021-22 up to \$75,000 but not to exceed \$225,000 for each fiscal year until such time the CNGVP is fully positioned and registered to assume full budget responsibilities of their organization. The contract with GNA for communication strategies will not exceed \$192,000 from Fund 40.

The Clean Fuels Program Fund (31) was established as a special revenue fund resulting from the state-mandated Clean Fuels Program. The Clean Fuels Program, under Health and Safety Code Sections 40448.5 and 40512 and Vehicle Code Section 9250.11, establishes the mechanism to collect revenues from mobile sources to support projects to increase the utilization of clean fuels, including the development of the necessary advanced enabling technologies. Funds collected from motor vehicles are restricted, by statute, to be used for projects and program activities related to mobile sources that support the objectives of the Clean Fuels Program.



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 6

PROPOSAL: Establish Special Revenue Fund, Recognize Funds, Execute

Contract for Installation and Maintenance of Air Filtration Systems and Reimburse General Fund for Administrative Costs

SYNOPSIS: In May 2019, the Board recognized \$7,100,000 into the Air

Filtration Fund (75) from the Aliso Supplemental Environmental Project (SEP) Fund to install air filtration systems at schools in Environmental Justice communities in Los Angeles County. To facilitate program tracking and auditing, these actions are to establish the Aliso Canyon Air Filtration Special Revenue

Fund (84), recognize \$7,100,000 into Fund 84 instead of Fund 75, authorize the Chairman to execute a contract with IQAir North America for installation and maintenance of air filtration systems at schools in an amount not to exceed \$6,745,000 from Fund 84, and reimburse the General Fund for administrative costs up to

\$355,000 from Fund 84.

COMMITTEE: Technology, August 21, 2020; Recommended for Approval

RECOMMENDED ACTIONS:

- 1) Establish the Aliso Canyon Air Filtration Special Revenue Fund (84) and recognize, upon receipt, up to \$7,100,000 into the new fund (84) instead of the Air Filtration Fund (75);
- 2) Authorize the Chairman to execute a contract with IQAir North America for installation and maintenance of air filtration systems at schools in an amount not to exceed \$6,745,000 from the Aliso Canyon Air Filtration Special Revenue Fund (84) instead of the Air Filtration Fund (75);
- 3) Authorize the Chairman to amend, as needed, the contract with IQAir North America to purchase additional filters using unspent administrative funds; and
- 4) Reimburse the General Fund up to \$355,000 from the Aliso Canyon Air Filtration Special Revenue Fund (84) instead of Fund (75) for the administrative costs necessary to implement the air filtration projects.

Wayne Nastri Executive Officer

Background

In May 2019, the Board recognized up to \$7,100,000 from the Aliso Supplemental Environmental Project (SEP) Fund for a SEP being administered on behalf of the City and County of Los Angeles and the California Attorney General's Office, which comprise the Aliso Fund Committee, as a result of the Aliso Canyon natural gas leak. The Board recognized the funds into the Air Filtration Fund (75) and authorized the Chairman to execute a contract out of Fund 75 with IQAir North America to install and maintain the air filtration systems at public schools in environmental justice (EJ) communities, to reimburse the General Fund for administrative costs and to use any unspent administrative funds for additional air filters. In July 2020, the Aliso Fund Committee determined that the SEP revenue must be received into a separate special revenue fund to track expenditures and interest generated from the Aliso Fund SEP.

The May 2019 board letter also authorized the Executive Officer to execute an agreement with the City and County of Los Angeles and the California Attorney General's Office to implement the SEP and to execute or amend agreements with local school districts for the purpose of implementing the SEP. These authorizations remain unchanged.

Proposal

These actions are to create the Aliso Canyon Air Filtration Special Revenue Fund (84), recognize \$7,100,000 into Fund 84 instead of Fund 75 and authorize the Chairman to execute a contract with IQAir North America for installation and maintenance of air filtration systems at schools in an amount not to exceed \$6,745,000 from Fund 84 instead of Fund 75. A sole source justification was included in the May 2019 Board letter for the IQAir contract.

An updated proposed schedule for installation and maintenance of air filtration systems at Los Angeles City and County schools in EJ communities is as follows:

Date	Event
Sept 2020	Board Approval
Sept – Nov 2020	Anticipated Execution of Contracts
Dec 2020 -Jan 2021	Selection of Schools, Site Assessments
Jan 2021 – December 2021	Installation
October 2021–October 2031	Maintenance (varies by school)
March 2022	Final Installation Report
	(thereafter with annual updates through
	2031)

This action is to also reimburse the General Fund up to \$355,000 from the Aliso Canyon Air Filtration Special Revenue Fund (84) instead of Fund 75 for administrative costs

necessary to implement the air filtration projects and to allow any unspent administrative funds be used to purchase additional filters.

Benefits to South Coast AQMD

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

Resource Impacts

Up to \$7,100,000, upon receipt, will be recognized into the Aliso Canyon Air Filtration Special Revenue Fund (84). The contract with IQAir North America to install air filtration systems will not exceed \$6,745,000 and reimbursement of administrative costs will not exceed \$355,000.



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 7

PROPOSAL: Amend Contract to Provide Short- and Long-Term Systems

Development, Maintenance and Support Services

SYNOPSIS: South Coast AQMD currently has contracts with several companies

for short- and long-term systems development, maintenance and support services. These contracts are periodically amended as additional needs are defined. This action is to amend contracts previously approved by the Board to add additional funding for needed development and maintenance work in an amount not to exceed \$65,000 for AgreeYa Solutions, \$55,000 for Prelude Systems, \$219,790 for Sierra Cybernetics, and \$220,000 for Varsun eTechnologies. Funding is available in Information

Management's FY 2020-21 Budget.

COMMITTEE: Administrative Committee, August 14, 2020; Recommended for

Approval

RECOMMENDED ACTION:

Authorize the Executive Officer to execute amendments to the contracts for systems development services in the not to exceed amount of \$65,000 to AgreeYa Solutions, \$55,000 to Prelude Systems, \$219,790 to Sierra Cybernetics, and \$220,000 to Varsun eTechnologies from Information Management's FY 2020-21 Budget for the specific task orders listed in the Attachment.

Wayne Nastri Executive Officer

RMM:XC:da

Background

At the March 2, 2018 Board meeting, the Board authorized staff to initiate level-of-effort contracts with several vendors for systems development, maintenance and support services. At the time these contracts were executed, it was expected that they would be modified in the future to add funding from approved budgets as system development

requirements were identified and sufficiently defined so that task orders could be prepared. The contracts are for one year with the option to renew for two one-year periods.

Systems development and maintenance efforts are currently needed (see Attachment) to enhance system functionality and to provide additional automation for improving productivity. The estimated cost to complete the work on these additional tasks exceeds the amount of funding in the existing contracts.

Proposal

Staff proposes to amend the contracts to add \$65,000 to AgreeYa Solutions, \$55,000 to Prelude Systems, \$219,790 to Sierra Cybernetics and \$220,000 to Varsun eTechnologies for the specific task orders listed in the Attachment.

Resource Impacts

Sufficient funding is available in Information Management's FY 2020-21 Budget.

Attachment

Task Order Summary

Attachment

Task Order Summary

Section A – Funding Totals for each Systems Development Contract

CONTRACTOR	PREVIOUS FUNDING	PROPOSED ADDITION	TOTAL FUNDING
AgreeYa Solutions	\$568,010	\$65,000	\$633,010
Prelude Systems	\$902,152	\$55,000	\$957,152
Sierra Cybernetics	\$1,058,500	\$219,790	\$1,278,290
Varsun eTechnologies	\$2,362,195	\$220,000	\$2,582,195
TOTAL	\$4,890,857	\$559,790	\$5,450,647

Section B – Task Orders Scheduled for Award

TASK	DESCRIPTION	ESTIMATE	AWARD TO
Mobile Application Enhancement	Enhancements for both iOS and Android version of the Mobile App including gridded hourly air quality reporting, enhanced notifications and on-boarding process	\$65,000	AgreeYa
Source Tests Tracking System Maintenance	Maintenance of automated system to facilitate the submittal, tracking, routing and management of source test submissions	\$55,000	Prelude
CLASS/PeopleSoft System Enhancements	Technology upgrades and system enhancements for CLASS and payroll time reporting system	\$60,000	Sierra
Web Application/Web Services Maintenance	To provide maintenance and development work for suite of Web Applications and Web Services	\$95,790	Sierra
Web Site & IT Specialist support	t To provide support for web site content development, publishing and other required IT support		Sierra
VW Mitigation Phase Three	Phase three of web-based Application and Grant Management System (GMS) for two funding categories under the Volkswagen Environmental Mitigation Trust	\$170,000	Varsun
PeopleSoft System Enhancements Enhance PeopleSoft Finance and Payroll System for changes resulting from labor agreements and regulatory changes, etc.		\$25,000	Varsun
Legal Office System Maintenance	To provide maintenance and development work for Legal Office System	\$25,000	Varsun
TOTAL		\$559,790	



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 8

PROPOSAL: Issue RFP for Legislative Representation in Sacramento, California

SYNOPSIS: The current contracts for legislative representation in Sacramento,

California expire on December 31, 2020. This action is to issue an RFP for legislative consulting services for South Coast AQMD in Sacramento, California for 2021. The RFP will also indicate that the contract(s) may be extended for up to two additional one-year terms. Total expenditures for the contract(s) shall not exceed

\$365,000 for the initial one-year period.

COMMITTEE: Administrative, August 14, 2020; Recommended for Approval

RECOMMENDED ACTION:

Approve release of RFP P2021-02 to solicit proposals for legislative representation in Sacramento, California at a cost not to exceed \$365,000 for the initial one-year period, with two additional one-year term extensions upon approval of the Board.

Wayne Nastri Executive Officer

DJA:PC:RAR:EJH

Background

A legislative presence in Sacramento, California is critical to advancing Board policies and priorities, including the 2016 Air Quality Management Plan (AQMP) and subsequent AQMPs, South Coast AQMD legislative goals and objectives, and to protect South Coast AQMD's authority. This legislative presence includes providing technical information, assistance and otherwise serving as a resource to legislators and the Governor's Office regarding air quality matters; acting as a liaison between South Coast AQMD and legislators and the Governor's Office regarding the Board's policy and funding priorities; seeking funding and program support for technology advancement and emission reduction projects and incentive programs, and advocating for South Coast

AQMD's positions on air quality-related legislation. These efforts also include fostering state support for South Coast AQMD's federal initiatives which have synergy at the state level.

Much of the 2021 legislative goals and objectives for South Coast AQMD will depend on the outcome of the 2020 legislative session. However, many of the 2020 program elements and policy priorities are expected to continue, and it is anticipated that there will be a need to build upon them in the coming 2021 legislative year in Sacramento. The legislative priorities are expected to include, at minimum, the following:

- Monitor, analyze, recommend positions, testify, and negotiate on behalf of South Coast AQMD on legislation affecting the agency, including the state budget and subvention funding.
- Increase existing and identify new funding sources for clean air programs and
 priorities that protect public health, eliminate unhealthy air pollution and ensure
 attainment of state and federal air quality standards, with a focus on incentive
 programs and research and development projects that support the 2016 AQMP and
 create opportunities to partner with stakeholders, including local businesses,
 communities and residents.
- Protect and ensure adequate South Coast AQMD authority for implementation of the Board's clean air policies and programs, as required by state and federal law and the 2016 AQMP.
- Work to ensure that the state government does its fair share to reduce air pollution within the South Coast region by providing ample funding and legislative and administrative support to South Coast AQMD to facilitate implementation of the 2016 AQMP and attainment of federal ozone and particulate matter air quality standards by federal deadlines.
- Support legislation and funding that: promote and sustain environmental justice initiatives which reduce localized health risks resulting from criteria pollutant and toxic air contaminant emissions; develop and expand access to clean air technology, especially in disproportionately impacted communities; enhance community participation in decision-making; and provide resources necessary to fully implement local air districts' responsibilities and programs created through Assembly Bill 617 (C. Garcia, Chapter 136, Statutes of 2017).
- Support legislative policies and funding that promote the development and deployment of near-zero and zero emission infrastructure, equipment and vehicle

technology to protect public health, facilitate attainment of clean air standards and support a healthy economy.

- Seek to influence climate change policies and initiatives and facilitate their implementation consistent with Board policy. In particular, support efforts directing that the Greenhouse Gas Reduction Fund provide sustainable funding to maximize criteria pollutant and toxic emissions reduction co-benefits, promote near-zero and zero-emission vehicles, and address air quality and public health impacts in the South Coast region.
- Support legislation that advances the Board's Energy Policy which promotes energy efficiency, demand reduction and reliable, cost effective and clean energy for all consumers in the District while facilitating attainment of clean air standards and providing support for a healthy economy.
- Support legislative policies and/or administrative actions promoting job retention and creation, as well as economic growth, while working toward attainment of clean air standards; and that support and assist the regulated community in complying with rules and regulations in the most efficient and cost-effective manner.
- Support and expand policy and funding considerations that promote air quality priorities in connection with the implementation of state and federal surface transportation and goods movement policies and programs, including those related to the FAST Act or successor transportation and infrastructure law.

The legislative priorities for South Coast AQMD for 2021 will be further refined and presented to the Legislative Committee and the full Board for approval later in the year, as determined by the course of events in 2020.

Proposal

South Coast AQMD seeks the services of contractor(s) to support the Board's goals and objectives for 2021 in Sacramento, California. The selected firm(s) will be expected to provide a variety of services, consistent with the Board's direction. Funding for the initial year will not exceed \$365,000. The contract(s) may include options for two annual renewals, contingent on satisfactory performance and approval of subsequent budgets, at the Board's discretion.

Bid Evaluation

Proposals received will be initially evaluated by a diverse panel of technically qualified individuals according to the criteria described in the attached RFP P2020-02. Panel members will include the Deputy Executive Officer and a Senior Public Affairs Manager from Legislative, Public Affairs and Media and an external Vice President of a communications firm. The Administrative Committee of the Board is expected to

conduct oral interviews of the most highly qualified bidders and will make a recommendation to the full Board for approval.

Outreach

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

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

Resource Impacts

Sufficient funds are available in the Legislative, Public Affairs & Media FY 2020-21 Budget. Funding for future fiscal years is contingent upon Board approval of the Budget and contract extensions.

Attachment

RFP P2021-02 For Legislative Representation in Sacramento, California



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

REQUEST FOR PROPOSALS

(LEGISLATIVE REPRESENTATION IN SACRAMENTO CALIFORNIA)

P2021-02

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

PURPOSE

South Coast AQMD requires representation in Sacramento, California, to ensure that air quality legislation and other related issues are monitored and that South Coast AQMD viewpoints are presented in an effective, timely and persuasive manner during the legislative and policy-making process.

The purpose of this RFP is to contract with outside representative(s) knowledgeable in air quality-related issues to provide assistance with and representation of South Coast AQMD policy positions and funding needs before the California State Legislature, Governor's Office and state agencies. The consultant(s) selected pursuant to this RFP will be reimbursed on a monthly basis for services rendered at an agreed upon flat monthly fee and for actual costs incurred for out-of-pocket expenses. The consultant may make use of the services of subcontractors, on an as-needed basis. A list of names of subcontractors along with their qualifications and the total hours of services expected shall be submitted with responses to this RFP. All subcontractors are subject to approval by South Coast AQMD and pre-approval is required before commencing any work.

The selected firm(s) will be expected to provide a variety of services, to be outlined in the work statement, and consistent with South Coast AQMD Governing Board ("Board") directions. Funding for the initial year shall be up to a maximum of \$365,000. The contract may include options for two, one-year renewals, contingent on satisfactory performance and approval of subsequent budgets, upon approval of the Board.

INDEX - The following are contained in this RFP:

Section I Background/Information

Section II Contact Person Section III Schedule of Events

Section IV Participation in the Procurement Process
Section V Statement of Work/Schedule of Deliverables

Section VI Required Qualifications

Section VII Proposal Submittal Requirements

Section VIII Proposal Submission

Section IX Proposal Evaluation/Contractor Selection Criteria

Section X Funding

Section XI Sample Contract

Attachment A - Participation in the Procurement Process

Attachment B - Certifications and Representations

Attachment C – South Coast AQMD's State Legislative Goals & Objectives for 2020

SECTION I: BACKGROUND/INFORMATION

South Coast AQMD is the air pollution control agency for all of Orange County and the urban portions of Los Angeles, Riverside and San Bernardino counties, the smoggiest region of the U.S. As a regulatory agency, South Coast AQMD is committed to protect the health of residents of the four-county area from the harmful effects of air pollution, while remaining sensitive to businesses and the economic vitality of the region.

A legislative presence in Sacramento, California is critical to advancing Board policies and priorities, including the 2016 Air Quality Management Plan (AQMP) and subsequent AQMPs, and South Coast AQMD's legislative goals and objectives. This legislative presence includes providing technical information, assistance and otherwise serving as a resource to legislators and the Governor's Office regarding air quality matters; acting as a liaison between South Coast AQMD and legislators and the Governor's Office regarding the Board's policy and funding priorities; seeking funding and program support for technology advancement and emission reduction projects and incentive programs, and advocating for South Coast AQMD's positions on air quality-related legislation. These efforts also include fostering state support for South Coast AQMD's federal initiatives which have synergy at the state level.

Much of the 2021 legislative goals and objectives for South Coast AQMD will depend on the outcome of the 2020 legislative session. However, many of 2020's program elements and policy priorities are expected to continue, and it is anticipated that there will be a need to build upon them in the coming 2021 legislative year in Sacramento. The legislative priorities are expected to include, at minimum, the following:

- Monitor, analyze, recommend positions, testify, and negotiate on behalf of South Coast AQMD on legislation affecting the agency, including the state budget and subvention funding.
- Increase existing and identify new funding sources for clean air programs and priorities that
 protect public health, eliminate unhealthy air pollution and ensure attainment of state and
 federal air quality standards, with a focus on incentive programs and research and
 development projects that support the 2016 AQMP and create opportunities to partner with
 stakeholders, including local businesses, communities and residents.
- Protect and ensure adequate South Coast AQMD authority for implementation of the Board's clean air policies and programs, as required by state and federal law and the 2016 AQMP.
- Work to ensure that the state government does its fair share to reduce air pollution within the South Coast region by providing ample funding and legislative and administrative support to South Coast AQMD to facilitate implementation of the 2016 AQMP and attainment of federal ozone and particulate matter air quality standards by federal deadlines.
- Support legislation and funding that: promote and sustain environmental justice initiatives
 which reduce localized health risks resulting from criteria pollutant and toxic air contaminant
 emissions; develop and expand access to clean air technology, especially in

disproportionately impacted communities; enhance community participation in decision-making; and provide resources necessary to fully implement local air districts' responsibilities and programs created through Assembly Bill 617 (C. Garcia, Chapter 136, Statutes of 2017).

- Support legislative policies and funding that promote the development and deployment of near-zero and zero emission infrastructure, equipment and vehicle technology to protect public health, facilitate attainment of clean air standards and support a healthy economy.
- Seek to influence climate change policies and initiatives and facilitate their implementation consistent with Board policy. In particular, support efforts directing that the Greenhouse Gas Reduction Fund provide sustainable funding to maximize criteria pollutant and toxic emissions reduction co-benefits, promote near-zero and zero-emission vehicles, and address air quality and public health impacts in the South Coast region.
- Support legislation that advances the Board's Energy Policy which promotes energy
 efficiency, demand reduction and reliable, cost effective and clean energy for all consumers
 in the District while facilitating attainment of clean air standards and providing support for a
 healthy economy.
- Support legislative policies and/or administrative actions promoting job retention and creation, as well as economic growth, while working toward attainment of clean air standards; and that support and assist the regulated community in complying with rules and regulations in the most efficient and cost-effective manner.
- Support and expand policy and funding considerations that promote air quality priorities in connection with the implementation of state and federal surface transportation and goods movement policies and programs, including those related to the FAST Act or successor transportation and infrastructure law.

The legislative priorities for South Coast AQMD for 2021 will be further refined and presented to the Board's Legislative Committee and the full Board for approval later in the year, as determined by the course of events in 2020.

SECTION II: CONTACT PERSON:

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

Philip Crabbe III, Legislative, Public Affairs & Media South Coast AQMD 21865 Copley Drive Diamond Bar, CA 91765-4178 (909) 396-2632

SECTION III: SCHEDULE OF EVENTS

Date	Event
September 4, 2020	RFP Released
October 7, 2020	Proposals Due to South Coast AQMD - No Later Than 1:00 pm
October 7-October 16, 2020	Proposal Evaluations
November 13, 2020	Interviews, if required
December 4, 2020	Governing Board Approval
December 11, 2020	Anticipated Contract Execution

SECTION IV: PARTICIPATION IN THE PROCUREMENT PROCESS

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

SECTION V: STATEMENT OF WORK/SCHEDULE OF DELIVERABLES

Statement of Work

Under the direction of the Executive Officer or Deputy Executive Officer of Legislative, Public Affairs and Media, and in coordination with South Coast AQMD legislative staff, the consultant(s) shall gather information, provide advice and assistance, and/or advocate positions on legislation in Sacramento as it directly pertains to the ability of the South Coast AQMD to carry out its statutory responsibilities. The selected Consultant(s) will perform the services listed below on legislative/regulatory matters; however, the responsibilities of the selected Consultant(s) under the contract pursuant to this RFP are not necessarily limited to items listed since there may be other legislative needs that may arise during the course of the legislative process.

- 1. A written strategic and tactical implementation plan for 2021;
- 2. Drafting, and or assisting South Coast AQMD staff, consultants, or other parties in drafting, legislation and other policies and procedures as requested by South Coast AQMD and coordinating or assisting in their introduction;
- 3. Reviewing, identifying, tracking, and monitoring both the actions of the administration and related state agencies as well as the California Legislature for legislation and other proposals potentially affecting air quality and South Coast AQMD's operations, authority, and funding;
- 4. Advocating as directed by South Coast AQMD, on all identified and/or drafted legislation and administrative and other proposals, providing testimony at committee and other special hearings, and providing written communications to legislators, key administrative officials, and other staff regarding South Coast AQMD priorities;
- 5. Negotiating bill language, policies or other state agency provisions related to air quality issues;
- 6. Assist in the integration of South Coast AQMD's state legislative agenda with its federal legislative agenda and local efforts;

- 7. Planning for, and handling unforeseen emergency situations involving legislative or administrative issues, at the direction of South Coast AQMD;
- 8. Producing materials for strategic distribution or inclusion in Legislative Committee/Board proceedings;
- Providing regular reports on the status of all legislative and administrative activities in which interest is expressed by South Coast AQMD or that affect South Coast AQMD:
- 10. Identifying the administration's upcoming environmental legislative agenda and providing work plans, analysis, and consultation on strategies to align efforts to secure support for South Coast AQMD proposals;
- 11. Securing support for South Coast AQMD's mission and policy priorities by the decision-makers in the legislative and administrative bodies of the State of California, including the Governor's Office;
- 12. Gathering information on and scheduling appointments on behalf of South Coast AQMD with key legislators and administration members and appointees;
- 13. Attending and participating in meetings exclusively on behalf of South Coast AQMD with legislative representatives and administration members and appointees; and
- 14. Preparing all reports and filings in the matter and form required of South Coast AQMD pursuant to the Political Reform Act of 1974, as amended and assisting South Coast AQMD in filing such reports. The contractor will promptly furnish to South Coast AQMD a copy of all reports filed with any governmental agency concerning its lobbying activities on behalf of South Coast AQMD.
- *A copy of the 2020 South Coast AQMD's Governing Board Legislative Goals and Objectives is herein incorporated as reference as Attachment B.

Schedule of Deliverables

- 1. Preparation of a Strategic Plan for the upcoming legislative year by no later than January 15, 2021, maximizing South Coast AQMD Board and staff participation and involvement in the legislative process;
- 2. Written drafts of legislative/administrative proposals as requested by South Coast AQMD. Such drafts are to be submitted for review by South Coast AQMD prior to being released:
- Written updates of administrative actions pertaining to air quality-related issues or South Coast AQMD's programs. Such reports are to summarize each proposal/action and its potential impacts, recommend a South Coast AQMD position as appropriate, and identify any upcoming meetings or hearings to discuss the proposal;
- Participation in the monthly South Coast AQMD Legislative Committee meetings, upon South Coast AQMD staff request, to provide updates and presentations on relevant legislative and administrative issues and legislation recommended for South Coast AQMD position;
- 5. Written communications to legislators and key administrative officials conveying South Coast AQMD positions on various bills and administrative actions;
- 6. Following adjournment of the legislative session, a year-end report delineating and summarizing the final status/disposition of relevant legislative and administrative actions;

- 7. Legislative/administrative activities reports and legislative program planning documents and calendars as requested;
- 8. May include a "Capitol Briefing" or "Clean Air Legislative Action Day" or similar event(s) during the contract period to help establish an ongoing South Coast AQMD presence in the Capitol to garner support for the agency's mission and maintain the agency's presence as a resource to the Legislature and the Governor's Office;
- 9. A weekly written report covering pertinent legislative activities during the legislative session, written quarterly reports, a year-end report, and a year-end presentation delineating and summarizing relevant administrative and legislative actions;
- 10.A monthly written report to accompany invoice outlining contractor's specific activities;
- 11. An original signed confidentially agreement; and
- 12. Maintaining permanent records from which the correctness of all written records and filings can be verified. These records are to be open to inspection by South Coast AQMD or its representatives during normal business hours.

SECTION VI: REQUIRED QUALIFICATIONS

- A. Persons or firms proposing to bid on this proposal must be qualified and experienced in representing and advising governmental agencies and must submit qualifications demonstrating this ability in cases involving as many as possible of the following areas: legislative representation, South Coast AQMD Rules and Regulations, air quality laws and other environmental issues.
- B. Proposer must submit the following:
 - Resumes or similar statement of qualifications of person or persons who may be designated as the principal and other support and subcontractor qualification demonstrating the ability to represent South Coast AQMD before the California State Legislature, the Governor's Office and state agencies;
 - 2. List of representative clients; and
 - 3. Summary of proposer's general qualifications to meet required qualifications and fulfill statement of work, including additional Firm personnel and resources.

SECTION VII: PROPOSAL SUBMITTAL REQUIREMENTS

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

Each proposal must be submitted in three separate volumes:

- Volume I Technical Proposal
- Volume II Cost Proposal

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

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

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

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

VOLUME I-TECHNICAL PROPOSAL

DO NOT INCLUDE ANY COST INFORMATION IN THE TECHNICAL VOLUME

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

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

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

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

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

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

5. Provide a summary of your Firm's general qualifications to meet required qualifications and fulfill statement of work, including additional Firm personnel and resources beyond those who may be assigned to the project.

<u>Subcontractors (Section F)</u> - This project may require expertise in multiple technical areas. List any subcontractors that will be used, identifying functions to be performed by them, their related qualifications and experience and the total number of hours or percentage of time they will spend on the project.

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

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

VOLUME II - COST PROPOSAL

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

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

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

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

SECTION VIII: PROPOSAL SUBMISSION

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

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

<u>Due Date</u> - All proposals are due no later than 1:00 p.m., October 7, 2020, and should be directed to:

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

<u>Submittal</u> - Submit eight (8) complete copies of the proposal in a sealed envelope, plainly marked in the upper left-hand corner with the name and address of the Proposer and the words "Request for Proposals P2021-02."

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

<u>Grounds for Rejection</u> - A proposal may be immediately rejected if:

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

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

1. Proposal Evaluation Criteria

(a) R&D Projects Requiring Technical or Scientific Expertise, or Special Projects Requiring Unique Knowledge or Abilities

Understanding the Proble	em	20
Technical/Management A	Approach	20
Contractor Qualifications		20
Previous Experience on S	Similar Projects	10
Cost		<u>30</u>
	TOTAL	100

(b) Additional Points

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

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

Self-Certification for Additional Points

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

2. To receive additional points in the evaluation process for the categories of Small Business or Small Business Joint Venture, DVBE or DVBE Joint Venture or Local Business (for non-federally funded projects), the proposer must submit a self-certification at the time of proposal submission certifying that the proposer meets the requirements set forth in Attachments A and B. To receive points for the use of DVBE and/or Small Business subcontractors, at least 25 percent of the total contract value must be subcontracted to DVBEs and/or Small Businesses. To receive points as a Zero or Near-Zero Emission Vehicle Business, the proposer must demonstrate to the Executive Officer, or designee, that supplies and materials delivered to South Coast AQMD are delivered in vehicles that operate on clean-fuels. To receive points as a Local Business, the proposer must affirm that it has an ongoing business within the South Coast AQMD at the time of

bid/proposal submittal and that 90% of the work related to the contract will be performed within the South Coast AQMD. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points. Federally funded projects are not eligible for local business incentive points. To receive points as an Off-Peak Hours Delivery Business, the proposer must submit, at proposal submission, certification of its commitment to delivering supplies and materials to South Coast AQMD between the hours of 10:00 a.m. and 3:00 p.m. To receive points for Most Favored Customer status, the proposer must submit, at proposal submission, certification of its commitment to provide most favored customer status to the South Coast AQMD. The cumulative points awarded for Small Business, DVBE, use of Small Business or DVBE Subcontractors, Local Business, Zero or Near-Zero Emission Vehicle Business, Off-Peak Hour Delivery Business and Most Favored Customer shall not exceed 17 points.

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

- Solicitation and Protest Regarding Award of a Contract. Copies of the Bid Protest Policy can be secured through a request to South Coast AQMD Procurement Department.
- G. The Executive Officer or Governing Board may award contracts to more than one proposer if in (his or their) sole judgment the purposes of the (contract or award) would best be served by selecting multiple proposers.
- H. If additional funds become available, the Executive Officer or Governing Board may increase the amount awarded. The Executive Officer or Governing Board may also select additional proposers for a grant or contract if additional funds become available.
- I. <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: FUNDING

The total funding for the work contemplated by this RFP will be a maximum \$365,000 for the base year with an option to renew the contract for a second year for an estimated amount of \$365,000.

SECTION XI: SAMPLE CONTRACT

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

ATTACHMENT A

PARTICIPATION IN THE PROCUREMENT PROCESS

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

B. Definitions:

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

- 1. "Women business enterprise" (WBE) as used in this policy means a business enterprise that meets all of the following criteria:
 - a. a business that is at least 51 percent owned by one or more women, or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more 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 90percent or lower of the existing standard.
- 8. "Off-Peak Hours Delivery Business" as used in this policy means a company or contractor that commits to conducting deliveries to South Coast AQMD during off-peak traffic hours defined as between 10:00 a.m. and 3:00 p.m.

- 9. "Benefits Incentive Business" as used in this policy means a company or contractor that provides janitorial, security guard or landscaping services to South Coast AQMD and commits to providing employee health benefits (as defined below in Section VIII.D.2.d) for full time workers with affordable deductible and co-payment terms.
- 10. "Minority Business Enterprise" as used in this policy means a business that is at least 51 percent owned by one or more minority person(s), or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more or minority persons.
 - a. a business whose management and daily business operations are controlled by one or more minority persons.
 - b. a business which is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign-based business.
 - c. "Minority person" for purposes of this policy, means a Black American, Hispanic American, Native-American (including American Indian, Eskimo, Aleut, and Native Hawaiian), Asian-Indian (including a person whose origins are from India, Pakistan, and Bangladesh), Asian-Pacific-American (including a person whose origins are from Japan, China, the Philippines, Vietnam, Korea, Samoa, Guam, the United States Trust Territories of the Pacific, Northern Marianas, Laos, Cambodia, and Taiwan).
- 11. "Most Favored Customer" as used in this policy means that the South Coast AQMD will receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services.
- 12."Disadvantaged Business Enterprise" as used in this policy means a business that is an entity owned and/or controlled by a socially and economically disadvantaged individual(s) as described by Title X of the Clean Air Act Amendments of 1990 (42 U.S.C. 7601 note) (10% statute), and Public Law 102-389 (42 U.S.C. 4370d)(8% statute), respectively;
 - a Small Business Enterprise (SBE):
 - a Small Business in a Rural Area (SBRA);
 - a Labor Surplus Area Firm (LSAF); or
 - a Historically Underutilized Business (HUB) Zone Small Business Concern, or a concern under a successor program.
- C. Under Request for Quotations (RFQ), DVBEs, DVBE business joint ventures, small businesses, and small business joint ventures shall be granted a preference in an amount equal to 5percent 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 b 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 2percent of the lowest cost responsive bid. Businesses

- offering Most Favored Customer status shall be granted a preference in an amount equal to 2 percent of the lowest cost responsive bid.
- D. Under Request for Proposals, DVBEs, DVBE joint ventures, small businesses, and small business joint ventures shall be awarded ten (10) points in the evaluation process. A non-DVBE or large business shall receive seven (7) points for subcontracting at least twenty-five (25%) of the total contract value to a DVBE and/or small business. Zero or Near-Zero Emission Vehicle Businesses shall be awarded five (5) points in the evaluation process. On procurements which are not funded in whole or in part by federal grant funds local businesses shall receive five (5) points. Off-Peak Hours Delivery Businesses shall be awarded two (2) points in the evaluation process. Businesses offering Most Favored Customer status shall be awarded two (2) points in the evaluation process.
- E. South Coast AQMD will ensure that discrimination in the award and performance of contracts does not occur on the basis of race, color, sex, national origin, marital status, sexual preference, creed, ancestry, medical condition, or retaliation for having filed a discrimination complaint in the performance of South Coast AQMD contractual obligations.
- F. South Coast AQMD requires Contractor to be in compliance with all state and federal laws and regulations with respect to its employees throughout the term of any awarded contract, including state minimum wage laws and OSHA requirements.
- G. When contracts are funded in whole or in part by federal funds, and if subcontracts are to be let, the Contractor must comply with the following, evidencing a good faith effort to solicit disadvantaged businesses. Contractor shall submit a certification signed by an authorized official affirming its status as a MBE or WBE, as applicable, at the time of contract execution. South Coast AQMD reserves the right to request documentation demonstrating compliance with the following good faith efforts prior to contract execution.
 - Ensure Disadvantaged Business Enterprises (DBEs) are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.
 - 2. Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.
 - Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and Local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.
 - 4. Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.
 - 5. Using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

- 6. If the prime contractor awards subcontracts, require the prime contractor to take the above steps.
- H. To the extent that any conflict exists between this policy and any requirements imposed by federal and state law relating to participation in a contract by a certified MBE/WBE/DVBE as a condition of receipt of federal or state funds, the federal or state requirements shall prevail.
- I. When contracts are not funded in whole or in part by federal grant funds, a local business preference will be awarded. For such contracts that involve the purchase of commercial off-the-shelf products, local business preference will be given to suppliers or distributors of commercial off-the-shelf products who maintain an ongoing business within the geographical boundaries of South Coast AQMD. However, if the subject matter of the RFP or RFQ calls for the fabrication or manufacture of custom products, only companies performing 90% of the manufacturing or fabrication effort within the geographical boundaries of South Coast AQMD shall be entitled to the local business preference. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points.
- J. In compliance with federal fair share requirements set forth in 40 CFR Part 33, South Coast AQMD shall establish a fair share goal annually for expenditures with federal funds covered by its procurement policy.

ATTACHMENT B

CERTIFICATIONS & REPRESENTATIONS



South Coast Air Quality Management District

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

Business Information Request

Dear South Coast AQMD Contractor/Supplier:

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

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

If you do not return this information, we will <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:tm

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 INFORMATION REQUEST

Business Name							
Division of							
Subsidiary of							
Website Address							
Type of Business Check One:		Corporation LLC/LLP,	ne on, ID No ID No		led in		
		REMIT1	TING ADDR	ESS INFO	RMATIO	N	
Address							
City/Town							
State/Province				Zip			
Phone	()	-	Ext	Fax	()	-	
Contact				Title			
E-mail Address				<u> </u>	-		
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.

a				
Statements	\cap t	Cert11	1Cati	On

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.
- 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 known information submitted is factual.	wledge the above information is accurate. Upon penalty of perjury, I certify
State of California Public Works Contractor R INCLUDED IF BID PROPOSAL IS FOR PUBLIC	0
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 Enterprise ☐ Disabled Veteran-owned Business Enterprise/DVBE Joint Venture ☐ Most Favored Customer Pricing Certification

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.
 - 2) Classified between Codes 311000 to 339000, inclusive, of the North American Industrial Classification System (NAICS) Manual published by the United States Office of Management and Budget, 2007 edition.

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

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

- is at least 51 percent owned by one or more women or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more women.
- is a business whose management and daily business operations are controlled or owned by one or more
- 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

payer
d 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	o not leave this line blank,						
	2 Business name/disregarded entity name, if different from above							
n page 3.	3 Check appropriate box for federal tax classification of the person whose nan following seven boxes,		_	cer	Exemptions rtain entities tructions of	s, not in	dividua	
ns o	☐ Individual/sole proprietor or ☐ C Corporation ☐ S Corporation single-member LLC	Partnership	☐ Trust/estate	- 1	empt payee	code (if	any) _	
r typ	Limited flability company. Enter the tax classification (C=C corporation, S			-				
Print or type. Specific Instructions on page	Note: Check the appropriate box in the fine above for the tax classificatio LLC if the LLC is classified as a single-member LLC that is disregarded from another LLC that is not disregarded from the owner for U.S. federal tax p is disregarded from the owner should check the appropriate box for the tax	om the owner unless the ov urposes. Otherwise, a single	wner of the LLC is e-member LLC to	5	emption fro de (if any)	m FATC	A repo	rting
₫	Other (see instructions) ▶			ИРР	Nos to account	maintaine	f outside	the U.S.)
See	6 City, state, and ZIP code	_						
	7 List account number(s) here (optional)							
Par								
	our TiN in the appropriate box. The TIN provided must match the nan p withholding. For individuals, this is generally your social security nun			security	y number		,	
reside	nt allen, sole proprietor, or disregarded entity, see the instructions for I	Part I, later. For other		,	-	l -l		
entitie: TIN, la	s, it is your employer identification number (EIN). If you do not have a r	number, see How to get		<u> </u>		J L		لــــــــــــــــــــــــــــــــــــــ
	ler. If the account is in more than one name, see the instructions for line 1	Alco coo What Namo a	or Employ	er iden	ntification :	umber		\neg
Numb	er To Give the Requester for guidelines on whose number to enter.	. Also see vynat ivame a	no <u>Empro</u>	1	I	I	TT	╡
	·			-				
Part	Certification							
Under	penalties of perjury, I certify that:							
2, I am Sen	number shown on this form is my correct taxpayer identification number on to subject to backup withholding because: (a) I am exempt from backup withholding as a result of a failure onger subject to backup withholding as a result of a failure onger subject to backup withholding; and	ckup withholding, or (b)	I have not been	notifie	ed by the	interna		
3. l 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	pt from FATCA reporting	is correct.					
you ha acquis	cation instructions. You must cross out item 2 above if you have been no ve falled to report all interest and dividends on your tax return. For real estition or abandonment of secured property, cancellation of debt, contribution than interest and dividends, you are not required to sign the certification, b	tate transactions, item 2 ons to an individual retire	does not apply. ment arrangeme	For mo	ortgage int A), and ger	erest pa nerally,	aid, payme	ents
Sign Here	Signature of U.S. person ►	D	ate ▶					
Ger	neral Instructions	Form 1099-DIV (divi funds)	idends, includir	ng thos	se from st	ocks o	r mutu	ial
Section noted.	n references are to the Internal Revenue Code unless otherwise	Form 1099-MISC (v proceeds)	arious types of	incom	ne, prizes,	award	s, or g	ross
related	re developments. For the latest information about developments ted to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions, such as legislation enacted set to Form W-9 and its instructions.							
	ney were published, go to www.lrs.gov/FormW9.	• Form 1099-S (proce	eds from real	estate	transactio	ns)		
Purp	oose of Form	 Form 1099-K (merch 	hant card and t	third pa	arty netwo	ork tran	sactio	ns)
inform	ividual or entity (Form W-9 requester) who is required to file an ation return with the IRS must obtain your correct taxpayer cation number (TIN) which may be your social security number	• Form 1098 (home m 1098-T (tuition)		st), 109	98-E (stud	lent loa	n inter	rest),
	individual taxpayer identification number (ITIN), adoption	 Form 1099-C (cancel) Form 1099-A (acquired) 		onmo-	t of com-	od ess-	ort A	
	rer identification number (ATIN), or employer identification number	Use Form W-9 only						nt
amour	to report on an information return the amount paid to you, or other at reportable on an information return. Examples of information	alien), to provide your	correct TIN.			•		
	s include, but are not limited to, the following. n 1099-INT (interest earned or paid)	If you do not return be subject to backup later,						

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).
- 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 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 alien.
- The treaty article addressing the income.
- 4. The type and amount of income that qualifies for the exemption from tax. $\label{eq:control}$
- Sufficient facts to justify the exemption from tax under the terms of the treaty article.

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

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

Backup Withholding

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

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

Payments you receive will be subject to backup withholding if:

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

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

Also see Special rules for partnerships, earlier.

What is FATCA Reporting?

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

Updating Your Information

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

Penalties

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

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

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

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

Specific Instructions

Line 1

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

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

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

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

- b. Sole proprietor or single-member LLC. Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.
- c. Partnership, LLC that is not a single-member LLC, C corporation, or S corporation. Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.
- d. Other entities. Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.
- e. Disregarded entity. For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TiN.

Line 2

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

Line 3

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

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

Line 4, Exemptions

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

Exempt payee code.

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

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

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

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

IF the payment is for	THEN the payment is exempt for
Interest and dividend payments	All exempt payees except for 7
Broker transactions .	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securitles 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

¹ 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.

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 allen 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

what name and numbe	r to dive 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(o)(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
10. 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		
15, Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust		

- ¹ List first and circle the name of the person whose number you furnish, If only one person on a joint account has an SSN, that person's number must be furnished.
- ² Circle the minor's name and furnish the minor's SSN.
- ³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.
- List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see Special rules for partnerships, earlier.

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

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

Secure Your Tax Records From Identity Theft

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

To reduce your risk:

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

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

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

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

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

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

Form W-9 (Rev. 10-2018)

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@lrs.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.ldentityTheft.gov and Pub. 5027.

Visit www.irs.gov/ldentityTheft 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.

2020 Withholding Exemption Certificate

590

The	he payee completes this form and submits it to the withholding agent. The withholding age	ent keeps t	his f	orm with their records.
	lithholding Agent Information			11.1
IVIELLI	SET RE			
	ayee Information	I		FEIN CA Corp no. CA SOS file no.
T WOMEN		□ SSN OF IT	IN L	FEIN LI CA Corp no. LI CA SOS no no.
Add	ddress (apt./ste., room, PO box, or PMB no.)			
City	ty (if you have a foreign address, see instructions.)		State	ZIP code
Evo	xemption Reason			
	heck only one box.			
Ву	y checking the appropriate box below, the payee certifies the reason for the exemption from equirements on payment(s) made to the entity or individual.	the Califor	mia i	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 notify the withholding agent. See instructions for General Information D, Definitions.	nonresider	nt at	any time, I will promptly
	Corporations: The corporation has a permanent place of business in California at the address sho California Secretary of State (SOS) to do business in California. The corporation will corporation ceases to have a permanent place of business in California or ceases to the withholding agent. See instructions for General Information D, Definitions.	file 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 address California SOS, and is subject to the laws of California. The partnership or LLC will for LLC ceases to do any of the above, I will promptly inform the withholding agent. Figure partnership (LLP) is treated like any other partnership.	le a Califor	rnia t	tax return. If the partnership
	Tax-Exempt Entities: The entity is exempt from tax under California Revenue and Taxation Code (R&TC) Internal Revenue Code Section 501(c) (insert number). If this entity ceases to the withholding agent. Individuals cannot be tax-exempt entities.			
	Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Per The entity is an insurance company, IRA, or a federally qualified pension or profit-sh			naring Plans:
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CE	ERTIFICATE OF PAYEE: Payee must complete and sign below.			
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stat	nder penalties of perjury, I declare that I have examined the information on this form, including tatements, and to the best of my knowledge and belief, it is true, correct, and complete. I further the facts upon which this form are based change, I will promptly notify the withholding agen	ther declar		
Тур	ype or print payee's name and title		Telep	ohone
Pay	ayee's signature ▶		Date	
	en lar en la			
	7061203	.		Form 590 2019
	TAXABLE YEAR			CALIFORNIA FORM
	2018 Withholding Exemption Certificate			590

2020 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 8, Income Subject to Withholding.

Registered Domestic Partners (RDP) – For purposes of California income tax, references to a spouse, husband, or wife also refer to a Galifornia 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 fith.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 888,745,3885.

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 583, 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 nomesident 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, Flesident 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 at 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 payer'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 norwage 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 spause 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 servicementher serving in compliance with military orders.

Domicile is defined as the one place:

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

A military servicemember's normilitary 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 compilance with Permanent Change of Station orders.

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

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 (FEIN); 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. Bo 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 Norresident Withholding Statement, Form 592-98, Resident and Nonresident Withholding Tax Statement, Form 592-PTE, Pass-Through Entity Annual Withholding Return, Form 592-0 Payment Voucher for Pass-Through Entity Withholding, and Form 592-V, Payment Voucher for Resident or Norresident Withholding.

Additional Information

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

nonwage.

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

for MyFTB.

Telephone: 888.792.4900 or 916.845.4900,

Withholding Services and Compilance phone service

Fax: 916.845.9512

Malt: WITHHOLDING SERVICES AND

COMPLIANCE MS F182 FRANCHISE TAX BOARD PO BOX 942867

SACRAMENTO CA 94257-0551

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

Internet and Telephone Assistance

Website: ffb.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 de habla

711 è 800,735,2929 servicio de relevo de California

Certification Regarding Debarment, Suspension, and Other Responsibility Matters

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

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

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

Typed Name & Title of Authorized Representative				
Signature of Authorized Representative Date				
☐ I am unable to certify to the above statements. My explanation is attached.				



CAMPAIGN CONTRIBUTIONS DISCLOSURE

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

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

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

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

SECTION II.

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

☐ Yes	∐ No	If YES, complete Section II below and then sign and date the form.
		If NO, sign and date below. Include this form with your submittal.
C	C 4 - 1 4	D :1

Campaign Contributions Disclosure, continued:

Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
I declare the foregoing disclosures to be true and	correct.	
By:	_	
Title:	-	
Date:		

DEFINITIONS

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

- (1) Parent subsidiary. A parent subsidiary relationship exists when one corporation directly or indirectly owns shares possessing more than 50 percent of the voting power of another corporation.
- (2) Otherwise related business entity. Business entities, including corporations, partnerships, joint ventures and any other organizations and enterprises operated for profit, which do not have a parent subsidiary relationship are otherwise related if any one of the following three tests is met:
 - (A) One business entity has a controlling ownership interest in the other business entity.
 - (B) There is shared management and control between the entities. In determining whether there is shared management and control, consideration should be given to the following factors:
 - (i) The same person or substantially the same person owns and manages the two entities;
 - (ii) There are common or commingled funds or assets;
 - (iii) The business entities share the use of the same offices or employees, or otherwise share activities, resources or personnel on a regular basis;
 - (iv) There is otherwise a regular and close working relationship between the entities; or
 - (C) A controlling owner (50% or greater interest as a shareholder or as a general partner) in one entity also is a controlling owner in the other entity.

ATTACHMENT C



For South Coast AQMD Use Only

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

AQIVI	(909) 396-2000 • <u>www.aqmd.gov</u>											
Direct Deposit Authorization STEP 1: Please check all the appropriate boxes Individual (Employee, Governing Board Member) New Request Vendor/Contractor Changed Information												
	STEP 2: Payee Information											
Last Name		First Name	st Name		al	Title						
Vendor/Cor	ntractor Business Name (if applicable)			1	1							
Address				Apartment or P.O. Box Number								
City			State	Zip	Country		_					
Taxpayer ID) Number	Telephone Number	er Email Addres			dress	ess					
 Authorization I authorize South Coast Air Quality Management District (South Coast AQMD) to direct deposit funds to my account in the financial institution as indicated below. I understand that the authorization may be rejected or discontinued by South Coast AQMD at any time. If any of the above information changes, I will promptly complete a new authorization agreement. If the direct deposit is not stopped before closing an account, funds payable to me will be returned to South Coast AQMD for distribution. This will delay my payment. This authorization remains in effect until South Coast AQMD receives written notification of changes or cancellation from you. I hereby release and hold harmless South Coast AQMD for any claims or liability to pay for any losses or costs related to insufficient fund transactions that result from failure within the Automated Clearing House network to correctly and timely deposit monies into my account. STEP 3: 												
lere	Name of Bank/Institution											
heck F	Account Holder Name(s)											
Staple Voided Check H	☐ Saving ☐ Checking	Routing Number		mber								
taple V	Bank Representative Printed Name	Bank Representative Signature				Date						
Ó	ACCOUNT HOLDER S					Date						

Date

Input By _

ATTACHMENT C

South Coast AQMD's State Legislative Goals & Objectives for 2020

The following goals and objectives are identified to protect public health and facilitate attainment of state and federal clean air standards within the South Coast region by statutory deadlines, while working with and serving as a resource to state legislators and the Governor; federal, state, and local agencies; business, environmental and community groups; and other stakeholders:

Air Quality Funding

Increase existing and identify new funding sources for clean air programs and priorities that protect public health, eliminate unhealthy air pollution and ensure attainment of state and federal air quality standards, with a focus on incentive programs and research and development projects that support the 2016 Air Quality Management Plan (AQMP) and create opportunities to partner with stakeholders, including local businesses, communities and residents.

South Coast AOMD Authority / Policy Implementation

Protect and ensure adequate South Coast AQMD authority for implementation of the Board's clean air policies and programs, including those required by state and federal law and the 2016 AQMP.

State Support

Work to ensure that the state government does its fair share to reduce air pollution within the South Coast region by providing ample funding and legislative and administrative support to the South Coast AQMD to facilitate implementation of the 2016 AQMP and attainment of federal ozone and particulate matter ambient air quality standards by upcoming federal deadlines.

Environmental Justice

Support and promote legislative policies and funding that: 1) promote and sustain environmental justice initiatives which reduce localized health risks resulting from criteria pollutant and toxic air contaminant emissions; 2) develop and expand access to clean air technology, especially in disproportionately impacted communities; 3) enhance community participation in decision-making; and 4) provide the resources necessary to fully implement local air districts' responsibilities and programs created through Assembly Bill 617 (C. Garcia, Chapter 136, Statutes of 2017).

Development and Deployment of Clean Technology

Support legislative policies and funding that promote the development and deployment of near-zero and zero emission infrastructure, equipment and vehicle technology to protect public health, facilitate attainment of clean air standards and support a healthy economy.2

Climate Change

Seek to influence climate change policies and initiatives and facilitate their implementation consistent with Board policy. In particular, support efforts directing that the Greenhouse Gas Reduction Fund provide a sustainable funding source to maximize criteria and toxic emission reduction co-benefits, promote near- zero and zero-emission vehicles, and address air quality and public health impacts in the South Coast region.

Clean Energy

Support legislative efforts that advance the Board's Energy Policy which promotes energy efficiency, demand reduction and reliable, cost effective and clean energy for all consumers in the District while facilitating attainment of clean air standards and providing support for a healthy economy.

ATTACHMENT C

Support legislative policies and/or administrative actions that promote job retention and creation as well as economic growth, while working toward attainment of clean air standards; and that support and assist the regulated community in complying with rules and regulations in the most efficient and cost-effective manner.

Surface Transportation & Goods Movement

Support and expand policy and funding considerations that promote air quality priorities in connection with the implementation of state and federal surface transportation and goods movement policies and programs, including those related to the FAST Act or successor transportation and infrastructure law.



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 9

PROPOSAL: Appropriate Funds and Amend Existing Contract for Consultant

Services for South Coast AQMD's Why Healthy Air Matters Program and the Environmental Justice Outreach and Initiatives, Appropriate Funds for the Clean Air Program for Elementary

Students, and Modify Existing Board Approved Policy

SYNOPSIS: At the August 7, 2020 meeting, the Board discussed expansion of

the Why Healthy Air Matters (WHAM) Program and the elementary school education program. These actions are to amend the contract for consultant services for WHAM to add \$1,000,000 per year in FY 2020-21, FY 2021-22, and FY 2022-23; amend the contract for consultant services for the Environmental Justice Outreach and Initiatives to add \$100,000 in FY 2020-21 and the amount of \$260,000 per year in FY 2021-22 and FY 2022-23; and

appropriate \$100,000 per year in FY 2020-21, FY 2021-22, and FY

2022-23 for Clean Air Program for Elementary Students

(C.A.P.E.S.), modify the existing Board-approved policy requiring the transfer of 20 percent of annual penalty money received that exceeds \$4 million from the General Fund to the Health Effects Research Fund (48). Prior to making any transfers to the Health Effects Research Fund (48), the identified penalty money would instead be used to fund WHAM, Environmental Justice Outreach and Initiatives, and C.A.P.E.S. If enough funding is not available for these programs in FY 2021-22 or FY 2022-23 based on this

formula, further Board action will be required.

COMMITTEE: Administrative, August 14, 2020; Recommended for Approval

RECOMMENDED ACTIONS:

- 1. Appropriate \$1,100,000 from the General Fund Unreserved (Unassigned) Fund Balance to the Legislative, Public Affairs & Media FY 2020-21 Budget, Services and Supplies Major Object, Professional & Specialized Services account;
- 2. Amend the existing contract with Lee Andrews Group, Inc. for consultant services for the WHAM Program to add \$1,000,000 per year for FY 2020-21, FY 2021-22, and FY 2022-23 out of the General Fund;

- 3. Amend the existing contract with Lee Andrews Group, Inc. for consultant services for Environmental Justice Outreach and Initiatives to add \$100,000 in FY 2020-21 and \$260,00 per year in FY 2021-22 and FY 2022-23 out of the General Fund for the consultant to secure the additional 20 elementary schools;
- 4. Appropriate \$100,000 per year from the General Fund Unreserved (Unassigned) Fund Balance to the Legislative, Public Affairs & Media FY 2020-21, FY 2021-22, and FY 2022-23 Budgets Services and Supplies Major Object, Professional & Specialized Services account for the District to purchase and secure needed products and equipment for the C.A.P.E.S. program;
- 5. Modify the existing Board-approved policy requiring the transfer of 20 percent of annual penalty money received that exceeds \$4 million from the General Fund to the Health Effects Research Fund (48). Prior to making any transfers to the Health Effects Research Fund (48), the identified penalty money would instead be used to fund WHAM, Environmental Justice Outreach and Initiatives, and C.A.P.E.S. The funding amount would be up to \$1.2 million in FY 2020-21 and up to \$1.36 million in FY 2021-2022 and FY 2022-23, respectively. Any remaining penalty money based on the formula stated above will continue to be transferred to the Health Effects Research Fund (48); and
- 6. If enough funding is not available in FY 2021-22 or FY 2022-23 based on this formula, which is 20 percent above \$4 million received in penalty monies, for WHAM, Environmental Justice Outreach and Initiatives, and/or C.A.P.E.S., further Board action will be required to determine the funding source for these projects.

Wayne Nastri Executive Officer

DJA:FW:LTO:MJK:AAL

Background

South Coast AQMD has a long history of K-12 educational outreach to teachers and students in the South Coast Air Basin through programs and events, especially within environmental justice communities. These activities have been effective in raising awareness about South Coast AQMD and air quality issues among teachers and students and their families.

In February of 2015, Dr. Burke and the Board launched the Environmental Justice Community Partnership (EJCP), to strengthen South Coast AQMD's relationships with stakeholders in environmental justice communities and to help clean the air. In October 2015, the Lee Andrews Group, Inc. was contracted to support EJCP outreach efforts and programs.

In February 2019, the Board created the WHAM program to reach out to high schools in the South Coast AQMD four county region to educate students about air pollution and its effects in their communities. Additionally, staff created the Clean Air Program for Elementary Students (C.A.P.E.S.), formerly known as the Clean Air Rangers Elementary School program. Both programs have resulted in reaching several thousand people living within South Coast AQMD's jurisdiction. Additionally, South Coast AQMD's educational outreach inspires students to build air quality friendly lifestyles, get involved in their communities, and consider academic and professional careers in Science, Technology, Engineering, and Math (STEM), as well as public policy.

Due to the COVID-19 pandemic, South Coast AQMD must adapt its K-12 educational outreach to provide both distance learning and, when possible, in person activities such as hands-on experiments and guest speakers. Many schools will be teaching in a hybrid environment with both distance and in-person elements. Additionally, developing specific South Coast AQMD curriculum and videos will create a foundation to present the region's unique air quality challenges, which will help disadvantaged communities, including those in the AB 617 program. The new distance and hybrid learning environments have presented challenges for school districts. These challenges require South Coast AQMD to create new methods of outreach to highlight the benefits of our K-12 programs, especially to those students most significantly impacted by air pollution.

At the August 7, 2020 meeting, the Board discussed expansion of the WHAM program and additional South Coast AQMD education programs to increase air quality awareness, especially in environmental justice communities throughout the region. Youth are often the agents for change within their families as they are inspired to make personal choices to help create a better environment for their families now and in the future. By increasing our youth's exposure to air quality issues in school, South Coast AQMD is also seeking to inspire students' academic and professional careers, as well as providing them with information they can share with their families.

To date, staff have volunteered to be trained and have been teaching both programs. Additional internal staffing or funding for contracts to implement these programs will be needed to manage these increased responsibilities. Staff will develop a proposal for subsequent Board consideration.

In June 2008, the Board established a Health Effects Research Fund and adopted a policy authorizing, upon annual Board approval, the transfer of 20 percent of annual penalty money received that exceeds \$4 million in receipts from the General Fund to the Health Effects Research Fund (48). The amount to be transferred is typically calculated at the end of a fiscal year and transferred to the Health Effects Research Fund (48) in the subsequent fiscal year. Board approval is being requested to modify the existing Board-approved policy to use these penalty monies (based on this formula) to fund

WHAM, Environmental Justice Outreach and Initiatives, and C.A.P.E.S instead of transferring them to the Health Effect Research Fund (48). In FY 2019-20, the penalty funds available for transfer in FY 2020-21 amount to approximately \$1.6 million. Instead of transferring these funds to the Health Effects Research Fund (48), staff is proposing to use a portion of the funds for these proposed contract modifications. The funding needed for these programs would be \$1.2 million in FY 2020-21 and \$1.36 million in FY 2021-22 and FY 2022-23. Any remaining penalty money based on the formula stated above will continue to be transferred to the Health Effects Research Fund (48). In FY 2021-22 or FY 2022-23, if the calculated penalty funds are insufficient, further Board action will be required to determine the funding source for these projects. All contracts contain stop work provisions that can be implemented if future funding is not available.

High School Air Quality Education Program

In February 2019, South Coast AQMD sought to implement an air quality education program at 100 high schools in environmental justice communities within its jurisdiction. The program initially targeted 40 schools in Los Angeles County, and 20 schools each in Orange, Riverside, and San Bernardino Counties.

After a RFP process, the Lee Andrews Group, Inc. was contracted to support program development, outreach, and implementation of the high school air quality educational program in April 2019. The program, now known as WHAM, was successfully launched during the 2019-20 academic year in school districts resulting in the confirmation of 100 schools to participate in the program. The COVID-19 pandemic severely impacted the completion of the program, as teachers and schools scrambled to make the sudden switch to distance learning. The program was implemented in 33 schools and a total of 44 classrooms. The Lee Andrews Group, Inc. assisted with the research, design, development and implementation of all aspects of WHAM. The Lee Andrews Group, Inc. remains obligated to complete work at the remaining schools under the existing contract. Any new funds appropriated will be used to expand the program beyond the initial 100 schools that were targeted.

In March 2020, the Board approved the first of two optional one-year contract extensions with Lee Andrews Group, Inc. for assistance with the WHAM Program, based on the firm's effective performance during the first year of the contract.

The response to WHAM in the first year was positive, as many teachers and students had not heard of the South Coast AQMD and did not know about the local impacts of air pollution on residents living in their communities and the greater region. Additionally, WHAM was especially relatable for teachers and students at high schools within AB 617 communities. High schools located in AB 617 communities received specific presentations on the Community Steering Committees, Community Air Monitoring Plans, and Community Emissions Reductions Plans.

As part of the amended contract, and to expand the program per the Board's direction, Lee Andrews Group, Inc. will hire a Curriculum Specialist to design and develop an educational program for middle school students which can be offered via distance learning and/or in-person. The amended WHAM program will be offered to 100 middle schools and an additional 300 high schools each year for a period of three years within the South Coast AQMD's jurisdiction. After inclusion of those high schools already under contract, and the new schools expected to be added, it is anticipated that this program will reach 300 middle schools and 1,000 high schools. Lee Andrews Group, Inc. also will create videos, website content and website design as appropriate to support distance learning and connect with students in a familiar media format. Lee Andrews Group, Inc. will continue to assist in the research, strategy, project preparation, and program implementation for the second year of the program. These include an updated implementation plan, updating existing outreach materials and drafting new materials, facilitating and coordinating meetings with school districts, school administrators, and teachers, among other critical tasks.

To support the expanded WHAM Program, Lee Andrews Group, Inc. will need to:

- Hire two additional full-time staff dedicated to WHAM;
- Assign a eight-time Emmy Award-winning journalist working on other projects to assist WHAM half-time with writing and volunteer instruction;
- Assign current staff working on other projects to WHAM full-time;
- Hire a Curriculum Specialist to design and develop education program for middle school students;
- Assign a Senior Strategic Advisor working on other projects to assist WHAM quarter-time;
- Dedicate the Lee Andrews Group, Inc. Chief Executive Officer to assist WHAM quarter-time;
- Develop and produce videos; and
- Purchase and/or license additional software, including GIS, Salesforce, Smartsheet, and WebEx, among others.

Elementary School Air Quality Education Program

In 2019, South Coast AQMD launched C.A.P.E.S., an elementary school air quality education pilot program. C.A.P.E.S. builds and fosters South Coast AQMD's relationships with school district officials, students, teachers and families. Staff coordinated and participated in assemblies that provided elementary school students located in environmental justice communities information on air quality and the health effects of air pollution. The assembly presentations included an interactive experiment, examples of how students could do their part to help clean the air, information on zero-emission equipment, and instruction on how to read the Air Quality Index. The program

provides air quality flags to the participating schools, and information packets on South Coast AQMD programs and air quality to send home for the families.

After issuance of an RFP, Lee Andrews Group, Inc. was contracted to support environmental justice outreach efforts and programs in February 2020. In the first year, staff presented C.A.P.E.S. to six schools throughout South Coast AQMD's jurisdiction, reaching over 2,028 students. The overwhelming majority of students had never heard of South Coast AQMD. The response was positive from the participants and schools and reached the majority of students at the school during their lunch recess. Schools have been inspired to continue learning about air quality and some have created Air Quality Clubs. Staff returned to some of the schools to present to student clubs and discuss ways they can help keep the air clean. Staff also returned to school sites to train school staff on how to use the South Coast AQMD mobile application to check air quality.

As part of the amended contract, Lee Andrews Group, Inc. will hire a Curriculum Specialist to design and develop an educational program for elementary students. The curriculum will be incorporated as part of the program and in packets for students to complete from home. Additionally, Lee Andrews Group, Inc. will produce educational videos as appropriate for the expanded K-12 programs. Students are engaged in distance learning and sharing videos is the best way to safely reach them and partner with schools. The videos will be focused on different topics such as Air Quality 101, the Air Quality Index, protecting the air and environment, and careers in STEM.

Additionally, Lee Andrews Group, Inc. will be responsible for expanding the number of schools participating in the program from five to twenty elementary schools per year within South Coast AQMD's jurisdiction. As part of the amended contract, Lee Andrews Group, Inc. will also assist in the outreach and evaluation of C.A.P.E.S. They will assist in reaching out to school district officials, administrators, principals, teachers, and other stakeholders. Lee Andrews Group, Inc. will assist in scheduling, project preparation, and coordination of the program with school sites. In order to maintain updated information and continue building relationships with elementary schools, Lee Andrews Group, Inc. will assist in coordinating annual follow-ups with the schools, drafting outreach materials, and website content. Furthermore, Lee Andrews Group, Inc. will retrieve evaluations from school sites and compile program data.

The additional funds for C.A.P.E.S. will be used for implementation, supplies, materials, equipment, and other necessary expenses. This will allow staff to expand the program and reach more students and families. Due to the COVID-19 pandemic, staff will need to package materials individually for students. Furthermore, this funding will allow staff to develop additional materials to share with administrators, teachers, and families regarding C.A.P.E.S.

Proposal

This proposal would:

- 1. Appropriate \$1,100,000 from the General Fund Unreserved (Unassigned) Fund Balance to the Legislative, Public Affairs & Media FY 2020-21 Budget, Services and Supplies Major Object, Professional & Specialized Services account; and
- 2. Amend the existing contract with Lee Andrews Group, Inc. for consultant services for the WHAM Program to add \$1,000,000 per year for three years out of the General Fund, starting in FY 2020-21; and
- 3. Amend the existing contract with Lee Andrews Group, Inc. for consultant services for the Environmental Justice Outreach and Initiatives to add \$100,000 in FY 2020-21 and \$260,000 per year in FY 2021-22 and FY 2022-23 out of the General Fund for the consultant to secure the additional 20 elementary schools; and,
- 4. Add Appropriate \$100,000 per year from the General Fund Unreserved (Unassigned) Fund Balance to the Legislative, Public Affairs & Media FY 2020-21, FY 2021-22, and FY 2022-23 Budget Services and Supplies Major Object, Professional & Specialized Services account for the South Coast AQMD to purchase and secure needed products and equipment for the C.A.P.E.S. program; and
- 5. Modify the existing Board-approved policy requiring the transfer of 20 percent of annual penalty money received that exceeds \$4 million from the General Fund to the Health Effects Research Fund (48). Prior to making any transfers to the Health Effects Research Fund (48), the identified penalty money would instead be used to fund WHAM, Environmental Justice Outreach and Initiatives, and C.A.P.E.S. The funding amount would be up to \$1.2 million in FY 2020-21 and up to \$1.36 million in FY 2021-22 and FY 2022-23, respectively.

Resource Impacts

Sufficient funding is available from the General Fund Unreserved (Unassigned) Fund Balance for these contracts in FY 2020-21.



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 10

PROPOSAL: Appoint Alternate Medical Member to Hearing Board

SYNOPSIS: On June 7, 2019, the Governing Board directed staff to recruit for

the vacant Alternate Medical Member position on the South Coast

AQMD Hearing Board. Twelve applications were submitted between July 2019 through April 2020, with two candidates meeting the required qualifications. As required by state law, an

appointed Hearing Board Advisory Committee (Advisory

Committee) reviewed the application materials for both candidates. The Advisory Committee agreed to waive their interview of the candidates and recommended that the candidates move forward for interviews with the Governing Board's Administrative Committee. The Administrative Committee interviewed the candidates at its August 14, 2020 meeting. This action is to appoint the Alternate Medical Member to fill the unexpired term ending June 30, 2022.

COMMITTEE: Administrative, August 14, 2020; Recommended for Approval

RECOMMENDED ACTION:

Appoint Karin C. Li, MD as the Alternate Medical Member to the South Coast AQMD Hearing Board effective September 4, 2020 to fill the unexpired term ending June 30, 2022.

Wayne Nastri Executive Officer

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Background

The Hearing Board is a quasi-judicial body appointed by, but acting independently of, the Governing Board. Pursuant to state law, the Hearing Board consists of one engineer, one attorney, one medical professional and two public members. An alternate member is appointed for each position to serve in the absence of the regular member.

Health and Safety Code Section 40501.1(b), specifies that a Hearing Board Advisory Committee (Advisory Committee) appointed by each of the Governing Board members that represent the Counties of Los Angeles, Orange, Riverside, and San Bernardino, and the City of Los Angeles review candidates and make recommendations to the appropriate Governing Board committee for appointments to the Hearing Board (The appropriate Governing Board standing committee is the Administrative Committee which will make a recommendation to the full Board).

At its May 10, 2019 meeting, the Administrative Committee recommended that the Governing Board reappoint Dr. Roger Lerner as the Medical Member, and appoint Dr. Allan Bernstein as the Alternate Medical Member, for the term commencing July 1, 2019 and ending June 30, 2022. Subsequent to the May Administrative Committee meeting, Dr. Lerner passed away and the Governing Board appointed Dr. Allan Bernstein as the Medical Member at the June 7, 2019 meeting and directed staff to recruit for an Alternate Medical Member.

The recruitment announcement for the Alternate Medical Member position was opened from July 2019 through April 2020. It was advertised and posted on South Coast AQMD website, general and professional job boards/websites and social media platforms (Facebook, Twitter, Instagram). Additionally, letters were sent to medical associations, departments of public health for Los Angeles, Orange, Riverside and San Bernardino counties and the American Lung Association; through direct contact with medical professionals; and the recruitment announcement was distributed at the Taste of Soul Family Festival in Los Angeles in October 2019.

Between July 2019 and April 2020, 12 applications/resumes were submitted. Of the 12 applications/resumes received, nine did not qualify (were not licensed physicians); one was incomplete; and two qualfied. The following two candidates qualified: Dr. Karin C. Li and Dr. Diego Ivan Kriger. The application materials for both candidates were sent to the Advisory Committee for review. After reviewing the application materials, the Advisory Committee agreed to waive their interview of the candidates and referred them to the Administrative Committee for interviews.

Proposal

After interviewing each candidate at their August 14, 2020 meeting, the Administrative Committee recommended that the Board appoint Dr. Karin C. Li to the South Coast AQMD Hearing Board as the Alternate Medical Member for the term that commenced July 1, 2019 and ending June 30, 2022. Dr. Li was contacted to advise of the Administrative Committee's recommendation and she indicated her willingness to serve. The following is a summary of Dr. Li's qualifications.

Karin C. Li, MD – A physician specializing in Internal Medicine Primary Care for 13 years with a private practice in Eastvale, California since 2012. Dr. Li attended Pomona College where she was chosen and spent a semester studying abroad at Oxford University, England. After graduating magna cum laude with a Bachelor of Arts degree in economics, she attended the University of Pittsburgh School of Medicine. Upon graduating in 2004 from the University of Pittsburgh, she was awarded the Dean's Biomedical Research Fellowship Grant and spent one year conducting research on paraganglioma tumor mutations using genetic sequencing under the mentorship of Professor Jeffrey Kant at the Department of Pathology. Dr. Li returned to Southern California and completed a residency in internal medicine at Kaiser Permanente, Los Angeles. In 2007, she joined the Southern California Permanente Medical Group at the Baldwin Park campus and was promoted to partner physician in 2012. As someone who values independence and entrepreneurship, Dr. Li started her own private practice in 2012. She also holds a faculty position at the University of California, Riverside, School of Medicine as an Assistant Clinical Professor and considers it a special privilege to teach our future generation of physicians in Southern California.

Fiscal Impacts

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





BOARD MEETING DATE: September 4, 2020 AGENDA NO. 11

PROPOSAL: Issue New and Amended Solicitations, Approve Reallocation of

Funds, and Approve Award and Contract Modifications as

Approved by MSRC

SYNOPSIS: The Mobile Source Air Pollution Reduction Review Committee

(MSRC) approved an RFP for website maintenance and hosting and amendments to the Program Announcement for transportation

to major event centers. Additionally, the MSRC approved a

reallocation in their partnership with South Coast AQMD for near-zero trucks and an award to launch the implementation of a new program targeting the last segment of goods delivery. The MSRC also authorized the modification of two contracts/awards. At this time the MSRC seeks Board approval of the contract award, contract modifications, and reallocation, and release of the new and

amended solicitations as part of the FYs 2016-18 and 2018-21

Work Programs.

COMMITTEE: Mobile Source Air Pollution Reduction Review, August 20, 2020;

Recommended for Approval

RECOMMENDED ACTIONS:

- 1. Issue RFP for MSRC website hosting and maintenance services, as part of approval of the FYs 2018-21 Work Program, as described in this letter and in the attached RFP;
- 2. Approve amendments to the Program Announcement for the Major Event Center Transportation Program, as part of approval of the FYs 2018-21 Work Program, as described in this letter and in the attached Program Announcement;
- 3. Approve modified award to Los Angeles Metropolitan Transportation Authority (Metro) under the Major Event Center Transportation Program, reallocating \$2,188,899 in funding from special bus service to Dodger Stadium in 2020 and 2021 to funding for service in 2021 and 2022, as part of approval of the FYs 2018-21 Work Program, as described in this letter;
- 4. Approve reallocation of \$3,000,000 from partnership with South Coast AQMD on implementation of Market Acceleration Program to partnership with South Coast AQMD on implementation of Trade Down Program, continuing to support the early deployment of near-zero emission natural gas trucks, as part of approval of the FYs 2018-21 Work Program, as described in this letter;

- 5. Approve contract award to Southern California Association of Governments (SCAG) in an amount not to exceed \$10,000,000 to implement the Last Mile component of the MSRC's Regional Goods Movement Program, as part of approval of the FYs 2018-21 Work Program, as described in this letter;
- 6. Approve modified contract with the Regents of the University of California under the Hydrogen Infrastructure Partnership Program, relocating the hydrogen refueling station at the University of California, Irvine from 19172 Jamboree Road to the intersection of California Avenue and Academy Way, and extending the contract term one year, as part of approval of the FYs 2016-18 Work Program, as described in this letter;
- 7. Authorize MSRC to adjust contract awards up to five percent, as necessary and previously granted in prior work programs; and
- 8. Authorize the Chairman of the Board to execute the new and modified contracts under the FYs 2016-18 and 2018-21 Work Programs, as described above and in this letter.

Larry McCallon Chair, MSRC

MMM:NB:CR

Background

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

Proposal

At its August 20, 2020 meeting, the MSRC considered recommendations from its MSRC Technical Advisory Committee (MSRC-TAC) and approved the following:

FYs 2018-21 MSRC Website Hosting and Maintenance

Previously at their June 2020 meeting, the MSRC authorized the development of a draft RFP for the hosting and maintenance of the MSRC website. The MSRC has now considered and approved an RFP to identify and retain a contractor to host and maintain their existing website. The RFP includes an optional bidders' conference on Wednesday, September 23, 2020. Rather than specify a budget in advance, bidders are directed to provide cost proposals for the specified work, with cost being a significant selection criterion. Proposals will be due by 5:00 p.m. on Friday, October 9, 2020. It is anticipated

that an award will be made on or about December 4, 2020; that award will be part of the FYs 2018-21 AB 2766 Discretionary Fund Work Program.

FYs 2018-21 Major Event Center Transportation Program

The MSRC's 2019-2021 Edition Major Event Center Transportation Program Announcement, which is still open for applications through March 30, 2021, specifies that all events receiving MSRC Clean Transportation Funding under the Program Announcement must be held no later than December 31, 2021. Due to the unforeseen effects of COVID-19 and the public health safety measures currently prohibiting patrons from attending events at major venues, the MSRC approved extending the Program Announcement's deadline for events by one year to December 31, 2022.

In relation to the above, the MSRC previously approved a \$2,188,899 award to Los Angeles County Metropolitan Transportation Authority (Metro) to implement special transit service to Dodger Stadium for 2020 and 2021. A proposed was being developed to effectuate the award. Prior to the launch of the 2020 Dodgers season, the COVID-19 pandemic resulted in a freeze of major league baseball games. 2020 games are now to be conducted without fans in attendance, obviating the need for special bus service. Metro requested that the unused funding be reallocated to future seasons. The MSRC considered Metro's request and approved reallocating \$2,188,899 from special bus service to Dodger Stadium in 2020 and 2021 to funding for service in 2021 and 2022.

FYs 2018-21 Near-Zero Trade-Down Program

The Market Acceleration Program (MAP) is a South Coast AQMD program to support the early deployment of near-zero emission natural gas trucks. This program was originally designed to offer incentives via two types of transactions: 1) a simple incentive for the purchase of a new near-zero truck with scrappage of an old truck, and 2) a tradedown approach involving two parties and three trucks, which targets the owners of the highest emitting vehicles who often cannot afford to purchase a brand new truck. Previously, the MSRC allocated \$4,000,000 to augment the South Coast AQMD funding to implement the MAP. Subsequently, South Coast AQMD has decided to bifurcate the two aspects of MAP. Clean Energy will continue to coordinate the simpler vehicle purchase incentive element, and the MAP name will be retained for this aspect. South Coast AQMD will implement a separate Trade-Down Program (TDP) for the three-party transactions. The MSRC considered this modified partnership opportunity and approved reallocation of \$3,000,000 from partnership with South Coast AQMD on implementation of MAP to partnership with South Coast AQMD on implementation of the TDP. \$1,000,000 would remain allocated to MAP.

FYs 2018-21 Last Mile Program

The Last Mile component of the MSRC's Regional Goods Movement Program focuses on reducing emissions from transportation of goods following departure from distribution centers. SCAG proposed to implement the Last Mile component on behalf of the MSRC. SCAG proposed two phases of implementation, but given uncertainties in future revenues due to COVID-19 impacts, only Phase I is to be implemented immediately. This phase

focuses on the procurement and commercial deployment of zero emission or near-zero emission heavy- and/or medium-duty on-road trucks with the potential for supporting infrastructure. In consultation with the MSRC-TAC Last Mile Subcommittee and MSRC-TAC, SCAG would develop, and obtain MSRC approval of, Program Guidelines. Considerations to be included in the development of the Program Guidelines include a geographic funding minimum of \$1,250,000 for each county within South Coast AQMD jurisdiction, a minimum 1:1 investment match for each project proposal, and a \$5,000,000 funding maximum per project. SCAG would next issue a Call for Projects in conformance with the Program Guidelines, review submitted proposals in conjunction with the Last Mile Subcommittee and MSRC-TAC, and provide a recommended list of projects for final MSRC approval. SCAG would then oversee project implementation and provide evaluation and reports. The MSRC considered SCAG's proposal and approved a sole-source contract award to SCAG in an amount not to exceed \$10,000,000 to implement the Last Mile Program.

FYs 2016-18 Hydrogen Infrastructure Partnership Program

In October 2018, the MSRC approved a contract award to the Regents of the University of California (UCI) to expand their existing publicly accessible hydrogen refueling station. UCI now indicates that the current location of the station has been selected for a hospital. In response, UCI Administration has evaluated options and identified a site on UCI property in the near vicinity with enhanced accessibility and visibility. UCI Administration has committed to cover the cost of relocating the station. They requested the MSRC to approve the location change from 19172 Jamboree Road, Irvine, California, to the intersection of California Avenue and Academy Way, Irvine, California. UCI also requested a one-year term extension to allow for site preparation and utility resources. The MSRC considered and approved UCI's requested contract modifications.

At this time, the MSRC requests the South Coast AQMD Board approve the contract award, modifications and reallocation, and to release the new and amended solicitations as part of approval of the FYs 2016-18 and 2018-21 AB 2766 Discretionary Fund Work Programs as outlined above. The MSRC also requests the Board authorize the South Coast AQMD Board Chairman to execute all agreements described in this letter. The MSRC further requests authority to adjust the funds allocated to each project specified in this Board letter by up to five percent of the project's recommended funding. The Board has granted this authority to the MSRC for all past Work Programs.

Sole Source Justification

As an element of its FYs 2018-21 Work Program, the MSRC allocated \$10,000,000 to partner with SCAG on the Last Mile Program. As discussed in Proposals above, the project will be implemented by initiating a sole-source contract with SCAG pursuant to South Coast AQMD Procurement Policy section VIII(B)(2)(c). While the MSRC and South Coast AQMD strive to retain technical services on a competitive basis, the South Coast AQMD's Procurement Policy and Procedure recognizes that, at times, the required services are available from only one source, making the pursuit of a competitive procurement futile. SCAG is the Municipal Planning Organization for the South Coast

AQMD jurisdiction and is responsible for the development of the Regional Transportation Plan (RTP). They have conducted extensive research and analysis in the areas of last mile delivery, supply chains, e-commerce, and many other facets of goods movement planning. SCAG's RTP responsibilities put them in a unique position to implement the program.

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

RFP2021-04 – Hosting and Maintenance of the MSRC Website

Modified Program Announcement PA2019-03 – Major Event Center Transportation

Programs



Hosting and Maintenance of the MSRC Website

www.CleanTransportationFunding.org

Request for Proposals

P2021-04

September 4, 2020

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SECTION 1 – Solicitation Overview

I.A. Introduction

The Mobile Source Air Pollution Reduction Review Committee (MSRC) requests proposals from qualified website providers to assist in the hosting, maintenance, and minor modification of the MSRC's website. For the purpose of this solicitation, the terms "bidder", "contractor" and "website developer" are used interchangeably.

To reduce the need to photocopy, package, and physically submit paper applications, the solicitation requires that proposals be submitted electronically in PDF format using the MSRC website. We believe this benefits the proposer, the MSRC staff, and the environment.

I.B. Background

The Mobile Source Air Pollution Reduction Review Committee, or "MSRC", is responsible for funding transportation projects that reduce air pollution in Southern California. The MSRC was created in 1990 by the California State Legislature as part of Assembly Bill (AB) 2766, which authorizes the Department of Motor Vehicles to collect a \$4 surcharge on vehicle registration fees. Under AB 2766, the MSRC receives 30% of the surcharge as part of a Discretionary Fund to support projects that reduce pollution from mobile sources, such as cars, trucks, and buses. The Discretionary Fund has an annual budget of approximately \$14 million.

In 1999, the MSRC contracted with a website development firm for the design, development, activation, testing, hosting, and maintenance of its first website. Located under the domain name www.msrc-cleanair.org, the MSRC used this site as a medium to disseminate both time sensitive and historical information to current MSRC contractors, prospective project applicants, and other interested parties. The website was developed and ultimately launched in July 2000. In 2005, the MSRC contracted with a website development firm to develop a successor website which incorporated most of the features of the original plus substantial new functionality. Similar processes occurred in 2011 and 2016. A few upgrades have been made in the ensuing years, but essentially this is the current MSRC website located under the domain name www.cleanTransportationFunding.org. Key features of the current website include:

- Ability for the public to download current solicitation documents in either Microsoft Word and PDF format;
- A key-word searchable library containing summaries of MSRC-funded projects, photos and final reports for many projects;
- Current MSRC and MSRC-Technical Advisory Committee (MSRC-TAC) meeting agendas and archives of past meeting agendas and minutes;
- Current and past MSRC articles and press releases;
- History of the MSRC, related statutes and list of current MSRC and MSRC-TAC members;
- A subscription system by which interested parties can sign up to receive e-mail notifications of solicitations, agendas, and news articles, as well as a related system to assemble and distribute an electronic newsletter;

- An interface for MSRC contractors to download guidance documents and templates; and
- Ability to submit applications and proposals online.

Furthermore, much of the current website's content is able to be added, deleted or modified by MSRC staff without assistance of the website contractor.

The current website has served the MSRC well for almost four years. The MSRC does not necessarily see a need for a major overhaul of the website at the present time, but the current contract for hosting and maintenance of the site is approaching a close. Therefore, the purpose of this Request for Proposals (RFP) is to solicit qualified firms to submit proposals in accordance with requirements specified herein for the uninterrupted continued hosting and maintenance of the MSRC website, including future minor modifications to the website. As a point of reference, in recent years the MSRC has expended approximately \$13,500 per two-year period for these types of costs. The MSRC also seeks an analysis of the site's compliance with the Web Content Accessibility Guidelines.

I.C. Schedule of Events

This solicitation will be conducted in accordance with the timeline illustrated in Table I, below. Proposals may be submitted at any time during the period commencing September 4, 2020 and ending October 9, 2020. Please note that proposals must be received no later than 5:00 p.m. on October 9, 2020.

MSRC Website Development Key Procurement Events	Date		
Request for Proposals Release	September 4, 2020		
Optional Bidders' Conference, 1:30 p.m. via video conference	September 23, 2020		
Latest Date and Time to Submit Proposal	October 9, 2020 @ 5:00 pm		
Proposal Evaluation Period	October 13 – 20, 2020		
Interviews/Oral Presentations of Short-Listed Bidders	October 28, 2020*		
Contractor Selection Review & Approval by MSRC-TAC	November 5, 2020		
Contractor Selection Review & Approval by MSRC	November 19, 2020		
South Coast AQMD Governing Board Approval	December 4, 2020		
Contract Execution/Authority to Proceed	January 15, 2021		

^{*}Tentative

I.D. Optional Bidders' Conference

An optional Bidders' Conference for the MSRC Website Hosting and Maintenance RFP will be held on Wednesday, September 23, 2020. This will be the best opportunity to discuss and clarify any questions Bidders may have regarding the RFP directly with MSRC staff. The purpose of the conference is to provide new or updated solicitation information, provide clarification regarding this RFP, and answer

general questions regarding proposal preparation. The location and time for the Bidders' Conference is as follows:

Time: 1:30 p.m. – 2:30 p.m.

Zoom Webinar ID: 975 1035 2885 (applies to all)

Teleconference Dial In: +1 669 900 6833

In addition, MSRC staff members are available to answer questions and provide guidance as appropriate during the proposal preparation period. Please refer to Section I.E. of this document for a list of MSRC Staff contacts.

I.E. If You Need Help

This RFP can be obtained by accessing the MSRC website 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 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

For Contractual Assistance, please contact:

Dean Hughbanks

South Coast AQMD Procurement Manager

Phone: 909-396-2808

E-mail: dhughbanks@agmd.gov

I.F. Addenda

The MSRC may issue supplementary information or guidelines relative to this RFP during the proposal preparation period of September 4 to October 9, 2020.

Please note that the source of MSRC **Clean Transportation Funding™** 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 II: Statement of Work

II.A. Contractor Minimum Qualifications

Bidders responding to this solicitation must show evidence of at least four (4) years related experience, including serving as prime contractor for the ongoing hosting and maintenance of a minimum of ten (10) websites, at least two (2) of which are for public agencies. Bidder must have demonstrated expertise in art direction, writing, programming, systems administration, database design, and multimedia programming. Contractor must be willing to work closely with MSRC-TAC members and MSRC/South Coast AQMD staff on a continuing basis throughout the course of the contract term (see II.B. below regarding term).

All proposals must contain the following information:

- 1. A thorough description of how the Bidder satisfies the requirements listed under Section II.A, Designer/Contractor Minimum Qualifications;
- 2. A description demonstrating how the Bidder will fulfill items listed under Sections II.B, Performance Requirements and II.C., Description of MSRC Website Requirements and Content;
- 3. Key personnel and reporting structure, including resumes or background descriptions of all key personnel to be assigned to this project;
- 4. Information on work similar to the MSRC Website Hosting and Maintenance project completed by Bidder over the past four (4) years. A minimum of three (3) complete references must be submitted, including domain names for websites hosted and maintained by the Bidder;
- 5. A list of work to be subcontracted by the Bidder to fulfill the items listed under Section II, Statement of Work. Information on subcontractor qualifications must also be included in the proposal submission, including resumes of individuals supporting the work effort in a subcontractor capacity;
- 6. A summary of the approach the Bidder will use to work with MSRC-TAC members and MSRC/South Coast AQMD staff to ensure project communications will be conducted efficiently and that project milestones will be met.

II.B. Performance Requirements

- 1. Period of Performance The period of performance will commence on the date the contract is signed by all parties and extend for two (2) full years. The contract may be extended, or successor contract let, for an additional two-year option, upon agreement by both parties.
- 2. Delivery Deadlines Deadlines shall be negotiated with the successful bidder prior to contract execution.

II.C. Description of MSRC Website Requirements & Content

The following Sections describe the minimum requirements to be implemented within the Statement of Work covered by this RFP.

1. Website Hosting and Maintenance

The Bidder shall describe their ability to host the website and their customer support services in detail. It is important for MSRC staff to be able to update most website content without contacting the contractor; explain how your proposal will satisfy this requirement. Bidder is expected to provide website hosting with bandwidth as needed, security, backups, and adequate storage. Maintenance shall include 24/7 monitoring for rapid response in the event of a system or hardware failure, all security updates applied as they become available, and corrections applied to maintain proper functionality of existing features. It is anticipated that hosting and minor maintenance, backup, and recovery, would be covered under a set monthly fee.

The Bidder shall also describe their plan for managing the transition of website domain, website content/data and any anticipated downtime for this process.

The MSRC is requiring Bidders to specify the hosting approach, and to include any necessary hardware as part of their proposals. Any software licensing costs, domain registrations, browser upgrades, and their renewals where applicable, must also be included for the term of the maintenance period. Hardware, including any hardware provided out of the selected Bidder's existing inventory, will become property of the MSRC.

2. Web Content Accessibility Guidelines Analysis

The Bidder shall be required to conduct an analysis of the website's compliance with the Web Content Accessibility Guidelines 2.1, and provide a report as to what actions, if any, would be needed to achieve Level AA compliance with these Guidelines.

3. Website Modifications

On an as-needed basis, the Contractor may be asked to make modifications to the existing website. Hourly rates for on-call services shall be clearly detailed and any terms and conditions that may apply should be fully disclosed.

4. Technical Environment

Please refer to Attachment A for a description of the current website configuration. It is the MSRC's requirement that the existing website remain fully operational during transition.

5. Software Ownership Rights/Confidentiality

The Bidder shall be required to agree and shall provide a written statement specifying that all rights, title and interest in work product developed under this project, including but not limited to website software, source code, documentation, reports, files, and all derivative works thereof, shall remain with MSRC/South Coast AQMD. This shall include work product developed by Bidder/Contractor and its employees, subcontractors and agents. The Bidder shall be required to agree that any and all work product shall be deemed to be works made for hire within the meaning of the copyright laws of the U.S. and that MSRC/South Coast AQMD shall own all rights, including, but not limited to, all copyright rights, in and to such Work Product. Bidder shall be required to warrant that any Work Product produced will be original work and will not infringe upon or violate any rights, including any patent, copyright, trademark or trade secret of any person or entity. Furthermore, all software source codes, graphic elements, and any other intellectual property associated with the website shall be provided to

the MSRC within one month of activation (after it is live and accepted by the MSRC), and any updates or changes will be provided to the MSRC at the end of the contract term.

The Bidder shall also acknowledge that all information and graphic materials provided to the Bidder by MSRC/South Coast AQMD for use in development and incorporation into the Project is confidential. The Bidder shall agree not to use any MSRC information or graphic materials for the Bidder's own benefit, or divulge, disclose, or communicate in any manner said items to any third party without the prior written consent of the MSRC.

SECTION III: Proposal Preparation & Submission

A proposal must be completed and electronically submitted in response to this RFP. Only proposals that follow the instructions within this RFP will be reviewed and evaluated. The following instructions are intended to assist the Bidder in preparing a proposal for consideration under this RFP.

In general the Proposal should be concise, well organized and demonstrate the Bidder's qualifications and experience applicable to the Project

Proposals are to reflect and/or include the following elements, in the following order:

III.A. Proposal Preparation Instructions

- 1. Cover Letter Transmittal of the proposal must specify the subject of the proposal, the RFP number, and Bidder's name, address, e-mail address, and telephone number. The letter shall specify contact person(s) for technical and contractual matters, and be signed by the person(s) authorized to contractually bind the bidding entity. For joint venture proposals, the Bidder must include a statement confirming authorization to act on behalf of all co-bidders. The Bidder must include a letter of confirmation from all proposing entities of a joint proposal including project contact name and all other information as required of the Bidder.
- 2. Project Description and Statement of Work This section comprises the body of the proposal. The Bidder should describe their project concept in detail, addressing all project requirements as specified in RFP Sections II.A., II.B., and II.C., above. Bidders should place special emphasis on the following key proposal elements:
 - a) Website Hosting and Maintenance Describe in detail the proposed methodology for website administration, including program documentation and reporting, and website maintenance;
 - b) Bidder Qualifications The Bidder shall fully describe their firm's qualifications and experience in performing the type of work as described in Section II.A. of this RFP. If subcontractors are being used or the proposal is being submitted by a team of firms, a full description of each participating firm should be included. All key personnel are to be identified and resumes provided as part of any proposal submitted;
 - c) Related Work The Bidder shall list at least three (3) successfully completed projects of a similar nature to that described in this RFP for the design and activation of a website. Submit only those projects in which the Bidder served as the lead Contractor. Provide a brief description of the work performed, note what elements of the desired MSRC site are exemplified therein, and include the organization's name, project contact name, telephone numbers, value of the contract, and website address. The website references will be assessed as part of the evaluation process.

- 3. Schedule This section shall identify anticipated dates of completion of all tasks specified in the Project Description and Statement of Work.
- 4. Project Organization This section shall describe the organization proposed to implement the project. This shall include assigned personnel, all subcontractors and their related tasks and responsibilities, clearly detailed.
- 5. Conflict of Interest Address any 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.
- 6. Cost Proposal shall be broken down into two components:
 - a) Line Item Budget The Line Item Budget shall detail the following cost components for initial two-year contract term for the Bidder and any subcontractors for the Project:
 - Labor Identify each professional category of direct project support, the number of hours for each, and the fully burdened rate per hour. The rates quoted must include labor, general, administrative, and overhead costs;
 - ii. Equipment and Supplies Provide an itemized list of equipment to be used and/or purchased, including the manufacturer, number of each, and the unit cost. Please note that all equipment purchased in fulfillment of this contact will remain the property of the MSRC;
 - iii. Subcontractor Costs Identify any subcontractors by name, the basis for the subcontractor's selection, and describe in detail the work the subcontractors will be hired to perform, list their cost per hour or per day, and the number of hours or days their services will be used and the related tasks;
 - iv. Miscellaneous Costs if any.
 - b) Maintenance Costs proposal for continuing the MSRC Website hosting and maintenance for an additional two-year option period. The cost breakdown for the priced option should include all costs included with website hosting and maintenance, on a line item basis as defined above.

Consider the following when preparing the cost schedules:

- Charges for supplies, equipment, and subcontractors will be paid at cost. No profit will be paid on these costs;
- The Bidder must warrant that the cost proposal will remain in effect for at least 90 days and state such in this section;
- Costs are reimbursed on an as-incurred basis only; describe billing procedures for the project and how costs will be documented for invoicing the MSRC for reimbursement of expenditures;
- The Bidder is required to certify as part of their proposal submission that the prime contractor and subcontractor rates contained in the proposal are no higher than the rates offered to the prime or subcontractor's most-favored customer;
- Identify all subcontractors by name, and include their hourly or daily rate of compensation and the number of hours or days their services will be utilized. If subcontractors are not yet

identified, provide an estimate of their rates of compensation and number of hours or days the subcontractors' services will be utilized.

- 7. Certifications All applicants must complete and submit the following forms, located in Attachment B, as elements of their Application:
 - a) W-9 Form and Form 590
 - b) Campaign Contribution Disclosure Form
 - c) Business Status Certifications Form

III.B Proposal Submittal Instructions

- Format The sections described above, including 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. No videos will be accepted with proposals. However, images from relevant websites may be included.
- 2. Due Date The latest date and time to submit a proposal is October 9, 2020 at 5:00 p.m.! Prospective bidders are encouraged to begin the process early in case of any difficulties encountered during the registration or submission process.

PLEASE NOTE THAT ANY PROPOSAL TIME STAMPED 5:01 P.M. OR LATER ON OCTOBER 9, 2020 WILL NOT BE REVIEWED AND WILL NOT BE AWARDED FUNDING. No exceptions will be granted regardless of reason or circumstances.

- 3. Additional Grounds for Rejection A proposal may be immediately rejected if:
 - It is not prepared in the format described contained within this RFP; or
 - It is not signed by an individual authorized to represent the proposing entity.
- 4. Disposition of Proposals The MSRC reserves the right to reject any or all proposals. All responses become the property of MSRC. One copy of the proposal shall be retained for South Coast AQMD files.
- 5. Modification or Withdrawal Once submitted, proposals cannot be altered without the prior written consent of MSRC. 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 IV. Proposal Evaluation Process

The MSRC-TAC and MSRC Staff will evaluate all proposals to determine responsiveness to the RFP. South Coast AQMD staff may provide administrative and technical assistance during the proposal evaluation process.

Proposals will be evaluated and points awarded based upon the criteria outlined below. The evaluation criteria are included to provide the Bidder additional guidance as to the particular components of the proposal that will be evaluated.

The MSRC reserves the right to approve only a portion of the Bidder's Statement of Work and funding request. In this case, the Bidder will be required to submit a revised work statement, schedule of deliverables, and cost breakdown within forty-five (45) calendar days of notification of selection.

Each Bidder should review the attached Sample Contract (Attachment C). Any exceptions to the sample contract terms and conditions should be identified in the Bidder's initial proposal.

The most qualified Bidders will be short-listed and may be interviewed by an MSRC-TAC Evaluation Subcommittee on or about October 28, 2020. Please keep this date available for possible interviews. Interviews may be at the South Coast AQMD Headquarters in Diamond Bar, California or via videoconference at the discretion of the Evaluation Subcommittee. (Please see Section I.C, Table 1- Key Procurement Events and Dates). The proposals and interviews will be evaluated based on the selection criteria below.

The MSRC reserves the right to not make any award. The project will be effectuated through a contract with South Coast AQMD, which must also approve the award.

IV.A Proposal Evaluation & Contractor Selection Criteria

Proposals will be evaluated based on the proposals demonstrating an understanding of the RFP objectives and work involved, and on the demonstrated capability of the Bidder to accomplish the work. The following evaluation criteria form the basis upon which proposal scoring and selection will be conducted. The maximum score available is 110 points.

1. Proposal Completeness

Maximum Points Available: 10 points

Proposals will be evaluated on their completeness, accuracy and responsiveness to the RFP and all of its requirements.

2. Qualifications, Staffing and References

Maximum Points Available: 30 points

Bidders must have extensive and successful experience in the hosting and maintenance of websites of similar scope within this RFP. The Bidder shall detail previous work experience. In addition, each Bidder shall provide a minimum of three (3) references and current website addresses from the last four (4) years to demonstrate the skills necessary to complete projects similar in scope to the current proposed project.

3. Statement of Work

Maximum Points Available 35 Points

As discussed in the RFP Section II, Subsection II.C., Bidders are required to submit a discussion of the hosting and maintenance approach. Bidders shall clearly and professionally describe their understanding of the Project. Responses must thoroughly address all areas. The technical merits of the Bidder will be evaluated, based upon the level of completeness and specificity of the proposed concepts.

4. Cost Proposal

Maximum Points Available 25 Points

Bidders are required to submit a detailed cost breakdown for the proposed project. Following a comprehensive review of the cost proposal, the Evaluation Subcommittee will assign a score based upon the competitiveness, completeness, documentation quality, accuracy, and substantiation of the information provided. Costs will be assessed to determine if they are reasonable and appropriately allocated among tasks. Consideration will also be given to the number of hours assigned to Bidder's staff in relationship to tasks to be performed, hourly rates, and whether the costs are realistic in relationship to projects of similar size.

5. DVBE/Local Business/Small Business Status

Maximum Points Available: 10 points

It is the policy of the MSRC to encourage participation by disabled veteran business entities, local businesses and small business and in the bidding process. The MSRC shall provide five (5) points each for Proposers who meet the following criteria, with the maximum points available not to exceed ten (10) points. Points will only be awarded should the Proposer, upon submission of its proposal, provide documents from a state or local agency certifying that it qualifies in the categories described below:

#1 "Disabled Veteran" as used herein is a United States military, a naval, or air service veteran with at least 10 percent service-connected disability. "Disabled Veteran Business Enterprise" as used herein means a sole proprietorship or partnership or corporation which is at least 51 percent owned by one or more disabled veterans and whose management and control of the daily business operations are by one or more disabled veterans.

#2 "Local Business" as used herein means a Proposer which can demonstrate that it has an on-going business within the South Coast AQMD at the time of the bid application and performs 90% of the work related to the contract within the South Coast AQMD.

#3 "Small Business" as used herein means a business that is:

- 1) Independently owned and operated business, and
- 2) Not dominant in its field or operation and
- 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 or less over the previous three years, or a manufacturer with 100 or fewer employees.

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Attachment A: Information on Existing MSRC Website

- Hardware
 - o 1.8GB RAM
 - o 12.9 GB of 30GB Disk space
 - Website currently at 5.2GB (including documents and images)
 - o 3 mirrors nationwide
 - o Backup daily
 - Monitoring system
- Operating System: CentOS 7
- Apache 2.0
- PHP 7.0+ Compatible
 - o CMS
 - Drupal 8.x
 - HTML 5
 - CSS 3.0
 - Javascript ECMA 5+
- Database
 - o MYSQL
 - 1 GB ram
 - 5 GB storage

Attachment B: Certifications

Form (Rev. October 2018) Department of the Treasury

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,

PERMIT	Nevende Service Od to www.irs.gov/Po/mws for inst	ructions and the late	stinion	nation.					
	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								
Print or type. Specific Instructions on page 3.	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. □ Individual/sole proprietor or □ C Corporation □ S Corporation □ Partnership □ Trust/estate				4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):				
3 %	cinals member I I C				Exemp	t payee c	s ti) ebo	ıny)	
\$ ±	☐ Limited flability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶								
Print or type.	Note: Check the appropriate box in the fine above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.			node 5	ition from	FATCA	repor	ting	
<u> </u>	☐ Other (see instructions) ►				(Applies to accounts maintained outside the U.S.)				
တ္တ	5 Address (number, street, and apt. or suite no.) See instructions.		Request	ter's name	and addr	ess (opti	onal)		
See		_]						
	6 City, state, and ZIP code								
ĺ	7 List account number(s) here (optional)								•
Part	Taxpayer Identification Number (TIN)								
	our TIN in the appropriate box. The TIN provided must match the nam	e given on line 1 to av	roid	Social se	curity nu	ımber			
backur	withholding. For individuals, this is generally your social security num	ber (SSN), However, for	ora		7 [\top		\Box	$\neg \neg$
entities	it alien, sole proprietor, or disregarded entity, see the instructions for F , it is your employer identification number (EIN). If you do not have a n	art I, later. For other umber, see <i>How to ge</i>	eta :		╛┖			Ш	
TIN, la		,		or					_
	f the account is in more than one name, see the instructions for line 1. To Give the Requester for guidelines on whose number to enter.	Also see What Name	and	Employe	r identific	ation no	mber		
MUNIO	TO Give the nequester for guidelines of whose funities to effect.				-			Ш	1
Part	Certification						_!_	щ	
	penalties of perjury, I certify that:								
1.The	number shown on this form is my correct taxpayer identification numb	er (or I am waiting for	a numbe	er to be is	sued to	me); an	d		
Sen	not subject to backup withholding because: (a) I am exempt from bac rice (IRS) that I am subject to backup withholding as a result of a failure anger subject to backup withholding; and	kup withholding, or (b) to report all interest of) I have r or divide	not been i nds, or (c	notified I the IRS	by the fr has no	nternal itified n	Rever	nue at I am
3. l 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 exemp	t from FATCA reportin	ng is com	rect.					
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. porson ►		Date ►						
Ger	General Instructions • Form 1099-DIV (dividends, including those from stocks or mutual funds)								
Section references are to the Internal Revenue Code unless otherwise noted.		Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)							
Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted		 Form 1099-B (stock or mutual fund sales and certain other transactions by brokers) 							
after they were published, go to www.lrs.gov/FormW9.		 Form 1099-S (proceeds from real estate transactions) 							
· and a second control of the second control			erchant card and third party network transactions)						
	vidual or entity (Form W-9 requester) who is required to file an ation return with the IRS must obtain your correct taxpayer	 Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition) 							

Form W-9 (Rev. 10-2018)

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)

later.

• 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,

Form W-9 (Rev. 12-2014)

Note. If you are a U.S. person and a requester gives you a form other than Form W-9 to requestry 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 Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

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

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

- 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.
- 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 28% 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 Part II instructions on page 3 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 on page 3 and the separate instructions for the Requester of Form W-9 for more information.

Also see Special rules for partnerships above.

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 on page 3 and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

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

Penalties

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

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

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

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

Specific Instructions

Line 1

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

If this Form W-9 is for a joint account, list first, and then circle, the name of the person or entity whose number you entered in Part I of 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.

Form W-9 (Rev. 12-2014) Page **3**

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

Limited Liability Company (LLC). If the name on line 1 is an LLC treated as a partnership for U.S. federal tax purposes, check the "Limited Liability Company" box and enter "P" in the space provided. If the LLC has filed Form 8832 or 2553 to be taxed as a corporation, check the "Limited Liability Company" box and in the space provided enter "C" for C corporation or "S" for S corporation. If it is a single-member LLC that is a disregarded entity, do not check the "Limited Liability Company" box; instead check the first box in line 3 "Individual/sole proprietor or single-member LLC."

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space in 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
- $7-\!\mathrm{A}$ 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.

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

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

- A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)
- B-The United States or any of its agencies or instrumentalities
- C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- D-A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)
- E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)
- F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state
 - G—A real estate investment trust
- H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940
 - I-A common trust fund as defined in section 584(a)
 - J-A bank as defined in section 581
 - K-A broker
- L-A trust exempt from tax under section 664 or described in section 4947(a)(1)
- M-A tax exempt trust under a section 403(b) plan or section 457(g) plan

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

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns.

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. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see Limited Liability Company (LLC) on this page), 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 the chart on page 4 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. You can get Forms W-7 and SS-4 from the IRS by visiting IRS.gov or by calling 1-800-TAX-FORM (1-800-829-3676).

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. Form W-9 (Rev. 12-2014) Page **4**

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 items 1, 4, or 5 below indicate 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.

- 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), 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:
Individual Two or more individuals (joint account)	The individual The actual owner of the account or, if combined funds, the first individual on the account'
Custodian account of a minor (Uniform Gift to Minors Act)	The minor
 a. The usual revocable savings trust (grantor is also trustee) 	The grantor-trustee
 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
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
8. A valid trust, estate, or pension trust	Legal entity
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
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. 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

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.

- ³You 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.
- 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 on page 2.

*Note. 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 Publication 4535, Identity Theft Prevention and Victim

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

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

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

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

Visit IRS.gov 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 pald; 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.

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

T/	TAXABLEYEAR		CALIFORNIA FORM		
	2019 Withholding Exemption Certificate	_	590		
The	ne payee completes this form and submits it to the withholding agent. The withholding ager	nt keeps t	this form with their records.		
	ithholding Agent Information				
Nam	me				
Pay	yee Information				
Nam	me	SSN or IT	TIN - PEIN - CA Corp no CA SOS No no		
Add	dress (apt./sta., room, PO box, or PMB no.)				
City	by (If you have a foreign address, see instructions.)		State ZIP code		
Fye	emption Reason	1 1	<u> </u>		
	heck only one box.				
Ву	y checking the appropriate box below, the payee certifies the reason for the exemption from t quirements on payment(s) made to the entity or individual.	he Califor	rnia 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 notity the withholding agent. See instructions for General Information D, Definitions.	onresider	nt at 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 f corporation ceases to have a permanent place of business in California or ceases to the withholding agent. See instructions for General Information D, Definitions.	flie a Callf	fornia tax return. If this		
	Partnerships or Limited Liability Companies (LLCs): The partnership or LLC has a permanent place of business in California at the address shown above or is registered with the California SOS, and is subject to the laws of California. The partnership or LLC will file a California tax return. If the partnership or LLC ceases to do any of the above, I will promptly inform the withholding agent. For withholding purposes, a limited liability partnership (LLP) is treated like any other partnership.				
	Tax-Exempt Entitles: 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.				
	Insurance Companies, individual Retirement Arrangements (IRAs), or Qualified Pen The entity is an insurance company, IRA, or a federally qualified pension or profit-sha				
	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 r 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.	california r	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 Spouse requirements. See instructions for General Information E, MSRRA.	e Residen	ncy Relief Act (MSRRA)		
CE	ERTIFICATE OF PAYEE: Payee must complete and sign below.				
	learn about your privacy rights, how we may use your information, and the consequences to to ftb.ca.gov/forms and search for 1131. To request this notice by mail, call 800.852.5711.		viding the requested information		
stat	nder penalties of perjury, I declare that I have examined the information on this form, includin atements, and to the best of my knowledge and belief, it is true, correct, and complete. I furth the facts upon which this form are based change, I will promptly notify the withholding agent.	ner declar			
Тур	pe or print payee's name and title	1	Telephone ()		
Pay	syee's signature ▶		Date		
	7061193		Form 590 2018		

2017 Instructions for Form 590

Withholding Exemption Certificate

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

General Information

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

A Purpose

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

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

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

Do not use Form 590 to certify an exemption from withholding if you are a Seller of California real estate. Sellers of California real estate use Form 593-C, Real Estate Withholding Certificate, 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

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.

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 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 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, and provide it upon request to the FTB.

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, get FTB Pub. 1032, Tax Information for Military Personnel.

Permanent Place of Business:

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

E Military Spouse Residency Relief Act (MSRRA)

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

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

Domicile is defined as the one place:

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

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

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

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

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

Specific Instructions

Payee Instructions

Enter the withholding agent's name.

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

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

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

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

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

Withholding Agent Instructions

Do not send this form to the FTB. The withholding agent retains this form for a minimum of five years or until the payee's status changes, and must provide this form 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, and Form 592-V, Payment Voucher for Resident and Nonresident Withholding.

Additional Information

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

nonwage

MyFTB offers secure online tax account information and services. For more information and to register, go to fth.ca.gov and search for myftb.

Telephone: 888.792.4900 or 916.845.4900,

Withholding Services and Compliance phone service

Fax: 916.845.9512

Mail: WITHHOLDING SERVICES AND

COMPLIANCE MS F182 FRANCHISE TAX BOARD PO BOX 942867

SACRAMENTO CA 94267-0651

For questions unrelated to withholding, or to download, view, and print California tax forms and publications, or to access the TTY/TDD numbers, see the information below.

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 impairments

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 de habla

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

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

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

TELEPHONE NUMBER	DATE
NAME	TITLE
I, the undersigned, hereby declare that to the best of my know information submitted is factual.	ledge the above information is accurate. Upon penalty of perjury, I certify
State of California Public Works Contractor Re INCLUDED IF BID PROPOSAL IS FOR PUBLIC	9
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:	

Definitions

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

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

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

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

- has an ongoing business within the boundary of SCAQMD at the time of bid application.
- performs 90 percent of the work within SCAQMD'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 SCAQMD will receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services.



CAMPAIGN CONTRIBUTIONS DISCLOSURE

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

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

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

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

_	CTION I. ntractor (Legal Na	me):
	DBA, Name	_, County Filed in
	Corporation, ID No	
	LLC/LLP, ID No	
SEC	CTION II.	
cam Coa	paign contribution st Air Quality Ma	any parent, subsidiary, or affiliated company, or agent thereof, made a (s) totaling \$250 or more in the aggregate to a current member of the South nagement Governing Board or member/alternate of the MSRC in the 12 late of execution of this disclosure?
		If YES, complete Section II below and then sign and date the form. If NO, sign and date below. Include this form with your submittal.

Campaign Contributions Disclosure, continued:		
Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
I declare the foregoing disclosures to be true and	correct.	
By:	_	
Title:	_	
Date:	_	

DEFINITIONS

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

- (1) Parent subsidiary. A parent subsidiary relationship exists when one corporation directly or indirectly owns shares possessing more than 50 percent of the voting power of another corporation.
- (2) Otherwise related business entity. Business entities, including corporations, partnerships, joint ventures and any other organizations and enterprises operated for profit, which do not have a parent subsidiary relationship are otherwise related if any one of the following three tests is met:
 - (A) One business entity has a controlling ownership interest in the other business entity.
 - (B) There is shared management and control between the entities. In determining whether there is shared management and control, consideration should be given to the following factors:
 - (i) The same person or substantially the same person owns and manages the two entities;
 - (ii) There are common or commingled funds or assets;
 - (iii) The business entities share the use of the same offices or employees, or otherwise share activities, resources or personnel on a regular basis;
 - (iv) There is otherwise a regular and close working relationship between the entities; or
 - (C) A controlling owner (50% or greater interest as a shareholder or as a general partner) in one entity also is a controlling owner in the other entity.

Attachment C: Sample Contract



AB 2766/MSRC WORK PROGRAM CONTRACT

PARTIES - The parties to this Contract are the South Coast Air Quality Management District (hereinafter referred to as "SCAQMD") whose address is 21865 Copley Drive, Diamond Bar, California 91765-4178, and the *** (hereinafter referred to as "CONTRACTOR") whose address is ***.

2. RECITALS

- A. SCAQMD is the local agency with primary responsibility for regulating stationary source air pollution within the geographical boundaries of the South Coast Air Quality Management District in the State of California (State). SCAQMD is authorized under State Health & Safety Code Section 44225 (AB 2766) to levy a fee on motor vehicles for the purpose of reducing air pollution from such vehicles and to implement the California Clean Air Act.
- B. Under AB 2766, SCAQMD's Governing Board has authorized the imposition of the statutorily set motor vehicle fee. By taking such action, the State's Department of Motor Vehicles (DMV) is required to collect such fee and remit it periodically to SCAQMD.
- C. AB 2766 further mandates that thirty (30) percent of such vehicle registration fees be placed by SCAQMD into a separate account for the sole purpose of implementing and monitoring programs to reduce air pollution from motor vehicles.
- D. AB 2766 creates a regional Mobile Source Air Pollution Reduction Review Committee (MSRC) to develop a work program to fund projects from the separate account. Pursuant to approval of the work program by SCAQMD's Governing Board, SCAQMD authorized this Contract with CONTRACTOR for equipment or services described in Attachment 1 - Statement of Work, expressly incorporated herein by this reference and made a part hereof of this Contract.
- E. CONTRACTOR has met the requirements for receipt of AB 2766 Discretionary Funds as set forth in CONTRACTOR's *** Program Application/Proposal dated ***.
- F. CONTRACTOR is authorized to do business in the State of California and attests that it is in good tax standing with the California Franchise Tax Board.
- G. All parties to this Contract have had the opportunity to have this Contract reviewed by their attorney.
- <u>DMV FEES</u> CONTRACTOR acknowledges that SCAQMD cannot guarantee that the amount of fees
 to be collected under AB 2766 will be sufficient to fund this Contract. CONTRACTOR further
 acknowledges that payment under this Contract is contingent upon SCAQMD receiving sufficient funds
 from the DMV, and that SCAQMD assumes no responsibility for the collection and remittance of motor
 vehicle registration fees.

4. AUDIT AND RECORDS RETENTION

5. CONTRACTOR shall, at least once every two years, or within two years of the termination of the Contract if the term is less than two years, be subject to an audit by SCAQMD or its authorized

- representative to determine if the revenues received by CONTRACTOR were spent for the reduction of pollution from motor vehicles pursuant to the Clean Air Act of 1988.
- 6. CONTRACTOR agrees to maintain records related to this Contract during the Contract term and continue to retain these records for a period of two years beyond the Contract term, except that in no case shall CONTRACTOR be required to retain more than the most recent five years' records. SCAQMD shall coordinate such audit through CONTRACTOR'S audit staff.
- 7. If an amount is found to be inappropriately expended, SCAQMD may withhold funding, or seek reimbursement, from CONTRACTOR in the amount equal to the amount that was inappropriately expended. Such withholding shall not be construed as SCAQMD's sole remedy and shall not relieve CONTRACTOR of its obligation to perform under the terms of this Contract.
- 8. <u>TERM</u> The term of this Contract is for *** (**) months from the date of execution by both parties, unless terminated earlier as provided for in the TERMINATION clause of this Contract, the EARLY TERMINATION clause, [OPTIONAL] or the term is extended by amendment of this Contract in writing. No work shall commence prior to the Contract start date, except at CONTRACTOR's cost and risk, and no charges are authorized until this Contract is fully executed, subject to the provisions stated in the PRE-CONTRACT COSTS clause of this Contract.
- SUCCESSORS-IN-INTEREST This Contract, and the obligations arising under the Contract, shall be binding on and inure to the benefit of CONTRACTOR and their executors, administrators, successors, and assigns.
- 10. <u>REPORTING</u> CONTRACTOR shall submit reports to SCAQMD as outlined in Attachment 1 Statement of Work. SCAQMD reserves the right to review, comment, and request changes to any report produced as a result of this Contract.

11. TERMINATION

- A. In the event any party fails to comply with any term or condition of this Contract, or fails to provide services in the manner agreed upon by the parties, including, but not limited to, the requirements of Attachment 1 Statement of Work, this failure shall constitute a breach of this Contract. The non-breaching party shall notify the breaching party that it must cure this breach or provide written notification of its intention to terminate this contract. Notification shall be provided in the manner set forth in the NOTICES clause of this Contract. The non-breaching party reserves all rights under law and equity to enforce this Contract and recover damages.
- B. SCAQMD reserves the right to terminate this Contract, in whole or in part, without cause, upon thirty (30) days' written notice. Once such notice has been given, CONTRACTOR shall, except as and to the extent or directed otherwise by SCAQMD, discontinue any Work being performed under this Contract and cancel any of CONTRACTOR's orders for materials, facilities, and supplies in connection with such Work, and shall use its best efforts to procure termination of existing subcontracts upon terms satisfactory to SCAQMD. Thereafter, CONTRACTOR shall perform only such services as may be necessary to preserve and protect any Work already in progress and to dispose of any property as requested by SCAQMD.
- B. Either party may terminate this Contract upon thirty (30) days written notice to the other party.
- C. CONTRACTOR shall be paid in accordance with this Contract for all Work performed before the effective date of termination under section B of the TERMINATION clause of this Contract. Before expiration of the thirty (30) days' written notice, CONTRACTOR shall promptly deliver to SCAQMD all copies of documents and other information and data prepared or developed by CONTRACTOR

under this Contract with the exception of a record copy of such materials, which may be retained by CONTRACTOR.

- 12. <u>EARLY TERMINATION</u> This Contract may be terminated early due to the following circumstances: The infrastructure identified in Attachment 1, Statement of Work, becomes inoperable, and is either not technically able to be repaired, or is too costly to repair, and such failure is not caused by CONTRACTOR's negligence, misuse, or malfeasance. **OPTIONAL**
- 13. STOP WORK SCAQMD may, at any time, by written notice to CONTRACTOR, require CONTRACTOR to stop all or any part of the Statement of Work tasks in this Contract. A stop work order may be issued for reasons including, but not limited to, the project exceeding the budget, out of scope work, delay in project schedule, or misrepresentations. Upon receipt of the stop work order, CONTRACTOR shall immediately take all necessary steps to comply with the order. CONTRACTOR shall resume the work only upon receipt of written instructions from SCAQMD cancelling the stop work order. CONTRACTOR agrees and understands that CONTRACTOR will not be paid for performing work while the stop work order is in effect, unless SCAQMD agrees to do so in its written cancellation of the stop work order.

14. INSURANCE

- A. CONTRACTOR shall furnish evidence to SCAQMD of workers' compensation insurance for each of its employees, in accordance with either California or other states' applicable statutory requirements prior to commencement of any work on this Contract.
- B. CONTRACTOR shall furnish evidence to SCAQMD of general liability insurance with a limit of at least \$1,000,000 per occurrence, and \$2,000,000 in a general aggregate prior to commencement of any work on this Contract. SCAQMD shall be named as an additional insured on any such liability policy, and thirty (30) days written notice prior to cancellation of any such insurance shall be given by CONTRACTOR to SCAQMD.
- C. CONTRACTOR shall furnish evidence to SCAQMD of automobile liability insurance with limits of at least \$100,000 per person and \$300,000 per accident for bodily injuries, and \$50,000 in property damage, or \$1,000,000 combined single limit for bodily injury or property damage, prior to commencement of any work on this Contract. SCAQMD shall be named as an additional insured on any such liability policy, and thirty (30) days written notice prior to cancellation of any such insurance shall be given by CONTRACTOR to SCAQMD.
- D. CONTRACTOR shall furnish evidence to SCAQMD of Professional Liability Insurance with an aggregate limit of not less than \$5,000,000. OPTIONAL
- E. If CONTRACTOR fails to maintain the required insurance coverage set forth above, SCAQMD reserves the right either to purchase such additional insurance and to deduct the cost thereof from any payments owed to CONTRACTOR or terminate this Contract for breach.
- F. All insurance certificates shall be mailed to: SCAQMD, 21865 Copley Drive, Diamond Bar, CA 91765-4178, Attention: Cynthia Ravenstein, MSRC Contracts Administrator. The SCAQMD Contract Number must be included on the face of the certificate.
- G. CONTRACTOR must provide updates on the insurance coverage throughout the term of the Contract to ensure that there is no break in coverage during the period of contract performance. Failure to provide evidence of current coverage shall be grounds for termination for breach of Contract.

[USE ABOVE CLAUSE OR SELF INSURANCE CLAUSE BELOW]

Self Insurance Clause:

<u>INSURANCE</u> - CONTRACTOR represents that it is permissibly self-insured and will maintain such self-insurance in accordance with applicable provisions of California law throughout the term of this Contract. CONTRACTOR shall provide evidence of sufficient coverage during the term of this Contract and any extensions thereof that meet or exceed the minimum requirements set forth by the SCAQMD below. The certificate of self-insurance shall be mailed to: SCAQMD, 21865 Copley Drive, Diamond Bar, CA 91765-4178, Attention: Cynthia Ravenstein, MSRC Contracts Administrator. The SCAQMD Contract Number must be included on the face of the certificate. If CONTRACTOR fails to maintain the required insurance coverage, SCAQMD reserves the right to terminate the Contract or purchase such additional insurance and bill CONTRACTOR or deduct the cost thereof from any payments owed to CONTRACTOR. Minimum insurance coverages are as follows:

- A. Worker's compensation insurance in accordance with either California or other state's applicable statutory requirements.
- B. General Liability insurance with a limit of at least \$1,000,000 per occurrence, and \$2,000,000 in general aggregate.
- C. Automobile Liability insurance with limits of at least \$100,000 per person and \$300,000 per accident for bodily injuries and \$50,000 in property damage, or \$1,000,000 combined single limit for bodily injury or property damage.
- 15. INDEMNIFICATION CONTRACTOR agrees to hold harmless, defend and indemnify SCAQMD, its officers, employees, agents, representatives, and successors-in-interest against any and all loss, damage, costs, lawsuits, claims, demands, causes of action, judgments, attorney's fees, or any other expenses arising from or related to any third party claim against SCAQMD, its officers, employees, agents, representatives, or successors in interest that arise or result in whole or in part, from any actual or alleged act or omission of CONTRACTOR, its employees, subcontractors, agents or representatives in the performance of this Contract. This Indemnification Clause shall survive the expiration or termination (for any reason) of the Contract and shall remain in full force and effect.
- 16. <u>DISCLAIMER OF WARRANTY</u> The purchase or lease of funded vehicles/equipment is the CONTRACTOR's decision. The SCAQMD does not make any express or implied warranty of merchantability, fitness for a particular purpose or otherwise, quality or usefulness of the technology or product. Without limiting the foregoing, the SCAQMD will not be financially responsible, or otherwise liable, for the installation or performance of the vehicle/equipment. [OPTIONAL]

17. PAYMENT

- A. SCAQMD shall reimburse CONTRACTOR up to a total amount of *** Dollars (\$***) in accordance with Attachment 2 Payment/Cost Schedule expressly incorporated herein by this reference and made a part hereof of the Contract.
- B. A withhold amount or percentage (if any) shall be identified in the Payment/Cost Schedule, and such amount shall be withheld from each invoice. Upon satisfactory completion of project and final acceptance of work and the final report, CONTRACTOR's invoice for the withheld amount shall be released. Proof of project completion shall include a Final Report detailing the project goals and

- accomplishments, data collected during project performance, if any, documentation of significant results, and emissions reduction input data needed for calculation of emissions reductions.
- C. Any funds not expended upon early Contract termination or Contract completion shall revert to the AB 2766 Discretionary Fund. Payment of charges shall be made by SCAQMD to CONTRACTOR within thirty (30) days after approval by SCAQMD of an itemized invoice prepared and furnished by CONTRACTOR.
- D. An invoice submitted to SCAQMD for payment must be prepared in duplicate, on company letterhead, and list SCAQMD's contract number, period covered by invoice, and CONTRACTOR's social security number or Employer Identification Number and submitted to:

South Coast Air Quality Management District 21865 Copley Drive Diamond Bar, CA 91765-4178 Attn: Cynthia Ravenstein, MSRC Contracts Administrator

- Charges for equipment, material, and supply costs, travel expenses, subcontractors, and other charges, as applicable, must be itemized by CONTRACTOR. Reimbursement for equipment, material, supplies, subcontractors, and other charges, as applicable, shall be made at actual cost. Supporting documentation must be provided for all individual charges (with the exception of direct labor charges provided by CONTRACTOR).
- 2. SCAQMD shall pay CONTRACTOR for travel-related expenses only if such travel is expressly set forth in Attachment 2 Payment/Cost Schedule of this Contract or pre-authorized by SCAQMD in writing.
- 3. CONTRACTOR's failure to provide receipts shall be grounds for SCAQMD's non-reimbursement of such charges. CONTRACTOR may reduce payments on invoices by those charges for which receipts were not provided.
- 4. CONTRACTOR must submit final invoice no later than ninety (90) days after the termination date of this Contract or invoice may not be paid.
- 18. <u>COMPLIANCE WITH APPLICABLE LAWS</u> CONTRACTOR agrees to comply with all federal, state, and local laws, ordinances, codes and regulations and orders of public authorities in the performance of this Contract. CONTRACTOR must also ensure that the vehicles and/or equipment to be purchased, leased or installed is in compliance with all applicable federal, state, and local air quality rules and regulations, and that it will maintain compliance for the full Contract term. CONTRACTOR shall ensure that the provisions of this clause are included in all subcontracts.

19. MOBILE SOURCE EMISSION REDUCTION CREDITS (MSERCs)

- A. The MSRC has adopted a policy that no MSERCs resulting from AB 2766 Discretionary Funds may be generated and/or sold.
- B. CONTRACTOR has the opportunity to generate MSERCs as a by-product of the project if a portion of the air quality benefits attributable to the project resulted from funding sources other than AB2766. These MSERCs, which are issued by SCAQMD, are based upon the quantified vehicle miles traveled (VMT) by project vehicles or other activity data as appropriate. Therefore, a portion of prospective MSERCs, generated as a result of AB 2766 Funds, must be retired. The portion of prospective credits funded by the AB 2766 program, and which are subject to retirement, shall be referred to as "AB 2766-MSERCs."

- C. The determination of AB 2766-MSERC's is to be prorated based upon the AB 2766 program's contribution to the cost associated with the air quality benefits. In the case where AB 2766 Discretionary Funds are used to pay for the full differential cost of a new alternative fuel vehicle or for the retrofitting or repowering of an existing vehicle, all MSERCs attributable to AB 2766 Discretionary Funds must be retired. The determination of AB 2766-MSERCs for infrastructure and other ancillary items is to be prorated based upon the AB 2766 program's contribution to the associated air quality benefits. Determination of the project's overall cost will be on a case-by-case basis at the time an MSERC application is submitted. SCAQMD staff, at the time an MSERC application is submitted, will calculate total MSERCs and retire the AB 2766-MSERCs. CONTRACTOR would then receive the balance of the MSERCs not associated with AB 2766 funding.
- 20. NOTICES All notices that are required under this Contract shall be provided in the manner set forth herein, unless specified otherwise. Notice to a party shall be delivered to the attention of the person listed below, or to such other person or persons as may hereafter be designated by that party in writing. Notice shall be in writing sent by email, U.S. Mail, express, certified, return receipt requested, or a nationally recognized overnight courier service. In the case of email communications, valid notice shall be deemed to have been delivered upon sending, provided the sender obtained an electronic confirmation of delivery. Email communications shall be deemed to have been received on the date of such transmission, provided such date was a business day (Tuesday-Friday) and delivered prior to 5:30pm Pacific Standard Time. Otherwise, receipt of email communications shall be deemed to have occurred on the following business day. In the case of U.S. Mail notice, notice shall be deemed to be received when delivered or five (5) business days after deposit in the U. S. Mail. In the case of a nationally recognized overnight courier service, notice shall be deemed received when delivered (written receipt of delivery).

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

Attn: Cynthia Ravenstein, MSRC Contracts Administrator, email:

<u>cravenstein@aqmd.gov</u>

CONTRACTOR:

Attn: ***, email: ***

21. <u>INDEPENDENT CONTRACTOR</u> - CONTRACTOR is an independent contractor. CONTRACTOR, its officers, employees, agents, representatives, or subcontractors shall in no sense be considered employees or agents of SCAQMD, nor shall CONTRACTOR, its officers, employees, agents, representatives, or subcontractors be entitled to or eligible to participate in any benefits, privileges, or plans, given or extended by SCAQMD to its employees. SCAQMD will not supervise, direct, or have control over, or be responsible for, CONTRACTOR's or subcontractor's means, methods, techniques, work sequences or procedures, or for the safety precautions and programs incident thereto, or for any

failure by them to comply with any local, state, or federal laws, or rules or regulations, including state minimum wage laws and OSHA requirements.

- 22. <u>SUBCONTRACTOR APPROVAL</u> If CONTRACTOR intends to subcontract all or a portion of the work under this Contract, then CONTRACTOR must first obtain written approval from SCAQMD's Executive Officer or designee prior to subcontracting any work. Any material changes to the subcontract(s) that affect the scope of work, deliverable schedule, and/or payment/cost schedule shall also require the prior written approval of the SCAQMD Executive Officer or designee. No subcontract charges will be reimbursed unless the required approvals have been obtained from SCAQMD.
- 23. <u>OWNERSHIP</u> Title and full ownership rights to any equipment purchased under this Contract shall at all times remain with CONTRACTOR.

[USE ABOVE CLAUSE, OR USE CLAUSE BELOW FOR PROFESSIONAL SERVICES

<u>OWNERSHIP</u> - Title and full ownership rights to any products purchased or developed under this Contract shall at all time remain with CONTRACTOR. CONTRACTOR shall also retain title and full ownership rights to any documents or reports developed under this Contract. All of the above shall be subject to the following limitations:

- A. PATENT RIGHTS CONTRACTOR shall have patent rights, as well as title and full ownership rights, for invention(s) developed under this Contract, subject to SCAQMD retaining a no-cost, nonexclusive, nontransferable, irrevocable license to use or test such invention(s) for SCAQMD purposes. CONTRACTOR must obtain agreements to effectuate this clause with all persons or entities obtaining an ownership interest in the patented subject invention(s). Previously documented (whether patented or unpatented under the patent laws of the United States, 35 U.S.C. 1 et seq., or any foreign country) inventions are exempt from this provision. CONTRACTOR shall submit a written report to SCAQMD's Agent disclosing each subject invention and specifying patents applied for, patents issued, and patent application(s) abandoned and/or cosponsored participants on subject invention(s).
- B. RIGHTS OF TECHNICAL DATA SCAQMD shall have unlimited right to use technical data resulting from performance of CONTRACTOR under this Contract. CONTRACTOR shall have the right to use data for its own benefit.
- C. COPYRIGHT CONTRACTOR agrees to grant SCAQMD a royalty free, nonexclusive, irrevocable, nontransferable license to produce, translate, publish, use, and dispose of all copyrightable material first produced or composed in the performance of this Contract.
- D. SOFTWARE RIGHTS CONTRACTOR agrees to grant SCAQMD a worldwide, royalty free, nonexclusive, irrevocable, nontransferable license in perpetuity to use any software developed by CONTRACTOR in performing its obligations under this Contract. CONTRACTOR further agrees to obtain the rights required from any third party for SCAQMD to have a worldwide, royalty free, nonexclusive, irrevocable license in perpetuity to use any other software essential to performance of CONTRACTOR'S obligations under this Contract or necessary to the operation of the software developed by CONTRACTOR. CONTRACTOR shall provide SCAQMD with documentation confirming CONTRACTOR'S right to assign the use of such software. CONTRACTOR shall also provide SCAQMD with all documentation and manuals required to operate the software developed by it or third parties.
- E. CONTRACTOR'S INSOLVENCY OR BANKRUPTCY, or PROJECT'S DISCONTINUATION CONTRACTOR agrees that in the event that CONTRACTOR becomes insolvent or files for

bankruptcy during the term of the Contract or does not complete the intent of the Contract, title to goods, services software, and equipment purchased for the performance of this Contract with AB 2766 Discretionary Funds shall revert to the SCAQMD.

- 24. <u>SECURITY INTEREST</u> CONTRACTOR hereby grants SCAQMD a security interest in any and all equipment purchased, in whole or in part, with funding provided by SCAQMD pursuant to this Contract. CONTRACTOR acknowledges and agrees that SCAQMD shall have all lien rights as a secured creditor on any and all equipment purchased in whole or in part by the CONTRACTOR, under this Contract or any amendments thereto. The SCAQMD shall have lien rights in effect until the CONTRACTOR satisfies all terms under the Contract, including but not limited to, the use and reporting requirements. Accordingly, CONTRACTOR further agrees that SCAQMD is authorized to file a UCC filing statement or similar security instrument to secure its interests in the equipment that is the subject of the Contract. In the event CONTRACTOR files for bankruptcy protection, CONTRACTOR shall notify SCAQMD within 10 business days of such filing. [OPTIONAL]
- 25. NON-DISCRIMINATION In the performance of this Contract, CONTRACTOR shall not discriminate in recruiting, hiring, promotion, demotion, or termination practices on the basis of race, religious creed, color, national origin, ancestry, sex, age, or physical handicap and shall comply with the provisions of the California Fair Employment & Housing Act (Government Code Section 12900, et seq.), the Federal Civil Rights Act of 1964 (P.L. 88-352) and all amendments thereto, Executive Order No. 11246 (30 Federal Register 12319), and all administrative rules and regulations issued pursuant to said Acts and Order. CONTRACTOR shall likewise require each subcontractor to comply with this clause and shall include in each such subcontract language similar to this clause.

26. CITIZENSHIP AND ALIEN STATUS

- A. CONTRACTOR warrants that it fully complies with all laws regarding the employment of aliens and others, and that its employees performing services hereunder meet the citizenship or alien status requirements contained in federal and state statutes and regulations including, but not limited to, the Immigration Reform and Control Act of 1986 (P.L. 99-603). CONTRACTOR shall obtain from all covered employees performing services hereunder all verification and other documentation of employees' eligibility status required by federal statutes and regulations as they currently exist and as they may be hereafter amended. CONTRACTOR shall have a continuing obligation to verify and document the continuing employment authorization and authorized alien status of employees performing services under this Contract to insure continued compliance with all federal statutes and regulations. Notwithstanding the above, CONTRACTOR, in the performance of this Contract, shall not discriminate against any person in violation of 8 USC Section 1324b.
- B. CONTRACTOR shall retain such documentation for all covered employees for the period described by law. CONTRACTOR shall indemnify, defend, and hold harmless SCAQMD, its officers and employees from employer sanctions and other liability which may be assessed against CONTRACTOR or SCAQMD, or both in connection with any alleged violation of federal statutes or regulations pertaining to the eligibility for employment of persons performing services under this Contract.

27. ASSIGNMENT AND TRANSFER OF EQUIPMENT

A. The rights and responsibilities granted hereby may not be assigned, sold, licensed, or otherwise transferred by CONTRACTOR without the prior written consent of SCAQMD, and any attempt by CONTRACTOR to do so shall be void upon inception.

- B. CONTRACTOR agrees to obtain SCAQMD's written consent to any assignment, sale, license or transfer of Equipment, if any, <u>prior</u> to completing the transaction. CONTRACTOR shall inform the proposed assignee, buyer, licensee or transferee (collectively referred to here as "Buyer") of the terms of this Contract. CONTRACTOR is responsible for establishing contact between SCAQMD and the Buyer and shall assist SCAQMD in facilitating the transfer of this Contract's terms and conditions to the Buyer. CONTRACTOR will not be relieved of the legal obligation to fulfill the terms and conditions of this Contract until and unless the Buyer has assumed responsibility of this Contract's terms and conditions through an executed contract with SCAQMD. [OPTIONAL]
- 28. <u>NON-EFFECT OF WAIVER</u> The failure of CONTRACTOR or SCAQMD to insist upon the performance of any or all of the terms, covenants, or conditions of this Contract, or failure to exercise any rights or remedies hereunder, shall not be construed as a waiver or relinquishment of the future performance of any such terms, covenants, or conditions, or of the future exercise of such rights or remedies, unless otherwise provided for herein.
- 29. <u>PROPOSAL INCORPORATION</u> CONTRACTOR's Technical Proposal dated *** submitted in response to Request for Proposal (RFP) #***, is expressly incorporated herein by this reference and made a part hereof of this Contract. In the event of any conflict between the terms and conditions of this Contract and CONTRACTOR's Technical Proposal, this Contract shall govern and control. [OPTIONAL]
- 30. KEY PERSONNEL [OPTIONAL] insert person's name is deemed critical to the successful performance of this Contract. Any changes in key personnel by CONTRACTOR must be approved by SCAQMD. All substitute personnel must possess qualifications/experience equal to the original named key personnel and must be approved by SCAQMD. SCAQMD reserves the right to interview proposed substitute key personnel. [OPTIONAL]
- 31. <u>TAX IMPLICATIONS FROM RECEIPT OF MSRC FUNDS</u> CONTRACTOR is advised to consult a tax attorney regarding potential tax implications from receipt of MSRC funds.
- 32. <u>ATTORNEYS' FEES</u> In the event any action is filed in connection with the enforcement or interpretation of this Contract, each party in said action shall pay its own attorneys' fees and costs.
- 33. <u>FORCE MAJEURE</u> Neither SCAQMD nor CONTRACTOR shall be liable or deemed to be in default for any delay or failure in performance under this Contract or interruption of services resulting, directly or indirectly, from acts of God, civil or military authority, acts of public enemy, war, strikes, labor disputes, shortages of suitable parts, materials, labor or transportation, or any similar cause beyond the reasonable control of SCAQMD or CONTRACTOR.
- 34. <u>SEVERABILITY</u> In the event that any one or more of the provisions contained in this Contract shall for any reason be held to be unenforceable in any respect by a court of competent jurisdiction, such holding shall not affect any other provisions of this Contract, and the Contract shall then be construed as if such unenforceable provisions are not a part hereof.
- 35. <u>HEADINGS</u> Headings on the clauses of this Contract are for convenience and reference only, and the words contained therein shall in no way be held to explain, modify, amplify, or aid in the interpretation, construction, or meaning of the provisions of this Contract.

- 36. <u>DUPLICATE EXECUTION</u> This Contract is executed in duplicate. Each signed copy shall have the force and effect of an original.
- 37. <u>GOVERNING LAW</u> This Contract shall be construed and interpreted and the legal relations created thereby shall be determined in accordance with the laws of the State of California. Venue for resolution of any disputes under this Contract shall be Los Angeles County, California.
- 38. PRE-CONTRACT COSTS Any costs incurred by CONTRACTOR prior to CONTRACTOR receipt of a fully executed Contract shall be incurred solely at the risk of the CONTRACTOR. In the event that a formal Contract is not executed, neither the MSRC nor the SCAQMD shall be liable for any amounts expended in anticipation of a formal Contract. If a formal Contract does result, pre-contract cost expenditures authorized by the Contract will be reimbursed in accordance with the Payment/CostSchedule and payment provision of the Contract.
- 39. <u>CHANGE TERMS</u> Changes to any part of this Contract must be requested in writing by CONTRACTOR and approved by MSRC in accordance with MSRC policies and procedures. CONTRACTOR must make requests a minimum of 90 days prior to desired effective date of change. All modifications to this Contract shall be in writing and signed by the authorized representatives of the parties. Fueling station location changes shall not be approved under any circumstances.
- 40. PREVAILING WAGES CONTRACTOR is alerted to the prevailing wage requirements of California Labor Code section 1770 et seq., and the compliance monitoring and enforcement of such requirements by the Department of Industrial Relations ("DIR"). CONTRACTOR and all of CONTRACTOR's subcontractors must comply with the California Public Works Contractor Registration Program and, where applicable, must be registered with the DIR to participate in public works projects. CONTRACTOR shall be responsible for determining the applicability of the provisions of California Labor Code and complying with the same, including, without limitation, obtaining from the Director of the Department of Industrial Relations the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work, making the same available to any interested party upon request, paying any applicable prevailing rates, posting copies thereof at the job site and flowing all applicable prevailing wage rate requirements to its subcontractors. Proof of compliance with these requirements must be provided to SCAQMD upon request. CONTRACTOR shall indemnify, defend and hold harmless the South Coast Air Quality Management District against any and all claims, demands, damages, defense costs or liabilities based on failure to adhere to the above referenced statutes.

 [OPTIONAL]
- 41. <u>ENTIRE CONTRACT</u> This Contract represents the entire agreement between CONTRACTOR and SCAQMD. There are no understandings, representations, or warranties of any kind except as expressly set forth herein. No waiver, alteration, or modification of any of the provisions herein shall be binding on any party unless in writing and signed by the authorized representative of the party against whom enforcement of such waiver, alteration, or modification is sought.
- 42. <u>AUTHORITY</u> The signator hereto represents and warrants that he or she is authorized and empowered and has the legal capacity to execute this Contract and to legally bind CONTRACTOR both in an operational and financial capacity and that the requirements and obligations under this Contract are legally enforceable and binding on CONTRACTOR.

(THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK)

IN WITNESS WHEREOF, the parties to this Contract have caused this Contract to be duly executed on their behalf by their authorized representatives.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT	T ***
By:	By: Name: Title:
Date:	Date:
ATTEST: Saundra McDaniel, Clerk of the Board	
By:	
APPROVED AS TO FORM: Bayron Gilchrist, General Counsel	
By:	
//MSRC Master Boilerplate Revised January 27, 2016	



MODIFIED 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

2019 - 2021 Edition

Program Announcement

PA2019-03

Modified September 4, 2020

SECTION 1 - INTRODUCTION

The MSRC's Major Event Center Transportation Program first debuted in 2010, and over the past nine years the MSRC has co-funded numerous programs that provided convenient, low cost transportation alternatives for accessing several major sports and entertainment venues throughout the South Coast region. The purpose of this Program Announcement is to reintroduce the Program and 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.

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. The past four years reflect an unprecedented stretch of record-breaking annual automobile sales, with these new vehicles replacing older, higher emitting cars. 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 the Event Center program continues to achieve cost-effective air quality benefits, a primary focus of this funding opportunity is to align major event centers with operators of the cleanest vehicles and create a "zero or near-zero" emission transportation option for event attendees.

To facilitate implementation of new or expanded zero and/or near-zero emission transportation program service to major event centers, the Mobile Source Air Pollution Reduction Review Committee (MSRC) has allocated a total of \$6.5M in **Clean Transportation Funding™** for the period beginning April 5, 2019 and ending March 30, 2021. This funding opportunity has at its core the following goals and objectives:

- ⇒ Seek out 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 the event center transportation service, a minimum of 90% lower emitting than the current "2010" heavy-duty emissions standards;
- ⇒ Encourage transportation providers and event center venues to establish ongoing relationships to continue event-specific transit service beyond the MSRC funding period, including the identification of funding sources in addition to the MSRC to support future transportation services.

This MSRC has offered funding for implementation of Event Center Transportation programs for the past several years. This Event Center Transportation Program funding opportunity spans four *fiscal years* – FYs 2018/'19 through 2021/'22. As noted herein, however, applicants may propose transportation services for a maximum of two event consecutive seasons. Thus, applicants seeking MSRC funding for three fiscal years will be required to submit multiple applications.

To reduce the need to photocopy, package, and physically submit paper applications, the FY 2019-'21 Edition of the Major Event Center Transportation Program <u>requires that applications be submitted electronically in PDF format using the MSRC Website</u>. We believe this benefits the applicant, the MSRC staff, and the environment.

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).
- All events receiving MSRC **Clean Transportation Funding™** under this Program Announcement must be held no later than December 31, 2022.
- 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. A mid-project evaluation will be conducted by the MSRC prior to authorization to initiate transportation services for the second consecutive season.

The following Sections describe the eligibility requirements to participate in the MSRC Major Event Center Transportation Services Program, limits on the amount of **Clean Transportation Funding™** available to Program participants, 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. It is likely that some event center transportation proposals will be deemed ineligible or to offer insufficient benefits and will not receive an MSRC funding award.

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 for three fiscal years is \$6.5M. This funding level is a targeted amount – should meritorious projects be received totaling greater than \$6.5M, 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 automobile 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 requirements.

• 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 a qualifying Major Event Center 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. **Maximum MSRC Funding Limits** To ensure broad-based participation, the MSRC has established the following maximum funding parameters:
 - a. The maximum total funding award to any entity that provides event center transportation programs under this solicitation shall not exceed 50% of the total Available Funding. The total available funding currently allocated by the MSRC for this Program is \$6.5M. Thus, the maximum total funding award for any single transportation service provider is currently set at \$3.25M. This maximum funding restriction can be waived by the MSRC in the event the MSRC does not receive meritorious proposals from other bidders that meet or exceed 50% of the total available funds, or if the MSRC allocates additional funds to the Program. The MSRC reserves the right to determine which projects, if any, are deemed meritorious and warrant a Clean Transportation Funding™ award; and
 - b. All events receiving MSRC **Clean Transportation Funding**™ under this Program Announcement must be held prior to December 31, 2022.
 - c. 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. Applicants are eligible to

submit multiple proposals within the proposal acceptance period commencing on April 5, 2019 and ending on March 30, 2021.

- 3. **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 \$450,000 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, March 30, 2021, 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.
- 4. **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.
- 5. 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.
- 6. **Program Co-Funding Requirements** Major event center projects funded by the MSRC are required to provide minimum project co-funding in the amounts shown below:
 - Projects implemented between Program Announcement release and December 31, 2019: Cofunding must be no less than 50% of the total project cost, i.e., a "dollar for dollar match of eligible project co-funding to MSRC Clean Transportation Funding™;

- Projects implemented between January 1, 2020 and December 31, 2020: Co-funding must be greater than or equal to 55% of the total project cost, i.e., a maximum of 45% of total project costs to be co-funded by the MSRC;
- Projects implemented between January 1, 2021 and December 31, 2022: 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.
- 7. **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.
- 8. **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.

9. 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.
 - MSRC Prospective Contractor Information. This information is needed to help determine if any financial interests exist under the Government Code or other California law. For purposes of this form, the entity which would enter into a contract with SCAQMD is the Contractor.
 - 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	April 5, 2019
Application Submittal Period	April 5, 2019 – March 30, 2021
Latest Date/Time for Electronic Application Submittal	March 30, 2021 @ 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

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

MSRC Clean Transportation Funding™ 2019-'21 Event Center Transportation Programs

7. Attachment G: Certifications

a. W-9 Form and Form 590

b. Disadvantaged Business Certification Form

c. MSRC Prospective Contractor Information

d. Campaign Contribution Disclosure Form

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 submit an application is March 30, 2021 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 April 5, 2019 to March 30, 2021.

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:

a... person, as remotion

For General or Technical Assistance, please contact:

Ray Gorski

MSRC Technical Advisor Phone: 909-396-2479

E-mail:

Ray@CleanTransportationFunding.org

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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: <u>dhughbanks@aqmd.gov</u>

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 and in accordance with the maximum funding provisions stipulated in Section 3.3 of this Program Announcement. It is possible that all funding allocated to this Program could be fully expended prior to the close of the proposal submittal period, March 30, 2021.

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.

STEP 1: POTENTIAL TO ACHIEVE QUANTIFIABLE AIR POLLUTANT REDUCTIONS - 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.

STEP 2:

EVENT CENTER PROJECT COST-EFFECTIVENESS (0 – 50 Points). 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.	50
\$500 - \$1,499/Lb.	40
\$1,500 - \$2,499/Lb.	30
\$2,500 - 3,499/Lb.	20
\$3,500 - \$4,499/Lb.	10
> \$4,500/Lb.	0

- 2. NEXUS TO OTHER PUBLIC TRANSIT SERVICES (0 25 Points). MSRC experience over the past nine years has shown that Event 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.
- 3. PROGRAM CONTINUATION PLAN (0 25 Points). MSRC funding is intended to be "seed funding" to initiate Event Center Transportation services it is not intended to serve as an ongoing funding source. Event Center projects are required to develop a plan to demonstrate how the service, if successful, 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 beyond the initial MSRC funding period will be awarded a higher point allocation.

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 - PA2019-03

ATTACHMENT A: PROPOSAL CONTACT INFORMATION

A.	Please provide the following Proposer information in the space provided (This is information about the entity
	submitting the proposal):

Business Name							
Division of:							
Subsidiary of:							
Website Address							
Type of Business Check One:	D C LI	ndividual BA, Name orporation, ID No LC/LLP, ID No		1			
							
Address							
City							
State			Zip				
Phone	()	- Ext	Fax	()	-	
Contact Name			Title				
E-mail Address			,				
Payment Name if Different							
3. Funding Request MSRC Clean Transpo	-	n ding™ Reauested:	\$				
Other Co-Funding Ap		-					
	,	Total Project C					

	<u></u>					
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:						
Division of: Subsidiary of:						
Division of: Subsidiary of: Website Address						
Division of: Subsidiary of: Website Address Type of Business						
Division of: Subsidiary of: Website Address Type of Business Address						
Division of: Subsidiary of: Website Address Type of Business Address City/Town						
Division of: Subsidiary of: Website Address Type of Business Address City/Town State/Province					Zip	
Business Name Division of: Subsidiary of: Website Address Type of Business Address City/Town State/Province Phone	()		Ext	Fax	() -
Division of: Subsidiary of: Website Address Type of Business Address City/Town State/Province Phone Contact Name	()	-	Ext		() -
Division of: Subsidiary of: Website Address Type of Business Address City/Town State/Province Phone	()	-	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. **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.
- 4. 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.
- 5. **Program Continuation Plan** Please describe what efforts will be made by the event center/transportation provider partnership to secure necessary resources to continue event center transportation program beyond the initial MSRC funding period.

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.

(Rev. October 2018)

Request for Taxpayer Identification Number and Certification

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

Interna	Rev	enue Service	>	Go to www.irs	.gov/F	FormW9 for	instru	ctions and	the late	est infor	rmation	١.					
	1 1	Name (as shown	on your income t	tax return). Name i	is requi	ired on this lin	e; do no	ot leave this I	ine blank.								
	2 [Business name/o	isregarded entity	name, if different	from a	bove	-										
on page 3.									1	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):							
/pe.	single-member LLC Limited Eability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership)								E	Exempt payee code (if any)							
Print or type, Specific Instructions on page		Note: Check t LLC if the LLC another LLC t	the appropriate bo is classified as a hat is not disrega	ox in the line above a single-member L arded from the own	ve for th LC that mer for	ne tax classific t is disregarde U.S. federal ta	cation of ed from ax purpo	f the single-n the owner ur oses. Otherw	nember or niess the d ise, a sing	wner. Do owner of gle-mem	the LLC	is	Exemption code (if a		n FATC	A repo	orting
ecific		is disregarded Other (see ins		should check the	approp	riate box for t	the tax c	classification	of its own	ier,		,	Αρρίωs to a	ccounts	maintaine	d outside	the (J.S.)
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Par	t 11	Certific	cation														
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3. l ar	nal	J.S. citizen or	other U.S. perse	on (defined belo	ow); an	nd											
4. The	FA'	TCA code(s) er	ntered on this fo	orm (if any) indic	cating	that I am ex	empt fr	rom FATCA	reportin	ng is cor	rrect.						
you ha acquis other t	ave fa sition than	ailed to report a or abandonme	all interest and d ent of secured p	ss out item 2 about the second	r tax reation of	eturn. For rea f debt, contrit	al estate ibutions	transaction to an indivi	ıs, item 2 dual retir	does nement a	ot apply arrangen	For l	mortgag (RA), an	ge inte d gen	erest pa erally,	aid, payme	ents
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Futur	e de	velopments.	For the latest in	formation about	t deve	lopments		Form 1099	9-B (stoc	k or mu	utual fur	nd sal	es and	certa	in oth	er	

related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.lrs.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)

- 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.

Form W-9 (Rev. 10-2018) Page 2

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 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.
- 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.
- Sufficient facts to justify the exemption from tax under the terms of the treaty article.

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

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

Backup Withholding

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

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

Payments you receive will be subject to backup withholding if:

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

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

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

Page 3

Criminal penalty for falsifying information. Willfully talsifying 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
- B—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 securitles 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

¹ 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.

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 allen 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 80-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 cade 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

what name and numbe	r 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(o)(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
10. 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 risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

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

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

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

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.

Form W-9 (Rev. 10-2018)

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@lrs.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/ldtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.ldentityTheft.gov and Pub. 5027.

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

Privacy Act Notice

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

2019 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.
	hholding Agent Information
Nan	10
_	
Pay Nan	ree Information
	E son of the E file E dx copies. E dx soom
Add	ress (apt./ste., room, PO box, or PMB no.)
City	(If you have a foreign address, see instructions.) State ZIP code
_	
	mption Reason
	eck only one box. checking the appropriate box below, the payee certifies the reason for the exemption from the California income tax withholding
	ulrements on payment(s) made to the entity or Individual.
Ш	Individuals — Certification of Residency: I am a resident of California and I reside at the address shown above. If I become a nonresident at any time, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.
	Corporations: The corporation has a permanent place of business in California at the address shown above or is qualified through the California Secretary of State (SOS) to do business in California. The corporation will file a California tax return. If this corporation ceases to have a permanent place of business in California or ceases to do any of the above, I will promptly not the withholding agent. See instructions for General Information D, Definitions.
	Partnerships or Limited Liability Companies (LLCs): The partnership or LLC has a permanent place of business in California at the address shown above or is registered with the California SOS, and is subject to the laws of California. The partnership or LLC will file a California tax return. If the partners or LLC ceases to do any of the above, I will promptly inform the withholding agent. For withholding purposes, a limited liability partnership (LLP) is treated like any other partnership.
	Tax-Exempt Entities: The entity is exempt from tax under California Revenue and Taxation Code (R&TC) Section 23701 (Insert letter) or internal Revenue Code Section 501(c) (Insert number). If this entity ceases to be exempt from tax, I will promptly not the withholding agent. Individuals cannot be tax-exempt entities.
	Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pension/Profit-Sharing Plans: The entity is an insurance company, IRA, or a federally qualified pension or profit-sharing plan.
	California Trusts: At least one trustee and one noncontingent beneficiary of the above-named trust is a California resident. The trust will file a California fiduciary tax return. If the trustee or noncontingent beneficiary becomes a nonresident at any time, I will promptly notify the withholding agent.
	Estates — Certification of Residency of Deceased Person: I am the executor of the above-named person's estate or trust. The decedent was a California resident at the time of death. The estate will file a California fiduciary tax return.
	Nonmilitary Spouse of a Military Servicemember: I am a nonmilitary spouse of a military servicemember and I meet the Military Spouse Residency Relief Act (MSRRA) requirements. See Instructions for General information E, MSRRA.
CE	RTIFICATE OF PAYEE: Payee must complete and sign below.
	learn about your privacy rights, how we may use your information, and the consequences for not providing the requested informat to ftb.ca.gov/forms and search for 1131. To request this notice by mail, call 800.852.6711.
sta	der penalties of perjury, I declare that I have examined the information on this form, including accompanying schedules and tements, and to the best of my knowledge and belief, it is true, correct, and complete. I further declare under penalties of perjury to be facts upon which this form are based change, I will promptly notify the withholding agent.
Тур	e or print payee's name and title Telephone ()
Pay	yee's signature Date
	7061193 Form 590 2018

2017 Instructions for Form 590

Withholding Exemption Certificate

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

General Information

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

A Purpose

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

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

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

Do not use Form 590 to certify an exemption from withholding if you are a Seller of California real estate. Sellers of California real estate use Form 593-C, Real Estate Withholding Certificate, 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

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.

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 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 pavee 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 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, and provide it 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, get FTB Pub. 1032, Tax Information for Military Personnel.

Permanent Place of Business:

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

E Military Spouse Residency Relief Act (MSRRA)

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

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

Domicile is defined as the one place:

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

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

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

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

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

Specific Instructions

Payee Instructions

Enter the withholding agent's name.

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

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

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

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

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

Withholding Agent Instructions

Do not send this form to the FTB. The withholding agent retains this form for a minimum of five years or until the payee's status changes, and must provide this form 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, and Form 592-V, Payment Voucher for Resident and Nonresident Withholding.

Additional Information

Website: For more information go to

ftb.ca.gov and search for

onwage

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

Telephone: 888.792.4900 or 916.845.4900,

Withholding Services and Compliance phone service

Fax: 916.845.9512

Mail: WITHHOLDING SERVICES AND

COMPLIANCE MS F182 FRANCHISE TAX BOARD PO BOX 942867

SACRAMENTO CA 94267-0651

For questions unrelated to withholding, or to download, view, and print California tax forms and publications, or to access the TTY/TDD numbers, see the information below.

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 impairments

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 de habla

Page 2 Form 590 Instructions 2016



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).

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 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 on the SCAQMD website (www.aqmd.gov). The list of current MSRC members/alternates can be found on the MSRC website (http://www.cleantransportationfunding.org).

SECTION I.

Contractor (Legal Name):

, <u> </u>	
DBA, Name	, County Filed in
Corporation, ID No	
LLC/LLP, ID No.	
List any parent, subsidiaries, or otherwise af (See definition below).	filiated business entities of Contractor:
SECTION II.	
campaign contribution(s) totaling \$250 or more	or affiliated company, or agent thereof, made a e in the aggregate to a current member of the South oard or member/alternate of the MSRC in the 12 disclosure?
<u> </u>	on II below and then sign and date the form. www. Include this form with your submittal.

Campaign Contributions Disclosure, continued:

Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
Name of Contributor		
Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
I declare the foregoing disclosures to be true and	correct.	
Ву:	_	
Title:	_	
Date:		

DEFINITIONS

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

- (1) Parent subsidiary. A parent subsidiary relationship exists when one corporation directly or indirectly owns shares possessing more than 50 percent of the voting power of another corporation.
- (2) Otherwise related business entity. Business entities, including corporations, partnerships, joint ventures and any other organizations and enterprises operated for profit, which do not have a parent subsidiary relationship are otherwise related if any one of the following three tests is met:
 - (A) One business entity has a controlling ownership interest in the other business entity.
 - (B) There is shared management and control between the entities. In determining whether there is shared management and control, consideration should be given to the following factors:
 - (i) The same person or substantially the same person owns and manages the two entities;
 - (ii) There are common or commingled funds or assets;
 - (iii) The business entities share the use of the same offices or employees, or otherwise share activities, resources or personnel on a regular basis;
 - (iv) There is otherwise a regular and close working relationship between the entities; or
 - (C) A controlling owner (50% or greater interest as a shareholder or as a general partner) in one entity also is a controlling owner in the other entity.

MSRC Prospective Contractor Information

1.	Contractor (Legal Name):
2.	Brief Description of Project:
3.	Did Contractor retain a consultant to help prepare the funding application?
	Yes No If YES, identify consultant below and then sign and date the form. If NO, sign and date below.
	Name of Consultant
	declare the foregoing disclosure to be true and correct. Name:
	Signature:
	Fitle:
	Date:

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

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

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

Check all that apply:	
☐ 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
while business Enterprise	ivost ravoted Customer r nonig Cerumeanon
Percent of ownership:%	
Name of Qualifying Owner(s):	
State of California Public Works Contractor Re	
INCLUDED IF BID PROPOSAL IS FOR PUBLIC	WORKS PROJECT.
I, the undersigned, hereby declare that to the best of my know information submitted is factual.	ledge the above information is accurate. Upon penalty of perjury, I certify
information submitted is factual.	
A. NAME	TITLE
D TELEDHONE NUMBER	DATE
B. TELEPHONE NUMBER	DATE

(a) <u>Definitions</u>

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

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

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

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

- has an ongoing business within the boundary of SCAQMD at the time of bid application.
- performs 90 percent of the work within SCAQMD'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 SCAQMD will receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services.



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 12

REPORT: Legislative, Public Affairs and Media Report

SYNOPSIS: This report highlights the July 2020 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

DJA:FW:NM:LTO:KH:DM:lam:ar

BACKGROUND

This report summarizes the activities of the Legislative, Public Affairs and Media Office for July. The report 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 Governments.

MAJOR EVENTS (HOSTED AND SPONSORED)

Each year, South Coast AQMD staff engage in holding and sponsoring several major events throughout South Coast AQMD's four county areas to promote, educate, and

provide important information to the public regarding reducing air pollution, protecting public health, improving air quality, and the economy.

No major events were hosted or sponsored in July due to the COVID-19 pandemic.

COMMUNITY EVENTS/PUBLIC MEETINGS

Each year, South Coast AQMD staff engage with thousands of residents, 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 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.

South Coast AQMD staff attended and/or provided information and updates at the following July events and meetings:

AB 2588 Public Notification Meeting for Equilon Enterprises, LLC, Shell Oil Production, US (Equilon)

Staff held an AB 2588 public notification meeting for Equilon in Carson on July 22. Equilon is a bulk gasoline and chemical distribution terminal facility. Information was provided on the AB 2588 Toxic Hotspots program, the facility Health Risk Assessment, the potential impact emissions may have on public health, and what is being done to reduce emissions both now and in the future. Meeting attendees participated in a public comment session with questions and answers.

ENVIRONMENTAL JUSTICE UPDATE

The following are key environmental justice-related activities in which staff participated during the month of July. These events and meetings involve communities affected disproportionately from adverse air quality impacts.

Global Environmental Health Day

Staff participated in the Global Environmental Health Day hosted on July 1 by the National Institute of Environmental Health Sciences entitled "Science at the Cutting Edge of Global Environmental Change and Health." The virtual convening served as an opportunity to bring together a global community of colleagues to explore areas of interest and discuss new ideas, to form collaborations and share common goals.

Congressional EJ Stakeholder Update

Staff participated in the Congressional EJ stakeholder update conference call on July 1, which was led by House Natural Resources Chair Raul Grijalva, Representative Donald McEachin and House Select Committee on the Climate Crisis Chair Kathy Castor. Chair Castor discussed the Climate Crisis Action Plan. which aims to put the country on a path to net-zero greenhouse gas emissions by 2050. Chair Castor and select committee staff incorporated the community's feedback.

Riverside County Health Coalition

Staff attended Riverside County Health Coalition's first virtual meeting on July 15. The panel addressed the impacts of COVID-19, including structural racism impacts on communities and the need for change. Over 70 people participated including educational, public health, non-profits and government agencies.

American Lung Association, "Air Quality and COVID-19: Connections, Health Impacts and Racial Disparities"

Staff attended a webinar held by the American Lung on July 15. This webinar focused on COVID-related health risks and efforts to mitigate them. Recent research suggests that individuals who have experienced long-term exposure to fine particulate matter (PM 2.5) may be more susceptible to contracting COVID-19 and may have higher mortality rates.

Healthy Air Alliance Roundtable

Staff participated in the Healthy Air Alliance roundtable on July 23 with faith, community, and policy leaders to discuss health, environmental, and justice inequities across California. Staff participated in the roundtable discussion moderated by Jamarah Hayner, a community leader and president of the Healthy Air Alliance. The purpose of the roundtable was to bring a group of policy, community, and religious leaders together to discuss solutions to assist disadvantaged communities.

Agents of Change: Amplifying Voice of Future Leaders

Staff participated in a webinar, entitled, "Agents of Change: Amplifying Voices of Future Leaders in Environmental Health and Justice," hosted by the George Washington University Milken Institute School of Public Health and Environmental Health News on July 30. Environmental health leaders explored the intersection of research, health, diversity and justice. "Agents of Change" is an ongoing series featuring the stories, analyses and perspectives of next generation environmental health leaders who are from historically under-represented backgrounds in science and academia.

League of California Cities African American Caucus Town Hall Meeting

Staff participated in a virtual townhall meeting entitled "Declaring Racism as a Public Health Crisis" on July 31. Panelists included Riverside Council Member Gabby Plascencia; Moreno Valley Council Member Dr. Carla Thornton; Corey Jackson, CEO,

SBX Youth & Family Services; and, Dr. Priya Batra, Inland Empire Health Plan Senior Medical Director for Family and Community Health. Panelists discussed examples of structural barriers that African American people have been faced with for centuries with the goal of providing insight and solutions to these ongoing issues.

AB 617 UPDATE

The following are key AB 617-related activities in which staff participated during the month of July. These events, workshops and meetings involve AB 617 communities to support the Community Steering Committees (CSC), Community Air Monitoring Plans (CAMP) and Community Emissions Reduction Plans (CERP).

Los Angeles County Regional Planning Green Zones Program

Staff attended the Los Angeles County Department of Regional Planning Green Zones Program Community meeting for the unincorporated East Los Angeles area on July 6. The purpose of the meeting was to discuss the proposed Green Zone program ordinance and changes to regulations for industrial businesses.

Eastern Coachella Valley (ECV) AB 617 CSC Charter Working Group Meeting Staff held the second ECV CSC Charter Working Group meeting with 40 attendees on July 15. The CSC members provided suggestions, comments and changes to various elements of the charter, specifically adding 15 goals; specifying CSC and agency roles and responsibilities; organizing timelines; and clarifying the voting process. The charter will continue to be a living document.

ECV Charter Working Group Meeting

Staff held the third ECV Charter Working Group meeting with more than 45 attendees on July 22. The meeting focused on the live editing of the proposed CSC charter. CSC members provided suggestions, comments and changes to various elements of the charter, specifically discussing meeting schedules, agendas, CSC communications, meeting materials, Brown Act elements, and stipends.

Southeast Los Angeles AB 617 Workshop and CSC

Staff held the South East Los Angeles Workshop and CSC meeting with 110 attendees on July 23. The meeting featured a workshop on truck traffic and rail. South Coast AQMD and CARB staff presented on the development of a CAMP and CERP strategies to address emissions from truck traffic, freeways, rail yards, and locomotives

ECV Charter Working Group

Staff held the ECV Charter Working Group with 60 participants from the community and stakeholder groups on July 29. Staff led the live editing and discussion of the proposed CSC charter. CSC members voted to adopt the charter.

ECV Workshop and CSC Meeting

Staff held the fourth ECV CSC meeting featuring a workshop on the Salton Sea, pesticides, and air monitoring on July 29. Agencies involved in the Salton Sea provided presentations to the CSC including, the Imperial Irrigation District, CARB, University of California, Riverside, Department of Pesticides Regulation, Riverside County Agricultural Commissioner, and South Coast AQMD.

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.

Due to the COVID-19 pandemic, there were no requests for the Speaker's Bureau and Visitor Services in July.

COMMUNICATION CENTER STATISTICS

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

Calls to South Coast AQMD's Main Line and	2,708
1-800-CUT-SMOG® Line	
Calls to South Coast AQMD's Spanish-	23
language Line	
Clean Air Connections	8
Total Calls	2,739

PUBLIC INFORMATION CENTER STATISTICS

The Public Information Center (PIC) handles phone calls and walk-in requests for general information. Information for the month of July is summarized below:

Calls Received by PIC Staff	2
Calls to Automated System	850
Total Calls	852

Email Advisories Sent	6,339
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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 also 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 on-site consultation, as summarized below for July.

- Provided permit application assistance to 345 companies;
- Processed 110 Air Quality Permit Checklists; and,
- Provided assistance in the filing of two requests for variances.

Types of businesses assisted:

Construction Firms
Architecture Firms
Engineering Firms

MEDIA RELATIONS

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

Major Media Interactions	112
Press Releases	7
News Carousel Write-Ups	3

Major Media Topics

- Windblown Dust Advisory: Pitched Coachella Valley news outlets regarding the dust advisory in their area.
- Consultant Contracts: Financial Investment News reached out to see if the Deferred Compensation committee approved the contract with Benefit Financial Services Group for consultant services at its June 9 meeting. Responded to reporter.
- **Fireworks Particulate Advisory:** Pitches were sent to local news outlets regarding the July 4th weekend fireworks particulate advisory. Staff participated in interviews with KNX, KPCC, and the LA Times, and participated in an additional interview with KNX. The advisory was covered on dozens of additional outlets including: Spectrum 1, KABC Radio, City News Service, CBS, KCAL 9, KTLA, ABC, Laist, and Press-Enterprise.
 - o **Fireworks Particulate Advisory Extension:** Pitches to local news outlets regarding the extension of the July 4th fireworks particulate advisory. Coverage included: KABC Radio, KCRW, and Telemundo LA, Univision LA.
- 4th of July Air Quality Press Release: Pitches were sent to local news outlets regarding the press release detailing the weekend fireworks and their effect on PM2.5 levels. KPCC requested an interview and spoke with staff. Coverage included: KNX, KABC AM, KPCC, KFI, FOX, Good Day LA, KTLA, ABC 7, CBS, and NBC.
- Soledad Fire Smoke Advisory: Pitches to local news outlets regarding the Soledad Fire smoke advisory. Coverage included: KFI, KNX, KABC AM, CBS "This Morning", NBC, Fox Good Day LA, KTLA and ABC.
- VW Funding: Motorship Magazine reached out with questions regarding VW funding solicitation for airport ground support and port cargo handling equipment, forklifts, marine vessel engines and shore power projects. Reporter was sent responses and referred to the Bay Area AQMD for additional questions.
- AQI Map Files: Spectrum News 1 reached out for an update on the AQI Forecast Map KML files for use in weather reports. Staff connected the requestor to the IM department.
- **Disneyland Fireworks:** LA Times submitted written questions on Disneyland's fireworks and any past air monitoring and compliance related history. Response was sent to the reporter. **Ozone Standards:** CalMatters submitted written questions regarding South Coast AQMD's position on U.S. EPA's decision to not change the federal standard for ozone. Response was sent to the reporter.
- **PM 2.5 Attainment:** Pitched interview with LA Times to discuss recent deadline for 2006 PM2.5 standard and to discuss progress made in the Basin in the past decades. Interview was conducted with staff.

- Smoke Plume Graphics Request: The San Diego Union Tribune requested feedback on a smoke plume modelling process, due to a fire in the area. The reporter was referred to the San Diego APCD.
- Elevated AQI in Coachella Valley: KESQ inquired on an AQI reading of 1886 in Coachella Valley and wanted to confirm it was an error. Confirmed with reporter that the reading was due to AC failure at the monitoring station.
- **Asbestos Removal:** LA Times inquired about asbestos removal and any resulting settlement from Royal Park/Center Lake Hotel. Response was provided.
- **AB 617:** City News Service submitted written questions about the AB 617 program in Eastern Coachella Valley. Responses were sent.
- **Airport MOUs:** An op-ed was pitched to the LA Times, then SoCal News Group, regarding Airport MOUs. Staff is awaiting a response from SoCal News Group.
- **Fireworks and Air Quality:** The Beachcomber inquired about air quality, fireworks and the areas worst-affected. Information and a copy of previous press releases were sent to the reporter.
- Wilmington Refinery Flare: LA Times inquired about a flaring incident at Wilmington refinery. Reporter was provided a response.
- **Story Correction:** Contacted Truthout regarding misinformation on the agency's COVID response efforts, as part of a recent interview with environmentalists. Working with the reporter to provide a written response.
- General Air Quality Information: A student reporter reached out with questions regarding air pollution for a high school publication. Response was provided.
- Santa Clarita Valley Air Quality: SCV Signal requested an interview on poor air quality in the Santa Clarita Valley. Interview was conducted with staff.
- **Delta Fuel Dump:** Pasadena Weekly requested an update on the Delta jet fuel dump in January. Response was sent to the reporter.
- Smoke Advisory for Dam Fire: Staff pitched the smoke advisory to 13 news outlets.

News Release and Announcements

- South Coast AQMD Issues Particulate Advisory due to 4th of July Fireworks July 2, 2020: Notified residents of expected poor air quality due to fireworks.
- South Coast AQMD Extends Particulate Advisory Due to Fireworks July 5, 2020: Residents notified of extended poor air quality due to fireworks
- South Coast AQMD Issues Smoke Advisory Due to Soledad Fire South of Agua Dulce July 5, 2020: Notified residents smoke advisory due to fire.

- 4th of July Fireworks Celebrations Lead to Highest PM2.5 Levels in Over a
 Decade July 8, 2020: Notified residents of PM levels reached during the
 holiday.
- South Coast AQMD Issues Smoke Advisory Due to Dam Fire North of Azusa July 30, 2020: Notified residents smoke advisory due to fire.
- South Coast AQMD Continues Smoke Advisory Due to Dam Fire North of Azusa July 31, 2020: Notified residents of smoke advisory due to fire
- South Coast AQMD Issues Smoke Advisory Due to Apple Fire North of Cherry Valley July 31, 2020: Notified residents smoke advisory due to fire.

News Carousel

- 2020 Independence Day Weekend Air Quality July 10, 2020: Provided a link to air quality monitoring data from the Independence Day weekend.
- There's Still Time to Submit Applications for Carl Moyer Heavy-Duty Equipment Funding July 23, 2020: Informed residents of the opportunity to apply for Carl Moyer funding.
- Wildfire Smoke and Ash Health and Safety Tips: Provided link to the Wildfire Tips page.

Social Media Notable Posts

- Dust Advisory (6/28): 27,742 Twitter Impressions
- Particulate Advisory Extension (7/5): 34,974 Twitter Impressions
- Smoke Advisory (7/5): 34,387 Twitter Impressions
- Independence Day Weekend AQ Page (7/10): 24,998 Twitter Impressions
- AQ Forecast (7/21): 5,071 Twitter Impressions
- AQ Forecast (7/28): 2,429 Twitter Impressions

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

In light of COVID-19, outreach was conducted in July virtually to communicate with elected officials or staff from the following cities:

Alhambra Fullerton Placentia Arcadia Glendale Pomona

Azusa Glendora Rancho Cucamonga

Baldwin Park Hawthorne Rosemead Bellflower San Dimas Industry San Fernando Bradbury Irwindale San Gabriel Brea La Cañada Flintridge Buena Park La Habra San Marino Burbank La Puente Santa Clarita Carson La Verne Santa Fe Springs Claremont Los Angeles Sierra Madre Covina Mission Viejo South El Monte Diamond Bar Monrovia South Pasadena Duarte Monterey Park Temple City El Monte Ontario West Covina Yorba Linda Fountain Valley Pasadena

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

- U.S. Senator Dianne Feinstein
- U.S. Senator Kamala Harris
- U.S. Representative Karen Bass
- U.S. Representative Tony Cardenas
- U.S. Representative Kathy Castor
- U.S. Representative Judy Chu
- U.S. Representative Paul Cook
- U.S. Representative Tyler Diep
- U.S. Representative Raul Grijalva
- U.S. Representative Donald McEachin

- Senator Bob Archuleta
- Senator Steve Glazer
- Senator Holly Mitchell
- Senator Susan Rubio
- Assembly Majority Leader Ian Calderon
- Assembly Member Reggie Jones-Sawyer
- Assembly Member Blanca Rubio

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

Aliso Canyon Disaster Health Study Community Advisory Committee

Angeles National Forest

BizFed

CARB

California Municipal Utilities Association

California Public Utilities Commission

California Special Districts Association

CALSTART

CAPCOA

Coachella Valley Association of Governments

Gateway Cities Council of Governments

Greater Riverside Transportation Now

Fountain Valley Chamber of Commerce

Huntington Beach Chamber of Commerce

Inland Valley Development Agency

Inland Empire Regional Chamber of Commerce

League of California Cities

Los Angeles County Board of Supervisors

Los Angeles County Department of Public Health (DPH)

Los Angeles County DPH Aliso Canyon Health Study Scientific Oversight Committee

Los Angeles World Affairs Council

Mission Viejo Chamber of Commerce

Mountain Transit Board

Newport Beach Chamber of Commerce

Omnitrans

Ontario International Airport Authority

Orange Chamber of Commerce

Orange County Board of Supervisors

Orange County Business Council

Pasadena Chamber of Commerce

Phoenix Motors

Porter Ranch Neighborhood Council

Riverside County Board of Supervisors

Riverside Transit Agency Transportation NOW

San Bernardino Council of Governments

San Bernardino County Board of Supervisors

San Bernardino County Transportation Authority

San Fernando Valley Council of Governments

San Gabriel Valley City Managers Association

San Gabriel Valley Council of Governments

San Gabriel Valley Economic Partnership

Santa Fe Springs Chamber of Commerce

South Bay Council of Governments

South Orange County Economic Coalition

Southern California Association of Governments

Southern California Clean Cities Coalition

Sunshine Canyon Landfill Community Advisory Committee

Temple City Parks and Recreation

Western Community Energy Board

Western Riverside Council of Governments

Staff represented South Coast AQMD in July and/or provided updates or a presentation to the following community and educational groups and organizations:

Altadenans for Clean Healthy Air (CHA CHA)

American Lung Association

Asian Pacific Islander Forward Movement

Cerritos College

Center for Biological Diversity

Coalition for Clean Air

Esperanza Community Housing

Healthy Air Alliance

Long Beach Alliance for Children with Asthma

Los Angeles Unified School District

Natural Resources Defense Council

People Not Pozos

Porter Ranch Neighborhood Council

Sierra Club

STAND – L.A.

University of California, Irvine



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 13

REPORT: Hearing Board Report

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

period of July 1 through July 31, 2020.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:

Receive and file.

Julie Prussack Chairman of Hearing Board

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Two summaries are attached: July 2020 Hearing Board Cases and Rules From Which Variances and Orders for Abatement Were Requested in 2020. An index of South Coast AQMD Rules is also attached.

There were no appeals filed during the period July 1 to July 31, 2020.

Report of July 2020 Hearing Board Cases

Case Name and Case No. (Staff Attorney)	Rules	Reason for Petition/Hearing	South Coast AQMD Position/Hearing Board Action	Type and Length of Variance or Order	Excess Emissions
1. Axiom Oil, Inc. Case No. 6175-1 (B. Tomasovic)	461(e)(2)(A)(i)	Petitioner sought relief to delay an annual test on its pumps due to unexpected delays in the delivery of equipment from manufacturer because of COVID.	Not Opposed/Granted	Ex Parte EV granted commencing 8/1/20 and continuing through 8/11/20, or upon final compliance with South Coast AQMD Rule 461(e)(2)(A)(i), whichever occurs first.	None
San Antonio Regional Hospital Case No. 5606-4 (Consent Calendar; No Appearance)	203(b) 218.1(b)(4)(C) 3002(c)(1)	Petitioner sought permit to delay the CEMS RATA for a disconnected cogeneration unit that is down for repair.	Not Opposed/Granted	RV granted commencing 7/22/20 and continuing through 10/31/20, the FCD.	None
3. South Coast AQMD vs. City of San Bernardino Water Department Case No. 6124-2 (Consent Calendar; No Appearance)	1196	Allow for the immediate replacement of four vehicles with model year 2020 vehicles, rather than waiting to replace with later year models.	Stipulated/Issued	Mod. O/A issued commencing 7/23/20 and continuing through 12/15/23. The Hearing Board shall retain jurisdiction over this matter until 12/15/23.	N/A
4. South Coast AQMD vs. County of San Bernardino Case No. 6174-1 (K. Roberts)	1196(d)(1) 1196(f)(8)(a) 1196(f)(10)	Require compliance with South Coast AQMD's fleet rules.	Stipulated/Issued	O/A issued commencing 7/7/20 and continuing through 1/31/24. The Hearing Board shall retain jurisdiction over this matter until 1/31/24.	N/A

Case Name and Case No. (Staff Attorney)	Rules	Reason for Petition/Hearing	South Coast AQMD Position/Hearing Board Action	Type and Length of Variance or Order	Excess Emissions
5. Tesoro Refining and Marketing Company, LLC Case No. 4982-126 (Consent Calendar; No Appearance)	203(b) 2004(f)(1) 2011(c)(2)(A) 2011(c)(2)(B) 2011(e)(1) 2012(c)(2)(A) 2012(c)(2)(B) 2012(g)(1) 3002(c)(1)	Petitioner sought permission to disconnect CEMS from the refinery heater during a turnaround to allow the installation of an SCR unit.	Not Opposed/Granted	SV granted commencing upon notice given pursuant to Condition No. 2(a) of the Order and continuing for 46 consecutive days, or on the day the CEMS analyzers are reconnected to the refinery heater and is returned to full operational status; and notice is provided as specified in Condition No.2(b), whichever occurs first.	None

Acronyms
CEMS: Continuous Emissions Monitoring System
EV: Emergency Variance
FCD: Final Compliance Date
Mod. O/A: Modification Order for Abatement
N/A: Not Applicable
O/A: Order for Abatement
DATA: Polative Accuracy Test Audit

RATA: Relative Accuracy Test Audit
RV: Regular Variance
SCR: Select Catalytic Reduction
SV: Short Variance

Rules	Jan	Feb	Mar	rom which April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Actions
202		1		7.10.11		0 00	- cary	7.4.9	Сорт				1
203(a)		•		1	1								2
203(b)	6	7	3	4	2		2						24
218(f)(3)	<u> </u>	,	1	7			_						1
218.1(b)(4)(C)		2	•		1		1						4
401(b)(1)		1					-						1
407(a)		1											1
141				1									1
161				1									1
461(e)(2)(A)(i)							1						1
461(e)(2)(A)(i) 463(c)	1	1											2
463(c) 463(c)(2)		1	4										1
			1										1
163(e)(4) 1121(c)(3)(A)			7	1									1
1147 (c)(2)				•	1								1
1148.1(d)(8)	1				•								1
1173(d)(1)(B)	1												1
1176(e)(2)(A)		1											1
1178(d)(3)		ı	1										1
1178(g)			1										1
1180(e)			2	1		1							4
1196							1						1
1196(d)(1)							1						1
1196(f)(8)(a) 1196(f)(10)							1						<u>1</u> 1
1430						1	•						1
	-	c	2	2	1	ı	1						17
2004(f)(1) 2011(c)(2)(A)	5	6 1	2		1		1						2
2011(c)(2)(A) 2011(c)(2)(B)		1					1						2
2011(e)(1)		1					1						2
2012(c)(2)(A)		1	1		1		1						4
2012(c)(2)(B)		1	1		1		1						4
2012(d)(2)	1				1								2
2012(g)(1)		1	1				1						3
2012, Apendix A	1	•	•				•						1
2012, Appendix													
A, Chapter C h.		2											2
3002(c)	1	1											2
3002(c)(1) H&S 41701	4	5 1	3	2	1		1						16 1

SOUTH COAST AQMD RULES AND REGULATIONS INDEX FOR 2020 HEARING BOARD CASES AS OF JULY 31, 2020

REGULATION II – PERMITS

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ring Performance Specifications
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REGULATION IV - PROHIBITIONS

Rule 401	Visible Emissions
Rule 441	Research Operations
Rule 461	Gasoline Transfer and Dispensing
Rule 463	Organic Liquid Storage

REGULATION XI - SOURCE SPECIFIC STANDARDS

Rule 1121	Control of Nitrogen Oxides (NOx) from Residential Type, Natural-Gas-Fired Water Heaters
Rule 1147	NOx Reductions from Miscellaneous Sources
Rule 1148.1	Oil and Gas Production Wells
Rule 1173	Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and
	Chemical Plants
Rule 1176	VOC Emissions from Wastewater Systems
Rule 1178	Reductions VOC Emissions from Storage Tanks at Petroleum Facilities
Rule 1180	Refinery Fenceline and Community Air Monitoring
Rule 1196	Clean On-Road Heavy-Duty Public Fleet Vehicles

REGULATION XIV - TOXICS AND OTHER NON-CRITERIA POLLUTANTS

Rule 1430 Control of Emissions from Metal Grinding Operations at Metal Forging Facilities

REGULATION XX - REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

Rule 2004	Requirements
Rule 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

SOUTH COAST AQMD RULES AND REGULATIONS INDEX FOR 2020 HEARING BOARD CASES AS OF JULY 31, 2020

REGULATION XXX - TITLE V PERMITS

Rule 3002 Requirements

CALIFORNIA HEALTH AND SAFETY CODE

§41701 Restricted Discharges



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 14

REPORT: Civil Filings and Civil Penalties Report

SYNOPSIS: This reports the monthly penalties from June 1, 2020

through July 31, 2020, and legal actions filed by the

General Counsel's Office from June 1 through

July 31, 2020. An Index of South Coast AQMD Rules is

attached with the penalty report.

COMMITTEE: Stationary Source, August 21, 2020, Reviewed

RECOMMENDED ACTION: Receive and file this report.

Bayron T. Gilchrist General Counsel

BTG:ew

Civil Filings 1. Bowman Plating Co., Inc. Los Angeles Superior Court – Compton Case No. 20CMCV00167; Filed 7.2.20 (DH) P33595 and P33599 R. 203 – Permit to Operate R. 1469.1 – Spraying Operations Using Coatings Containing Chromium

2 Violations

Violations

2

Attachments

June and July 2020 Penalty Reports
Index of South Coast AQMD Rules and Regulations

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT General Counsel's Office

Settlement Penalties Report (06/01/2020 - 06/30/2020)

Total Penalties

Civil Settlement: \$48,500.00

Criminal Settlement : \$8,451.51

Hearing Board Settlement : \$10,000.00

MSPAP Settlement: \$12,000.00

Total Cash Settlements: \$78,951.51

Fiscal Year through 06/30/2020 Cash Total : \$12,314,045.87

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
50098	D&D DISPOSAL INC,WEST COAST RENDERING CO	415, 2004, 2012, H&S 42401	06/19/2020	DH	P66165, P67311, P67314, P67320 P72858	, \$23,000.00
45938	E.M.E. INC/ELECTRO MACHINE & ENGINEERING	201, 1469.1, 3002	06/18/2020	NS	P33597, P66002, P66008	\$25,000.00
174540	PELLISSIER SHELL	461	06/19/2020	KER	P68158, P68161	\$500.00
Total Civil	l Settlements : \$48,500.00					
Criminal						
184421	ANCHOR PROJECT SERVICES, LLC	1403	06/24/2020	GV	P65410	\$8,451.51
Total Crin	ninal Settlements : \$8,451.51					

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Hearing Bo	oard					
10966	WEBER METALS INC	1430	08/27/2019	DH	6136-1	\$10,000.00
Total Hear	ing Board Settlements : \$10,000.00					
MSPAP						
149443	CTS CEMENT MANUFACTURING CORP.	203(a), 13 CCR 2460	06/24/2020	GC	P68901	\$1,600.00
188807	CURCIO ENTERPRISES INC.	201, 203(a)	06/25/2020	GC	P66792	\$1,000.00
159798	ECOLOGY AUTO PARTS, INC.	13 CCR 2460	06/24/2020	GC	P69001	\$800.00
122549	G & M OIL CO, LLC #93	201, 203, 461, H&S 41960.2	06/24/2020	GC	P67218, P69616	\$1,600.00
127037	GIULIANOS' SPECIALTY FOODS	1146.2	06/24/2020	GC	P63887	\$1,200.00
176408	GOLDEN STATE ENTERPRISES, LLC	461	06/24/2020	GC	P68134	\$300.00
189469	J & P OIL COMPANY INC	461, H&S 41960.2	06/24/2020	GC	P68133	\$600.00
127975	MECCA TRAVEL CENTER	203(a), 461	06/10/2020	TCF	P66389	\$900.00
33572	ORANGE UNI SCH DIST	461(c)(3)(Q)	06/24/2020	TCF	P68761	\$300.00
188266	PACIFIC ELITE COLLISION CENTERS SANTA AN	203(b)	06/25/2020	TCF	P68561	\$800.00
188791	QUALITY COLLISION CENTER	1171(c)(1)	06/24/2020	TCF	P69351	\$500.00
171563	TESORO (USA) 63273	461, H&S 41960.2	06/24/2020	TCF	P69005	\$1,600.00
171712	TESORO 63022	461, H&S 41960.2	06/24/2020	TCF	P69014	\$800.00
Total MSP	AP Settlements : \$12,000.00					

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT General Counsel's Office

Settlement Penalties Report (07/01/2020 - 07/31/2020)

Total Penalties

Civil Settlement: \$1,955,817.00

Hearing Board Settlement: \$50,000.00

MSPAP Settlement: \$29,890.00

Total Cash Settlements: \$2,035,707.00

Fiscal Year through 07/31/2020 Cash Total: \$2,035,707.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
21665	A & A READY MIXED CONCRETE INC	403, 1403	07/17/2020	NS	P65888, P65889, P65919, P65920, P69518, P69521, P69525, P69526, P69527, P69578	\$5,000.00
115394	AES ALAMITOS, LLC	401(b)(1), 402, 3002(c)(1), H&S 41700, H&S 41701	07/30/2020	KCM	P67928, P67929	\$10,000.00
115389	AES HUNTINGTON BEACH, LLC	401, 402, 3002, H&S 41700, H&S 41701	07/30/2020	KCM	P67930, P69259	\$10,000.00
177658	BURNS ENVIRONMENTAL SERVICES	1403	07/30/2020	ВТ	P65924, P65928, P65933, P65937, P65941, P65942, P69422, P69429, P69446	\$30,000.00
800181	CALIFORNIA PORTLAND CEMENT CO	2004, 3002	7/16/2020	ВТ	P63805	\$20,500.00
162526	FLINTRIDGE TREE CARE	203(a)	07/08/2020	KER	P44878, P44880, P57560	\$20,000.00
160208	LONG BEACH ARCO, JAY GANESH PETRO, INC	461, H&S 41960.2	07/30/2020	DH	P67658, P67666	\$7,500.00
188012	MOOREFIELD CONSTRUCTION INC	403(d)(2)	07/30/2020	ТВ	P66772, P66780	\$1,500.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
136913	MORRELL'S ELECTRO PLATING, INC	201, 203, 1469.1	07/17/2020	NSF	P33598, P63559, P66003, P66004, P66017	\$25,000.00
172288	NIELSEN CONSTRUCTION GROUP, INC	203, 1403	07/02/2020	ВТ	P65930	\$3,900.00
158075	NORTH AMERICAN POLYMER COMPANY	′ 314	7/17/2020	SP	P64816	\$20,000.00
156902	PROVIDENCE TARZANA MEDICAL CENTER	203(b)	7/8/2020	ТВ	P66795	\$22,000.00
157676	THE SHERWIN-WILLIAMS COMPANY	1113, 1143, 1168	07/30/2020	WW/B T	P55313, P61803, P64805, P64808	\$1,765,417.00
187358	UNION PACIFIC RAILROAD	1466	07/30/2020	ТВ	P64576, P64577, P64578	\$15,000.00
Total Civi	Settlements: \$1,955,817.00					
Haarina D	d					
Hearing B 104234		202, 203(b), 1153.1, 1303	07/17/2020	KCM	5400-4	\$50,000.00
104234	SCAQMD v. Mission Foods	202, 203(b), 1155.1, 1505	07/17/2020	KCM	5400-4	\$50,000.00
Total Hea	ring Board Settlements : \$50,000.00					
MSPAP	4000004.0004.00000000000000000000000000	000	07/00/0000		D0.10.10	# 550.00
175360	AGOURA HILLS ALIANCE, INC.	203	07/22/2020	GC	P64942	\$552.00
188796	ALEX FRESNARES	1403	07/22/2020	GC	P66474	\$600.00
167625	ALTAMED HEALTH SVCS CORP	203(b)	07/02/2020	GC	P68065	\$800.00
158014	ARTESIA 5220, INC.	461	07/22/2020	GC	P68423	\$300.00
154539	BLVD 5 INC	461, H&S 41960	07/22/2020	GC	P68410	\$1,658.00
112427	CARTEL ELECTRONICS INC	203	07/22/2020	GC	P65192	\$2,400.00
151160	COLLARS & CUFFS CLEANERS, HONG GOO KIM	1146.2	07/02/2020	GC	P65191	\$800.00
158390	H&S ENERGY, LLC. H&S 21	461, H&S 41960.2	07/28/2020	GC	P68164	\$1,200.00
170032	H&S ENERGY, LLC. H&S 27	461	07/28/2020	GC	P68116	\$600.00
125366	H&S ENERGY, LLC. H&S 7	461(E)(2)(A)	07/28/2020	GC	P67685	\$180.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
180385	HYBRID 911	1151, 1171	07/23/2020	GC	P64097	\$960.00
180258	INLAND EMPIRE SATELLITE REGIONAL REFEREN	203(b), 1146.1	07/23/2020	GC	P65388	\$4,000.00
186295	MAIN STREET PETROLEUM	203(a)	07/09/2020	TCF	P67699	\$800.00
2619	MARTIN LUTHER KING JR MEDICAL CAMPUS	3002(c)(1)	07/09/2020	TCF	P65278	\$500.00
183123	MAS CONSTRUCTION GROUP INC	403	07/08/2020	TCF	P69574	\$3,200.00
176952	MERCEDES_BENZ WEST COAST CAMPUS	461	07/23/2020	TCF	P66924	\$300.00
149935	MJM VALLEJO MINI MARKET, INC.	461, H&S 41960.2	07/23/2020	TCF	P69622	\$800.00
180076	MY GOODS MARKET #5614	461	07/23/2020	TCF	P69039	\$800.00
144380	PENSKE TRUCK LEASING	461	07/09/2020	TCF	P68757	\$500.00
165000	PILOT TRAVEL CENTERS LLC	461(c)(3)(Q)	07/09/2020	TCF	P66399	\$300.00
141231	PRO_MART, INC	203	07/02/2020	TCF	P70204, P70211	\$3,400.00
127432	RANCHO CLEANERS, M & M ANGEL, DBA	1421	07/10/2020	TCF	P68707	\$250.00
181181	RESEDA RANCH SERVICE STATION	203(b), 461	07/10/2020	TCF	P67231	\$800.00
151544	SUPERPRINT LITHOGRAPHICS INC	201, 203(a)	07/10/2020	TCF	P70251	\$1,000.00
167870	THE IRVINE COMPANY LLC	203(b)	07/08/2020	GC	P68554	\$850.00
138401	VENICE ARCO - MAYA EL-KHOURY	461	07/10/2020	GC	P68414	\$850.00
107668	WEBB'S CHEVRON/WEBB'S AUTO & TRUCK SERVI	461, H&S 41960.2	07/10/2020	GC	P67682	\$690.00
8443	WORLD OIL MARKETING CO #13	461, H&S 41960	07/10/2020	TCF	P68436	\$800.00

Total MSPAP Settlements: \$29,890.00

SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX FOR JUNE AND JULY 2020 PENALTY REPORTS

REGULATION II - PERMITS

Rule 201 Permit to Construct

Rule 202 Temporary Permit to Operate

Rule 203 Permit to Operate

REGULATION III - FEES

Rule 314 Fees for Architectural Coatings

REGULATION IV - PROHIBITIONS

Rule 401 Visible Emissions

Rule 402 Nuisance Rule 403 Fugitive Dust

Rule 415 Odors from Rendering Facilities
Rule 461 Gasoline Transfer and Dispensing

REGULATION XI - SOURCE SPECIFIC STANDARDS

Rule 1113 Architectural Coatings

Rule 1143 Consumer Paint Thinners & Multi-Purpose Solvents

Rule 1146.1 Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators,

and Process Heaters

Rule 1146.2 Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers
Rule 1151 Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations

Rule 1153.1 Emissions of Oxides of Nitrogen from Commercial Food Ovens

Rule 1168 Adhesive and Sealant Applications

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 1430	Control of Emissions from Metal Grinding Operations at Metal Forging Facilities
Rule 1466	Control of Particulate Emissions From Soils With Toxic Air Contaminants
Rule 1469 1	Spraying Operations Using Coatings Containing Chromium

REGULATION XX - REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

Rule 2004 RECLAIM Program Requirements

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

REGULATION XXX - TITLE V PERMITS

Rule 3002 Requirements for Title V Permits

CALIFORNIA CODE OF REGULATIONS

13 CCR 2460 Portable Equipment Testing Requirements

CALIFORNIA HEALTH AND SAFETY CODE

41700	Violation of General Limitations
41701	Violation of General Limitations

41960 Certification of Gasoline Vapor Recovery System

41960.2 Gasoline Vapor Recovery

42401 Violation of Order for Abatement



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 15

REPORT: FY 2019-20 Contract Activity

SYNOPSIS: This report lists the number of contracts let during FY 2019-20, the

respective dollar amounts, award type, and the authorized contract signatory for the South Coast AQMD. This report includes the data provided in the March 2020 report covering contract activity for

the first six months of FY 2019-20.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:

Receive and file.

Wayne Nastri Executive Officer

SJ:DH:EA:tm

Background

The Board's Procurement Policy and Procedures requires staff to provide semi-annual reports to the Board on contract activity. This report is for the full Fiscal Year and includes the data provided in the March 2020 report covering contract activity for the first six months of FY 2019-20. This report identifies five categories of contract awards:

- 1) New Awards new contracts for professional services and research projects;
- 2) Other air monitoring station leases, Board Assistant agreements, and miscellaneous lease agreements that generate revenue, e.g., lease of South Coast AQMD office space;
- 3) **Sponsorships** contracts funding public events and technical conferences which provide air quality related benefits;
- 4) **Modifications** amendments to existing contracts usually reflecting changes in the project scope and/or schedule; and
- 5) **Terminated Contracts** Partial/No Work Performed modifications to contracts to reflect termination of a portion or all of the work which result in de-obligation of contract funding.

The report further specifies under New Awards, which contracts were awarded competitively, and which were awarded on a sole source basis. Within the first four categories, the level of approval (Board or Executive Officer) is indicated.

Summary

The total value of all contracts and contract modifications for this period (FY 2019-20) was \$161,092,165.28, with 282 contracts and contract modifications totaling \$157,982,673.83 (98%) approved by the Board and 340 contracts and contract modifications totaling \$3,109,491.45 (2%) approved by the Executive Officer. This does not include modifications for termination with partial or no work completed. Table 1 is a summary of the 671 contracts and modifications (including terminations and the associated amount of de-obligated funding) issued during this period.

Table 1: Contracts, Modifications and Amounts (including terminations)

CONTRACT CATEGORY	NUMBER	AMOUNT
NEW AWARDS	267	\$132,981,150.84
OTHER	43	\$1,054,448.04
SPONSORSHIPS	25	\$252,600.00
MODIFICATIONS	287	\$26,803,966.04
TERMINATIONS	49	-\$11,802,159.83
TOTAL	671	\$149,290,005.45

Of the total value for New Awards, \$125,806,549.00 (94%) was awarded through the competitive process. As shown in Table 2, contracts totaling \$3,109,491.45 were approved by the Executive Officer.

Table 2: Contracts Approved by Executive Officer

CONTRACT DESCRIPTION	CONTRACT AMOUNT
Board Member Assistant contracts and contract modifications, as approved by the Administrative Committee	\$880,748.04
Technical consulting	\$278,000.00
Contract modifications for extensions of time or additional budgeted services from previously approved vendors	\$791,710.57
Sponsorships in advanced technologies and community and business outreach	\$496,590.88
Miscellaneous services including the lease of alternative fuel vehicles	\$163,630.28
Venue related services to support clean air outreach events including AB617 meetings	\$79,087.68
Facility improvements to the Diamond Bar Headquarters building	\$136,024.00
Air monitoring station licenses	\$173,700.00
Legal services	\$110,000.00
Total	\$3,109,491.45

Attachment

Contract Activity Report for the period July 1, 2019 through June 30, 2020.

South Coast AQMD Contract Activity Report July 1, 2019 - June 30, 2020

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE	
I. NEW AWARDS								
Competitive - Board Approved								
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18178	77	PROP 1B TRUCK REPLACEMENT PROGRAM	LIBERTY LINE HAUL WEST, INC.	\$100,000.00		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18183	77	PROP 1B TRUCK REPLACEMENT PROGRAM	ALTO XPRESS, INC.	\$300,000.00		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19072	77	REPOWER 2 MAIN ENGINES AND 1 AUXILIARY ENGINE ON 1 MARINE VESSEL	HARLEY MARINE SERVICES INC	\$1,951,007.00		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19198	32	REPOWER 2 MAIN ENGINES OF A MARINE VESSEL	LOS ANGELES COUNTY SHERIFF DEPT	\$163,200.00		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19235	75	MOA FOR SCHOOL ACCESS FOR AIR FILTRATION INSTALLATION	LOS ANGELES UNIFIED SCHOOL DISTRICT	\$0.00	1	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19236	77	PROP 1B TRUCK REPLACEMENT PROGRAM	CALPORTLAND COMPANY	\$2,500,000.00		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19242	77	PROP 1B TRUCK REPLACEMENT PROGRAM	ELIZABETH LITSAS	\$100,000.00		
27	INFORMATION MANAGEMENT	C19258	01	AIR MONITORING TELEMETRY PIP NETWORK	VERIZON BUSINESS NETWORK SERVICES INC	\$435,000.00		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19292	75	MOA FOR SCHOOL ACCESS FOR AIR FILTRATION INSTALLATION	RIALTO UNIFIED SCHOOL DISTRICT	\$0.00	1	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19294	75	MOA FOR SCHOOL ACCESS FOR AIR FILTRATION INSTALLATION	AZUSA UNIFIED SCHOOL DISTRICT	\$0.00	1	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19309	81	PROP 1B TRUCK REPLACEMENT PROGRAM	J&J TRANSPORTATION VINSON, INC.	\$200,000.00		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19310	77	PROP 1B TRUCK REPLACEMENT PROGRAM	T&M PROJECTS INC. DBA T&M CONSTRUCTION	\$100,000.00		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19311	77	REPLACEMENT OF 29 ON-ROAD EQUIPMENT	NATIONAL READY MIXED CONCRETE CO.	\$1,664,528.00		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19329	77	PROP 1B TRUCK REPLACEMENT PROGRAM	MOUNTAIN VALLEY EXPRESS CO	\$1,000,000.00		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19330	77	PROP 1B TRUCK REPLACEMENT PROGRAM	AIR FAYRE CA INC.	\$280,000.00		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19332	32	REPLACEMENT OF 2 OFF-ROAD AGRICULTURAL EQUIPMENT	TRENCH SHORING COMPANY	\$347,936.00		

South Coast AQMD Contract Activity Report July 1, 2019 - June 30, 2020

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
26	PLANNING RULE DEV & AREA SOURCES	C19334	27	APPLICATION OF SWIRL-PATTERN BURNER HEAD TECHNOLOGY WITH REDUCED NOX EMISSIONS CAPABLE OF MEETING THE FUTURE REQUIREMENT OF RULE 1111	BECKETT GAS, INC.	\$791,992.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19341	77	PROP 1B TRUCK REPLACEMENT PROGRAM	TRADELINK TRANSPORT, INC.	\$2,100,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19343	77	REPLACEMENT OF 19 ON-ROAD EQUIPMENT	GREEN FLEET SYSTEMS, LLC	\$1,854,647.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19354	32	REPLACEMENT OF 3 OFF-ROAD EQUIPMENT	SUNWEST FARMS LLC	\$223,847.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19355	32	REPLACEMENT OF 1 OFF-ROAD AGRICULTURAL EQUIPMENT	ALEXANDRA DATES, INC.	\$111,797.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19357	32	REPLACEMENT OF 4 OFF-ROAD AGRICULTURAL EQUIPMENT	VAN DRUNEN FARMS	\$785,855.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19358	32	REPOWER OF 1 MAIN ENGINE ON 1 MARINE VESSEL - OPERATION ONLY	TAYLORED SEAFOOD	\$0.00	1
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19360	77	REPLACEMENT OF 1 ON-ROAD EQUIPMENT	MARTIN H. KARAM	\$73,647.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19361	32	REPLACEMENT OF 2 OFF-ROAD AGRICULTURAL EQUIPMENT	COTTONWOOD DAIRY	\$149,268.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19364	77	PROP 1B TRUCK REPLACEMENT PROGRAM	MAGDALENO CABANAS GARCIA	\$100,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19366	32	REPLACEMENT OF 4 OFF-ROAD AGRICULTURAL EQUIPMENT	AAA FARM, INC.	\$206,178.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19369	56	EFMP PROGRAM DISMANTLER	PICK YOUR PART	\$0.00	1
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19374	32	REPLACEMENT 1 OFF-ROAD AGRICULTURAL EQUIPMENT	RIVERBED DAIRY	\$176,485.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19375	32	REPLACEMENT OF 1 OFF-ROAD AGRICULTURAL EQUIPMENT	SHARMA GENERAL ENGINEERING CONTRACTORS	\$527,370.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19378	32	REPOWER 15 OFF-ROAD EQUIPMENT	RALPH D MITZEL INC	\$2,931,682.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19379	77	REPLACEMENT OF 1 ON-ROAD EQUIPMENT	CITY OF ARCADIA	\$11,263.00	

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19380	77	REPLACEMENT OF 1 ON-ROAD VEHICLE	TKS LEASING	\$100,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19381	32	REPLACEMENT OF 1 OFF-ROAD AGRICULTURAL EQUIPMENT	CONEJO DATES, INC	\$40,283.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19382	32	REPLACEMENT OF 3 ON-ROAD EQUIPMENT	JPA CONSTRUCTION CLEAN-UP SERVICES INC.	\$237,905.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19389	32	REPLACEMENT OF 6 OFF-ROAD EQUIPMENT	SA RECYCLING LLC	\$625,402.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19393	77	REPLACEMENT OF 2 ON-ROAD EQUIPMENT	AMERICAN PACIFIC FORWARDERS INC	\$200,000.00	
26	PLANNING RULE DEV & AREA SOURCES	C19398	01	EVALUATION OF SOUTH COAST AQMD BARCT ASSESSMENT FOR PROPOSED RULE 1109.1	NORTON ENGINEERING CONSULTANTS, INC	\$100,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19399	77	EXPAND & OPERATE RENEWABLE NATURAL GAS FILLING STATION	RF DICKSON CO INC	\$548,492.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19400	77	CONSTRUCT AND OPERATE RENEWABLE NATURAL GAS FUELING STATION	NATIONAL READY MIXED CONCRETE CO.	\$1,113,794.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19401	77	EXPAND AND OPERATE AN EXISTING RENEWABLE NATURAL GAS FILLING STATION	CLEAN ENERGY	\$4,042,689.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19403	27	RNG UPGRADING, PIPELINE INTERCONNECT, NEAR ZERO EMISSION PROJECT	RIALTO BIOENERGY FACILITY LLC	\$4,365,801.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19404	77	CONSTRUCT & OPERATE A RENEWABLE NATURAL GAS FUELING STATION	FOOD EXPRESS, INC.	\$525,849.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19407	77	PROP 1B TRUCK REPLACEMENT PROGRAM	ROADEX CY, INC.	\$1,400,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19409	77	CONSTRUCT AND OPERATE 4 RENEWABLE NATURAL GAS FILLING STATIONS	SUPERIOR READY MIX CONCRETE, L.P.	\$2,948,235.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19410	77	CONSTRUCT AND OPERATE 2 RENEWABLE NATURAL GAS FILLING STATIONS	AJR TRUCKING, INC.	\$1,279,800.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19411	32	REPLACEMENT OF 2 OFF-ROAD EQUIPMENT	ROBERT MCGINTY	\$112,618.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19412	77	EXPAND AND OPERATE RENEWABLE NATURAL GAS FILING STATION	CITY OF COMMERCE	\$866,305.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19413	32	REPLACEMENT OF 2 OFF-ROAD EQUIPMENT WITH 1 OFF-ROAD EQUIPMENT	SKIP EDMUNSON, INC.	\$1,147,254.00	

DEPT	DEPT NAME	CONTRACT	FUND	DESCRIPTION	VENDOR NAME	CONTRACT	FOOT
ID		NUMBER	CODE			AMOUNT	NOTE
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19414	32	REPLACEMENT OF 2 OFF-ROAD EQUIPMENT	RRM PROPERTIES, LTD	\$376,993.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19416	32	REPLACEMENT OF 3 OFF-ROAD AGRICULTURAL EQUIPMENT	DESERT EMPIRE PALMS	\$345,096.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19417	32	REPOWER 1 OFF-ROAD EQUIPMENT	MBA GRADING & DEMOLITION, INC.	\$168,206.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19418	32	REPLACEMENT OF 7 OFF-ROAD EQUIPMENT	QUALITY TURF INC	\$410,845.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19424	32	REPOWER 1 OFF-ROAD EQUIPMENT	TONY R CRISALLI, INC	\$123,731.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19425	77	REPLACEMENT OF 8 ON-ROAD ENGINES	SUPRA NATIONAL EXPRESS INC.	\$679,974.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19427	77	REPOWER OF 21 ON-ROAD EQUIPMENT	OMNITRANS	\$301,412.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19432	32	REPLACEMENT OF 3 OFF-ROAD EQUIPMENT	DESERT MIST FARMS LLC	\$401,116.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19433	77	REPLACEMENT OF 23 ON-ROAD VEHICLES	CAROLINA TRUCKING INC.	\$2,300,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19434	32	REPLACEMENT OF 6 OFF-ROAD EQUIPMENT	CAL CARTAGE WAREHOUSE & TRANSLOADING LLC	\$463,392.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19435	77	REPLACEMENT OF 1 OFF-ROAD EQUIPMENT	JAMES MCMINN, INC.	\$1,559,840.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19440	32	REPLACEMENT OF 2 OFF-ROAD EQUIPMENT	HOLLANDIA FARMS NORTH INC	\$128,428.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19441	32	REPLACEMENT OF 3 OFF-ROAD EQUIPMENT	CALIFORNIA WASTE SERVICES LLC	\$119,190.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19442	77	REPLACEMENT OF 1 ON-ROAD EQUIPMENT	MORIS MUSHARBASH I INC.	\$46,729.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19447	32	REPLACEMENT OF 2 OFF-ROAD EQUIPMENT	ANTHONY VINEYARDS, INC.	\$230,160.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19450	77	REPLACEMENT OF 2 ON-ROAD EQUIPMENT	TRICON TRANSPORTATION, INC.	\$113,864.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19451	77	CONSTRUCT & OPERATE 1 BATTERY CHARGING STATION	BANNING UNIFIED SCHOOL DISTRICT	\$397,500.00	

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
	ADMINISTRATIVE & HUMAN RESOURCES	C19452	01	LANDSCAPE MAINTENANCE SERVICES	TROPICAL PLAZA NURSERY INC	\$277,515.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19456	32	REPLACEMENT OF 13 OFF-ROAD EQUIPMENT	LONG LIFE FARMS INC.	\$793,178.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19458	32	REPLACEMENT OF 1 OFF-ROAD EQUIPMENT	POWERLAND EQUIPMENT INC	\$90,880.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19460	77	REPLACEMENT OF 4 ON-ROAD EQUIPMENT	AIRPORT MOBIL, INC	\$154,607.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19461	77	REPLACEMENT OF 9 ON-ROAD EQUIPMENT	PLAIN LEASING INC	\$422,860.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19463	32	REPOWER OF 1 OFF-ROAD EQUIPMENT	BILL HIGGINS, INC.	\$147,107.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19465	77	REPLACEMENT OF 7 ON-ROAD VEHICLES	MLI LEASING LLC	\$181,595.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19466	32	REPLACEMENT OF 1 OFF-ROAD AGRICULTURAL EQUIPMENT	STEPHEN WESSELINK FARMS INC	\$393,424.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19468	27	DEPLOYMENT OF 110 ZERO-EMISSIONS CLASS 5 BATTERY-ELECTRIC PANEL VANS	CHANJE ENERGY, INC.	\$3,000,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19469	56	CASE MANAGEMENT AND REMOTE SENSING FOR ENHANCED FLEET MODERNIZATION	OPUS INSPECTION INC	\$550,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19470	32	REPOWER 9 OFF-ROAD EQUIPMENT	SUKUT CONSTRUCTION, INC.	\$2,363,555.00	
16	ADMINISTRATIVE & HUMAN RESOURCES	C20003	01	TREE TRIMMING AND PLANT CARE SERVICES	GOTHIC LANDSCAPE MAINTENANCE DIVISION	\$99,932.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20025	32,77	REPLACEMENT OF 15 OFF-ROAD AGRICULTURAL EQUIPMENT	T & R NURSERIES, INC.	\$834,536.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20026	77	REPLACEMENT OF 11 ON-ROAD EQUIPMENT	PACIFICA TRUCKS, LLC	\$693,384.00	
26	PLANNING RULE DEV & AREA SOURCES	C20031	27	RESIDENTIAL ENERGY EFFICIENCY RETROFIT PROGRAM (COACHELLA VALLEY)	ALCAL SPECIALTY CONTRACTING, INC	\$966,667.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20037	77	REPLACEMENT OF 1 HEAVY-DUTY TRUCK	PACKAIR AIRFREIGHT INC.	\$50,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20044	27	FUEL CELL POWER GENERATION SYSTEM (1320 kW) FOR THE AQUARIUM OF THE PACIFIC	BIOFUELS AOP LONG BEACH, LLC	\$282,286.00	

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16	ADMINISTRATIVE & HUMAN RESOURCES	C20045	01	ELEVATOR MAINTENANCE AND SERVICE	KONE INC.	\$158,417.00	NOTE
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20050	77	PROP 1B TRUCK REPLACEMENT PROGRAM	DANMAR P&D CORP	\$150,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20051	54	COMMERCIAL HARBOR CRAFT NOX AND PM EMISSIONS REDUCTION TECHNOLOGY DEMONSTRATION	NETT TECHNOLOGIES INC.	\$1,338,750.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20056	54	HYBRID TERMINAL EQUIPMENT DEPLOYMENT AND DEMONSTRATION PROJECT	PORT OF LONG BEACH	\$2,500,000.00	
26	PLANNING RULE DEV & AREA SOURCES	C20058	31	AIR QUALITY MODELING AND "BIG DATA" ANALYSIS OF METEOROLOGICAL AND EMISSIONS IMPACTS ON AIR QUALITY	UNIVERSITY OF CALIFORNIA RIVERSIDE	\$188,798.00	
16	ADMINISTRATIVE & HUMAN RESOURCES	C20059	01	ELEVATOR MODERNIZATION AT SOUTH COAST AQMD HEADQUARTERS	KONE INC.	\$1,405,950.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20061	54	MARKET ACCELERATION PROGRAM	CLEAN ENERGY	\$0.00	1
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20085	31	TECHNICAL ASSISTANCE FOR DEPLOYMENT AND DEMONSTRATION OF INFRASTRUCTURE AND MOBILE SOURCE APPLICATIONS	CALSTART, INC	\$150,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20086	80	TECHNICAL ASSISTANCE AND IMPLEMENTATION OF THE CARL MOYER PROGRAM INCLUDING THE SCHOOL BUS PROGRAM	CALSTART, INC	\$150,000.00	
26	PLANNING RULE DEV & AREA SOURCES	C20105	27	RESIDENTIAL ENERGY EFFICIENCY RETROFIT PROGRAM (SAN FERNANDO VALLEY)	ALCAL SPECIALTY CONTRACTING, INC	\$480,000.00	
27	INFORMATION MANAGEMENT	C20107	01	OFFICE DATA CABLE INFRASTRUCTURE	DIGITAL NETWORKS GROUP, INC.	\$273,125.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20109	27	ZERO-EMISSION BATTERY-POWERED TRANSPORT REFRIGERATION UNITS	ADVANCED ENERGY MACHINES LLC	\$338,920.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20110	01	CHARACTERIZATION CHAMBER SYSTEM FOR TESTING AIR MONITORING SENSOR DEVICES	RJ LEE GROUP INC	\$900,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20117	32	REPLACEMENT OF 1 OFF-ROAD VEHICLE - OPERATION ONLY	CHANDLER PALOS VERDES SAND & GRAVEL CO	\$0.00	1
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20123	32	REPOWER 1 OFF-ROAD VEHICLE - OPERATION ONLY	NORTH AMERICAN RECYCLING AND CRUSHING	\$0.00	1

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44	SCIENCE & TECHNOLOGY	C20124	31	DEVELOP & DEMONSTRATE BATTERY-ELECTRIC	VOLVO TECHNOLOGY OF	\$2,000,000.00	
	ADVANCEMENT			EXCAVATOR & WHEEL LOADER	AMERICA LLC		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20159	77	REPOWER OF 4 OFF-ROAD EQUIPMENT	UNIVERSAL CITY STUDIOS	\$692,574.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20168	31	MERCEDES BENZ EV CHARGER DISBURSEMENT	OMNITRANS	\$0.00	1
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20170	40	CNGVP ADMINISTRATION OF MEETINGS AND COMMUNICATION STRATEGIC PLAN FOR PARTNERSHIP	GLADSTEIN, NEANDROSS & ASSOCIATES	\$31,600.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20187	77	REPLACEMENT OF 6 LINE-HAUL LOCOMOTIVES	BNSF RAILWAY COMPANY	\$11,533,500.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20203	32	REPLACEMENT OF 1 OFF-ROAD EQUIPMENT	MARVO HOLSTEINS	\$92,594.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20206	32	REPLACEMENT OF 2 OFF-ROAD EQUIPMENT	SAGE GREEN, LLC	\$2,800,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20209	77	REPLACEMENT OF 1 OFF-ROAD EQUIPMENT	ALEJANDRO GALINDO	\$139,415.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20210	32	REPLACEMENT OF 6 OFF-ROAD EQUIPMENT	COTTONWOOD DAIRY	\$1,175,072.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20212	77	REPLACEMENT OF 3 OFF-ROAD EQUIPMENT	SA RECYCLING LLC	\$346,133.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20213	77	REPLACEMENT OF 1 OFF-ROAD EQUIPMENT	BELK FARMS, LLC	\$311,467.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20220	77	REPLACEMENT OF 2 OFF-ROAD EQUIPMENT	DESERT MIST FARMS LLC	\$290,834.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20221	77	REPOWER AND RETROFIT 1 DUAL-ENGINE AND 1 SINGLE-ENGINE OFF-ROAD EQUIPMENT	JACOB AARON BELL	\$523,702.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20222	32	REPLACEMENT OF 3 AND REPOWER OF 9 OFF-ROAD ENGINES	PEED EQUIPMENT COMPANY	\$3,216,960.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20224	32	REPOWER 44 ENGINES ON 22 DUAL-ENGINE VEHICLES	TGI EQUIPMENT CORPORATION	\$9,859,410.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20228	77	REPLACEMENT OF 5 OFF-ROAD EQUIPMENT	AAA FARM, INC.	\$229,445.00	

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44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20229	77	REPLACEMENT OF 9 OFF-ROAD EQUIPMENT	ANTHONY VINEYARDS, INC.	\$504,297.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20230	32	REPLACEMENT OF 3 OFF-ROAD AGRICULTURAL EQUIPMENT	DARYL LEE KOOPS	\$385,987.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20231	77	REPLACEMENT OF 4 OFF-ROAD EQUIPMENT	BB & L INC	\$387,868.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20232	32	REPLACEMENT OF 1 OFF-ROAD EQUIPMENT	DALE W SEXTON	\$42,459.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20235	77	REPOWER OF 1 MAIN ENGINE OF A MARINE VESSEL	ZACHARY TWARDOWSKI	\$134,640.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20236	77	REPOWER 1 MAIN ENGINE OF A MARINE VESSEL	SCOTT A. HONAKER	\$124,800.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20238	77	REPOWER 2 MAIN ENGINES ON 1 MARINE VESSEL	GAIL FORCE MANAGEMENT, INC	\$179,200.00	
	SCIENCE & TECHNOLOGY ADVANCEMENT	C20239	77	REPOWER 1 MAIN ENGINE OF MARINE VESSEL	DARRYL M. SATO	\$107,200.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20240	32	REPOWER OF 1 MAIN ENGINE OF A MARINE VESSEL	DANIEL MELLO	\$216,334.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20241	32	REPLACEMENT OF 14 OFF-ROAD EQUIPMENT	RAMONA DAIRY	\$2,816,948.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20249	77	REPOWER OF 1 MAIN ENGINE OF A MARINE VESSEL	JOEL RAYMOND HARRISON	\$127,200.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20250	77	REPOWER OF 1 MAIN ENGINE OF A MARINE VESSEL	JACK EDWARD BUTTLER	\$89,577.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20253	77	REPLACEMENT OF 2 MAIN ENGINES OF A MARINE VESSEL	CATALINA CLASSIC CRUISES	\$528,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20255	77	REPLACEMENT OF 3 OFF-ROAD EQUIPMENT	VAN DRUNEN FARMS	\$366,627.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20256	77	REPLACEMENT OF 2 OFF-ROAD EQUIPMENT	JUNIOR ENTERPRISES, LLC	\$463,291.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20262	77	REPOWER 2 MAIN ENGINES OF A MARINE VESSEL	FUKUTO / REDLEW CHARTERS, INC.	\$364,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20267	77	REPOWER 4 MAIN ENGINES OF 2 MARINE VESSELS	THE JANKOVICH COMPANY	\$1,176,000.00	

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ID		NUMBER	CODE			AMOUNT	NOTE
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20268	77	REPOWER 2 MAIN ENGINES OF 2 MARINE VESSELS	LOS ANGELES MARITIME INTITUTE	\$404,800.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20269	77	REPOWER 1 MAIN ENGINE OF A MARINE VESSEL	RICHARD P KROENER	\$130,400.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20270	77	REPOWER 5 MAIN ENGINES AND 1 AUXILIARY ENGINE ON 3 MARINE VESSELS	PACIFIC TUGBOAT SERVICES	\$2,645,578.00	
04	FINANCE	C20271	01	INDEPENDENT AUDIT SERVICES	BCA WATSON RICE, LLP	\$161,901.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20272	77	REPOWER 8 MAIN ENGINES ON 4 MARINE VESSELS	HARBOR BREEZE CORP	\$1,407,200.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20273	77	REPOWER 6 MAIN ENGINES OF 3 MARINE VESSELS	US WATER TAXI, INC.	\$688,758.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20274	32	REPLACEMENT OF 1 OFF-ROAD AGRICULTURAL EQUIPMENT	MCMILLAN FARM MANAGEMENT	\$64,841.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20280	77	REPOWER 2 MAIN ENGINES ON 1 MARINE VESSEL	DAVID HARVEY	\$226,400.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20281	77	REPOWER 2 MAIN ENGINES ON 1 MARINE VESSEL	DOUGLAS E WOOLLEY	\$236,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20282	75	INSTALLATION AND MAINTENANCE OF AIR FILTRATION SYSTEMS IN SCHOOLS	IQAIR NORTH AMERICA, INC.	\$45,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20284	32	REPOWER 2 MAIN ENGINES OF A MARINE VESSEL	KENTON EFHAN	\$342,120.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18356	80	PROCURE UP TO 4 PROPANE SCHOOL BUSES	INGLEWOOD UNIFIED SCHOOL DISTRICT	\$538,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G19376	80	REPLACEMENT OF 2 CNG FUEL TANKS ON SCHOOL BUSES	REDLANDS UNIFIED SCHOOL DISTRICT	\$40,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G19421	80	REPLACEMENT OF 2 CNG TANKS ON SCHOOL BUSES	DESERT SANDS UNIFIED SCHOOL DISTRICT	\$40,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G19422	80	REPLACEMENT OF EXPIRED ONBOARD CNG TANKS IN PUBLIC SCHOOL BUSES	BONITA UNIFIED SCHOOL DISTRICT	\$40,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G19459	80	REPLACEMENT OF 5 CNG TANKS ON SCHOOL BUSES	WHITTIER UNION HIGH SCHOOL DISTRICT	\$100,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20040	80	REPLACEMENT OF 3 CNG TANKS ON SCHOOL BUSES	ARCADIA UNIFIED SCHOOL DISTRICT	\$60,000.00	

DEPT	DEPT NAME	CONTRACT	FUND	DESCRIPTION	VENDOR NAME	CONTRACT	FOOT
ID		NUMBER	CODE			AMOUNT	NOTE
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20041	80	REPLACEMENT OF 6 CNG TANKS ON SCHOOL BUSES	MORENO VALLEY UNIFIED SCHOOL DISTRICT	\$120,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20052	80	REPLACEMENT OF 2 CNG TANKS ON SCHOOL BUSES	MENIFEE UNIFIED SCHOOL DISTRICT	\$40,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20057	80	REPLACEMENT OF 2 EXPIRED ONBOARD CNG TANKS IN CNG PUBLIC SCHOOL BUSES	LOS ALAMITOS UNIFIED SCHOOL DISTRICT	\$40,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20062	80	REPLACEMENT OF 7 CNG FUEL TANKS ON SCHOOL BUSES	LAKE ELSINORE UNIFIED SCHOOL DISTRICT	\$140,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20063	80	REPLACEMENT OF 14 CNG FUEL TANKS ON SCHOOL BUSES	COLTON JOINT UNIFIED SCHOOL DISTRICT	\$280,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20075	80	REPLACEMENT OF 2 CNG TANKS ON SCHOOL BUSES	FULLERTON JOINT UNION HIGH SCHOOL DIST	\$40,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20076	80	REPLACEMENT OF 1 CNG FUELING TANK ON A SCHOOL BUS	ALTA LOMA SCHOOL DISTRICT	\$20,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20126	80	REPLACEMENT OF 3 CNG TANKS ON SCHOOL BUSES	ONTARIO-MONTCLAIR SCHOOL DISTRICT	\$60,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20138	80	REPLACEMENT OF 3 CNG TANKS ON SCHOOL BUSES	COACHELLA VALLEY UNIFIED SCHOOL DISTRICT	\$60,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20139	80	REPLACEMENT OF 1 CNG TANK ON SCHOOL BUS	BELLFLOWER UNIFIED SCHOOL DISTRICT	\$20,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20178	80,31	PURCHASE 5 CNG SCHOOL BUSES WITH FIRE SUPRESSION SYSTEMS AND ASSOCIATED INFRASTRUCTURE	WHITTIER UNION HIGH SCHOOL DISTRICT	\$1,052,500.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20201	80	REPLACEMENT OF 1 CNG TANK ON 1 SCHOOL BUS	WALNUT VALLEY UNIFIED SCHOOL DISTRICT	\$20,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20216	80	REPLACEMENT OF 2 CNG TANKS OF SCHOOL BUSES	GARDEN GROVE UNIFIED SCHOOL DISTRICT	\$40,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20217	80	REPLACEMENT OF 4 CNG TANKS ON SCHOOL BUSES	REDLANDS UNIFIED SCHOOL DISTRICT	\$80,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G20285	80	REPLACEMENT OF 1 CNG TANK ON 1 SCHOOL BUS	HUNTINGTON BEACH CITY SCHOOL DISTRICT	\$20,000.00	
44	MSRC	ML14097	23	INSTALL EV CHARGING STATIONS WITH AT LEAST 38 CHARGING PORTS	COUNTY OF LOS ANGELES	\$104,400.00	

DEPT ID		DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
44	MSRC		ML16126	23	INSTALL BICYCLE RACKS; CONDUCT OUTREACH AND EDUCATION	CITY OF PALM SPRINGS	\$40,000.00	
44	MSRC		ML18068	23	PROCURE LIGHT-DUTY ZEVS, INSTALL EV CHARGING STATIONS & EXPAND CNG STATIONS	CITY OF MISSION VIEJO	\$125,690.00	
44	MSRC		ML18082	23	PROCURE MEDIUM-DUTY ZERO-EMISSION VEHICLES AND INSTALL EV CHARGING STATIONS	CITY OF LOS ANGELES	\$900,000.00	
44	MSRC		ML18084	23	INSTALL 2 EV CHARGING STATIONS	CITY OF SOUTH EL MONTE	\$30,000.00	
44	MSRC		ML18089	23	PROCURE 1 HEAVY-DUTY NEAR-ZERO EMISSION VEHICLE	CITY OF GLENDORA	\$50,760.00	
44	MSRC		ML18094	23	INSTALL ELECTRIC VEHICLE CHARGING STATION	CITY OF LAGUNA WOODS	\$50,000.00	
44	MSRC		ML18096	23	PROCURE LIGHT-DUTY ZEV AND INSTALL EV CHARGING STATION	CITY OF HIGHLAND	\$70,210.00	
44	MSRC		ML18128	23	PURCHASE 2 LIGHT-DUTY ZERO EMISSION VEHICLES AND INSTALL 2 CHARGING STATIONS	CITY OF ALISO VIEJO	\$65,460.00	
44	MSRC		ML18135	23	PROCURE 3 LIGHT-DUTY ZERO EMISSION VEHICLE AND 1 HEAVY-DUTY NEAR-ZERO EMISSION VEHICLE	CITY OF AZUSA	\$55,000.00	
44	MSRC		ML18139	23	INSTALL BICYCLE LANE IMPROVEMENTS	CITY OF CALIMESA	\$50,000.00	
44	MSRC		ML18141	23	PROCURE ONE LIGHT-DUTY ZEV AND INSTALL TWO EV CHARGING STATIONS	CITY OF ROLLING HILLS ESTATES	\$40,000.00	
44	MSRC		ML18143	23	INSTALL 2 EV CHARGING STATIONS	CITY OF LA HABRA	\$80,700.00	
44	MSRC		ML18144	23	INSTALL 12 EV CHARGING STATIONS	CITY OF FONTANA	\$269,090.00	
44	MSRC		ML18145	23	PROCURE 11 HD ZERO EMISSION VEHICLES & PROVIDE TAXICAB INCENTIVES	CITY OF LOS ANGELES	\$1,400,000.00	
44	MSRC		ML18154	23	PROCURE TWO LIGHT-DUTY ZEV'S AND INSTALL EV CHARGING STATIONS	CITY OF HEMET	\$30,000.00	
44	MSRC		ML18155	23	INSTALL 3 LEVEL II TYPE EV CHARGING STATIONS	CITY OF CLAREMONT	\$50,000.00	
44	MSRC		ML18157	23	PROCURE 1 MEDIUM-DUTY ZERO EMISSION VEHICLE	CITY OF LOS ANGELES	\$85,000.00	
44	MSRC		ML18159	23	PROCURE 9 LIGHT-DUTY ZEV'S AND INSTALL EV CHARGING STATIONS	CITY OF RIALTO	\$135,980.00	
44	MSRC		ML18162	23	PROCURE 3 LIGHT-DUTY ZEVS AND INSTALL EV CHARGING STATIONS	CITY OF COSTA MESA	\$148,210.00	
44	MSRC		ML18169	23	INSTALL 12 EV CHARGING STATIONS	CITY OF ALHAMBRA	\$111,980.00	

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
44	MSRC	ML18170	23	PROCURE 2 LIGHT-DUTY ZEV'S AND INSTALL EV CHARGING STATIONS	CITY OF LAGUNA NIGUEL	\$85,100.00	
44	MSRC	ML18174	23	PROCURE 1 HEAVY-DUTY NEAR-ZERO EMISSION VEHICLE	CITY OF BELL	\$25,000.00	
44	MSRC	ML18178	23	PROCURE 1 HEAVY-DUTY NEAR-ZERO EMISSIONS VEHICLE	CITY OF LA PUENTE	\$25,000.00	
44	MSRC	MS16125	23	SIGNAL SYNCHRONIZATION UPGRADES	SAN BERNARDINO COUNTY TRANSPORTATION	\$1,000,000.00	
44	MSRC	MS18066	23	INSTALL LIMITED ACCESS CNG FUELING STATION	EL DORADO NATIONAL	\$100,000.00	
44	MSRC	MS18102	23	IMPLEMENT OCFLEX PILOT PROGRAM	ORANGE CO TRANSPORTATION AUTHORITY	\$1,146,000.00	
44	MSRC	MS18104	23	IMPLEMENT COLLEGE PASS PROGRAM	ORANGE CO TRANSPORTATION AUTHORITY	\$212,000.00	
44	MSRC	MS18106	23	EXPAND PUBLIC ACCESS CNG STATION AND TRAIN MECHANICS	RF DICKSON CO INC	\$265,000.00	
44	MSRC	MS18114	23	INSTALL LIMITED ACCESS CNG STATION	COUNTY OF LOS ANGELES	\$175,000.00	
44	MSRC	MS18116	23	INSTALL LIMITED ACCESS CNG FUELING STATION	COUNTY OF LOS ANGELES	\$175,000.00	
44	MSRC	MS18124	23	INSTALL CNG FUELING STATION	LOS ANGELES COUNTY SANITATION DISTRICTS	\$275,000.00	
44	MSRC	MS21001	23	IMPLEMENT SPECIAL TRANSIT SERVICE TO DODGER STADIUM	LOS ANGELES COUNTY METROPOLITAN	\$1,148,742.00	
44	MSRC	MS21002	23	PROVIDE PROGRAMMATIC SERVICES TO THE MSRC	BETTER WORLD GROUP ADVISORS	\$250,000.00	0
					Subtotal	\$125,577,045.00	
Com	petitive-Executive Officer App	roved					
16	ADMINISTRATIVE & HUMAN RESOURCES	C19396	01	WORKER'S COMPENSATION CLAIMS THIRD-PARTY ADMINISTRATOR	ADMINSURE, INC	\$63,480.00	
16	ADMINISTRATIVE & HUMAN RESOURCES	C20133	01	CAFETERIA CABINET RELAMINATION PROJECT AT SOUTH COAST AQMD	THOMAS HUGHES	\$58,800.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20160	01	2020 MARTIN LUTHER KING DAY OF SERVICE CATERING SERVICES	ALLEGRO CATERING AND EVENT PLANNING	\$30,000.00	

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
16	ADMINISTRATIVE & HUMAN RESOURCES	C20226	01	ROOF MAINTENANCE AND REPAIRS AT SOUTH COAST AQMD	JEMSTAR, INC.	\$39,927.00	
16	ADMINISTRATIVE & HUMAN RESOURCES	C20227	01	ROOF HATCH REPLACEMENT AT SOUTH COAST AQMD	JEMSTAR, INC.	\$37,297.00	
					Subtotal	\$229,504.00	
Sole	Source - Board Approved						
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19191	31	DEVELOPMENT OF SOFC-GT HYBRID TECHNOLOGY	UNIVERSITY OF CALIFORNIA - IRVINE	\$200,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19208	31	CONDUCT EMISSION STUDY ON USE OF ALTERNATIVE DIESEL BLENDS IN OFF-ROAD HEAVY DUTY ENGINES	UNIVERSITY OF CALIFORNIA RIVERSIDE	\$261,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19290	67	DATA COLLECTION, ANALYSIS AND REPORT FOR CARB'S ZANZEFF PROJECT	UNIVERSITY OF CALIFORNIA RIVERSIDE	\$836,258.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19304	75	INSTALLATION AND MAINTENANCE OF AIR FILTRATION SYSTEMS IN SCHOOLS	IQAIR NORTH AMERICA, INC.	\$153,284.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19307	38,69	INSTALL AIR FILTRATION SYSTEMS IN SCHOOLS	IQAIR NORTH AMERICA, INC.	\$1,489,598.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19344	54	DEMONSTRATION OF RETROFITTING THE DUPLEX LOW NOX COMBUSTION TECHNOLOGY ON A NATURAL GASFIRED CRUDE OIL HEATER	CLEARSIGN COMBUSTION CORPORATION	\$220,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19439	31	NATURAL GAS ENGINE AND VEHICLES RESEARCH AND DEVELOPMENT	CUMMINS POWER GENERATION INC	\$250,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C19448	46	COMMUNITY LEADERSHIP AND ENGAGEMENT PROGRAM	CORDOBA CORPORATION	\$150,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C19449	46	COMMUNITY LEADERSHIP AND ENGAGEMENT PROGRAM	BAKEWELL MEDIA OF LA	\$150,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20038	31	EXPANSION OF THE UCI HYDROGEN REFUELING STATION	UNIVERSITY OF CALIFORNIA - IRVINE	\$400,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20071	75	INSTALL AIR FILTRATION SYSTEMS IN SCHOOLS	IQAIR NORTH AMERICA, INC.	\$159,569.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20088	31	PARTICIPATE IN CAFCP FOR CALENDAR YEAR 2019 & PROVIDE SUPPORT FOR REGIONAL COORDINATOR	FRONTIER ENERGY INC	\$120,000.00	

DEPT	DEPT NAME	CONTRACT	FUND	DESCRIPTION	VENDOR NAME	CONTRACT	FOOT
ID 44	SCIENCE & TECHNOLOGY ADVANCEMENT	NUMBER C20097	31	OPERATE, MAINTAIN AND NETWORK THE EV CHARGERS	GREENLOTS	AMOUNT \$155,664.00	NOTE
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20119	01	DEVELOP AND VALIDATE CALIBRATION PROCEDURES FOR AQY SENSORS	AEROQUAL INC	\$50,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20122	31	DEVELOP, DEMONSTRATE AND COMMERCIALIZE NEAR- ZERO NATURAL GAS AND PROPANE CONVERSION SYSTEMS FOR ON-ROAD MEDIUM-DUTY VEHICLES	LANDI RENZO USA CORPORATION	\$600,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20125	31	DEVELOP AND DEMONSTRATE BATTERY-ELECTRIC MEDIUM-DUTY TRUCK	ROUSH CLEANTECH LLC	\$937,500.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20128	31	MERCEDES BENZ EV CHARGER DISBURSEMENT	COUNTY OF SAN BERNARDINO	\$0.00	1
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20129	31	MERCEDES BENZ EV CHARGER DISBURSEMENT	SAN BERNARDINO COUNTY	\$0.00	1
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20154	40	COSPONSOR 2020 RENEWABLE GAS 360 SYMPOSIUM	GLADSTEIN, NEANDROSS & ASSOCIATES	\$10,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20161	40	CNGVP WEBSITE MAINTENANCE AND COMMUNICATIONS STRATEGY	GLADSTEIN, NEANDROSS & ASSOCIATES	\$70,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20182	75	INSTALLATION AND MAINTENANCE OF AIR FILTRATION SYSTEMS IN SCHOOLS	IQAIR NORTH AMERICA, INC.	\$85,500.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20205	75	INSTALLATION AND MAINTENANCE OF AIR FILTRATION SYSTEMS IN SCHOOLS	IQAIR NORTH AMERICA, INC.	\$95,000.00	
					Subtotal	\$6,393,373.00	
Sole	Source - Executive Officer App	roved					
35	LEGISLATIVE & PUBLIC AFFAIRS	C20024	01	ORANGE COUNTY FAITH BASED OUTREACH	FRUITION CONSULTING LLC	\$25,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20029	01	LOS ANGELES INTERAGENCY TASK FORCE MEETING - SEPTEMBER 25, 2019	CALIFORNIA COMMUNITY FOUNDATION	\$775.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20034	01	MEDIA SOFTWARE AGREEMENT FOR MONITORING AND DISSEMINATION OF MEDIA INFORMATION RELATED TO SOUTH COAST AQMD MISSION.	CISION US INC	\$17,000.00	

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
35	LEGISLATIVE & PUBLIC AFFAIRS	C20049	01	ENVIRONMENTAL JUSTICE CONFERENCE - VENUE SETUP/RENTAL	LEVY PREMIUM FOODSERVICE PARTNERSHIP	\$800.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20054	01	LEASE 1 2019 HYUNDAI KONA EV	PUENTE HILLS HYUNDAI	\$29,639.60	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20064	01	PROVIDE LIVESCAN CERTIFICATION SERVICES	RISK CONTROL STRATEGIES, INC.	\$5,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20066	01	5TH ANNUAL ENVIRONMENTAL JUSTICE CONFERENCE	YOUTH LEADERSHIP INSTITUTE	\$900.00	
26	PLANNING RULE DEV & AREA SOURCES	C20078	01	SOUTH COAST AQMD PARTNERSHIP WITH CANSAC- CEFA	DESERT RESEARCH INSTITUTE	\$10,000.00	
80	LEGAL	C20081	01	PROVIDE LEGAL ADVICE FOR STATE CONTROLLER AUDIT	PROSKAUER ROSE LLP	\$75,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20082	01	PROVIDE AUDIO/VISUAL SERVICES AT THE 2019 CLEAN AIR AWARDS EVENT	AUDIO VISUAL SERVICES GROUP DBA PSAV	\$5,000.00	
16	ADMINISTRATIVE & HUMAN RESOURCES	C20083	01	SUBLEASE OF SACRAMENTO OFFICE - CALENDAR YEAR 2019 AMOUNT ONLY	BAY AREA AIR QUALITY MANAGEMENT DISTRICT	\$60,091.56	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20087	01	MEDIA RELATIONS CONSULTING SERVICES	BERNARD C. PARKS, JR.	\$75,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20089	01	MUSICAL ENTERTAINMENT SERVICES FOR 31ST ANNUAL CLEAN AIR AWARDS	LOS ANGELES UNIFIED SCHOOL DISTRICT	\$400.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20090	01	OUTREACH TO AB 617 COMMUNITIES	BREATHE CALIFORNIA OF LOS ANGELES COUNTY	\$75,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20094	01	NOVEMBER 7, 2019 FAITH BASED LEADERS BREAKFAST VENUE RENTAL	DELHI CENTER	\$1,700.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20095	01	SOUTH COAST AQMD MARTIN LUTHER KING JR. DAY OF SERVICE VENUE	CALIFORNIA SCIENCE CENTER FOUNDATION	\$5,600.00	
26	PLANNING RULE DEV & AREA SOURCES	C20096	01	PUBLIC NOTIFICATION MEETING FOR KIRKHILL, INC. VENUE FEE	BREA OLINDA UNIFIED SCHOOL DISTRICT	\$540.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20101	01	FAITH-BASED OUTREACH AND EVENT ORGANIZATION	GENESIS 1 CONSULTING GROUP	\$75,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20106	01	CATERING FOR AB617 COMMUNITY STEERING COMMITTEE MEETING ON 10/23/2019	CHOURA VENUE SERVICES	\$887.68	

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
35	LEGISLATIVE & PUBLIC AFFAIRS	C20115	01	LEGISLATIVE REPRESENTATION IN SACRAMENTO IN SUPPORT OF SOUTH COAST AQMD'S LEGISLATIVE AGENDA	CAMPBELL STRATEGY & ADVOCACY	\$75,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20116	01	VENUE FOR NOVEMBER 14, 2019 CITY TERRACE COMMUNITY MEETING - COGEN LANDFILL	COUNTY OF LOS ANGELES	\$500.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20118	01	LOS ANGELES -COUNTY CITIES EDUCATION PROGRAM ON BENEFITS OF CLEAN AIR BILL OUTREACH SERVICES	G ADVISORS LLC	\$75,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20120	01	CARB AND SOUTH COAST AQMD RAIL YARDS MEETING AT SALESIAN HIGH SCHOOL	ROMAN CATHOLIC ARCHBISHOP OF LOS ANGELES	\$1,200.00	
08	LEGAL	C20127	01	COUNSEL; NHTSA DISTRICT COURT LITIGATION	SLOVER & LOFTUS	\$25,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20134	01	LOS ANGELES INTERAGENCY TASK FORCE MEETING VENUE	CALIFORNIA COMMUNITY FOUNDATION	\$500.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20135	01	VENUE FOR RULE 1180 COMMUNITY MEETING	CITY OF EL SEGUNDO	\$1,010.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20136	01	COMMERCIAL ELECTRIC LAWN AND GARDEN EQUIPMENT EXCHANGE PROGRAM SUPPORT AND OUTREACH	AMERICAN GREEN ZONE ALLIANCE (AGZA)	\$74,500.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20141	01	VENUE RENTALS FOR COACHELLA AB617 MEETINGS	CITY OF COACHELLA	\$2,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20146	01	HUNTINGTON PARK AB617 MEETING VENUE	CITY OF HUNTINGTON PARK	\$0.00	1
35	LEGISLATIVE & PUBLIC AFFAIRS	C20147	01	MARTIN LUTHER KING JR. DAY OF SERVICE WHEELCHAIR SERVICES	CRCD ENTERPRISES	\$1,300.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20148	01	AB 2588 MEETING VENUE FOR JANUARY 29 2020	BENEVOLENT&PROTECTIVE ORDER OF ELKS#1804	\$1,600.00	
80	LEGAL	C20150	01	CALIFORNIA EMISSIONS ESTIMATOR MODEL (CALEEMOD)	FRANKFURT KURNIT KLEIN & SELZ, PC	\$10,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20152	01	CAPITOL TRACK 2020 SUBSCRIPTION	WAVELENGTH AUTOMATION INC	\$2,328.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20156	01	7TH ANNUAL MLK DAY OF SERVICE FORUM ENTERTAINMENT SERVICES	GREGORY JONES	\$1,000.00	

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
35	LEGISLATIVE & PUBLIC AFFAIRS	C20157	01	7TH ANNUAL MLK DAY OF SERVICE FORUM TELEPROMPTER SERVICES	VICTORIA M. MCCULLOUGH	\$1,700.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20163	01	TECHNICAL ASSISTANCE WITH IMPLEMENTATION AND OUTREACH SUPPORT FOR CALIFORNIA VW MITIGATION TRUST FUND	GLADSTEIN, NEANDROSS & ASSOCIATES	\$26,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20173	01	LOS ANGELES INTERAGENCY TASK FORCE MEETING VENUE	CALIFORNIA COMMUNITY FOUNDATION	\$350.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20174	01	SOUTH COAST AQMD EXECUTIVE RETREAT VENUE	CITY OF INDUSTRY,CNC EQUESTRIAN MGMT SVC	\$800.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20177	01	2020 CESAR CHAVEZ DAY OF REMBRANCE VENUE	OFFICE OF EXPOSITION PARK MANAGEMENT	\$5,400.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20189	01	2020 CESAR CHAVEZ DAY OF REMEMBRANCE - WHEELCHAIR SERVICES	CRCD ENTERPRISES	\$1,200.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20197	01	VENUE IN WEST COVINA FOR AB 2588 MEETING	ROWLAND UNIFIED SCHOOL DISTRICT	\$600.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20219	01	MAY 14, 2020 AB617 MEETING VENUE SERVICES	CITY OF CARSON	\$1,200.00	
16	ADMINISTRATIVE & HUMAN RESOURCES	C20337	01	HARASSMENT PREVENTION TRAINING	KANTOLA TRAINING SOLUTIONS	\$9,707.00	
					Subtotal	\$781,228.84	
II. O	THER						
	d Assistant			A			
	d Administrative Committee R	=				44.00	
	GOVERNING BOARD	C20000	01	BOARD ASSISTANT SERVICES FOR BEN BENOIT	THOMAS ALAN GROSS	\$1.00	
02	GOVERNING BOARD	C20001	01	BOARD ASSISTANT SERVICES FOR BEN BENOIT	RUTHANNE TAYLOR BERGER	\$86,000.00	
02	GOVERNING BOARD	C20002	01	BOARD ASSISTANT SERVICES FOR DR. WILLIAM A. BURKE	P & L CONSULTING, LLC	\$118,872.00	
02	GOVERNING BOARD	C20004	01	BOARD ASSISTANT SERVICES FOR MICHAEL CACCIOTTI	FRANK CARDENAS AND ASSOCIATES	\$7,320.00	
02	GOVERNING BOARD	C20005	01	BOARD ASSISTANT SERVICES FOR JOE BUSCAINO	JACOB LEE HAIK	\$64,337.00	
02	GOVERNING BOARD	C20006	01	BOARD ASSISTANT SERVICES FOR LISA BARTLETT	JAMES DAVID DINWIDDIE III	\$44,734.00	
02	GOVERNING BOARD	C20007	01	BOARD ASSISTANT SERVICES FOR BEN BENOIT	CITY OF WILDOMAR	\$32,872.00	
02	GOVERNING BOARD	C20008	01	BOARD ASSISTANT SERVICES MICHAEL CACCIOTTI	SHO TAY	\$6,750.00	

DEPT	DEPT NAME	CONTRACT	FUND	DESCRIPTION	VENDOR NAME	CONTRACT	FOOT
1 D 02	GOVERNING BOARD	C20009	O1	BOARD ASSISTANT SERVICES FOR MICHAEL CACCIOTTI	TIMOTHY PHILLIP SANDOVAL	AMOUNT \$11,484.00	NOTE
02	GOVERNING BOARD	C20010	01	BOARD ASSISTANT SERVICES FOR MICHAEL CACCIOTTI	WILLIAM GLAZIER	\$7,320.00	
02	GOVERNING BOARD	C20011	01	BOARD ASSISTANT SERVICES FOR VANESSA DELGADO	MARIA TERESA ACOSTA	\$30,000.00	
02	GOVERNING BOARD	C20012	01	BOARD ASSISTANT SERVICES FOR MICHAEL CACCIOTTI	BENJAMIN S WONG	\$6,750.00	
02	GOVERNING BOARD	C20013	01	BOARD ASSISTANT SERVICES FOR JANICE HAHN	DIANE MOSS	\$42,724.00	
02	GOVERNING BOARD	C20014	01	BOARD ASSISTANT SERVICES FOR VANESSA DELGADO	CRISTIAN RIESGO	\$3,252.00	
02	GOVERNING BOARD	C20015	01	BOARD ASSISTANT SERVICES FOR VANESSA DELGADO	SANDRA HERNANDEZ	\$15,000.00	
02	GOVERNING BOARD	C20016	01	BOARD ASSISTANT SERVICES FOR V. MANUEL PEREZ	GUILLERMO GONZALEZ	\$74,389.00	
02	GOVERNING BOARD	C20017	01	BOARD ASSISTANT SERVICES FOR JUDITH MITCHELL	MARISA KRISTINE PEREZ	\$65,496.96	
02	GOVERNING BOARD	C20018	01	BOARD ASSISTANT SERVICES FOR LARRY MCCALLON	RONALD KETCHAM	\$39,624.00	
02	GOVERNING BOARD	C20019	01	BOARD ASSISTANT SERVICES FOR JANICE RUTHERFORD	COUNTY OF SAN BERNARDINO	\$64,337.00	
02	GOVERNING BOARD	C20020	01	BOARD ASSISTANT SERVICES FOR JANICE RUTHERFORD	COUNTY OF SAN BERNARDINO	\$1.00	
02	GOVERNING BOARD	C20021	01	BOARD ASSISTANT SERVICES FOR DWIGHT ROBINSON	MATTHEW AUGUST HOLDER	\$39,624.00	
02	GOVERNING BOARD	C20043	01	BOARD ASSISTANT SERVICES FOR JANICE HAHN	COUNTY OF LOS ANGELES	\$39,163.67	
02	GOVERNING BOARD	C20164	01	PROVIDE BOARD ASSISTANT SERVICES TO JUDITH MITCHELL	FREDRICK MINASSIAN	\$31,135.44	
02	GOVERNING BOARD	C20175	01	BOARD ASSISTANT SERVICES FOR KATHRYN BARGER	COUNTY OF LOS ANGELES	\$19,812.00	
02	GOVERNING BOARD	C20176	01	BOARD ASSISTANT SERVICES FOR CARLOS RODRIGUEZ	MATTHEW AUGUST HOLDER	\$16,510.00	
02	GOVERNING BOARD	C20214	01	BOARD ASSISTANT SERVICES FOR BEN BENOIT	TRICIA ALMIRON	\$4,562.50	

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
02	GOVERNING BOARD	C20215	01	BOARD ASSISTANT SERVICES FOR JANICE RUTHERFORD	ANDREW E SILVA	\$8,676.47	
					Subtotal	\$880,748.04	
Othe	r - Executive Officer Approved	d					
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19336	01	LICENSE AGREEMENT FOR TEMPORARY AIR MONITORING STATION	CITY OF LOS ANGELES	\$0.00	9
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19349	01	AIR MONITORING STATION LICENSE AGREEMENT	500 SOUTH 7TH AVENUE LLC	\$12,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19426	01	ACCESS LICENSE AGREEMENT FOR AIR MONITORING STATION	LOS ANGELES UNIFIED SCHOOL DISTRICT	\$0.00	9
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19430	01	AIR MONITORING STATION LICENSE AGREEMENT	CITY OF LONG BEACH	\$70,200.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20079	01	AIR MONITORING STATION LICENSE AGREEMENT	PARAMOUNT UNIFIED SCHOOL DISTRICT	\$0.00	9
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20091	01	AIR MONITORING STATION LICENSE AGREEMENT	LOS ANGELES COUNTY FIRE DEPARTMENT	\$500.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20102	01	AIR MONITORING STATION LICENSE AGREEMENT	JUDSON BAPTIST CHURCH	\$6,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20103	01	AIR MONITORING STATION LICENSE AGREEMENT	ST. LUKE HOLY BAPTIST CHURCH	\$6,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20130	01	AIR MONITOR LICENSE AGREEMENT PORT OF LONG BEACH	PORT OF LONG BEACH	\$6,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20131	01	AIR MONITORING STATION LICENSE AGREEMENT - WILMINGTON	FIRST UNITED METHODIST CHURCH	\$6,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20137	01	AIR MONITORING STATION LICENSE AGREEMENT	LEEWARD BAY MARINA	\$3,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20145	01	AIR MONITORING STATION LICENSE AGREEMENT	LOS ANGELES UNIFIED SCHOOL DISTRICT	\$0.00	9
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20153	01	AIR MONITORING STATION LICENSE AGREEMENT	MANHATTAN BEACH UNIFIED SCHOOL DISTRICT	\$25,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20167	01	AIR MONITORING STATION LICENSE AGREEMENT	MOUNT ST. MARY'S COLLEGE	\$0.00	9

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE					
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20190	01	AIR MONITORING STATION LICENSE AGREEMENT	CITY OF TORRANCE	\$3,000.00	NOTE					
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20211	01	AIR MONITORING STATION LICENSE AGREEMENT	ST ANTHONY CHURCH	\$36,000.00						
					Subtotal	\$173,700.00						
III. SPONSORSHIPS												
Spor	nsorship -Executive Officer App	proved										
35	LEGISLATIVE & PUBLIC AFFAIRS	C19457	01	COSPONSOR 2019 JAZZ AT ST. ANDREWS FESTIVAL	LOS ANGELES BROTHERHOOD CRUSADE	\$5,000.00						
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20022	01	COSPONSOR THE 2020 AIR SENSORS INTERNATIONAL CONFERENCE	UNIVERSITY OF CALIFORNIA- DAVIS	\$50,000.00						
35	LEGISLATIVE & PUBLIC AFFAIRS	C20028	01	THE LATINA PUBLIC SERVICE ACADEMY'S ANNUAL SUMMER FUNDRAISING RECEPTION	THE LATINA PUBLIC SERVICE ACADEMY	\$1,000.00						
35	LEGISLATIVE & PUBLIC AFFAIRS	C20035	01	COSPONSOR SBCC 7TH ANNUAL THRIVING TOGETHER BENEFIT	SOUTH BAY CENTER FOR COUNSELING	\$2,000.00						
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20036	01	SPONSOR THE CAFCP 20TH ANNIVERSARY EVENT	FRONTIER ENERGY INC	\$10,000.00						
35	LEGISLATIVE & PUBLIC AFFAIRS	C20042	01	SPONSOR 7TH ANNUAL RENDEZVOUS BACK TO ROUTE 66	SAN BERNARDINO AREA CHAMBER OF COMMERCE	\$2,500.00						
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20046	01	SPONSOR THE RADLAUNCH PROGRAM	RADTECH INTERNATIONAL NORTH AMERICA,INC.	\$5,000.00						
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20053	01	COSPONSOR THE 2019 SOCAL WORK TRUCK SHOW	MOTOR TREND GROUP, LLC	\$20,000.00						
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20055	01	COSPONSOR THE LOS ANGELES NATIONAL DRIVE ELECTRIC WEEK 2019 EVENT "CHARGE UP LA"	PLUG IN AMERICA	\$1,800.00						
35	LEGISLATIVE & PUBLIC AFFAIRS	C20060	01	2019 LEGACY LA 2ND ANNUAL GALA SPONSORSHIP	LEGACY LA YOUTH DEVELOPMENT CORP.	\$10,000.00						
35	LEGISLATIVE & PUBLIC AFFAIRS	C20067	01	CRUISIN' REUNION SPONSORSHIP	ROUTE 66 REUNION	\$5,000.00						
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20069	01	COSPONSOR 2019 RIVERSIDE AND SANTA MONICA ALTCAR EXPO & CONFERENCE	PLATIA PRODUCTIONS	\$21,000.00						
35	LEGISLATIVE & PUBLIC AFFAIRS	C20077	01	14TH ANNUAL TASTE OF SOUL 2019 FAMILY FESTIVAL	LOS ANGELES SENTINEL, INC	\$50,000.00						

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
35	LEGISLATIVE & PUBLIC AFFAIRS	C20080	01	DELHI CENTER 50TH ANNIVERSARY EVENT SPONSORSHIP - LA EPOCA DE ORO	DELHI CENTER	\$2,500.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20098	01	COSPONSOR THE 30TH REAL WORLD EMISSIONS WORKSHOP	COORDINATING RESEARCH COUNCIL INC	\$5,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20099	01	COSPONSOR CALETC 2019 LOS ANGELES AUTO SHOW EVENTS	CALIFORNIA ELECTRIC TRANSPO. COALITION	\$8,500.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20104	01	COSPONSOR 2020 RENEWABLE GAS 360 SYMPOSIUM	GLADSTEIN, NEANDROSS & ASSOCIATES	\$25,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20111	01	COSPONSOR 21ST ANNUAL GENERAL ASSEMBLY	SOUTH BAY CITIES	\$2,500.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20113	01	SPONSOR COMITE CIVICO DEL VALLE ENVIRONMENTAL HEALTH LEADERSHIP SUMMIT	COMITE CIVICO DEL VALLE, INC	\$2,500.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20143	01	STEA2M FAIR 2020 EXHIBIT SPONSOR	LOS ANGELES COUNTY FAIR ASSOCIATION	\$1,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20144	01	SPONSOR CALIFORNIA SAFE SCHOOLS "YOUR LIFE IS NOW" ENVIRONMENTAL HEALTH SUMMIT	COMMUNITY PARTNERS	\$3,000.00	
26	PLANNING RULE DEV & AREA SOURCES	C20195	01	COSPONSOR THE NET ZERO 2020 CONFERENCE	VERDICAL GROUP LLC	\$1,800.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20196	01	CO-SPONSOR THE 2020 PORTABLE EMISSIONS MEASUREMENT SYSTEMS CONFERENCE	UNIVERSITY OF CALIFORNIA RIVERSIDE	\$10,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20264	01	CO-SPONSOR CALSTART'S 2030 CALIFORNIA TRANSPORTATION FUTURE SUMMIT	CALSTART, INC	\$5,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C20291	01	CO-SPONSORSHIP OF 6TH ANNUAL ENVIRONMENTAL HEALTH AND EJ ENFORCEMENT SYMPOSIUM	DEL AMO ACTION COMMITTEE	\$2,500.00	

DEPT ID		CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
	ODIFICATIONS						
	d Approved SCIENCE & TECHNOLOGY ADVANCEMENT	C12376	31	TECHNICAL ASSISTANCE FOR AIR POLLUTION FORMATION AND CONTROL, ADVANCED TRANSPORTATION TECHNOLOGIES AND SYSTEMS, EMISSIONS MEASUREMENTS AND ANALYSIS, ALTERNATIVE FUEL TECHNOLOGIES, SUSTAINABLE ENERGY SYSTEMS, AND OFF-ROAD VEHICLES AND EQUIPMENT	UNIVERSITY OF CALIFORNIA, RIVERSIDE	\$150,000.00	
08	LEGAL	C12702	01	LEGAL ADVICE FOR LAWSUITS AND ADMINISTRATIVE PROCEEDINGS	SHUTE MIHALY & WEINBERGER LLP	\$25,000.00	
08	LEGAL	C12702	01	LEGAL ADVICE FOR LAWSUITS AND ADMINISTRATIVE PROCEEDINGS	SHUTE MIHALY & WEINBERGER LLP	\$110,000.00	
04	FINANCE	C14150	57	CITY OF EL MONTE LAMBERT PARK PROJECT	CITY OF EL MONTE	\$4,862.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C14184	31	DC FAST CHARGING NETWORK PROVIDER	CLEAN FUEL CONNECTION INC	\$40,000.00	
08	LEGAL	C14191	01	PROVIDE LEGAL SERVICES CONCERNING EXIDE BANKRUPTCY PROCEEDINGS	KLEE, TUCHIN, BOGDANOFF & STERN LLP	\$200,000.00	
08	LEGAL	C14191	01	PROVIDE LEGAL SERVICES CONCERNING EXIDE BANKRUPTCY PROCEEDINGS	KLEE, TUCHIN, BOGDANOFF & STERN LLP	\$230,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C15541	56	ENHANCED FLEET MODERNIZATION PROGRAM	FOUNDATION FOR CALIF COMMUNITY COLLEGES	\$300,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C16056	80,17	REPLACEMENT OF 10 AND PURCHASE 1 DIESEL LOCOMOTIVE	SO CALIFORNIA REGIONAL RAIL AUTHORITY	\$9,000,000.00	
08	LEGAL	C16063	01	SPECIALIZED LEGAL SERVICES	HOGAN LOVELLS US LLP	\$35,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C16181	80	ONLINE APPLICATION SYSTEM FOR CARL MOYER PROGRAM	TRINITY TECHNOLOGY GROUP, INC.	\$90,000.00	
08	LEGAL	C16392	01	LEGAL ADVICE AND REPRESENTATION FOR SO CAL GAS LITIGATION	HALPERN MAY YBARRA GELBERG LLP	\$110,000.00	
16	ADMINISTRATIVE & HUMAN RESOURCES	C17079	01	SOUTH COAST AQMD FIELD OFFICE LEASE	CRC MANAGEMENT LLC	\$1,928,561.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17207	67	DEVELOPMENT AND DEMONSTRATION OF UP TO 12 CLASS 8 BATTERY ELECTRIC DRAYAGE TRUCKS	PETERBILT MOTORS	\$76,000.00	

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44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17310	76	BIOSOLIDS TO TRANSPORTATION FUEL-GRADE RENEWABLE NATURAL GAS (RNG) PRE- COMMERCIALIZATION OPTIMIZATION AND RESEARCH PROJECT	KORE INFRASTRUCTURE, LLC	\$0.00	6
80	LEGAL	C18104	01	PROVIDE EMPLOYMENT AND LABOR LAW SERVICES	FISHER & PHILLIPS, LLP	\$50,000.00	
80	LEGAL	C18114	01	PROVIDE ENVIRONMENTAL LAW SERVICES	WOODRUFF SPRADLIN & SMART	\$110,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C18137	01	SACRAMENTO LEGISLTATIVE REPRESENTATION	QUINTANA, WATTS & HARTMANN LLC	\$143,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C18138	01	SACRAMENTO LEGISLATIVE REPRESENTATION	CALIFORNIA ADVISORS LLC	\$39,500.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C18138	01	SACRAMENTO LEGISLATIVE REPRESENTATION	CALIFORNIA ADVISORS LLC	\$143,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C18139	01	STRATEGIC CONSULTING SERVICES FOR LEGISLATION REPRESENTATION IN SACRAMENTO, CALIFORNIA	JOE A GONSALVES & SON	\$143,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18193	02	EMERGING ENERGY EFFICIENT TECHNOLOGY DEMONSTRATIONS AT SOUTH COAST AQMD HEADQUARTERS	WILLDAN LIGHTING & ELECTRIC OF CALIFORNIA	\$665,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18240	56	PROVIDE TECHNICAL ASSISTANCE TO THE ENHANCED FLEET MODERNIZATION PROGRAM	CLEAN FUEL CONNECTION INC	\$350,000.00	
27	INFORMATION MANAGEMENT	C18247	01	SHORT AND LONG-TERM SYSTEMS DEVELOPMENT, MAINTENANCE AND SUPPORT SERVICES	SIERRA CYBERNETICS INC	\$155,000.00	
27	INFORMATION MANAGEMENT	C18247	01	SHORT AND LONG-TERM SYSTEMS DEVELOPMENT, MAINTENANCE AND SUPPORT SERVICES	SIERRA CYBERNETICS INC	\$258,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18286	27,17	PROVIDE LAWN AND GARDEN EQUIPMENT FOR INCENTIVE EXCHANGE PROGRAM	PACIFIC STIHL	\$844,206.83	
27	INFORMATION MANAGEMENT	C18288	01	SHORT- AND LONG-TERM SYSTEMS DEVELOPMENT, MAINTENANCE AND SUPPORT SERVICES	VARSUN ETECHNOLOGIES GROUP, INC	\$380,500.00	

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27	INFORMATION MANAGEMENT	C18288	01	SHORT- AND LONG-TERM SYSTEMS DEVELOPMENT, MAINTENANCE AND SUPPORT SERVICES	VARSUN ETECHNOLOGIES GROUP, INC	\$710,000.00	NOTE
27	INFORMATION MANAGEMENT	C18292	01	SHORT- AND LONG-TERM SYSTEMS DEVELOPMENT, MAINTENANCE AND SUPPORT SERVICES	PRELUDE SYSTEMS, INC.	\$265,000.00	
27	INFORMATION MANAGEMENT	C18292	01	SHORT- AND LONG-TERM SYSTEMS DEVELOPMENT, MAINTENANCE AND SUPPORT SERVICES	PRELUDE SYSTEMS, INC.	\$275,800.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19023	17	COMMERCIAL LAWN AND GARDEN EQUIPMENT INCENTIVE AND EXCHANGE PROGRAM WITHIN EJ AREAS	GOLDEN EAGLE DISTRIBUTING CORPORATION	\$275,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19027	17	COMMERCIAL LAWN AND GARDEN EQUIPMENT INCENTIVE AND EXCHANGE PROGRAM WITHIN EJ AREAS	MAKITA U.S.A., INC.	\$400,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19035	77	REPLACEMENT OF 3 OFF-ROAD AGRICULTURAL EQUIPMENT	SCOTT BROS. DAIRY FARMS	\$66,497.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19078	67	TECHNICAL ASSISTANCE WITH ALT FUELS, EVS, CHARGING AND FUELING INFRASTRUCTURE AND RENEWABLE ENERGY	CLEAN FUEL CONNECTION INC	\$161,800.00	
27	INFORMATION MANAGEMENT	C19156	01	SHORT AND LONG-TERM SYSTEMS DEVELOPMENT, MAINTENANCE AND SUPPORT SERVICES	AGREEYA SOLUTIONS, INC	\$60,000.00	
08	LEGAL	C19158	01	CONSULTING EXPERT ON MODIFIED HYDROFLUORIC ACID (MHF)	PETROTECH CONSULTANTS LLC	\$30,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C19215	01	WASHINGTON DC LEGISLATIVE REPRESENTATION	CARMEN GROUP, INC	\$222,090.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C19216	01	WASHINGTON DC LEGISLATIVE REPRESENTATION	CASSIDY & ASSOCIATES, INC	\$216,000.00	
08	LEGAL	C19229	01	LEGAL ADVICE IN RELATION TO LEGISLATIVE AUTHORITY TO ADOPT A SALES TAX	KAUFMAN LEGAL GROUP, A PROFESSIONAL CORP	\$30,000.00	
35	LEGISLATIVE & PUBLIC AFFAIRS	C19303	01	CONSULTANT SERVICES FOR SOUTH COAST AQMD ENVIRONMENTAL JUSTICE OUTREACH AND INITIATIVES	LEE ANDREWS GROUP INC	\$160,000.00	

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44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19322	01	PROVIDE TECHNICAL SUPPORT FOR THE SOUTH COAST AQMD UPPER AIR METEOROLOGICAL MONITORING NETWORK	SONOMA TECHNOLOGY INC	\$40,000.00	11012
35	LEGISLATIVE & PUBLIC AFFAIRS	C19338	46	CONSULTANT SERVICES FOR SOUTH COAST AQMD HIGH SCHOOL AIR QUALITY EDUCATIONAL PROGRAM	LEE ANDREWS GROUP INC	\$500,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19356	32	REPOWER 17 ENGINES OF AGRICULTURAL EQUIPMENT	PEED EQUIPMENT COMPANY	\$2,105,294.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19356	32	REPOWER 17 ENGINES OF AGRICULTURAL EQUIPMENT	PEED EQUIPMENT COMPANY	\$2,513,921.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19414	32	REPLACEMENT OF 2 OFF-ROAD EQUIPMENT	RRM PROPERTIES, LTD	\$179,687.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19416	77	REPLACEMENT OF 3 OFF-ROAD AGRICULTURAL EQUIPMENT	DESERT EMPIRE PALMS	\$138,385.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19456	32	REPLACEMENT OF 13 OFF-ROAD EQUIPMENT	LONG LIFE FARMS INC.	\$54,155.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19466	32	REPLACEMENT OF 1 OFF-ROAD AGRICULTURAL EQUIPMENT	STEPHEN WESSELINK FARMS INC	\$110,197.00	
08	LEGAL	C20081	01	PROVIDE LEGAL ADVICE FOR STATE CONTROLLER AUDIT	PROSKAUER ROSE LLP	\$150,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18338	80	ALTERNATIVE FUEL SCHOOL BUS REPLACEMENT PROGRAM	ANAHEIM ELEMENTARY SCHOOL DISTRICT	\$348,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18339	80	LOWER-EMISSION SCHOOL BUS REPLACEMENT INCENTIVE PROGRAM	ANAHEIM UNION HIGH SCHOOL DISTRICT	\$390,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18353	80	PURCHASE 15 PROPANE SCHOOL BUSES WITH FIRE SUPPRESSION SYSTEMS AND ASSOCIATED INFRASTRUCTURE	GARDEN GROVE UNIFIED SCHOOL DISTRICT	\$390,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18357	80	ALTERNATIVE FUEL SCHOOL BUS REPLACEMENT PROGRAM	LA HABRA CITY SCHOOL DISTRICT	\$26,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18359	80	PURCHASE 1 PROPANE SCHOOL BUS WITH FIRE SUPPRESSION SYSTEM	NEWHALL SCHOOL DISTRICT	\$4,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18366	80	LOWER-EMISSION SCHOOL BUS REPLACEMENT INCENTIVE PROGRAM	REDLANDS UNIFIED SCHOOL DISTRICT	\$176,000.00	

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44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18372	80	ALTERNATIVE FUEL SCHOOL BUS REPLACEMENT PROGRAM	SAVANNA SCHOOL DISTRICT	\$4,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18376	80	ALTERNATIVE SCHOOL BUS REPLACEMENT PROGRAM	WEST COVINA UNIFIED SCHOOL DISTRICT	\$26,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18377	80	LOWER-EMISSION SCHOOL BUS REPLACEMENT INCENTIVE PROGRAM	WESTMINSTER SCHOOL DISTRICT	\$8,000.00	
44	MSRC	ML12091	23	INSTALL EV CHARGING STATIONS	CITY OF BELLFLOWER	\$0.00	6
44	MSRC	ML18163	23	PROCURE 3 LIGHT-DUTY ZEVS AND INSTALL EV CHARGING STATIONS	CITY OF SAN CLEMENTE	\$10,000.00	
44	MSRC	MS16030	23	PROGRAMMATIC OUTREACH SERVICES ON BEHALF OF THE MSRC	BETTER WORLD GROUP ADVISORS	\$15,000.00	
44	MSRC	MS18003	23	DESIGN, HOST, AND MAINTAIN MSRC WEBSITE	GEOGRAPHICS	\$7,500.00	
44	MSRC	MS18007	23	TECHNICAL ADVISOR FOR MSRC	RAYMOND GORSKI	\$363,300.00	
					Subtotal	\$26,012,255.83	
	utive Officer Approved						
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C08210	01	TECHNICAL ASSISTANCE ON MOVILE SOURCE CONTROL MEASURES AND FUTURE CONSULTATION ON TAO ACTIVITIES	SAWYER ASSOCIATES	\$15,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C09252	31	TECHNICAL ASSISTANCE WITH REVIEW AND ASSESSMENT OF ADVANCED TECHNOLOGIES, HEAVY- DUTY ENGINES AND CONVENTIONAL AND ALTERNATE FUELS	JWM CONSULTING SERVICES	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C09285	32	REPOWER 8 DIESEL CATERPILLAR SCRAPERS	JAGUR TRACTOR	\$0.00	6
08	LEGAL	C10052	01	PROVIDE EMPLOYEE RELATIONS LITIGATION SERVICES	LIEBERT CASSIDY WHITMORE	\$30,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C11538	32	INSTALLATION AND MAINTENANCE OF HIGH- PERFORMANCE AIR FILTRATION TECHNOLOGIES AND HVAC SYSTEMS IN SCHOOLS NEAR THE PORT OF LOS ANGELES WHICH HAVE BEEN IMPACTED BY THE TRAPAC CONTAINER TERMINAL PROJECT	IQAIR NORTH AMERICA, INC.	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C11543	32	REPOWER 12 OFF-ROAD EQUIPMENT	SA RECYCLING LLC	\$0.00	6

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44	SCIENCE & TECHNOLOGY ADVANCEMENT	C12454	36	INSTALLATION OF UP TO 1MW OF FLYWHEEL ENERGY STORAGE TO PROVIDE REGENERATIVE BRAKING TO TRAINS	KINETIC TRACTION SYSTEMS, INC	\$0.00	6
08	LEGAL	C13060	01	LITIGATION COUNSEL	PAUL HASTINGS LLP	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C13305	32	REPOWER 2 MAIN ENGINES ON 1 MARINE VESSEL	TODD PHILLIPS / TONNAGE SPORTFISHING	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C13433	31	DEVELOP AND DEMONSTRATE 2 CLASS 8 ZERO- EMISSION ELECTRIC TRUCKS	US HYBRID CORPORATION	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C13441	80	REPLACEMENT OF UP TO 20 DIESEL LOCOMOTIVES	SO CALIFORNIA REGIONAL RAIL AUTHORITY	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C14091	32	REPOWER 2 MAIN AND AUXILIARY ENGINES ON 1 MARINE VESSEL	REDONDO BEACH SPORTFISHING LLC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C14312	81	PROP 1B TRUCK REPLACEMENT PROGRAM	SAN LUIS BUTANE DISTRIBUTORS, INC.	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C14375	01	DATA COLLECTION & ANALYSIS OF ZERO-EMISSION CARGO TRANSPORTATION DEMONSTRATION	NATIONAL RENEWABLE ENERGY LAB	\$20,000.00	
16	ADMINISTRATIVE & HUMAN RESOURCES	C14670	01	CLASSIFICATION AND COMPENSATION SERVICES	KOFF & ASSOCIATES, INC.	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C15150	31	INSTALL/UPGRADE EIGHT HYDROGEN FUELING STATIONS THROUGHOUT SCAB	AIR PRODUCTS & CHEMICALS INC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C15336	81	PROP 1B TRUCK REPLACEMENT PROGRAM	VARUSH MELIKIAN	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C15366	31	LICENSE AGREEMENT FOR HYDROGEN FUELING	ENGINEERING, PROCUREMENT & CONSTRUCTION	\$0.00	6
27	INFORMATION MANAGEMENT	C15468	01	SHORT AND LONG-TERM SYSTEMS DEVELOPMENT, MAINTENANCE AND SUPPORT SERVICES	VARSUN ETECHNOLOGIES GROUP, INC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C15521	32	RETROFIT 12 OFF-ROAD VEHICLES	SA RECYCLING LLC	\$0.00	6
27	INFORMATION MANAGEMENT	C15587	01	SHORT AND LONG-TERM SYSTEMS DEVELOPMENT, MAINTENANCE AND SUPPORT SERVICES	PRELUDE SYSTEMS, INC.	\$0.00	6

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C15609	31	INSTALLATION OF RIVERSIDE RENEWABLE HYDROGEN FUELING STATION	ITM POWER INC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C15611	31	INSTALLATION OF ONTARIO RENEWABLE HYDROGEN FUELING STATION	ONTARIO CNG STATION INC.	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C15680	31	DEVELOP A DETAILED TECHNOLOGY AND ECONOMICS BASED ROADMAP FOR THE ADOPTION OF ADVANCED COMMERCIAL VEHICLE TECHNOLOGIES TO REDUCE NITROGEN OXIDES (NOx) AND GREENHOUSE GAS (GHG) EMISSIONS THROUGH 2050 WITH EMPHASIS ON THE YEARS 2023 AND 2032.	NATIONAL RENEWABLE ENERGY LAB	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C15680	31	DEVELOP A DETAILED TECHNOLOGY AND ECONOMICS BASED ROADMAP FOR THE ADOPTION OF ADVANCED COMMERCIAL VEHICLE TECHNOLOGIES TO REDUCE NITROGEN OXIDES (NOx) AND GREENHOUSE GAS (GHG) EMISSIONS THROUGH 2050 WITH EMPHASIS ON THE YEARS 2023 AND 2032.	NATIONAL RENEWABLE ENERGY LAB	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C16033	01	EVALUATION OF POTENTIAL HEALTH EFFECTS FROM AIR POLLUTION	JOHN R FROINES	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C16034	01	EVALUATE POTENTIAL HEALTH EFFECTS FROM AIR POLLUTION	MICHAEL T. KLEINMAN	\$0.00	6
16	ADMINISTRATIVE & HUMAN RESOURCES	C16037	01	INSURANCE CONSULTANT/BROKERAGE SERVICES	ALLIANT INSURANCE SERVICES INC	\$74,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C16046	61,31	ZECT - DEVELOP 2 CLASS 8 PLUG-IN HYBRID ELECTRIC TRUCKS WITH ZERO EMISSION OPERATION CAPABILITY AND EXTENDED RANGE USING AN ONBOARD GENERATOR FUELED BY CNG, FOR DEMONSTRATION IN DRAYAGE SERVICE AT THE PORTS OF LOS ANGELES AND LONG BEACH.	TRANSPORTATION POWER, INC.	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C16144	80	REPOWER OF 8 OFF-ROAD VEHICLES	RALPH D MITZEL INC	\$0.00	6

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
	SCIENCE & TECHNOLOGY ADVANCEMENT	C16146	32	REPLACEMENT OF 1 OFF-ROAD VEHICLE	L & S CONSTRUCTION, INC	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C16214	01	PROVIDE ASSISTANCE WITH CEQA SERVICES FOR SOUTH COAST AQMD RULE PROJECTS	PLACEWORKS INC	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C16359	01	TECHNICAL SUPPORT FOR SOUTH COAST AQMD MEASUREMENTS RELATED TO THE COACHELLA VALLEY	TECHNICAL AND BUSINESS SYSTEMS	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C16360	81	PROP 1B TRUCK REPLACEMENT PROGRAM	CJ NOVACK SERVICES CORP	\$0.00	1
08	LEGAL	C16392	01	LEGAL ADVICE AND REPRESENTATION FOR SO CAL GAS LITIGATION	HALPERN MAY YBARRA GELBERG LLP	\$25,000.00	
26	PLANNING RULE DEV & AREA SOURCES	C16393	01	CONSULTANTS TO PROVIDE CEQA ASSISTANCE	PLACEWORKS INC	\$100,000.00	
26	PLANNING RULE DEV & AREA SOURCES	C16394	01	CONSULTANTS TO PROVIDE CEQA ASSISTANCE	ENVIRONMENTAL AUDIT INC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17059	31	DEVELOP AND DEMONSTRATE FUEL CELL EXTENDED RANGE POWERTRAIN FOR PARCEL DELIVERY TRUCKS	CALSTART, INC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17097	31	TECHNICAL ASSISTANCE WITH ALTERNATIVE FUELS AND FUELING INFRASTRUCTURE, EMISSIONS ANALYSIS AND ON-ROAD SOURCES	GLADSTEIN, NEANDROSS & ASSOCIATES	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17114	01	APPLICATION OF NEXT GENERATION AIR MONITORING METHODS TO CHARACTERIZE HAZARDOUS AIR POLLUTANT EMISSIONS FROM REFINERIES AND ASSESS POTENTIAL IMPACTS TO SURROUNDING COMMUNITIES	FLUXSENSE AB	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17127	32	REPOWER OF TWO MAIN ENGINES OF A MARINE VESSEL	CATALINA CLASSIC CRUISES	\$0.00	6
80	LEGAL	C17131	01	CONSULTING EXPERT	KENNETH A. MANASTER	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17158	32	REPOWER ONE MAIN ENGINE OF A MARINE VESSEL	JOHN MELLO	\$0.00	1
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17186	01	ENGAGE, EDUCATE, AND EMPOWER CALIFORNIA COMMUNITIES ON THE USE AND APPLICATIONS OF LOW-COST AIR MONITORING SENSORS	SONOMA TECHNOLOGY INC	\$0.00	11

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44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17203	01	ENGAGE, EDUCATE, AND EMPOWER CALIFORNIA COMMUNITIES ON THE USE AND APPLICATIONS OF "LOW-COST" AIR MONITORING SENSORS	UNIVERSITY OF CALIFORNIA-LOS ANGELES	\$0.00	11
04	FINANCE	C17213	01	PROVIDE INVESTMENT CONSULTING SERVICES TO SOUTH COAST AQMD	PFM ASSET MANAGEMENT LLC	\$23,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17236	81	PROPOSITION 1B TRUCK REPLACEMENT PROGRAM	FRESH LINK LOGISTICS LLC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17245	31	IN-USE EMISSIONS TESTING AND FUEL USAGE PROFILE OF ON-ROAD HEAVY-DUTY VEHICLES	WEST VIRGINIA UNIVERSITY INNOVATION CORP	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17247	32	REPLACEMENT OF FOUR OFF-ROAD AGRICULTURAL EQUIPMENT	OOSTDAM DAIRY	\$0.00	11
08	LEGAL	C17273	01	PUBLIC/GOVERNMENTAL LEGAL SERVICES	JONES & MAYER	\$0.00	6
44	SCIENCE & TECHNOLOGY	C17277		CONDUCT MARKET ANALYSIS FOR ZERO-EMISSION	UNIVERSITY OF SOUTHERN	\$0.00	6
	ADVANCEMENT			HEAVY-DUTY TRUCKS IN GOODS MOVEMENT	CALIFORNIA		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17278	31	TO DEVELOP FREIGHT LOADING STRATEGIES FOR ZERO- EMISSION HEAVY-DUTY TRUCKS IN GOODS MOVEMENT	UNIVERSITY OF SOUTHERN CALIFORNIA	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17286	31	IN-USE EMISSIONS TESTING & FUEL USAGE PROFILE OF ON-ROAD HEAVY-DUTY VEHICLES	UNIVERSITY OF CALIFORNIA RIVERSIDE	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17316	31	DEVELOP AND DEMONSTRATE 10 ZERO-EMISSION FUEL CELL ELECTRIC BUSES		\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17343	01	3 YEAR LEASE OF HONDA CLARITY	AMERICAN HONDA MOTOR COMPANY INC	\$4,898.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17348	81	PROP 1B TRUCK REPLACEMENT PROGRAM	XIN LI	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17359	01	ENGAGE, EDUCATE, AND EMPOWER CALIFORNIA COMMUNITIES ON USE AND APPLICATIONS OF "LOW COST" AIR MONITORING SENSORS	COMITE CIVICO DEL VALLE, INC	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17359	01	ENGAGE, EDUCATE, AND EMPOWER CALIFORNIA COMMUNITIES ON USE AND APPLICATIONS OF "LOW COST" AIR MONITORING SENSORS	COMITE CIVICO DEL VALLE, INC	\$10,000.00	

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44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17393	31	DEVELOPMENT OF AN ULTRA-LOW EMISSION DIESEL ENGINE FOR ON-ROAD HEAVY-DUTY VEHICLES	SOUTHWEST RESEARCH INSTITUTE	\$0.00	6
08	LEGAL	C17407	01	LEGAL ADVICE REGARDING THE CALIFORNIA COASTAL ACT AND RELATED MATTERS AS WELL AS REPRESENTATION OF THE SOUTH COAST AQMD BEFORE THE CALIFORNIA COASTAL COMMISSION	GAINES & STACEY, LLP	\$0.00	6
16	ADMINISTRATIVE & HUMAN RESOURCES	C18021	01	WEST INLAND EMPIRE EMPLOYMENT RELATIONS CONSORTIUM	LIEBERT CASSIDY WHITMORE	\$3,985.00	
16	ADMINISTRATIVE & HUMAN RESOURCES	C18035	01	COUNSEL: LIABILITY LITIGATION	DUNBAR & ASSOCIATES, A PROFESSIONAL LAW	\$50,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18090	31	SECONDARY ORGANIC AEROSOL (SOA) FORMATION FROM HEAVY-DUTY DIESEL AND NATURAL GAS VEHICLES	UNIVERSITY OF CALIFORNIA RIVERSIDE	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C18115	68	CITY OF TORRANCE COMMUNITY AIR MONITORING NETWORK	CITY OF TORRANCE	\$0.00	6
35	LEGISLATIVE & PUBLIC AFFAIRS	C18137	01	SACRAMENTO LEGISLTATIVE REPRESENTATION	QUINTANA, WATTS & HARTMANN LLC	\$39,500.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18150	31	CONDUCT HYDROGEN STATION SITE EVALUATION FOR HYDROGEN STATION EQUIPMENT PERFORMANCE	CALIFORNIA DEPARTMENT OF FOOD & AGRIC.	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18151	31	DEVELOP AND DEMONSTRATE BATTERY ELECTRIC SWITCHER LOCOMOTIVE	RAIL PROPULSION SYSTEMS LLC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18186	81	PROP 1B TRUCK REPLACEMENT PROGRAM	PREMIUM TRANSPORTATION SERVICES, INC.	\$0.00	11
26	PLANNING RULE DEV & AREA SOURCES	C18196	01	PROVIDE POINT SOURCE MODELING ASSISTANCE IN PERMITTING BACKLOG	CASTLE ENVIRONMENTAL CONSULTING, LLC	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C18196	01	PROVIDE POINT SOURCE MODELING ASSISTANCE IN PERMITTING BACKLOG	CASTLE ENVIRONMENTAL CONSULTING, LLC	\$25,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18201	81	PROP 1B TRUCK REPLACEMENT PROGRAM	ECOLOGY AUTO PARTS, INC.	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18206	31	ASSESS AIR QUALITY AND GREENHOUSE GAS IMPACTS OF A MICROGRID-BASED ELECTRICITY PROGRAM	UNIVERSITY OF CALIFORNIA - IRVINE	\$0.00	6

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	LEGAL	C18227	01	CONSULTING EXPERT REGARDING COMPLIANCE BY THE TORRANCE REFINING COMPANY WITH DECISIONS BY THE SOUTH COAST AQMD HEARING BOARD	AXTON POWER & CONTROL, LLC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18228	75	INSTALLATION AND MAINTENANCE OF HIGH- EFFICIENCY AIR FILTRATION SYSTEMS AT ELIGIBLE SCHOOLS IN ENVIRONMENTAL JUSTICE OR OTHER TARGET COMMUNITIES	IQAIR NORTH AMERICA, INC.	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18232	31	ELECTRIC TOP-HANDLER DEVELOPMENT, INTEGRATION AND DEMONSTRATION	HYSTER-YALE NEDERLAND B.V.	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18240	56	PROVIDE TECHNICAL ASSISTANCE TO THE ENHANCED FLEET MODERNIZATION PROGRAM	CLEAN FUEL CONNECTION INC	\$0.00	6
27	INFORMATION MANAGEMENT	C18247	01	SHORT AND LONG-TERM SYSTEMS DEVELOPMENT, MAINTENANCE AND SUPPORT SERVICES	SIERRA CYBERNETICS INC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18258	46	RESEARCH OF HEXAVALENT CHROMIUM EMISSIONS FROM INDUSTRIAL HEAT TREATING FURNACES	UNIVERSITY OF CALIFORNIA RIVERSIDE	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18258	46	RESEARCH OF HEXAVALENT CHROMIUM EMISSIONS FROM INDUSTRIAL HEAT TREATING FURNACES	UNIVERSITY OF CALIFORNIA RIVERSIDE	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C18263	01	CONDUCT A NATIONWIDE ECONOMIC IMPACTS EVALUATION OF ACCELERATED DEPLOYMENT OF ZERO AND NEAR-ZERO NOX EMISSIONS TECHNOLOGIES IN THE HEAVY-DUTY TRUCK SECTOR BY 2032	ICF RESOURCES, LLC	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C18263	01	CONDUCT A NATIONWIDE ECONOMIC IMPACTS EVALUATION OF ACCELERATED DEPLOYMENT OF ZERO AND NEAR-ZERO NOX EMISSIONS TECHNOLOGIES IN THE HEAVY-DUTY TRUCK SECTOR BY 2032	ICF RESOURCES, LLC	\$25,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18275	32	REPOWER 4 OFF-ROAD AGRICULTURAL EQUIPMENT	CLEVELAND FARMS, INC.	\$0.00	11

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44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18283	01	APPLICATION OF HYPERSPECTRAL THERMAL-INFRARED IMAGING TO CHARACTERIZE AND QUANTIFY AIR TOXICS WITHIN THE SOUTH COAST AIR BASIN	THE AEROSPACE CORPORATION	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18283	01	APPLICATION OF HYPERSPECTRAL THERMAL-INFRARED IMAGING TO CHARACTERIZE AND QUANTIFY AIR TOXICS WITHIN THE SOUTH COAST AIR BASIN	THE AEROSPACE CORPORATION	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18287	01	CHARGING STATION & PREMISES AGREEMENT FOR INSTALLATION OF 1 DCFC AT SOUTH COAST AQMD HQ	EVGO SERVICES, LLC	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18315	32	REPOWER 2 ENGINES ON 1 MARINE VESSEL	HAVE A PLAN, LLC	\$0.00	11
26	PLANNING RULE DEV & AREA SOURCES	C18317	01	CONSULTING SERVICES TO INVESTIGATE INCENTIVE SCHEMES TO REDUCE PORT AND VESSEL EMISSIONS	ENERGY AND ENVIRONMENTAL RESEARCH	\$24,920.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18321	32	REPLACEMENT OF 2 OFF-ROAD, DUAL ENGINE EQUIPMENT WITH 1 OFF-ROAD DUAL ENGINE EQUIPMENT	SKIP EDMUNSON, INC.	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18322	32	REPLACEMENT OF 4 OFF-ROAD AGRICULTURAL EQUIPMENT	MARVO HOLSTEINS	\$0.00	11
16	ADMINISTRATIVE & HUMAN RESOURCES	C18324	01	ARCHITECTURAL DESIGN AND SERVICES FOR IRRIGATION AND LANDSCAPE	ARCHITERRA DESIGN GROUP	\$10,000.00	
26	PLANNING RULE DEV & AREA SOURCES	C18380	01	LITERATURE REVIEW AND EMPIRICAL STUDY OF RESIDENTIAL VISIBILITY BENEFITS OF CLEAN AIR	INDUSTRIAL ECONOMICS INCORPORATED	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C18381	01	LITERATURE REVIEW OF PUBLIC WELFARE BENEFITS OF CLEAN AIR	INDUSTRIAL ECONOMICS INCORPORATED	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C18381	01	LITERATURE REVIEW OF PUBLIC WELFARE BENEFITS OF CLEAN AIR	INDUSTRIAL ECONOMICS INCORPORATED	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18388	32	REPLACEMENT OF 1 OFF-ROAD AGRICULTURAL EQUIPMENT	EARTH & AG, LLC	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19032	77	REPOWER 1 MAIN ENGINE AND ONE AUXILIARY ENGINE OF A MARINE VESSEL	BRYAN KEITH BISHOP	\$0.00	6

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44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19038	77	REPOWER 1 MAIN ENGINE ON 1 MARINE VESSEL	SEA TOW NEWPORT BEACH/LA	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19045	77	REPOWER OF 2 MAIN ENGINES OF A MARINE VESSEL	EXODUS CHARTERS, INC.	\$0.00	11
16	ADMINISTRATIVE & HUMAN RESOURCES	C19046	01	DESIGN, ENGINEERING AND BIDDING DOCUMENTS FOR REPLACEMENT OF LIEBERT AIR CONDITIONING UNITS	GOSS ENGINEERING, INC	\$8,400.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19050	77	REPOWER OF 1 MAIN ENGINE OF A MARINE VESSEL	JOSHUA FISHER	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19052	77	REPOWER 2 MAIN ENGINES OF A MARINE VESSEL	MONTE CARLO SPORTFISHING	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19056	77	REPOWER 1 MAIN AND 1 AUXILIARY ENGINE ON 1 MARINE VESSEL	TOAN D. NGUYEN	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19059	77	REPOWER 1 MAIN ENGINE AND 1 AUXILIARY ENGINE ON 1 MARINE VESSEL	STEVEN MARDESICH	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19061	77	REPOWER 2 MAIN ENGINES OF A MARINE VESSEL	JMJ SPORTFISHING, INC.	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19066	77	REPOWER 2 MAIN ENGINES OF 2 MARINE VESSELS	CARNAGE FISH CO.	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19066	77	REPOWER 2 MAIN ENGINES OF 2 MARINE VESSELS	CARNAGE FISH CO.	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19067	77	REPOWER 2 MAIN ENGINES OF A MARINE VESSEL	CLINTON NGUYEN	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19069	77	REPOWER 1 MAIN ENGINE AND 1 AUXILIARY ENGINE OF A MARINE VESSEL	DUNG VAN NGUYEN	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19070	77	REPOWER 2 MAIN ENGINES OF A MARINE VESSEL	DANIEL HERNANDEZ PRODUCTIONS, INC	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19082	77	REPLACEMENT OF 1 OFF-ROAD AGRICULTURAL EQUIPMENT	HACIENDA DE TRAMPAS	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19083	77	REPLACEMENT OF 1 OFF-ROAD AGRICULTURAL EQUIPMENT	JC FARMING INC.	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19097	77	REPLACEMENT OF 1 OFF-ROAD EQUIPMENT	CAPLINGER CONSTRUCTION, INC	\$0.00	11

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44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19115	77	REPLACEMENT OF 18 EXISTING OFF-ROAD EQUIPMENT WITH 9 NEW OFF-ROAD EQUIPMENT	SUKUT CONSTRUCTION, INC.	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19118	77	REPLACEMENT OF 4 OFF-ROAD AGRICULTURAL EQUIPMENT	VAN DAM DAIRY FARM	\$0.00	11
27	INFORMATION MANAGEMENT	C19156	01	SHORT AND LONG-TERM SYSTEMS DEVELOPMENT, MAINTENANCE AND SUPPORT SERVICES	AGREEYA SOLUTIONS, INC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19166	31	REPLACEMENT OF 29 DIESEL AND GASOLINE POWERED AIRPORT SHUTTLE BUSES	PHOENIX CARS, LLC	\$0.00	4
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19185	17	REPLACEMENT OF 2 HEAVY-DUTY DRAYAGE TRUCKS	MDB TRANSPORTATION INC	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19187	17	REPLACEMENT OF 7 HEAVY-DUTY DRAYAGE TRUCKS	NFI INDUSTRIES, INC	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19190	61	ZERO EMISSION TRUCKS AND EV INFRASTRUCTURE PROJECT	DAIMLER TRUCKS NORTH AMERICA LLC	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19198	32	REPOWER 2 MAIN ENGINES OF A MARINE VESSEL	LOS ANGELES COUNTY SHERIFF DEPT	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19208	31	CONDUCT EMISSION STUDY ON USE OF ALTERNATIVE DIESEL BLENDS IN OFF-ROAD HEAVY DUTY ENGINES	UNIVERSITY OF CALIFORNIA RIVERSIDE	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C19221	01	EXPLORING AND EXECUTING THE INTEGRATION OF THE HIGRID MODEL AS A FUNCTIONAL COMPONENT OF THE SOUTH COAST AQMD'S NEAT PLATFORM	UNIVERSITY OF CALIFORNIA - IRVINE	\$0.00	6
04	FINANCE	C19222	22/23	AUDIT OF AB 2766 FEE REVENUE RECIPIENTS FOR FISCAL YEARS 2015-16 & 2016-17	SIMPSON & SIMPSON, CPAs	\$0.00	6
04	FINANCE	C19222	22,23	AUDIT OF AB 2766 FEE REVENUE RECIPIENTS FOR FISCAL YEARS 2015-16 & 2016-17	SIMPSON & SIMPSON, CPAs	\$0.00	6
04	FINANCE	C19222	01	AUDIT OF AB 2766 FEE REVENUE RECIPIENTS FOR FISCAL YEARS 2015-16 & 2016-17	SIMPSON & SIMPSON, CPAs	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C19224	01	COST AND ECONOMIC IMPACT ANALYSIS OF REGULATING LOCAL WAREHOUSES AND DISTRIBUTION CENTERS	INDUSTRIAL ECONOMICS INCORPORATED	\$22,892.80	

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08	LEGAL	C19229	01	LEGAL ADVICE IN RELATION TO LEGISLATIVE AUTHORITY TO ADOPT A SALES TAX	KAUFMAN LEGAL GROUP, A PROFESSIONAL CORP	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19230	01	DEVELOP AN OPEN-SOURCE R PACKAGE TO SUPPORT THE MANAGEMENT OF LOW-COST AIR MONITORING SENSOR DATA	MAZAMA SCIENCE	\$64,780.00	
16	ADMINISTRATIVE & HUMAN RESOURCES	C19231	01	SUBSCRIPTION AGREEMENT FOR THE MENTORING PROGRAM	TRIPLE CREEK ASSOCIATES, INC.	\$1,500.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19246	77	REPLACEMENT OF 2 HEAVY-DUTY TRUCKS	HUDSON GROUP RETAIL LLC	\$0.00	11
16	ADMINISTRATIVE & HUMAN RESOURCES	C19268	01	ELEVATOR MODERNIZATION, ENGINEERING AND DESIGN	INFRASTRUCTURE ENGINEERS	\$0.00	6
16	ADMINISTRATIVE & HUMAN RESOURCES	C19268	01	ELEVATOR MODERNIZATION, ENGINEERING AND DESIGN	INFRASTRUCTURE ENGINEERS	\$3,538.00	
26	PLANNING RULE DEV & AREA SOURCES	C19277	01	FACILITATOR FOR ASSEMBLY BILL AB617 PROGRAM YEAR 1 - COMMUNITY STEERING COMMITTEE MEETINGS	VMA COMMUNICATIONS, INC.	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C19277	01	FACILITATOR FOR ASSEMBLY BILL AB617 PROGRAM YEAR 1 - COMMUNITY STEERING COMMITTEE MEETINGS	VMA COMMUNICATIONS, INC.	\$18,320.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19312	01	TECHNICAL EXPERTISE FOR LABORATORY - NEEDED FOR THE ANALYSIS OF ASBESTOS IN BUILDING MATERIAL AND ANALYSIS OF FALLOUT MATERIAL, IN SUPPORT OF RULE 1403	SANDRA L ESSNER	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19312	01	TECHNICAL EXPERTISE FOR LABORATORY - NEEDED FOR THE ANALYSIS OF ASBESTOS IN BUILDING MATERIAL AND ANALYSIS OF FALLOUT MATERIAL, IN SUPPORT OF RULE 1403	SANDRA L ESSNER	\$25,000.00	
26	PLANNING RULE DEV & AREA SOURCES	C19318	27	HIGH EFFICIENCY AND LOW-NOX COMBO RIBBON BURNER COMBUSTION SYSTEM DEMONSTRATION	GAS TECHNOLOGY INSTITUTE	\$0.00	11
26	PLANNING RULE DEV & AREA SOURCES	C19318	27	HIGH EFFICIENCY AND LOW-NOX COMBO RIBBON BURNER COMBUSTION SYSTEM DEMONSTRATION	GAS TECHNOLOGY INSTITUTE	\$0.00	11
26	PLANNING RULE DEV & AREA SOURCES	C19335	01	PACIFIC RIM INITIATIVE FOR MARITIME EMISSION REDUCTIONS: COLLABORATION WITH CHINESE PORT CITIES	FUNG RESEARCH LIMITED	\$0.00	6

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	LEGAL	C19340	01	EVALUATION AND REPORT OF SOUTH COAST AQMD OFFICE OF COMPLIANCE AND ENFORCEMENT	SERVE TO LEAD GROUP INC	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19350	27	TRANSIENT PULSED PLASMA TECHNOLOGY FOR RETROFIT TREATMENT OF DIESEL EMISSIONS	UNIVERSITY OF SOUTHERN CALIFORNIA	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19387	01	AIR MONITORING STUDY USING AEROSOL MASS SPECTROMETER DOWNWIND OF A REFINERY	UNIVERSITY OF CALIFORNIA RIVERSIDE	\$0.00	6
26	PLANNING RULE DEV & AREA SOURCES	C19398	01	EVALUATION OF SOUTH COAST AQMD BARCT ASSESSMENT FOR PROPOSED RULE 1109.1	NORTON ENGINEERING CONSULTANTS, INC	\$50,000.00	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19404	77	CONSTRUCT & OPERATE A RENEWABLE NATURAL GAS FUELING STATION	FOOD EXPRESS, INC.	\$0.00	11
03	Executive Office	C19406	01	PROVIDE CALIFORNIA FUEL CELL PARTNERSHIP CONSULTANT SERVICES - JUNE 2019	KANA MIYAMOTO	\$73,412.40	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19407	77	PROP 1B TRUCK REPLACEMENT PROGRAM	ROADEX CY, INC.	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19412	77	EXPAND AND OPERATE RENEWABLE NATURAL GAS FILING STATION	CITY OF COMMERCE	\$0.00	11
02	GOVERNING BOARD	C20000	01	BOARD ASSISTANT SERVICES FOR BEN BENOIT	THOMAS ALAN GROSS	\$4,562.50	
02	GOVERNING BOARD	C20016	01	BOARD ASSISTANT SERVICES FOR V. MANUEL PEREZ	GUILLERMO GONZALEZ	\$0.00	1
02	GOVERNING BOARD	C20020	01	BOARD ASSISTANT SERVICES FOR JANICE RUTHERFORD	COUNTY OF SAN BERNARDINO	\$9,930.81	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20022	01	COSPONSOR THE 2020 AIR SENSORS INTERNATIONAL CONFERENCE	UNIVERSITY OF CALIFORNIA- DAVIS	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20055	01	COSPONSOR THE LOS ANGELES NATIONAL DRIVE ELECTRIC WEEK 2019 EVENT "CHARGE UP LA"	PLUG IN AMERICA	\$0.00	11
16	ADMINISTRATIVE & HUMAN RESOURCES	C20059	01	ELEVATOR MODERNIZATION AT SOUTH COAST AQMD HEADQUARTERS	KONE INC.	\$0.00	6
08	LEGAL	C20081	01	PROVIDE LEGAL ADVICE FOR STATE CONTROLLER AUDIT	PROSKAUER ROSE LLP	\$0.00	6
35	LEGISLATIVE & PUBLIC AFFAIRS	C20087	01	MEDIA RELATIONS CONSULTING SERVICES	BERNARD C. PARKS, JR.	\$21,428.56	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20091	01	AIR MONITORING STATION LICENSE AGREEMENT	LOS ANGELES COUNTY FIRE DEPARTMENT	\$0.00	6

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
27	INFORMATION MANAGEMENT	C20107	01	OFFICE DATA CABLE INFRASTRUCTURE	DIGITAL NETWORKS GROUP, INC.	\$0.00	6
	LEGAL SCIENCE & TECHNOLOGY	C20127 C20137	01 01	COUNSEL; NHTSA DISTRICT COURT LITIGATION AIR MONITORING STATION LICENSE AGREEMENT	SLOVER & LOFTUS LEEWARD BAY MARINA	\$0.00 \$3,000.00	6
02	ADVANCEMENT GOVERNING BOARD	C20176	01	BOARD ASSISTANT SERVICES FOR CARLOS RODRIGUEZ	MATTHEW AUGUST HOLDER	\$4,642.50	
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20196	01	COSPONSOR THE 2020 PORTABLE EMISSIONS MEASUREMENT SYSTEMS CONFERENCE	UNIVERSITY OF CALIFORNIA RIVERSIDE	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C20254	77	REPOWER 2 MAIN ENGINES OF A MARINE VESSEL	LAUREN ALTHAUS	\$0.00	6
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18340	80	PURCHASE 2 CNG SCHOOL BUSES WITH FIRE SUPPRESSION SYSTEMS AND ASSOCIATED INFRASTRUCTURE	BANNING UNIFIED SCHOOL DISTRICT	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18344	80,31	PURCHASE 1 CNG SCHOOL BUS WITH FIRE SUPRESSION SYSTEM AND ASSOCIATED INFRASTRUCTURE	BELLFLOWER UNIFIED SCHOOL DISTRICT	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18353	80	PURCHASE 15 PROPANE SCHOOL BUSES WITH FIRE SUPPRESSION SYSTEMS AND ASSOCIATED INFRASTRUCTURE	GARDEN GROVE UNIFIED SCHOOL DISTRICT	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18354	80,31	LOWER-EMISSION SCHOOL BUS REPLACEMENT INCENTIVE PROGRAM	HEMET UNIFIED SCHOOL DISTRICT	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18355	80	LOWER EMISSION SCHOOL BUS REPLACEMENT INCENTIVE PROGRAM	HUNTINGTON BEACH UNION HIGH SCH DISTRICT	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18370	80,31	PURCHASE 2 CNG SCHOOL BUSES WITH FIRESUPPRESSON SYSTEMS AND ASSOCIATED INFRASTRUCTURE	SAN JACINTO UNIFIED SCHOOL DISTRICT	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G18377	80	LOWER-EMISSION SCHOOL BUS REPLACEMENT INCENTIVE PROGRAM	WESTMINSTER SCHOOL DISTRICT	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G19048	80	REPLACEMENT OF 1 CNG FUEL TANK ON 1 SCHOOL BUS	RIM OF THE WORLD UNIFIED SCHOOL DISTRICT	\$0.00	11
44	SCIENCE & TECHNOLOGY ADVANCEMENT	G19195	80	REPLACEMENT OF 4 CNG TANKS ON SCHOOL BUSES	BELLFLOWER USD	\$0.00	11

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
44	SCIENCE & TECHNOLOGY	G20052	80	REPLACEMENT OF 2 CNG TANKS ON SCHOOL BUSES	MENIFEE UNIFIED SCHOOL	\$0.00	11
44	ADVANCEMENT	020032	80	REFEACEMENT OF 2 CING TANKS ON SCHOOL BOSES	DISTRICT	Ş0.00	11
44	MSRC	ML12045	23	INSTALL CNG STATION	CITY OF BALDWIN PARK	\$0.00	6
44	MSRC	ML12090	23	INSTALL 1 LEVEL III TYPE PUBLICLY ACCESSIBLE EV CHARGING STATION	CITY OF PALM SPRINGS	\$0.00	6
44	MSRC	ML12091	23	INSTALL EV CHARGING STATIONS	CITY OF BELLFLOWER	\$0.00	11
44	MSRC	ML12091	23	INSTALL EV CHARGING STATIONS	CITY OF BELLFLOWER	\$0.00	11
44	MSRC	ML14018	23	PURCHASE 27 HEAVY-DUTY NATURAL GAS VEHICLES	CITY OF LOS ANGELES	\$0.00	6
44	MSRC	ML14023	23	UPGRADE VEHICLE MAINTENANCE FACILITY IN WESTCHESTER	COUNTY OF LOS ANGELES	\$0.00	6
44	MSRC	ML14024	23	UPGRADE MAINTENANCE FACILITY IN BALDWIN PARK	COUNTY OF LOS ANGELES	\$0.00	6
44	MSRC	ML14027	23	INSTALL AND MAINTAIN CNG FUELING STATION IN DOWNEY	COUNTY OF LOS ANGELES	\$0.00	6
44	MSRC	ML14030	23	BICYCLE INFRASTRUCTURE & EDUCATION	COUNTY OF LOS ANGELES	\$0.00	6
44	MSRC	ML14030	23	BICYCLE INFRASTRUCTURE & EDUCATION	COUNTY OF LOS ANGELES	\$0.00	6
44	MSRC	ML14030	23	BICYCLE INFRASTRUCTURE & EDUCATION	COUNTY OF LOS ANGELES	\$0.00	6
44	MSRC	ML14030	23	BICYCLE INFRASTRUCTURE & EDUCATION	COUNTY OF LOS ANGELES	\$0.00	6
44	MSRC	ML14096	23	SAN GABRIEL BIKE TRAIL UNDERPASS IMPROVEMENTS	COUNTY OF LOS ANGELES	\$0.00	6
44	MSRC	ML16017	23	PURCHASE 48 MEDIUM-DUTY AND UP TO 16 HEAVY- DUTY NATURAL GAS VEHICLES AND INSTALL CNG STATION	CITY OF LONG BEACH	\$0.00	6
44	MSRC	ML16032	23	IMPLEMENT FOOTHILL AND ALOSTA "COMPLETE STREETS" PROJECT	CITY OF AZUSA	\$0.00	6
44	MSRC	ML16032	23	IMPLEMENT FOOTHILL AND ALOSTA "COMPLETE STREETS" PROJECT	CITY OF AZUSA	\$0.00	6
44	MSRC	ML16034	23	IMPLEMENT "COMPLETE STREETS" PROJECT	CITY OF RIVERSIDE	\$0.00	6
44	MSRC	ML16039	23	INSTALL EV CHARGING STATIONS	CITY OF TORRANCE	\$0.00	6
44	MSRC	ML16040	23	INSTALL EV CHARGING STATIONS	CITY OF EASTVALE	\$0.00	6
44	MSRC	ML16040	23	INSTALL EV CHARGING STATIONS	CITY OF EASTVALE	\$0.00	6
44	MSRC	ML16053	23	IMPLEMENT "COMPLETE STREETS" PROJECT	CITY OF CLAREMONT	\$0.00	6
44	MSRC	ML16054	23	IMPLEMENT "COMPLETE STREETS" PROJECT	CITY OF YUCAIPA	\$0.00	6

DEPT		DEPT NAME	CONTRACT	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT	FOOT
ID	NACDC		NUMBER		INADI ENAFAIT COLINITY LINE DOAD "CONADI ETE CEDEETC"	CITY OF VIICAIDA	AMOUNT	NOTE
44	MSRC		ML16057	23	IMPLEMENT COUNTY LINE ROAD "COMPLETE STREETS" PROJECT	CITY OF YUCAIPA	\$0.00	6
44	MSRC		ML16075	23	EXPAND CNG STATION AND MODIFY MAINTENANCE	CITY OF SAN FERNANDO	\$0.00	6
					FACILITY			
44	MSRC		ML16077	23	IMPLEMENT PEDESTRIAN IMPROVEMENTS AND BIKE	CITY OF RIALTO	\$0.00	6
					SHARING			
44	MSRC		ML16083	23	INSTALL EV CHARGING STATIONS-CITY HALL AND METROLINK	CITY OF EL MONTE	\$0.00	11
44	MSRC		ML18019	23	PURCHASE 2 LIGHT-DUTY ZEVS AND EVSE	CITY OF HIDDEN HILLS	\$0.00	6
44	MSRC		ML18022	23	SYNCHRONIZE TRAFFIC SIGNALS ON PALM DRIVE	CITY OF DESERT HOT SPRINGS	\$0.00	6
44	MSRC		ML18034	23	INSTALL ELECTRIC VEHICLE CHARGING STATIONS	CITY OF CALABASAS	\$0.00	6
44	MSRC		ML18038	23	PROCURE 5 LIGHT-DITY ZEV'S AND EVSE	CITY OF ANAHEIM	\$0.00	6
44	MSRC		ML18039	23	PROCURE 1 HEAVY-DUTY ZERO EMISSION VEHICLE	CITY OF REDLANDS	\$0.00	6
					(ZEV) AND INSTALL ONE LEVEL III FAST CHARGE		70.00	
					ELECTRIC VEHICLE CHARGING STATION			
44	MSRC		ML18044	23	UPGRADE AND INSTALL ELECTRIC VEHICLE CHARGING STATIONS	CITY OF MALIBU	\$0.00	6
44	MSRC		ML18056	23	INSTALL EV CHARGING STATIONS	CITY OF CHINO	\$0.00	11
44	MSRC		ML18030	23	INSTALL 2 EV CHARGING STATIONS	CITY OF BEAUMONT	\$0.00	6
44	MSRC		ML18081	23	PROCURE 1 HEAVY-DUTY NEAR-ZERO EMISSION	CITY OF GLENDORA	\$0.00	6
44	WISING		WILLOOD	23	VEHICLE	CIT OF GLENDONA	Ş0.00	U
44	MSRC		ML18098	23	INSTALL 6 ELECTRIC VEHICLE CHARGING STATIONS	CITY OF REDONDO BEACH	\$0.00	6
44	MSRC		ML18137	23	INSTALL BICYCLE LANE IMPROVEMENTS	CITY OF WILDOMAR	\$0.00	6
44	MSRC		ML18139	23	INSTALL BICYCLE LANE IMPROVEMENTS	CITY OF CALIMESA	\$0.00	6
44	MSRC		ML18142	23	INSTALL EV CHARGING STATIONS	CITY OF LA QUINTA	\$0.00	6
44	MSRC		ML18156	23	PROCURE 4 LIGHT-DUTY ZEV'S AND INSTALL EV	CITY OF COVINA	\$0.00	6
• •	Wish		11120130	23	CHARGING STATIONS		φο.σσ	Ū
44	MSRC		MS14057	23	SIGNAL SYNCHRONIZATION PROGRAM	LOS ANGELES COUNTY	\$0.00	6
• •	Wish		11102 1007	23	SIGNAL STITUTE THE STITUTE OF THE ST	METROPOLITAN	φο.σσ	Ū
44	MSRC		MS14059	23	SIGNAL SYNCHRONIZATION PARTNERSHIP PROGRAM	RIVERSIDE COUNTY	\$0.00	6
• •	Wish		11102 1003	23	SIGNAL STATE THE TANK THE TOTAL THE GRANT	TRANSPORTATION COMM	φο.σσ	Ū
44	MSRC		MS14059	23	SIGNAL SYNCHRONIZATION PARTNERSHIP PROGRAM	RIVERSIDE COUNTY	\$0.00	6
• • •			51 1055			TRANSPORTATION COMM	+ 2.00	ŭ

DEPT	DEPT NAME	CONTRACT	FUND	DESCRIPTION	VENDOR NAME	CONTRACT	FOOT
ID 44	MSRC	NUMBER MS14072	CODE 22	SIGNAL SYNCHRONIZATION PARTNERSHIP PROGRAM	SAN BERNARDINO COUNTY	AMOUNT \$0.00	NOTE 6
	Worke	141314072	22	SIGNAL STREETHON IZATION TANKING THOUSAND	TRANSPORTATION	40.00	Ü
44	MSRC	MS16090	23	IMPLEMENT TRANSIT STATION IMPROVEMENTS	LOS ANGELES COUNTY	\$0.00	6
					METROPOLITAN		
44	MSRC	MS16096	23	EV CHARGING STATIONS	SAN BERNARDINO COUNTY TRANSPORTATION	\$0.00	6
44	MSRC	MS16110	23	EXPAND EXISTING NATURAL GAS FUELING STATIONS	CITY OF RIVERSIDE	\$0.00	6
				AND MODIFY MAINTENANCE FACILITY			
44	MSRC	MS16124	23	EXTENDED FREEWAY SERVICE PATROL SERVICE	RIVERSIDE COUNTY TRANSPORTATION COMM	\$0.00	6
44	MSRC	MS18002	23	IMPLEMENT "GO HUMAN" PROGRAM	SOUTHERN CALIFORNIA ASSOCIATION OF GOVT	\$0.00	6
44	MSRC	MS18014	23	ELECTRIC VEHICLE INFRASTRUCTURE SPATIAL	UNIVERSITY OF CALIFORNIA-LOS	\$0.00	6
				PLANNING ANALYSIS	ANGELES		
44	MSRC	MS18015	23	IMPLEMENT FUTURE COMMUNITIES PROGRAM	SOUTHERN CALIFORNIA ASSOCIATION OF GOVT	\$0.00	6
44	MSRC	MS18112	23	INSTALL LIMITED ACCESS CNG STATION	BANNING UNIFIED SCHOOL	\$0.00	6
					DISTRICT	,	
44	MSRC	MS18122	23	INSTALL LIMITED ACCESS CNG STATION W/ RNG	UNIVERSAL WASTE SYSTEMS, INC.	\$0.00	6
					Subtotal	\$791,710.57	
V. TE	RMINATED CONTRACTS-PAR	TIAL/NO WO	RK PERF	FORMED			
44	SCIENCE & TECHNOLOGY	C11555	31	DEMONSTRATE HYDROGEN REFUELING STATION AT	UNIVERSITY OF CALIFORNIA-LOS	-\$400,000.00	7
	ADVANCEMENT			UCLA	ANGELES	, ,	
44	SCIENCE & TECHNOLOGY	C16150	32	REPLACEMENT OF 3 AND REPOWER OF 5 OFF-ROAD	SHARMA GENERAL ENGINEERING	-\$300,504.00	7
	ADVANCEMENT			VEHICLES	CONTRACTORS		
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17064	81	PROP 1B TRUCK REPLACEMENT PROGRAM	PENSKE TRUCK LEASING CO LP	-\$100,000.00	7
44	SCIENCE & TECHNOLOGY	C17236	81	PROP 1B TRUCK REPLACEMENT PROGRAM	FRESH LINK LOGISTICS LLC	-\$200,000.00	7
	ADVANCEMENT					•	
44	SCIENCE & TECHNOLOGY	C17244	67	DEVELOPMENT AND DEMONSTRATION OF 4 CLASS 8	PACCAR INC	-\$3,251,501.00	7
	ADVANCEMENT			PLUG-IN HYBRID ELECTRIC DRAYAGE TRUCKS			

DEPT	DEPT NAME	CONTRACT	FUND	DESCRIPTION	VENDOR NAME	CONTRACT	FOOT
ID		NUMBER	CODE			AMOUNT	NOTE
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C17368	81	PROP 1B TRUCK REPLACEMENT PROGRAM	CR&R INCORPORATED	-\$470,000.00	7
44	SCIENCE & TECHNOLOGY	C17403	81	PROP 1B TRUCK REPLACEMENT PROGRAM	FENCECORP, INC.	-\$120,000.00	7
44	ADVANCEMENT SCIENCE & TECHNOLOGY	C17404	81	PROP 1B TRUCK REPLACEMENT PROGRAM	FENCE WORKS INC.	-\$80,000.00	7
	ADVANCEMENT						
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18096	81	PROP 1B HEAVY DUTY TRUCK REPLACEMENT/TRU REPLACEMENT AND INFRASTRUCTURE PROJECTS	TRIPLE B CORPORATION	-\$117,000.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18124	81	PROP 1B TRUCK REPLACEMENT PROGRAM	AJR TRUCKING, INC.	-\$1,820,000.00	7
44	SCIENCE & TECHNOLOGY	C18124	81	PROP 1B TRUCK REPLACEMENT PROGRAM	AJR TRUCKING, INC.	-\$750,000.00	7
4.4	ADVANCEMENT	C4 04 74	04	DDOD 4D TDUCK DEDI ACENAENT DDOCDANA	COUTURAY TRANSPORT INC	¢000 000 00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18171	81	PROP 1B TRUCK REPLACEMENT PROGRAM	SOUTHBAY TRANSPORT, INC.	-\$900,000.00	7
44	SCIENCE & TECHNOLOGY	C18203	81	PROP 1B TRUCK REPLACEMENT PROGRAM	V SLON INC	-\$150,000.00	7
	ADVANCEMENT						
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18218	81	PROP 1B TRUCK REPLACEMENT PROG	HENEAN TRUCKING INC	-\$400,000.00	7
44	SCIENCE & TECHNOLOGY	C18302	32,77	REPLACEMENT OF 10 SOLID WASTE COLLECTION	WASTE MANAGEMENT	-\$270,757.00	7
	ADVANCEMENT		- ,	VEHICLES	COLLECTION & RECYCLING	, ,, ,	
44	SCIENCE & TECHNOLOGY	C18302	77,32	REPLACEMENT OF 10 SOLID WASTE COLLECTION	WASTE MANAGEMENT	-\$40,000.00	7
	ADVANCEMENT			VEHICLES	COLLECTION & RECYCLING		
44	SCIENCE & TECHNOLOGY	C18307	23	REPLACEMENT OF 5 OFF-ROAD AGRICULTURAL	PRADO RECREATION INC	-\$156,110.00	7
	ADVANCEMENT			EQUIPMENT			
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C18330	32	REPLACEMENT OF 10 OFF-ROAD AGRICULTURAL EQUIPMENT	PASTIME LAKES HOLDINGS, LLC	-\$11,181.00	7
44	SCIENCE & TECHNOLOGY	C18394	32	REPLACEMENT OF 11 OFF-ROAD EQUIPMENT	GRIFFITH COMPANY	-\$409,932.00	7
	ADVANCEMENT						
44	SCIENCE & TECHNOLOGY	C19024	17	COMMERCIAL LAWN AND GARDEN EQUIPMENT	BLOUNT, INC	-\$150,000.00	7
	ADVANCEMENT			INCENTIVE AND EXCHANGE PROGRAM WITHIN EJ AREAS			
44	SCIENCE & TECHNOLOGY	C19025	27,17	COMMERCIAL ELECTRIC LAWN & GARDEN EQUIPMENT	MEAN GREEN PRODUCTS LLC	-\$369,206.83	7
77	ADVANCEMENT	013023	,	INCENTIVE & EXCHANGE PROGRAM IN EJ AREAS	at GREEN HODOGIO ELC	7505,200.05	•

DEPT ID	DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19039	77	REPLACEMENT OF 1 OFF-ROAD AGRICULTURAL EQUIPMENT	COLD CREEK ESTATES, LLC	-\$93.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19042	77	REPOWER ONE MAIN ENGINE OF A MARINE VESSEL	SAN PEDRO PRIDE INC	-\$38,697.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19089	77	REPLACEMENT OF 17 OFF-ROAD EQUIPMENT	COBURN EQUIPMENT	-\$64,724.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19089	77	REPLACEMENT OF 17 OFF-ROAD EQUIPMENT	COBURN EQUIPMENT	-\$59,316.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19107	77	REPLACEMENT OF 6 OFF-ROAD VEHICLES	BALI CONSTRUCTION INC	-\$375.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19114	77	REPLACEMENT OF EIGHT OFF-ROAD AGRICULTURAL EQUIPMENT	DOUBLE D PIPELINE, INC.	-\$969.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19115	77	REPLACEMENT OF 18 EXISTING OFF-ROAD EQUIPMENT WITH 9 NEW OFF-ROAD EQUIPMENT	SUKUT CONSTRUCTION, INC.	-\$11,945.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19120	77	REPOWER 5 OFF-ROAD EQUIPMENT	C5 EQUIPMENT RENTALS, LLC	-\$6,182.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19120	77	REPOWER 5 OFF-ROAD EQUIPMENT	C5 EQUIPMENT RENTALS, LLC	-\$2,907.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19144	77	REPLACEMENT OF 26 OFF-ROAD AGRICULTURAL EQUIPMENT	LONG LIFE FARMS INC.	-\$70,481.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19351	32	REPLACEMENT OF 2 OFF-ROAD EQUIPMENT	CM BACKHOE SERVICE, INC.	-\$92,516.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19393	77	REPLACEMENT OF 2 ON-ROAD EQUIPMENT	AMERICAN PACIFIC FORWARDERS INC	-\$1,997.00	7
44	SCIENCE & TECHNOLOGY ADVANCEMENT	C19466	32	REPLACEMENT OF 1 OFF-ROAD AGRICULTURAL EQUIPMENT	STEPHEN WESSELINK FARMS INC	-\$6,781.00	7
02	GOVERNING BOARD	C20001	01	BOARD ASSISTANT SERVICES FOR BEN BENOIT	RUTHANNE TAYLOR BERGER	-\$4,562.48	7
02	GOVERNING BOARD	C20007	01	BOARD ASSISTANT SERVICES FOR BEN BENOIT	CITY OF WILDOMAR	-\$4,562.52	7
44	MSRC	ML12043	23	PURCHASE 2 HEAVY DUTY CNG VEHICLES	CITY OF HEMET	-\$30,000.00	7
44	MSRC	ML12043	23	PURCHASE 2 HEAVY-DUTY CNG VEHICLES	CITY OF HEMET	-\$30,000.00	7
44	MSRC	ML14062	23	EXPAND EXISTING CNG FUELING STATION	CITY OF SAN FERNANDO	-\$61,412.00	7
44	MSRC	ML14096	23	SAN GABRIEL BIKE TRAIL UNDERPASS IMPROVEMENTS	COUNTY OF LOS ANGELES	-\$75,814.00	7

DEPT ID		DEPT NAME	CONTRACT NUMBER	FUND CODE	DESCRIPTION	VENDOR NAME	CONTRACT AMOUNT	FOOT NOTE
44	MSRC		ML16010	2020	EXPAND CNG STATION AND INSTALL EV CHARGING STATIONS	CITY OF FULLERTON	-\$292,278.00	7
44	MSRC		ML16038	23	INSTALL BIKE LANES AND PURCHASE 4 HEAVY-DUTY VEHICLES	CITY OF PALM SPRINGS	-\$60,000.00	7
44	MSRC		ML16058	23	PURCHASE 15 HEAVY-DUTY CNG VEHICLES AND INSTALL 17 EV CHARGING STATIONS	COUNTY OF LOS ANGELES	-\$120,000.00	7
44	MSRC		ML18032	23	PURCHASE 1 HEAVY-DUTY EV AND 1 HEAVY-DUTY NEAR-ZERO VEHICLE	CITY OF ARCADIA	-\$50,000.00	7
44	MSRC		ML18040	23	INSTALL ELECTRIC VEHICLE CHARGING STATIONS	CITY OF AGOURA HILLS	-\$32,086.00	7
44	MSRC		ML18071	23	PROCURE 2 LIGHT-DUTY ZEV EVSE	CITY OF CHINO HILLS	-\$10,000.00	7
44	MSRC		ML18127	23	PROCURE 1 LIGHT-DUTY ZEV AND INSTALL EV CHARGING STATION	CITY OF LA PUENTE	-\$17,800.00	7
44	MSRC		MS16029	23	BIKEWAY IMPROVEMENTS PROJECTS	ORANGE CO TRANSPORTATION AUTHORITY	-\$15,470.00	7
44	MSRC		MS16106	23	EXPAND CNG STATION	CITY OF LAWNDALE Subtotal	-\$175,000.00 -\$11,802,159.83	7

FOOT NOTE

DEPT	DEPT NAME	CONTRACT	FUND	DESCRIPTION		VENDOR NAME	CONTRACT	F
ID		NUMBER	CODE	220			AMOUNT	N
	SPECIAL F					<u>FOOTNOTES</u>		
17	ADV. TECH, OUTREAC	H & EDU FUND			1	NO FIXED VALUE		
22	AIR QUALITY IMPROV	EMENT FUND			2	RATES VARY - NO FIXED VALUE		
23	MSRC FUND				3	REVENUE CONTRACT - NO AMOUN	T SHOWN	
27	AIR QUALITY INVESTM	1ENT FUND			4	NO COST - COST REALLOCATION		
31	CLEAN FUELS FUND				5	CHANGED TO EMPLOYEE STATUS		
32	CARL MOYER FUND - S	B1107 ACCOUNT			6	NO COST- TIME EXTENSION		
33	SCHOOL BUS REPLACE	MENT PROGRAM			7	DE-OBLIGATION OF FUNDING		
34	ZERO EMISSION VEHI	CLE INCENTIVE PRO	OGRAM		8	COMPETITIVE SOLICITATION ISSU	ed by another	
35	AES SETTLEMENT PRO	JECTS FUND				GOVERNMENT AGENCY		
36	RULE 1309.1 PRIORIT	RESERVE FUND			9	NO COST - AIR MONITORING/LICE	NSE AGR	
37	CARB ERC BANK FUND				10	CNG VEHICLE PARTNERSHIP SELEC	CTION	
38	LADWP SETTLEMENT I	PROJECTS FUND			11	NO COST - CHANGE IN TERMS		
39	STATE EMISSIONS MI	FIGATION FUND			12	FEDERAL GOVERNMENT PASS-THR	U	
40	NATURAL GAS VEHICL	E PARTNERSHIP FU	JND		_	AT DIRECTION OF LEGISLATIVE CO		
45	CBE/CBO SETTLEMENT		D			OPTIONAL YEAR RENEWAL/MULTI-		
46	BP ARCO SETTLEMENT	_			15	TRUCK GRANT PAID TO CASCADE S		
48	HEALTH EFFECTS RES	EARCH FUND				THROUGH LEASE-TO-OWN PROGRA		Т
49	CEQA GHG MITIGATION					IS FOR OPERATION AND REPORTIN		
50	DOE ARRA-PLUG-IN H		EHICLES		16	AMOUNT UTILIZED MAY BE LESS T	HAN CONTRACT	
51	DOE ARRA-LNG CORRI					AMOUNT.		
52	TRAPAC SCHOOL AIR	_						
53	EMISSION REDUCTION		-UND					
56 50	HEROS II PROGRAM FL							
58	AB1318 MITIGATION F							
59	VOUCHER INCENTIVE F	•	•					
68	EXXONMOBIL SETTLEM		ND					
75 	AIR FILTRATION FUND		N.B.					
77	COMMUNITY AIR PROT	ECTION AB 134 FU	ND					

80

81

82

CARL MOYER FUND - AB923 ACCOUNT

PROPOSITION 1B - GOODS MOVEMENT FUND

PROPOSITION 1B - LOWER EMISSION SCHOOL BUS



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 16

REPORT: Lead Agency Projects and Environmental Documents Received

SYNOPSIS: This report provides a listing of CEQA documents received by the

South Coast AQMD between July 1, 2020 and July 31, 2020, and those projects for which the South Coast AQMD is acting as lead

agency pursuant to CEQA.

COMMITTEE: Mobile Source, August 21, 2020, Reviewed

RECOMMENDED ACTION:

Receive and file.

Wayne Nastri Executive Officer

PF:SN:JW:LS:AM:MC

CEQA Document Receipt and Review Logs (Attachments A and B) – Each month, the 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 July 1, 2020 and July 31, 2020 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 July reporting period is included as Attachment B. A total of 60 CEQA documents were received during this reporting period and 30 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 the South Coast AQMD has been contacted regarding potential air quality-related environmental justice concerns. The 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 the South Coast AQMD about projects of concern by the following means: in writing via fax, email, or standard letters; through telephone communication; and as part of oral comments at South Coast AQMD meetings or other meetings where South Coast AQMD staff is present. The attachments also identify, for each project, the dates of the public comment period and the public hearing date, if applicable. Interested parties should rely on the lead agencies themselves for definitive information regarding public comment periods and hearings as these dates are occasionally modified by the lead agency.

At the January 6, 2006 Board meeting, the Board approved the Workplan for the Chairman's Clean Port Initiatives. One action item of the Chairman's Initiatives was to prepare a monthly report describing CEQA documents for projects related to goods movement and to make full use of the process to ensure the air quality impacts of such projects are thoroughly mitigated. In response to describing goods movement, CEQA documents (Attachments A and B) are organized to group projects of interest into the following categories: goods movement projects; schools; landfills and wastewater projects; airports; general land use projects, etc. In response to the mitigation component, guidance information on mitigation measures was compiled into a series of tables relative to off-road engines; on-road engines; harbor craft; ocean-going vessels; locomotives; fugitive dust; and greenhouse gases. These mitigation measure tables are on the CEQA webpages portion of the 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 the 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 July 1, 2020 and July 31, 2020, the South Coast AQMD received 60 CEQA documents. Of the 82 documents listed in Attachments A and B:

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

(The above statistics are from July 1, 2020 and July 31, 2020 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 the 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, the 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 the 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 the 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 the South Coast AQMD is lead agency and is currently preparing or has prepared environmental documentation. As noted in Attachment C, the South Coast AQMD continued working on the CEQA documents for one active project during July.

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 LAC200714-06 Pier B On-Dock Rail Support Facility Project	The project consists of reconfiguration and expansion of the Pier B on-dock rail support facility to move cargo via on-dock rail with a capacity of handling up to 35 percent of cargo containers by on-dock rail. The project is located on the northwest corner of Interstate 710 and Ocean Boulevard in the community of Wilmington-Harbor City. Reference LAC190705-04, LAC180112-01, LAC170127-01, and LAC161216-06	Notice of Availability of a Draft Environmental Impact Statement	United States Department of Transportation, Maritime Administration	Under review, may submit written comments
Warehouse & Distribution Centers LAC200728-01 Panattoni Project	Comment Period: 7/9/2020 - 8/31/2020 Public Hearing: 7/28/2020 Staff provided comments on the Mitigated Negative Declaration for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200626-02.pdf . The project consists of construction of a 292,400-square-foot industrial building with warehousing use on 14.3 acres. The project is located on the southwest corner of East 223rd Street and Tesoro Campus Drive. Reference LAC200626-02	Response to Comments	City of Carson	Document reviewed - No comments sent for this document received
	Comment Period: N/A Public Hearing: N/A			
Warehouse & Distribution Centers RVC200728-04 Sycamore Hills Distribution Center Project	The project consists of construction of two warehouses totaling 603,100 square feet on 11.6 acres. The project is located on the northeast corner of East Alessandro Boulevard and Barton Street.	Notice of Preparation	City of Riverside	Under review, may submit written comments
	Comment Period: 7/28/2020 - 8/27/2020 Public Hearing: 8/12/2020			_
Warehouse & Distribution Centers RVC200708-03 Placentia Logistics Project	The project consists of construction of a 274,190-square-foot warehouse on 11.80 acres. The project is located on the northwest corner of Placentia Avenue and Harvill Avenue.	Notice of Intent to Adopt a Mitigated Negative Declaration	County of Riverside	Document reviewed - No comments sent for this document received
	Comment Period: 6/25/2020 - 7/20/2020 Public Hearing: N/A			

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

^{*}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.

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Warehouse & Distribution Centers SBC200708-02 Foisy East Project	The project consists of construction of a 467,125-square-foot warehouse on 20.29 acres. The project is located on the southeast corner of East Central Avenue and South Foisy Street. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/SBC200708-02.pdf	Notice of Intent to Adopt a Mitigated Negative Declaration	City of San Bernardino	South Coast AQMD staff commented on 7/20/2020
Warehouse & Distribution Centers SBC200708-24 Sierra Avenue and Casa Grande Warehouse	Comment Period: 6/30/2020 - 7/20/2020 Public Hearing: 8/26/2020 The project consists of construction of a 322,996-square-foot warehouse on 16.76 acres. The project is located on the northwest corner of Sierra Avenue and Casa Grande Drive. Reference SBC200303-15 and SBC190702-13	Draft Environmental Impact Report	City of Fontana	Document reviewed - No comments sent for this document received
	Comment Period: 6/26/2020 - 8/10/2020 Public Hearing: 7/21/2020			
Industrial and Commercial LAC200708-11 Diamond Bar Golf Course Renovation Project	The project consists of reconfiguration of an existing golf course on 161.9 acres. The project is located at 22751 Golden Springs Drive on the northeast corner of Golden Springs Drive and Grand Avenue in the City of Diamond Bar.	Mitigated Negative Declaration	San Gabriel Valley Council of Governments	Document reviewed - No comments sent for this document received
	Comment Period: 6/19/2020 - 7/20/2020 Public Hearing: N/A	22.1.0	G. 0.0	0.10
Industrial and Commercial LAC200714-02 Carson to Paramount Hydrogen Gas Pipeline	The project consists of construction of a 0.5-mile hydrogen gas pipeline 8.625 inches in diameter and conversion of an existing 11.5-mile petroleum pipeline to hydrogen gas pipeline with a flow rate of seven million standard cubic feet per day. The project is located near the northeast corner of East Sepulveda Boulevard and South Alameda Street. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200714-02.pdf Comment Period: 5/19/2020 - 6/19/2020 Public Hearing: N/A	Notice of Preparation (received after close of comment period)	City of Carson	South Coast AQMD staff commented on 7/21/2020

^{# -} 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 RVC200707-03 MA20083	The project consists of construction of a truck yard facility with 124 trailer parking spaces on 4.63 acres. The project is located on the northwest corner of Day Creek Channel and Riverside Drive.	Site Plan	City of Jurupa Valley	South Coast AQMD staff commented on 7/15/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200707-03.pdf Comment Period: 7/6/2020 - 7/20/2020 Public Hearing: N/A			
Industrial and Commercial SBC200716-01 Area Q Quarry Project	The project consists of expansion of existing mining operations to extract 42.1 million tons of materials with a planning horizon of 2050 on 187.6 acres. The project is located on the northwest corner of Devil Creek Diversion Channel and Cajon Boulevard in the community of Muscoy. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/August/SBC200716-01.pdf	Notice of Availability of a Draft Environmental Impact Report	County of San Bernardino	South Coast AQMD staff commented on 8/14/2020
Waste and Water-related	Comment Period: 6/30/2020 - 8/17/2020 Public Hearing: N/A The project consists of construction of a 6,565-linear-foot water pipeline 16 inches in diameter,	Mitigated	City of Santa	Document
LAC200707-04 Olympic Wellfield Restoration and Arcadia Treatment Plant Expansion	two injection wells, and a raw water treatment facility with a capacity of 3,400 acre-feet per year on 4.8 acres. The project is located along Arizona Avenue and Berkeley Street between South Bundy Drive and Olympic Boulevard.	Negative Declaration	Monica	reviewed - No comments sent for this document received
	Comment Period: 7/6/2020 - 9/4/2020 Public Hearing: N/A			
Waste and Water-related LAC200708-05 Irwindale Materials Recovery Facility and Transfer Station Project	This document includes additional environmental analyses for truck fueling operations, greenhouse gas emissions, transportation energy, and health impacts in response to the Los Angeles County Superior Court's decision for the project. The project consists of construction a materials recovery and transfer facility with a receiving capacity of 6,000 tons per day on 17.22 acres. The project is located on the northeast corner of Arrow Highway and Live Oak Avenue. Reference LAC160419-04, LAC141022-03, and LAC140808-02	Notice of Availability of a Recirculated Draft Environmental Impact Report	City of Irwindale	Document reviewed - No comments sent for this document received
	Comment Period: 6/22/2020 - 8/5/2020 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
Waste and Water-related LAC200708-09 Amani Apartments Site	The project consists of development of cleanup actions to remove soil contaminated with lead on 0.58 acres. The project is located at 4200 West Pico Boulevard on the southwest corner of West Pico Boulevard and South Crenshaw Boulevard in the City of Los Angeles. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200708-09.pdf	Draft Removal Action Workplan	Department of Toxic Substances Control	South Coast AQMD staff commented on 7/21/2020
	Comment Period: 6/22/2020 - 7/22/2020 Public Hearing: N/A			
Waste and Water-related LAC200708-27 Biogas Renewable Generation Project	The project consists of construction of a 12-megawatt power generation facility, a one-mile natural gas pipeline, a one-mile water pipeline, and two 70,000-gallon water tanks on a 2.2-acre portion of 95 acres. The project is located at 3001 Scholl Canyon Road on the northwest corner of North Figueroa Street and Scholl Canyon Road. Reference LAC190320-02, LAC180309-01, LAC170927-01, and LAC170912-01	Notice of Availability of a Draft Environmental Impact Report	City of Glendale	Under review, may submit written comments
	Comment Period: 7/2/2020 - 9/30/2020 Public Hearing: N/A			
Waste and Water-related LAC200716-07 Safety-Kleen Systems, Inc.	The project consists of renewal of a hazardous waste facility permit to continue storage and transfer of petroleum-based or aqueous-based washing solution. The project is located at 2918 Worthen Avenue on the northeast corner of Ripple Street and Gilroy Street in the City of Los Angeles.	Draft Hazardous Waste Facility Permit Renewal	Department of Toxic Substances Control	Document reviewed - No comments sent for this document received
	Comment Period: 7/27/2020 - 9/11/2020 Public Hearing: N/A			
Waste and Water-related LAC200721-02 Amani Apartments Site	Staff provided comments on the Draft Removal Action Workplan for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200708-09.pdf . The project consists of development of cleanup actions to remove soil contaminated with lead on 0.58 acres. The project is located at 4200 West Pico Boulevard on the southwest corner of West Pico Boulevard and South Crenshaw Boulevard in the City of Los Angeles. Reference LAC200708-09	Response to Comments	Department of Toxic Substances Control	Document reviewed - No comments sent for this document received
	Comment Period: N/A 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
Waste and Water-related ODP200724-03 Santa Susana Field Laboratory	The project consists of development of cleanup activities to excavate, remove, and dispose contaminated soil with polycyclic aromatic hydrocarbons, total petroleum hydrocarbons, and dioxins on a 450-acre portion of 2,850 acres. The project is located on the southeast corner of Service Area Road and Woolsey Canyon Road in Ventura County. Reference ODP191113-01, ODP181221-07, ODP180904-15, ODP180814-10, ODP170926-03, ODP170915-02, ODP170908-05, ODP170420-07, ODP170405-01, ODP140116-02, ODP131121-02, LAC131018-05, LAC130918-13, LAC110510-12, and ODP100930-02	Final Supplemental Environmental Impact Statement	National Aeronautics and Space Administration	Document reviewed - No comments sent for this document received
Waste and Water-related ORC200707-01 West Lincoln Assemblage	Comment Period: N/A Staff provided comments on the Draft Removal Action Workplan for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/ORC200623-02.pdf . The project consists of development of cleanup actions to remove soil contaminated with chlorinated solvents, installation of a vapor intrusion mitigation system, and a land use covenant to require monitoring and soil management for future development on 7.17 acres. The project is located at 1699 West Lincoln Avenue on the northeast corner of West Lincoln Avenue and Euclid Street in the City of Anaheim. Reference ORC200623-02 Comment Period: N/A Public Hearing: N/A	Response to Comments	Department of Toxics Substances Control	Document reviewed - No comments sent for this document received
Waste and Water-related ORC200723-01 Zone 4 Landfill Construction Projects and Source Separated Organics Facility	The project consists of excavation and removal of up to 3.3 million cubic yards of hard rock material, import of 8,108 cubic yards of soil for liner installation, and construction of a recycling facility with a receiving capacity of 300 tons per day of organic wastes on a 680-acre portion of 1,530 acres. The project is located at 32250 Avenida La Plata on the southeast corner of Avenida La Plata and Prima Deshecha in cities of San Juan Capistrano and San Clemente and unincorporated areas of Orange County. www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/August/ORC200723-01.pdf Comment Period: 7/23/2020 - 8/21/2020 Public Hearing: 7/30/2020	Notice of Preparation	Orange County Department of Waste and Recycling	South Coast AQMD staff commented on 8/19/2020
Waste and Water-related RVC200708-22 Vail Dam Seismic and Hydrologic Remediation Project	The project consists of seismic and structural improvements to an existing dam. The project is located within the northwest portion of Vail Lake in Riverside County. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200708-22.pdf Comment Period: 6/29/2020 - 7/29/2020 Public Hearing: 7/15/2020	Notice of Preparation	Rancho California Water District	South Coast AQMD staff commented on 7/21/2020

^{# -} 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
Waste and Water-related RVC200721-01 Goetz Road Portable Water Storage Tank and Transmission Pipeline	The project consists of construction of an eight-million-gallon potable water storage tank and a 5,490-linear-foot water pipeline 30 inches in diameter on 2.85 acres. The project is located on the northwest corner of Goetz Road and Sotelo Road and along Copper Ridge Drive between Peak Street and Murrieta Road in cities of Perris and Menifee. Reference RVC151202-02 and RVC151007-03	Draft Environmental Impact Report	Eastern Municipal Water District	Document reviewed - No comments sent for this document received
	Comment Period: 7/17/2020 - 8/31/2020 Public Hearing: N/A			
Waste and Water-related RVC200723-02 Southern California Edison San Jacinto	The project consists of development of cleanup actions to remove soil contaminated with polychlorinated biphenyls, arsenic, and lead on 0.14 acres. The project is located on the southwest corner of South San Jacinto Avenue and East Third Street in the City of San Jacinto. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/August/RVC200723-02.pdf	Draft Removal Action Workplan	Department of Toxic Substances Control	South Coast AQMD staff commented on 8/19/2020
	Comment Period: 7/24/2020 - 8/22/2020 Public Hearing: N/A			
Waste and Water-related SBC200708-10 American Metal Recycling	The project consists of development of cleanup actions to remediate soil contaminated with polychlorinated biphenyls and a land use covenant to prohibit future sensitive land uses on 10 acres. The project is located at 11150 Redwood Avenue near the northeast corner of Cherry Avenue and Jurupa Avenue in the City of Fontana. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/SBC200708-10.pdf Comment Period: 6/25/2020 - 7/27/2020 Public Hearing: N/A	Draft Preliminary Endangerment Assessment Report	Department of Toxic Substances Control	South Coast AQMD staff commented on 7/21/2020
Transportation ORC200708-15 Culver Drive and Alton Parkway Intersection Improvement Project	The project consists of construction of a new bus stop and associated roadway improvements to the Culver Drive and Alton Parkway intersection.	Mitigated Negative Declaration	City of Irvine	Document reviewed - No comments sent for this document received
	Comment Period: 7/2/2020 - 8/1/2020 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
Transportation ORC200708-16 Harvard Avenue and Michelson Drive Intersection Improvement Project	The project consists of construction of bike and pedestrian turn lanes and associated roadway improvements to the Harvard Avenue and Michelson Drive intersection.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Irvine	Document reviewed - No comments sent for this document received
	Comment Period: 7/2/2020 - 8/1/2020 Public Hearing: N/A			
Transportation RVC200728-03 Hamner Avenue Widening Project	The project consists of widening of a 0.63-mile segment of Hamner Avenue from four lanes to six lanes. The project is located between Citrus Street and Mississippi Drive.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Norco	Document reviewed - No comments sent for this document received
	Comment Period: 7/22/2020 - 8/10/2020 Public Hearing: N/A			
Transportation SBC200701-01 San Sevaine Trail, Segment 2	The project consists of construction of a 1.25-mile trail 12 feet in width. The project is located between the North Heritage Circle and Del Norte Street intersection in the City of Fontana and the Banyan Street and East Etiwanda Creek intersection in the City of Rancho Cucamonga.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Fontana	Document reviewed - No comments sent for this document received
-	Comment Period: 6/30/2020 - 7/30/2020		a va	0.10
Transportation SBC200716-03 Interstate 10 Eastbound Truck Climbing Lane Improvement Project	The project consists of reconfiguration of a three-mile segment of Interstate 10 (I-10) between the I-10 and Live Oak Canyon Road interchange in the City of Yucaipa and the I-10 and County Line Road interchange near the border of San Bernardino County and Riverside County. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/August/SBC200716-03.pdf	Notice of Intent to Adopt a Mitigated Negative Declaration	California Department of Transportation	South Coast AQMD staff commented on 8/7/2020
	Comment Period: 7/3/2020 - 8/10/2020 Public Hearing: 7/15/2020			

^{# -} 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
Institutional (schools, government, etc.) LAC200708-13 Wilson Middle School Multi-Purpose Field Project	The project consists of construction of a multi-purpose sports field and associated paving, lighting, and landscaping on 3.85 acres. The project is located at 1221 Monterey Road on the southwest corner of Glenoaks Boulevard and Verdugo Road. Reference LAC170803-01	Notice of Availability of Draft Environmental Impact Report	City of Glendale	Document reviewed - No comments sent for this document received
	Comment Period: 6/25/2020 - 8/24/2020 Public Hearing: 8/13/2020			
Institutional (schools, government, etc.) LAC200708-26 Palm Crest Elementary School Modernization Project	The project consists of construction of a 23,184-square-foot building and renovation of 18 existing classrooms on 9.15 acres. The project is located on the northwest corner of Palm Drive and Tulip Tree Lane in the City of La Canada Flintridge.	Notice of Intent to Adopt a Mitigated Negative Declaration	La Canada Unified School District	Document reviewed - No comments sent for this document received
	Comment Period: 7/1/2020 - 8/3/2020 Public Hearing: N/A			
Institutional (schools, government, etc.)	The project consists of demolition of an existing fire station and construction of a temporary	Notice of	City of Long Beach	Document
LAC200714-01 Fire Station No. 9 Replacement Project	modular structure on 0.13 acres. The project is located at 3917 Long Beach Boulevard near the northwest corner of Long Beach Boulevard and East Roosevelt Boulevard. Reference LAC191114-01	Availability of a Draft Environmental Impact Report		reviewed - No comments sent for this document received
	Comment Period: 7/10/2020 - 8/24/2020 Public Hearing: N/A			
Institutional (schools, government, etc.)	The project consists of construction of heating, ventilation, and air conditioning, improvements to	Notice of Intent	Long Beach	Document
LAC200714-05 Avalon K-12 HVAC, ADA, Contaminated Soil Removal, and New Synthetic Turf Field Project	an existing sports field, and removal of contaminated soil with arsenic, lead, and dioxin on 11.5 acres. The project is located at 200 Falls Canyon Road near the southwest corner of Falls Canyon Road and Avalon Canyon Road in the City of Avalon.	to Adopt a Mitigated Negative Declaration	Unified School District	reviewed - No comments sent for this document received
	Comment Period: 7/13/2020 - 8/17/2020 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
Institutional (schools, government, etc.) LAC200722-01 ENV-2018-6160: 233-245 N Westmoreland Ave.	The project consists of demolition of an existing building and construction of a 24,360-square-foot building with 20 classrooms to accommodate up to 480 students on 53,352 square feet. The project is located on the northeast corner of Madison Avenue and Cosmopolitan Street in the community of Wilshire.	Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
	Comment Period: 7/23/2020 - 8/24/2020 Public Hearing: N/A			
Institutional (schools, government, etc.) RVC200708-14 2021 Long Range Development Plan	The project consists of development of strategies, actions, and programs to accommodate increases in enrollment capacity from 23,922 students to 35,000 students and 3.7 million square feet of academic buildings with a planning horizon of 2036 on 1,108 acres. The project is located on the southeast corner of Blaine Street and Watkins Drive in the City of Riverside. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/August/RVC200708-14.pdf	Notice of Preparation	Regents of the University of California	South Coast AQMD staff commented on 8/4/2020
	Comment Period: 7/7/2020 - 8/6/2020 Public Hearing: 7/29/2020			
Institutional (schools, government, etc.) RVC200724-01 Beaumont High School Expansion	The project consists of demolition of existing school facilities and construction of two buildings totaling 50,000 square feet to accommodate up to 1,344 students on a 34-acre portion of 62 acres. The project is located at 39139 Cherry Valley Boulevard on the northwest corner of Beaumont Avenue and Cherry Valley Boulevard. Reference RVC200617-02	Notice of Availability of a Draft Environmental Impact Report	Beaumont Unified School District	Under review, may submit written comments
IN P. IE. W.	Comment Period: 7/27/2020 - 9/10/2020 Public Hearing: 9/15/2020	D 6	C'. CW711	D
Medical Facility RVC200708-07 Baxter Village Mixed-Use Project	The project consists of demolition of a 75,000-square-foot retail center, and construction of an 84,000-square-foot medical office and a hotel with 102 rooms on 9.6 acres. The project is located on the northeast corner of Baxter Road and White Street. Reference RVC200423-01, RVC160518-01, and RVC160105-01	Draft Supplemental Environmental Impact Report	City of Wildomar	Document reviewed - No comments sent for this document received
	Comment Period: 6/23/2020 - 8/6/2020 Public Hearing: 8/19/2020			

^{# -} 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
Retail LAC200715-01 ENV-2019-7523: 1434-1456 South Robertson Boulevard	The project consists of demolition of 15,698 square feet of existing structures and construction of a hotel with 131 rooms and subterranean parking on 25,867 square feet. The project is located on the southeast corner of Alcott Street and South Robertson Boulevard in the community of Wilshire.	Mitigated Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
	Comment Period: 7/16/2020 - 8/5/2020 Public Hearing: N/A			
Retail ORC200716-05 Hotel 55 Project	The project consists of demolition of an existing 10,616-square-foot building and construction of a 55,300-square-foot hotel with 125 rooms on 0.68 acres. The project is located at 1730 South Clementine Street on the northwest corner of Interstate 5 and Katella Avenue.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Anaheim	Document reviewed - No comments sent for this document received
	Comment Period: 7/16/2020 - 8/8/2020 Public Hearing: 8/17/2020			
Retail SBC200716-02 Arbor Express Car Wash	The project consists of construction of a 5,865-square-foot car wash facility and a 1,428-square-foot car detailing service facility on 1.36 acres. The project is located on the northwest corner of Arrow Route and Archibald Avenue.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Rancho Cucamonga	Document reviewed - No comments sent for this document received
D. c. 21	Comment Period: 7/8/2020 - 8/12/2020	N-4:£ I44	City of Dielto	South Coast
Retail SBC200728-06 Alder/Renaissance Project	The project consists of construction of a 7,948-square-foot convenience store, a 2,542-square-foot restaurant, 11 fuel islands with 16 gasoline pumps and four diesel pumps, and 6,476 square feet of fueling canopies on 4.2 acres. The project is located on the southeast corner of Renaissance Parkway and Alder Avenue. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/August/SBC200728-06.pdf	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Rialto	AQMD staff commented on 8/6/2020
	Comment Period: 7/18/2020 - 8/6/2020 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.) LAC200708-04 Plot Plan Review No. 995	The project consists of construction of 133 residential units totaling 203,563 square feet on 5.74 acres. The project is located on the northwest corner of Jillson Street and East Eastern Avenue.	Notice of Intent to Adopt a Mitigated Negative	City of Commerce	Document reviewed - No comments sent for this
	Comment Period: 6/30/2020 - 7/20/2020 Public Hearing: 7/20/2020	Declaration		document received
General Land Use (residential, etc.)	The project consists of construction of 1,527 residential units totaling 1,523,528 square feet,	Notice of	City of Los Angeles	South Coast AQMD staff
LAC200708-06 The District NoHo Project	645,499 square feet of retail uses, and 297,925 square feet of open space on 15.9 acres. The project is located near the southeast corner of Burbank Boulevard and Lankershim Avenue in the community of North Hollywood.	Preparation		commented on 8/4/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/August/LAC200708-06.pdf			
	Comment Period: 7/7/2020 - 8/10/2020 Public Hearing: 7/15/2020			
General Land Use (residential, etc.)	The project consists of demolition of two existing buildings totaling 6,844 square feet, and	Draft	City of Los Angeles	Document
LAC200708-12 2143 Violet Street	construction of 302,604 square feet of residential uses with 347 units, 187,374 square feet of office uses, and 21,858 square feet of retail uses with subterranean parking on 2.2 acres. The project is located near the southeast corner of Santa Fe Avenue and Seventh Place in the community of Central City North. Reference LAC180525-02	Environmental Impact Report		reviewed - No comments sent for this document received
	Comment Period: 6/18/2020 - 8/3/2020 Public Hearing: N/A			
General Land Use (residential, etc.)	The project consists of demolition of 175,000 square feet of commercial uses, and construction of	Mitigated	City of Gardena	Document reviewed -
LAC200708-21	113 residential units totaling 137,800 square feet and 5,050 square feet of retail uses on 5.47 acres. The project is located near the northeast corner of Rosecrans Avenue and Van Ness	Negative Declaration		No
Rosecrans Place Project - Revised Site Plan	Avenue.	Securation		comments sent for this document received
	Comment Period: 7/2/2020 - 7/21/2020 Public Hearing: 8/4/2020			

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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.) LAC200708-23 Seven Patios Mixed Use Residential/Commercial Retail Project	The project consists of construction of 60 residential units and 6,100 square feet of retail uses on 1.61 acres. The project is located near the southwest corner of El Centro Street and Orange Grove Avenue.	Mitigated Negative Delcaration	City of South Pasadena	Document reviewed - No comments sent for this document received
	Comment Period: 6/30/2020 - 7/29/2020 Public Hearing: N/A			
General Land Use (residential, etc.) LAC200716-04 Modelo Project	The project consists of construction of 850 residential units and 165,000 square feet of retail uses with subterranean parking on 17.32 acres. The project is located on the southwest corner of Interstate 5 and Zindell Avenue. Reference LAC190820-01	Notice of Availability of a Draft Environmental Impact Report	City of Commerce	Under review, may submit written comments
	Comment Period: 7/16/2020 - 8/31/2020 Public Hearing: 8/1/2020			
General Land Use (residential, etc.) LAC200716-06 1688 West Garvey Avenue Residential Project	The project consists of construction of 16 residential units on 6.22 acres. The project is located on the southwest corner of Garvey Avenue and Abajo Drive.	Notice of Preparation	City of Monterey Park	South Coast AQMD staff commented on 8/4/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/August/LAC200716-06.pdf			
	Comment Period: 7/10/2020 - 8/10/2020 Public Hearing: N/A			
General Land Use (residential, etc.) LAC200728-02 6220 West Yucca Project (ENV-2014-4706)	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/2020/June/LAC200423-05.pdf . The project consists of demolition of 44 existing residential units, and construction of two buildings totaling 316,948 square feet with 210 residential units, a 136-room hotel, and subterranean parking on 1.16 acres. The project is located on the southeast corner of Yucca Street and Argyle Avenue in the community of Hollywood. Reference LAC200423-05 and LAC151201-04	Final Environmental Impact Report	City of Los Angeles	Document reviewed - No comments sent for this document received
	Comment Period: N/A Public Hearing: 8/19/2020			

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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.) ORC200708-20 Legacy at Coto	The project consists of construction of a 154,131-square-foot senior living facility with 101 units and subterranean parking on 3.86 acres. The project is located near the southeast corner of Avenida La Caza and Via Pavo Real.	Notice of Intent to Adopt a Mitigated Negative Declaration	County of Orange	Document reviewed - No comments sent for this document received
	Comment Period: 6/26/2020 - 7/31/2020 Public Hearing: N/A			
General Land Use (residential, etc.)	The project consists of demolition of 25,950 square feet of existing buildings, and construction of	Notice of	City of Brea	Under review, may
ORC200724-02 Brea Plaza Hotel and Apartments Expansion Project	a 92,538-square-foot hotel with 150 rooms, 194 residential units totaling 229,855 square feet, and 22,882 square feet of commercial uses on a 3.8-acre portion of 16 acres. The project is located on the northwest corner of East Imperial Highway and South Associated Road.	Preparation		submit written comments
	Comment Period: 7/27/2020 - 8/26/2020 Public Hearing: 8/12/2020			
General Land Use (residential, etc.)	The project consists of construction of 236 residential units, a 25,402-square-foot office building,	Site Plan	City of Menifee	South Coast
RVC200707-02 Boulders Mixed Use	and an 8,223-square-foot daycare center on 9.92 acres. The project is located on the northeast corner of Berea Road and Normandy Road.			AQMD staff commented on 7/21/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200707-02.pdf			
	Comment Period: 7/2/2020 - 7/21/2020 Public Hearing: 7/21/2020			
General Land Use (residential, etc.)	The project consists of construction of 88 residential units totaling 210,000 square feet on 14.4	Notice of	City of Murrieta	South Coast
RVC200708-17 Washington/Nutmeg Multifamily Development Project	acres. The project is located on the northeast corner of Washington Avenue and Nutmeg Street.	Preparation		AQMD staff commented on 7/15/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200708-17.pdf			
	Comment Period: 6/16/2020 - 7/15/2020 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.)	The project consists of construction of 237 residential units totaling 253,170 square feet on 9.4		City of Riverside	South Coast
RVC200708-19 Crestview Apartments Project	acres. The project is located on the northwest corner of Central Avenue and Sycamore Canyon Boulevard. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200708-19.pdf	Preparation		AQMD staff commented on 7/23/2020
	Comment Period: 6/30/2020 - 7/30/2020 Public Hearing: 7/22/202	20		
General Land Use (residential, etc.)	The project consists of construction of 50 residential units totaling 183,500 square feet and a gr		City of Rancho	Under review, may
RVC200728-05 Porcupine Creek Retreat Specific Plan Project	course with 18 holes on 191 acres. The project is located near the southwest corner of Highway 111 and Mirage Road.	y Preparation	Mirage	submit written comments
	Comment Period: 7/27/2020 - 8/27/2020 Public Hearing: N/A			
General Land Use (residential, etc.)	The project consists of construction of 42 residential units on 2.77 acres. The project is located the southeast corner of Village Drive and Orangewood Drive.	d on Mitigated Negative	City of Chino Hills	Document reviewed -
SBC200708-01 Reserve at Chino Hills Apartment Complex Final Phase Project	the southeast corner of viriage Drive and Grangewood Drive.	Declaration		No comments sent for this document received
	Comment Period: 6/20/2020 - 7/10/2020 Public Hearing: N/A			
General Land Use (residential, etc.)	The project consists of construction of 203 residential units on 59.03 acres. The project is local		City of Highland	Document
SBC200708-08 Heatherglen Planned Development	near the southeast corner of Church Street and Greenspot Road. Reference SBC200303-02	Availability of a Draft Environmental Impact Report		reviewed - No comments sent for this document received
	Comment Period: 6/26/2020 - 8/10/2020 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
Plans and Regulations LAC200708-18 The Metropolitan Water District of Southern California Climate Action Plan	The project consists of assessment of historic greenhouse gas (GHG) emissions and development of strategies and programs to guide GHG emissions reductions with a planning horizon of 2045. The project encompasses 5,200 square miles of service area and includes counties of Los Angeles, Orange, Riverside, San Bernardino, San Diego, and Ventura. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200708-18.pdf	Preparation	Metropolitan Water District of Southern California	South Coast AQMD staff commented on 7/21/2020
Plans and Regulations	Comment Period: 6/23/2020 - 7/22/2020 Public Hearing: 7/15/2020	Notice of	City of Montclair	Document
SBC200714-04 Montclair Place District Specific Plan Project	The project consists of development of design guidelines and standards to guide future residential, commercial, and retail projects with a planning horizon of 2040 on 104.35 acres. Th project is located southeast corner of Moreno Street and Central Avenue. Reference SBC190521-10	e Availability of a Draft Environmental Impact Report	City of Montelan	reviewed - No comments sent for this document received
	Comment Period: 7/10/2020 - 8/24/2020 Public Hearing: 8/10/2020			

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SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Transportation LAC200526-01 California High-Speed Rail Project: Burbank to Los Angeles Section	The project consists of construction of a 14-mile rail track for freight and passenger services between Hollywood Burbank Airport in the City of Burbank and Los Angeles Union Station in the City of Los Angeles. Reference LAC140729-04	Notice of Availability of a Draft Environmental Impact Report/ Draft Environmental Impact Statement	California High- Speed Rail Authority	Under review, may submit written comments
	Comment Period: 5/29/2020 - 8/31/2020 Public Hearing: 7/8/2020			
Plans and Regulations	The project consists of development of a countywide zoning requirement, design standards,	Notice of	County of Los	Under
LAC200616-01 Green Zones Ordinance	and strategies to enhance public health and land use compatibility. The project also establishes green zone districts in communities of Avocado Heights, East Los Angeles, East Rancho Dominguez, Florence-Firestone, South San Jose Hills, Walnut Park, West Athens-Westmont, West Carson, West Rancho Dominguez-Victoria, Whittier-Los Nietos, and Willowbrook within Los Angeles County.	Preparation	Angeles	review, may submit written comments
	Comment Period: 6/16/2020 - 8/24/2020 Public Hearing: 7/13/2020	27.1.0	G. 0.0	
Warehouse & Distribution Centers	The project consists of demolition of 112,953 square feet of existing structures and construction of a 114,898-square-foot warehouse on 5.65 acres. The project is located at 5200	Notice of Preparation	City of Commerce	South Coast AQMD staff
LAC200623-09 Plot Plan Review: 5200 Sheila Street Project	Sheila Street near the southeast corner of Ralph Lieberman Avenue and Sheila Street. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200623-09.pdf	Freparation		commented on 7/16/2020
	Comment Period: 6/12/2020 - 7/14/2020			
Warehouse & Distribution Centers	The project consists of construction of a 292,400-square-foot warehouse on 14.3 acres. The project is located on the southwest corner of East 223rd Street and Tesoro Campus Drive.	Notice of Intent to Adopt a	City of Carson	South Coast AQMD staff
LAC200626-02 Panattoni Project	project is located on the southwest corner of East 225rd Street and Tesoro Campus Drive.	Mitigated Negative Declaration		commented on 7/16/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200626-02.pdf			
	Comment Period: 6/18/2020 - 7/17/2020 Public Hearing: N/A			

^{*}Sorted by Comment Status, followed by Land Use, then County, then date received.

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SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Warehouse & Distribution Centers ORC200611-30 Amazon Distribution Center	The project consists of demolition of existing structures and construction of a logistics facility on 22.9 acres. The project is located on the southwest corner of Katella Avenue and Holder Street. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/ORC200611-30.pdf	Notice of Preparation	City of Cypress	South Coast AQMD staff commented on 7/1/2020
Warehouse & Distribution Centers RVC200611-28 Barker Logistics, LLC Project	Comment Period: 6/5/2020 - 7/6/2020 Public Hearing: 6/18/2020 The project consists of construction of a 699,630-square-foot warehouse on 31.55 acres. The project is located on the northeast corner of Placentia Avenue and Patterson Street in the community of Mead Valley. Reference RVC190924-01 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200611-28.pdf Comment Period: 6/10/2020 - 7/24/2020 Public Hearing: N/A	Draft Environmental Impact Report	County of Riverside	AQMD staff commented on 7/22/2020
Warehouse & Distribution Centers SBC200522-01 Majestic Chino Heritage Project	The project consists of construction of two warehouses totaling 2,082,750 square feet on 96.9 acres. The project is located on the southwest corner of Mountain Avenue and Bickmore Avenue. Reference SBC190322-09 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/SBC200522-01.pdf Comment Period: 5/22/2020 - 7/7/2020 Public Hearing: N/A	Notice of Availability of a Draft Environmental Impact Report	City of Chino	South Coast AQMD staff commented on 7/7/2020
Warehouse & Distribution Centers SBC200623-06 Design Review Application No. 19-008	The project consists of construction of a 19,600-square-foot warehouse on 1.48 acres. The project is located at 27002 Meines Street on the northwest corner of Meines Street and Palm Avenue. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/SBC200623-06.pdf Comment Period: 6/23/2020 - 7/7/2020 Public Hearing: N/A	Site Plan	City of Highland	South Coast AQMD staff commented on 7/1/2020
Industrial and Commercial LAC200506-03 1633 26th Street Office Project	The project consists of demolition of 104,469 square feet of existing buildings and construction of 129,265 square feet of office uses on 2.01 acres. The project is located on the southeast corner of Colorado Avenue and 26th Street. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200506-03.pdf Comment Period: 5/6/2020 - 7/5/2020 Public Hearing: 5/19/2020	Notice of Preparation	City of Santa Monica	South Coast AQMD staff commented on 7/1/2020

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SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Industrial and Commercial LAC200521-02 Sunset Gower Studios Enhancement Plan	The project consists of demolition of 160,611 square feet of existing structures and construction of three office buildings totaling 693,432 square feet with subterranean parking on 15.9 acres. The project is located on the southeast corner of Sunset Boulevard and Gower Street in the community of Hollywood. Reference LAC180227-04 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200521-02.pdf	Draft Environmental Impact Report	City of Los Angeles	South Coast AQMD staff commented on 7/1/2020
Industrial and Commercial	Comment Period: 5/21/2020 - 7/6/2020 Public Hearing: N/A The project consists of conversion of existing crude oil refinery to a renewable fuels production	Notice of	City of Paramount	South Coast
LAC200623-07 Paramount Petroleum AltAir Renewable Fuels Project	facility, installation of pre-treatment, processing, and recovery units, and construction of rail loading and unloading racks and pipelines on 66 acres. The project is located at 14700 Downey Avenue near the northwest corner of Somerset Boulevard and Lakewood Boulevard. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200623-07.pdf	Preparation	City of Paramount	AQMD staff commented on 7/7/2020
	Comment Period: 6/4/2020 - 7/4/2020 Public Hearing: N/A			
Waste and Water-related LAC200623-01 Arroyo Seco Canyon Project Areas 2 and 3	The project consists of demolition of an existing water diversion and intake structure, construction of an intake system with a flow rate of 25 cubic feet per second, and improvements to existing spreading basins for infiltration. The project is located on the southwest corner of Explorer Road and North Arroyo Boulevard. Reference LAC191105-01 and LAC141009-06 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200623-01.pdf	Notice of Availability of a Draft Environmental Impact Report	City of Pasadena	South Coast AQMD staff commented on 7/31/2020
	Comment Period: 6/15/2020 - 7/31/2020 Public Hearing: N/A			
Waste and Water-related LAC200623-08 DeMenno-Kerdoon	The project consists of modifications to an existing hazardous waste facility permit to approve acceptance and mixing of recycled and exempt oil with used oil for storage and treatment and to change operation and management standards. The project is located at 2000 North Alameda Street on the southeast corner of East Pine Street and North Alameda Street in the City of Compton. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200623-08.pdf Comment Period: N/A Public Hearing: N/A	Permit Modification	Department of Toxic Substances Control	South Coast AQMD staff commented on 7/7/2020
Waste and Water-related ORC200623-02 West Lincoln Assemblage	The project consists of development of cleanup actions to remove soil contaminated with chlorinated solvents, installation of a vapor intrusion mitigation system, and a land use covenant to require monitoring and soil management for future development on 7.17 acres. The project is located at 1699 West Lincoln Avenue on the northeast corner of West Lincoln Avenue and Euclid Street in the City of Anaheim.	Draft Removal Action Workplan	Department of Toxic Substances Control	South Coast AQMD staff commented on 7/1/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/ORC200623-02.pdf Comment Period: 6/16/2020 - 7/17/2020 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 LAC200604-01 I-105 Express Lanes Project	The project consists of conversion of existing 17.6 miles of high occupancy vehicle lane to express toll lanes and construction of roadway improvements along Interstate 105 (I-105) between the interchange of I-105 and Interstate 405 in the City of Los Angeles and the interchange of I-105 and Studebaker Road in the City of Norwalk. The project traverses through cities of El Segundo, Inglewood, Hawthorne, Los Angeles, Lynwood, South Gate, Paramount, Downey, and Norwalk and unincorporated areas of Los Angeles County. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200604-01.pdf	Notice of Availability of a Draft Environmental Impact Report/ Environmental Assessment	California Department of Transportation	South Coast AQMD staff commented on 7/6/2020
I	Comment Period: 5/22/2020 - 7/6/2020 Public Hearing: 7/15/2020 The project application of description of the project of the period of the pe	Notice of	D	Caustle Caust
Institutional (schools, government, etc.) RVC200617-02 Beaumont High School Expansion	The project consists of demolition of existing school facilities and construction of two buildings totaling 50,000 square feet to accommodate up to 1,344 students on a 34-acre portion of 62 acres. The project is located at 39139 Cherry Valley Boulevard on the northwest corner of Beaumont Avenue and Cherry Valley Boulevard. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200617-02.pdf	Preparation	Beaumont Unified School District	South Coast AQMD staff commented on 7/20/2020
	Comment Period: 6/19/2020 - 7/20/2020 Public Hearing: N/A			
Retail RVC200611-20 Oak Valley Parkway and Interstate 10 Commercial Development Project	The project consists of construction of a 3,800-square-foot convenience store, a 1,500-square-foot car wash facility, a 4,000-square-foot restaurant, and a gasoline service station with 18 pumps on 3.03 acres. The project is located on the southwest corner of Oak Valley Parkway and Interstate 10. Reference RVC200514-01, RVC200402-02, and RVC200124-03 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200611-20.pdf	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Beaumont	South Coast AQMD staff commented on 7/9/2020
	Comment Period: 6/9/2020 - 7/9/2020 Public Hearing: 7/14/2020			
Retail RVC200626-01 Costco/Vineyard II Retail Development	The project consists of construction of a 153,362-square-foot warehouse, 16,000 square feet of retail uses, 3,600 square feet of restaurant uses, a 37,000-square-foot fitness center, and a gasoline service station with 32 pumps on 16.4 acres. The project is located on the northeast corner of Clinton Keith Road and Antelope Road. Reference RVC180628-03 https://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200626-01.pdf	Notice of Availability of a Draft Environmental Impact Report	City of Murrieta	South Coast AQMD staff commented on 7/2/2020
	Comment Period: 5/20/2020 - 7/6/2020 Public Hearing: 8/26/2020			
General Land Use (residential, etc.) RVC200617-03 PAR1314	The project consists of construction of 78 residential units on a 15.8-acre portion of 130.8 acres and 114.3 acres of open space. The project is located on the northeast corner of Sierra Avenue and Karen Lane.	Site Plan	City of Jurupa Valley	South Coast AQMD staff commented on
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200617-03.pdf			7/1/2020
	Comment Period: 6/17/2020 - 7/6/2020 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.)	The project consists of subdivision of 6.92 acres for future development of 49 residential	Site Plan	City of Jurupa	South Coast
RVC200625-01 MA20086	units. The project is located at 7586 Jurupa Road on the southeast corner of Jurupa Road & Kirby Road.	and	Valley	AQMD staff commented
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200625-01.pdf			on 7/1/2020
	Comment Period: 6/25/2020 - 7/9/2020 Public Hearing: N/A	A		
Plans and Regulations	The project consists of updates to the City General Plan Housing Element and assessment		City of Covina	South Coast
LAC200611-14 Covina 2014-2021 Housing Element	housing needs, resources, and development constraints. The project encompasses 7.04 squ miles and is bounded by unincorporated areas of Los Angeles County to the north and east Interstate 10 to the south, and cities of Irwindale and West Covina to the west. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200611-14.pdf			AQMD staff commented on 7/21/2020
	Comment Period: 6/2/2020 - 7/24/2020 Public Hearing: N/A	A		
Plans and Regulations	The project consists of development of land use policies, development standards, and desi	ign Notice of	City of Rancho	South Coast
RVC200611-26 Highway 111 Specific Plan	guidelines with a planning horizon of 2040 on 684 acres. The project is located along Stat Route 111 between East Palm Canyon Drive and Country Club Drive.	te Preparation	Mirage	AQMD staff commented on
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200611-26.pdf			7/1/2020
	Comment Period: 6/8/2020 - 7/7/2020 Public Hearing: 6/1/	7/2020		

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ATTACHMENT C ACTIVE SOUTH COAST AQMD LEAD AGENCY PROJECTS THROUGH JULY 31, 2020

PROJECT DESCRIPTION	PROPONENT	TYPE OF DOCUMENT	STATUS	CONSULTANT
Quemetco is proposing to modify existing South Coast AQMD permits to allow the facility to recycle more batteries and to eliminate the existing daily idle time of the furnaces. The proposed project will increase the rotary feed drying furnace feed rate limit from 600 to 750 tons per day and increase the amount of total coke material allowed to be processed. In addition, the project will allow the use of petroleum coke in lieu of or in addition to calcined coke, and remove one existing emergency diesel-fueled internal combustion engine (ICE) and install two new emergency natural gas-fueled ICEs.	Quemetco	Environmental Impact Report (EIR)	A Notice of Preparation/Initial Study (NOP/IS) was released for a 56-day public review and comment period from August 31, 2018 to October 25, 2018, and 154 comment letters were received. Two CEQA scoping meetings were held on September 13, 2018 and October 11, 2018 in the community. South Coast AQMD staff received a preliminary Draft EIR on December 20, 2019 which is undergoing review.	Trinity Consultants



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 17

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

SYNOPSIS: This report summarizes the RFPs/RFQs for budgeted services over

\$100,000 scheduled to be released for advertisement for the month

of September.

COMMITTEE: Administrative, August 14, 2020, Reviewed

RECOMMENDED ACTION:

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

Wayne Nastri Executive Officer

SJ:tm

Background

At its January 10, 2020 meeting, the Board approved a revised Procurement Policy and Procedure. Under the revised policy, RFPs/RFQs for budgeted items over \$100,000, which follow the Procurement Policy and Procedure, no longer require individual Board approval. However, a monthly report of all RFPs/RFQs over \$100,000 is included as part of the Board agenda package and the Board may, if desired, take individual action on any item. The report provides the title and synopsis of the RFP/RFQ, the budgeted funds available, and the name of the Deputy Executive Officer/Asst. Deputy Executive Officer responsible for that item. Further detail including closing dates, contact information, and detailed proposal criteria will be available online at http://www.aqmd.gov/grants-bids following Board approval on September 4, 2020.

Outreach

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

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

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

Proposal Evaluation

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

Attachment

Report of RFPs/RFQs Scheduled for Release in September 2020

September 4, 2020 Board Meeting Report on RFP/RFQs Scheduled for Release on September 4, 2020

(For detailed information visit SCAQMD's website at http://www.aqmd.gov/nav/grants-bids following Board approval on September 4, 2020)

SPECIAL TECHNICAL EXPERTISE

RFP#P2021-03 Issue Request for Proposal to Hire Outside GILCHRIST/3459 Counsel, Establish a Prequalified List

From time to time the South Coast AQMD requires the assistance of outside litigation counsel having expertise and experience in areas including, but not limited to, the California Environmental Quality Act, air quality laws, administrative law. Brown the Act. representation of government agencies, constitutional issues, Clean Air Act issues, and environmental litigation. prequalified list was approved by the Governing Board in 2017. This RFP has two purposes: to solicit qualified law firms or sole practitioners in order to establish a prequalified list that General Counsel may use to represent the South Coast AQMD in ongoing and possible future litigation counsel where outside is required environmental matters; and, to solicit qualified law firms or sole practitioners in order to establish a prequalified list that General Counsel may use to represent the South Coast AQMD in ongoing and possible future litigation where outside counsel is required for general governmental matters. The list will be valid for a three-year period. Funding for this contract will be requested in the FY 2020-21 budget and in subsequent fiscal year budgets in the amount of \$250,000 annually for up to three years.

RFQ 2021-01

Request for Quotation (RFQ) for Compressed Gases and Cryogenic Liquids for the South Coast AQMD Laboratory

LOW/2269

To identify and prequalify vendors interested in providing compressed pure gases and or cryogenic liquids to South Coast AQMD Laboratory from November 1, 2020 through June 30, 2023.

Total dollar amount - \$180,000

RFQ 2021-02

Issue RFQ to Establish List of Prequalified Vendors for Mailing Services

OLVERA/2309

South Coast AQMD periodically utilizes outside mailing services, including folding, inserting, sealing, removing duplicate addresses, labeling, tabbing and metering, as well as pick-up and delivery of mailing materials. Through this RFQ, South Coast AQMD seeks to establish a prequalified vendor list for mailing services. The list generated by this RFQ process will be used for a three-year period and vendors on the list will be given an opportunity to bid competitively on mailing jobs, as the need arises.



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 18

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights South Coast AQMD rulemaking activities

and public hearings scheduled for 2020.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:

Receive and file.

Wayne Nastri Executive Officer

PMF:SN:SR:AK:ZS

2020 MASTER CALENDAR

The 2020 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 BARCT, or Other. Rulemaking efforts that are noted for implementation of the 2016 AQMP, Toxics, and AB617 BARCT are either statutorily required and/or are needed to address a public health concern. Projected emission reductions will be determined during rulemaking.

The South Coast AQMD staff is moving forward with rulemaking, recognizing stakeholders' resource limitations due to COVID-19. To maintain social distancing while integrating public participation in the rulemaking process, staff is connecting with stakeholders using tele- and videoconferencing. Also, staff has increased the review time of Working Group materials to allow stakeholders additional time to prepare for meetings. Lastly, Working Group Meetings have been restructured to be shorter in duration to better accommodate the tele- and video-conferencing format.

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 is a potentially significant hearing.
- ⁺ 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 summarizes changes to the schedule since last month's Rule and Control Measure Forecast Report. Staff will continue to work with all stakeholders as these projects move forward.

On-Road Motor Vehicle Mitigation Options

Proposed Amended Rule 2202 is being moved from December 2020 to 2020 To-Be-Determined to allow staff additional time to evaluate appropriate rule concepts given the likely long-term adoption of telework. Rule 2202 provides employers with a menu of options to reduce mobile source emissions generated from employee commutes. The initial rule concepts staff evaluated for the proposed amendment are no longer relevant given the widespread use of telework as a result of the COVID-19 pandemic.

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

Rule 1146 is moved from TBD to December 2020 to incorporate amendments that are needed to remove the ammonia slip limit in the rule which is currently addressed under Regulation XIII New Source Review.

2020 MASTER CALENDAR

Month	Title and Description	Type of
October	•	Rulemaking
1179.1*+	NOx Emission Reductions from Combustion Equipment at Publicly	AQMP/
	Owned Treatment Work Facilities	AB 617
	Proposed Rule 1179.1 will establish NOx emission limits for combustion	BARCT
	equipment burning biofuels to reflect Best Available Retrofit Control	
	Technology and include monitoring, reporting, and recordkeeping	
	requirements at publicly owned treatment works.	
	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
November		
1178	Further Reductions of VOC Emissions from Storage Tanks at	AB 617
	Petroleum Facilities	CERP
	Proposed Amended Rule 1178 will establish provisions for external	
	floating roof tanks that exceed vapor pressure limits. Michael Morris 909.396-3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
December		
219	Equipment Not Requiring a Written Permit Pursuant to	Other
	Regulation II	
	Proposed Amended Rule 219 will modify permitting requirements for	
	mobile fueling operations.	
222	Filing Requirements for Specific Emission Sources not Requiring a	
	Written Permit Pursuant to Regulation II	
	Proposed Amended Rule 222 will require registration for mobile fueling	
	operations meeting certain criteria.	
461	Gasoline Transfer and Dispensing	
	Proposed Amended 461 will revise requirements for mobile refueling operations.	
	Jillian Wong 909.396.3176; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	

^{*} 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

2020 MASTER CALENDAR (Continued)

Month December (Continued)	Title and Description	Type of Rulemaking
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 Rule 442.1 will prohibit the sale, distribution, and application	
	of materials that do not meet the VOC limits specified in Regulation XI	
	rules. Proposed amendments may also be needed to prohibit	
	circumvention of VOC limits in Rules 1107, 1124, 1136, 1145, and	
	1171.	
115	Tracy Goss 909.396.3106; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	AOMD
445	Wood Burning Devices (Ozone Contingency)	AQMP
	Proposed Amended Rule 445 will include contingency provisions in the	
	event the region fails to attain the ozone federal ambient air quality	
	standards or to meet any reasonable further progress requirements. **Tracy Goss 909.396.3106; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244*	
1146#	Emissions of Oxides of Nitrogen from Industrial, Institutional, and	Other
	Commercial Boilers, Steam Generators, and Process Heaters	
	Proposed amendments to Rule 1146 are needed to remove the ammonia slip	
	limit in the rule which is currently addressed under Regulation XIII New	
	Source Review.	
	Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	

^{*} 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

2020 MASTER CALENDAR (Continued)

Month December (Continued)	Title and Description	Type of Rulemaking
1147*+#	NOx Reductions from Miscellaneous Sources	AQMP/
	Proposed Amended Rule 1147 will revise NOx emission limits to reflect	AB 617
	Best Available Retrofit Control Technology for miscellaneous	BARCT
	combustion sources and that will apply to RECLAIM and non-	
	RECLAIM facilities.	
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.	
	Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1407.1*	Control of Toxic Air Contaminant Emissions from Chromium Alloy	Toxics/
	Melting Operations	AB 617
	Proposed Rule 1407.1 will establish requirements to reduce point source	CERP
	and fugitive toxic air contaminant emissions from chromium alloy metal	
	melting operations.	
	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	

^{*} 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

2020 To-Be-Determined

2020	Title and Description	Type of Rulemaking
209	Transfer and Voiding of Permits	Other
	Staff may propose amendments to clarify requirements for change of	
	ownership and permits and the assessment of associated fees.	
218*#	Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244 Continuous Emission Monitoring	AQMP
218.1	Continuous Emission Monitoring Performance Specifications	AQMI
218.1	Enhanced Requirements for Continuous Emission Monitoring	
(Added)	System	
218.3	Enhanced Requirements for Continuous Emission Monitoring	
(Added)	System Performance Specifications	
(ridded)	Proposed Amended Rules 218 and 218.1 will include existing provisions	
	for continuous emissions monitoring systems for non-RECLAIM	
	facilities with minor revisions. The revised provisions that enhance	
	requirements for Continuous Emissions Monitoring Systems (CEMS)	
	will be included in separate rules, Proposed Rules 218.2 and 218.3, to	
	streamline implementation. As a result, Proposed Rules 218.2 and 218.3	
	will incorporate the revised provisions for CEMS for non-RECLAIM	
	and former RECLAIM facilities.	
	Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
223	Emission Reduction Permits for Large Confined Animal Facilities	AQMP
	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: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
407#	Liquid and Gaseous Air Contaminants	AB 617
	Proposed Amended Rule 407 will update SOx emission limits to reflect	BARCT
	Best Available Retrofit Control Technology, if needed, remove	
	exemptions for RECLAIM facilities, and update monitoring, reporting,	
	and recordkeeping requirements.	
425	TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	0/1
425	Odors from Cannabis Processing	Other
	Proposed Rule 425 will establish requirements for control of odors from	
	cannabis processing. Tracy Goss 909.396.3106; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	

^{*} 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

2020	Title and Description	Type of Rulemaking
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.	AB 617
	Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	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
	Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	CERP
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.	AB 617
	Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	CERP
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.	
463	TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244 Organic Liquid Storage	Other
703	Proposed Amended Rule 463 will address the current test method and	Other
	improve the effectiveness, enforceability, and clarity of the rule.	
	Proposed amendments may also be needed to ensure consistency with	
	Rule 1178.	
	TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
468#	Sulfur Recovery Units	AB 617
	Proposed Amended Rule 468 will update SOx emission limits to reflect	BARCT
	Best Available Retrofit Control Technology, if needed, remove	
	exemptions for RECLAIM facilities, and update monitoring, reporting,	
	and recordkeeping requirements. TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
469#	Sulfuric Acid Units	AB 617
	Proposed Amended Rule 469 will update SOx emission limits to reflect	BARCT
	Best Available Retrofit Control Technology, if needed, remove	
	exemptions for RECLAIM facilities, and update monitoring, reporting,	
	and recordkeeping requirements. TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	

^{*} 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

2020	Title and Description	Type of Rulemaking
1101#	Secondary Lead Smelters/Sulfur Oxides	AB 617
	Proposed Amended Rule 1101 will update SOx emission limits to reflect	BARCT
	Best Available Retrofit Control Technology, if needed, remove	
	exemptions for RECLAIM facilities, and update monitoring, reporting,	
	and recordkeeping requirements. TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1105#	Fluid Catalytic Cracking Units SOx	AB 617
	Proposed Amended Rule 1105 will update SOx emission limits to reflect	BARCT/
	Best Available Retrofit Control Technology, if needed, remove	AB 617
	exemptions for RECLAIM facilities, and update monitoring, reporting,	CERP
	and recordkeeping requirements. TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1109*+#	Emissions of Oxides of Nitrogen from Boilers and Process Heaters in	AQMP/
	Petroleum Refineries	AB 617
1109.1*+#	Reduction of Emissions of Oxides of Nitrogen from Refinery	BARCT/
	Equipment	AB 617
	Proposed Rule 1109.1 will establish NOx emission limits to reflect Best	CERP
	Available Retrofit Control Technology for NOx emitting equipment at	
	petroleum refineries and related operations, and include monitoring,	
	reporting, and recordkeeping requirements. Rule 1109 is proposed to be	
	rescinded.	
444004	Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1110.2*+#	Emissions from Gaseous - and Liquid-Fueled Engines	AQMP/
	Proposed amendments may be needed for Rule 1110.2 to incorporate	AB 617
	possible comments by U.S. EPA for approval in the SIP and/or to	BARCT
	address use of emergency standby engines for Public Safety Power	
	Shutoff programs. Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1113	Architectural Coatings	Other
1113	Amendments may be needed to clarify applicability of the rule with	other
	respect to distribution.	
	Dave DeBoer 909.396.2329; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1118*	Control of Emissions from Refinery Flares	AQMP/
	Proposed Amended Rule 1118 will revise provisions to further reduce	AB 617
	flaring. The AB 617 Community Emission Reduction Plan has an	CERP
	emission reduction target to reduce flaring by 50 percent if feasible. Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	

^{*} 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

2020	Title and Description	Type of Rulemaking
1119#	Petroleum Coke Calcining Operations – Oxides of Sulfur	AB 617
	Proposed Amended Rule 1119 will update SOx emission limits to reflect	BARCT/
	Best Available Retrofit Control Technology, if needed, remove	AB 617
	exemptions for RECLAIM facilities, and update monitoring, reporting,	CERP
	and recordkeeping requirements. TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1121*	Control of Nitrogen Oxides from Residential Type, Natural-Gas-	AQMP
	Fired Water Heaters	
	Proposed amendments may be needed further reduce NOx emissions	
	from water heaters.	
1133.3	Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	AOMD
1133.3	Emission Reductions from Greenwaste Composting Operations	AQMP
	Proposed Amended Rule 1133.3 will seek additional VOCs and	
	ammonia emission reductions from greenwaste and foodwaste	
	composting. Proposed amendments will implement BCM-10 in the 2016	
	AQMP. TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1134	Emissions of Oxides of Nitrogen from Stationary Gas Turbines	AQMP/
	Proposed Amended Rule 1134 will revise monitoring, reporting, and	AB 617
	recordkeeping provisions to reflect amendments to Proposed Amended	BARCT
	Rules 218 and 218.1 and possibly other amendments to address	
	comments from U.S. EPA and to streamline implementation.	
	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1135	Emissions of Oxides of Nitrogen from Electricity Generating	AQMP/
	Facilities	AB 617
	Proposed Amended Rule 1135 will revise monitoring, reporting, and	BARCT
	recordkeeping provisions to reflect amendments to Proposed Amended	
	Rules 218 and 218.1 and possibly other amendments to address	
	comments from U.S. EPA. Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1138	Control of Emissions from Restaurant Operations	AQMP
	Proposed Amended Rule 1138 will further reduce emissions from char	
	boilers.	
4.15	Tracy Goss 909.396.3106; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1142	Marine Tank Vessel Operations	Other
	Proposed Amended Rule 1142 will address VOC and hydrogen sulfide	
	emissions from marine tank vessel operations and provide clarifications. **TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244*	

^{*} 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

2020	Title and Description	Type of Rulemaking
1146.1#	Emissions of Oxides of Nitrogen from Small Industrial, Institutional,	Other
	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.	
1146.2#	Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244 Emissions of Oxides of Nitrogen from Large Water Heaters and	AQMP/
1140.2	Small Boilers and Process Heaters	AB 617
	Proposed Amended Rule 1146.2 will be revised to lower the NOx	BARCT
	emission limit to reflect Best Available Retrofit Control Technology.	DARCI
	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1147.1*+#	NOx Reductions from Miscellaneous Sources	AQMP/
	NOx Reductions for Equipment at Aggregate Facilities	AB 617
	Proposed Rule 1147.1 will establish NOx emission limits to reflect Best	BARCT
	Available Retrofit Control Technology for NOx equipment at aggregate	
	facilities and will apply to RECLAIM and non-RECLAIM facilities.	
1147*+#	NOx Reductions from Miscellaneous Sources	
	Proposed Amended Rule 1147 will remove equipment that will be	
	regulated under Proposed Rule 1147.1.	
1147 0*+#	Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176 and Socio: Ian MacMillan 909.396.3244	4 O 1 C 1
1147.2*+#	NOx Reductions from Metal Melting and Heating Furnaces	AQMP/
	Proposed Rule 1147.2 will establish NOx emission limits to reflect Best	AB 617
	Available Retrofit Control Technology for metal melting and heating	BARCT
	furnaces and will apply to RECLAIM and non-RECLAIM facilities.	
1147*+#	NOx Reductions from Miscellaneous Sources	
	Proposed Amended Rule 1147 will remove equipment that will be	
	regulated under Proposed Rule 1147.2.	
	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	<u> </u>

^{*} 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

2020	Title and Description	Type of Rulemaking
1148.1*	Oil and Gas Production Wells	Other/
	Proposed Amended Rule 1148.1 will evaluate exemptions under Rule	AB 617
	463 to harmonize implementation for low producers. Other proposed	CERP
	amendments may be needed to further reduce emissions from operations,	
	implement early leak detection, odor minimization plans, and enhanced	
	emissions and chemical reporting from oil and drilling sites consistent	
	with the AB 617 Community Emission Reduction Plan. TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1148.2	Notification and Reporting Requirements for Oil and Gas Wells and	Other/
	Chemical Suppliers	AB 617
	Proposed amendments to Rule 1148.2 may be needed to improve	CERP
	notifications of well working activities to the community. TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1150.3*+	NOx Emission Reductions from Combustion Equipment at Landfills	AQMP/
	Proposed Rule 1150.3 will establish NOx emission limits for combustion	AB 617
	equipment burning biofuels to reflect Best Available Retrofit Control	BARCT
	Technology and include monitoring, reporting, and recordkeeping	
	requirements at landfills.	
1166	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	Other
1100	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: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1173	Control of Volatile Organic Compound Leaks and Releases from	Other/
	Components at Petroleum Facilities and Chemical Plants	AB 617
	Proposed revisions to Rule 1173 are being considered based on recent	CERP
	U.S. EPA regulations and CARB oil and gas regulations and revisions to	
	improve the effectiveness, enforceability, and clarity of the rule. Other	
	proposed amendments may be needed to further reduce emissions from	
	operations, implement early leak detection, odor minimization plans, and	
	enhanced emissions and chemical reporting from oil and drilling sites	
	consistent with the AB 617 Community Emission Reduction Plan. TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	

^{*} 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

2020	Title and Description	Type of Rulemaking
1176	VOC Emissions from Wastewater Systems	Other/
	Proposed Amended Rule 1176 will clarify the applicability of the rule to	AB 617
	include bulk terminals under definition of "Industrial Facilities," and	CERP
	streamline and clarify provisions. TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1180	Refinery Fenceline and Community Air Monitoring	Other
	Revisions to Rule 1180 could be considered to clarify applicability	
	including modification or removal of the threshold exemption for	
	petroleum refineries from the requirements of the rule. Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1403*	Asbestos Emissions from Demolition/Renovation Activities	Toxics
	Proposed Amended Rule 1403 will enhance implementation, improve	
	rule enforceability, 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.	
1415	TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244 Reduction of Refrigerant Emissions from Stationary Air	Other
1415.1	Conditioning Systems, and Reduction of Refrigerant Emissions from	
1413.1	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.	
	David De Boer 909.396.2329; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
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.	
	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	

^{*} 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

2020	Title and Description	Type of Rulemaking
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. Michael Morris 909.396.3282; CEOA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1426*	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244 Reduction of Toxic Air Contaminants from Metal Finishing	Toxics/
	Operations	AB 617
	Proposed amendments to Rule 1426 will establish requirements to	CERP
	reduce nickel, cadmium, hexavalent chromium, and other air toxics from	
	plating and related operations. Proposed Amended Rule 1426 will	
	establish requirements to control point source and fugitive toxic air	
	contaminant emissions.	
1.42.5*	Jillian Wong 909.396.3176; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	T /
1435*	Control of Emissions from Metal Heat Treating Processes	Toxics/
	Proposed Rule 1435 will establish requirements to reduce point source	AB 617
	and fugitive toxic air contaminants including hexavalent chromium	CERP
	emissions from heat treating processes. Proposed Rule 1435 will also	
	include monitoring, reporting, and recordkeeping requirements. Jillian Wong 909.396.3176; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1445	Control of Toxic Emissions from Laser Arc Cutting	Toxics
	Proposed Rule 1445 will establish requirements to reduce toxic metal	
	particulate emissions from laser arc cutting.	
1450*	TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	Toxics
1430	Control of Methylene Chloride Emissions Proposed Rule 1450 will reduce methylene chloride emissions from	TOXICS
	furniture stripping and establish monitoring, reporting, and	
	recordkeeping11 requirements.	
	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; and Socio: Ian MacMillan 909.396.3244	
1469*	Hexavalent Chromium Emissions from Chromium Electroplating	Toxics
	and Chromic Acid Anodizing Operations	
	Proposed amendments to Rule 1469 may be needed to address use of	
	chemical fume suppressants or other implementation issues. Jillian Wong 909.396.3176; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1469.1*	Spraying Operations Using Coatings Containing Chromium	Toxics/
	Proposed Amended Rule 1469.1 will establish additional requirements	AB 617
	to address hexavalent chromium emissions from spraying operations	CERP
	using chromium primers or coatings. Jillian Wong 909.396.3176; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	

^{*} Potentially significant hearing

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2020	Title and Description	Type of Rulemaking
1470	Requirements for Stationary Diesel-Fueled Internal Combustion	Toxics
	and Other Compression Ignition Engines	
	Proposed Amended Rule 1470 will establish additional provisions to	
	reduce the exposure to diesel particulate from new and existing small	
	$(\leq 50 \text{ brake horsepower})$ diesel engines located near sensitive receptors.	
	Proposed amendments may be needed to address use of engines during	
	Public Safety Power Shutoffs.	
1472	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	Toxics
14/2	Requirements for Facilities with Multiple Stationary Emergency	TOXICS
	Standby Diesel-Fueled Internal Combustion Engines Proposed A monded Pule 1472 will remove provisions that are no longer	
	Proposed Amended Rule 1472 will remove provisions that are no longer	
	applicable, update and streamline provisions, and assess the need for a Compliance Plans.	
	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
1480	Toxics Monitoring	Toxics/ AB
	Proposed amendments to Rule 1480 may be needed to remove fee	617 CERP
	provisions if they are incorporated in Regulation III.	
2202*	Jillian Wong 909.396.3176; CEQA: Jillian Wong 909.396.3176 and Socio: Ian MacMillan 909.396.3244	0.1
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 (AVR) targets. Carol Gomez 909.396.3264; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
2305*+	Warehouse Indirect Source Rule – Warehouse Actions and	AQMP/
	Investments to Reduce Emissions (WAIRE) Program	AB 617
	Proposed Rule 2305 will both reduce emissions and facilitate local and	CERP
	regional emission reductions associated with warehouses and the mobile	
	sources attracted to warehouses.	
	Ian MacMillan 909.396.3244; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	

^{*} 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

2020	Title and Description	Type of Rulemaking
Reg. III	Fees	Other
	Staff recently proposed six minor amendments (including two that	
	would raise fees) to Regulation III and Rule 1480. However, given the	
	recent circumstances stemming from the COVID-19 pandemic, staff is	
	no longer proposing the amendments to Regulation III or Rule 1480 this	
	year. In addition, staff is proposing to credit back this year's automatic	
	2.8% CPI increase as a budget action so that facilities will not	
	experience any new fee increases for this upcoming fiscal year (FY	
	2020-2021).	
Reg. XIII*#	Ian MacMillan 909.396.3244; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244 New Source Review	AQMP
	Proposed Amended Regulation XIII will revise New Source Review	1101111
	provisions to address facilities that are transitioning from RECLAIM to	
	a command-and-control regulatory structure. Staff may be proposing a	
	new rule within Regulation XIII to address offsets for facilities that	
	transition out of RECLAIM.	
D T T T * #	Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	4 63 65
Reg. XX*#	RECLAIM	AQMP
	Proposed Amended Regulation XX will address the transition of	
	RECLAIM facilities to a command and control regulatory structure Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244	
Reg. XXIII*+	Facility-Based Mobile Sources	AQMP/
8	Proposed rules within Regulation XXIII would reduce emissions from	Toxics/
	indirect sources (e.g., mobile sources that visit facilities). The rule or set	AB 617
	of rules that would be brought for Board consideration would reduce	CERP
	emissions from railyards.	
	Ian MacMillan 909.396.3244; CEQA: Jillian Wong 909.396.3176 Socio: Ian MacMillan 909.396.3244	

^{*} 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

2020	Title and Description	Type of Rulemaking
Reg. II, IV,	Various rule amendments may be needed to meet the requirements of	Other/
XIV, XI, XIX,	state and federal laws, implement OEHHA's 2015 revised risk	AQMP/
XXIII, XXIV,	assessment guidance, changes from OEHHA to new or revised toxic air	Toxics/
XXX and	contaminants or their risk values, address variance issues/technology-	AB 617
XXXV	forcing limits, to abate a substantial endangerment to public health or	BARCT/
	additional reductions to meet SIP short-term measure commitments. The	AB 617
	associated rule development or amendments include, but are not limited	CERP
	to, South Coast AQMD existing, or new rules to implement the 2012 or	
	2016 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	
	ambient monitoring.	

^{*} Potentially significant hearing + Reduce criteria air contaminants and assist toward attainment of ambient air quality standards # Part of the transition of RECLAIM to a command-and-control regulatory structure



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 19

REPORT: Status Report on Major Ongoing and Upcoming Projects for

Information Management

SYNOPSIS: Information Management is responsible for data systems

management services in support of all South Coast AQMD operations. This action is to provide the monthly status report on

major automation contracts and planned projects.

COMMITTEE: Administrative, August 14, 2020, Reviewed

RECOMMENDED ACTION:

Receive and file.

Wayne Nastri Executive Officer

RMM:MAH:XC:agg

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

September 4, 2020 Board Meeting Status Report on Major Ongoing and Upcoming Projects for Information Management

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Office 365 Implementation	Acquire and implement Office 365 for South Coast AQMD staff	\$350,000	 Pre-assessment evaluation and planning completed Board approved funding on October 5, 2018 Developed implementation and migration plan Acquired Office 365 licenses Implemented Office 365 email (Exchange) and migrated all users Trained staff in Office 365 Pro Plus desktop software Implemented Office 365 Pro Plus, Office Web, and OneDrive for Business 	• Implement Office 365 internal website (SharePoint) and migrate existing content
Permitting System Automation Phase 1	New Web application to automate the filing of permit applications with immediate processing and issuance of permits for specific application types: Dry Cleaners, Gas Stations, and Automotive Spray Booths	\$694,705	 Automated 400A form filing, application processing, and online permit generation for Dry Cleaner, Automotive Spray Booth, and Gas Station Modules deployed to production Enhanced processing of school locations with associated parcels Deployed upgraded GIS Map integration and enhanced sensitive receptor identification and distance measurement work Deployed New version of On Line Application Filing (OLAF) that includes Rule 212(c)(1) Implementation Guidance 	Continue Phase 1.1 project outreach support

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Permitting System Automation Phase 2	Enhanced Web application to automate filing of permit applications, Rule 222 equipment and registration for IC engines; implement electronic permit folder and workflow for internal South Coast AQMD users	\$525,000	 Board approved initial Phase 2 funding December 2017 Board approved remaining Phase 2 funding October 5, 2018 Report outlining recommendations for automation of Permitting Workflow completed Developed application submittals and form filing for first nine of 32 400-E forms Application submittals and form filing for gequipment under Rule 222 ready for User Testing completed Deployed to production top three most frequently used Rule 222 forms: Negative Air Machines, Small Boilers, and Charbroilers 	 Complete User Testing for first nine 400-E forms Complete User Acceptance Testing and Deployment to production of Emergency IC Engines Form (EICE-RE) Complete User Acceptance Testing and Deployment of remaining 22 Rule 222 forms to production Complete requirements gathering for Phase II of the project (an additional 10 400- E-XX forms)

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Replace Your Ride (RYR)	New Web application to allow residents to apply for incentives to purchase newer, less polluting vehicles	\$301,820	 Phase 2 and 3 Fund Allocation, Administration, Management Reporting modules, VIN Number, Case Manager, Auto e-mail and document library updates deployed and in production Implemented following modifications: Electric Vehicle Service Equipment, email templates, call center hours, additional incentive amounts, VIN Number scramble modifications and replacement option choices to allow staff to process application more efficient 	• Implementation of RYR and PeopleSoft Financial integration module
South Coast AQMD Mobile Application Enhancements	Enhancement of Mobile application from SRA based map to grid map. This grid map will allow users to see AQI at a finer resolution.	\$100,000	 Vision and scope completed Project charter released Task order issued, evaluated, and awarded Project kick off completed 	 UI/UX design and review Code development under way; currently in Sprint 1 and design phase

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Legal Division New System Development	Develop new web-based case management system for Legal Division to replace existing system	\$500,000	 Task order issued, evaluated and awarded Project charter finalized Business Process Model completed Sprint 1, 2 and 3 functional and system design completed Testing of Sprints 1–3: NOVs, MSPAP, settlements, civil and small claims completed Sprint 4 functional and design requirements: criminal, bankruptcy, non-NOV cases and check registers completed Sprint 5 functional and design requirements—investigative assignments completed Deployed IM servers and User Testing for Sprints 1-5 modules OnBase and finance integrated User Acceptance Testing completed Sprint 6 development, reports, and data migration completed Parallel testing completed Deployed to production 	• Phase 2 requirements

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Flare Event Notification – Rule 1118	Develop new web-based application to comply with Rule 1118 to improve current flare notifications to the public and staff	\$100,000	 Project charter released Task order issued, evaluated and awarded Requirement gathering and design for Sprint 1, 2, and 3 completed Sprint 4 and Public Portal implementation completed Major incident notification deployed Refinery user training completed Application demo completed Deployed to production on December 12, 2019 including major incident reporting on public portal Phase I Bug fixes deployed to production after initial deployment 	 Phase II development (administrative and reporting pages) Phase II User Acceptance Testing
AQ-SPEC Cloud Platform	Develop a cloud- based platform to manage and visualize data collected by low- cost sensors	\$385,500	 Project charter released Task order issued, evaluated, and awarded Business requirements gathering completed System architecture, data storage, and design data ingestion completed Data transformations, calculations, and averaging completed Dashboards, microsites, and data migration completed Release 2 User Acceptance Testing completed 	Deployment to production

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
PeopleSoft Electronic Requisition	South Coast AQMD is implementing an electronic requisition for PeopleSoft Financials. This will allow submittal of requisitions online, tracking multiple levels of approval, electronic archival, pre-encumbrance of budget, and streamlined workflow	\$75,800	 Project charter released Task order issued, evaluated, and awarded Requirement gathering and system design completed System setup and code development and user testing for Information Management completed System setup and code development and User Acceptance Testing completed for Administrative and Human Resources completed System setup for Technology Advancement Office completed 	 Deployment to IM and AHR divisions TAO training Integrated User Testing for other divisions
Rule 1403 Enhancements	The Rule 1403 web application automates the Rule 1403 notification process. Enhancements to the system are now required to streamline the process and meet the new rule requirements	\$68,575	 Project charter released Task order issued, evaluated and awarded Business requirements gathering completed Phase 1 Development completed Phase 2 Development completed System Integration Testing and User Acceptance Testing in Development Environment completed Deployment for stage testing completed Completed System Integration Testing and User Acceptance Testing and User Acceptance Testing in Stage Environment Deployed System to Production Environment 	

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Cybersecurity Assessment	Perform a cybersecurity risk assessment, maturity assessment, and penetration testing	\$100,000 (not included in FY 2020- 21 Budget)		 Release RFP December 4, 2020 Award Contract February 5, 2021 Complete Cybersecurity assessment May 31, 2021
VW Environmental Mitigation Action Plan Project	CARB has assigned South Coast AQMD to develop web applications for two projects: Zero- Emission Class 8 Freight and Port Drayage Truck Project and Combustion Freight and Marine Project. The agency is also responsible for maintaining a database that will be queried for reporting perspectives for CARB	\$355,000	 Draft Charter Document issued Project Initiation completed Task order issued Deployed Phase I to production on Dec. 6, 2019 Initial deployment of Phase II to production – Messaging, Evaluation, and Administration functionalities completed March 3, 2020 Development of evaluation module and calculation module completed 	 Development of Phase III - ZE Class 8 project, Contracting, and Inspection and Form creation for Class 8 User Acceptance Testing

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Source Test Tracking System	South Coast AQMD will implement an Online Source Test Tracking System to keep track of timelines, as well as quantify the number of test protocols and reports received. The Source Test Tracking System will provide an external online portal to submit source testing protocols and reports, ability to track the review process, and provide integration to all other business units for all source test protocols and report submitted. 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 Kick-off completed User requirements gathering for Source Testing and Engineering & Permitting Divisions completed 	 Complete user requirements gathering for Compliance & Enforcement and Planning Divisions. Develop full Business Process Model of the To-Be system Develop screens mock-ups for the system that will be developed

Projects that have been completed within the last 12 months are shown below.					
Completed Projects					
Project	Date Completed				
Rule 1403 Enhancement	July 1, 2020				
Legal Office System	June 17, 2020				
Document Conversion Services	June 30, 2020				
Oracle PeopleSoft Software Support	June 5, 2020				
Renewal of OnBase Software Support	May 1, 2020				
Public Facing Permit Application Status Dashboard	May 1, 2020				
Mobile Application Enhancement – Hourly Forecast	April 29, 2020				
Renewal of HP Server Maintenance & Support	April 30, 2020				
Rule 1180 Fence Line Monitoring Web Site Enhancements	April 3, 2020				
Volkswagen Environmental Mitigation Administration and Communication Module	March 3, 2020				
Data Cable Infrastructure Installation	February 31, 2020				
Prequalify Vendor List for PCs, Network Hardware, etc.	February 7, 2020				
Mobile Application Enhancements Including Spanish Language	January 23, 2020				
Annual Emissions Reporting System	December 31, 2019				
Rule 1180 Fence Line Monitoring Website	December 31, 2019				
Online filing of Rule 222 – Negative Air Machines, Small Boilers, and Charbroilers Modules	December 13, 2019				
Flare Notification System	December 12, 2019				
Volkswagen Environmental Mitigation Application Filing Portal	December 7, 2019				
CLASS Database Software Licensing and Support	November 30, 2019				
Office 365 Suite Implementation of File Storage (OneDrive for Business)	November 22, 2019				
Ingres Database Migration to Version 11	August 23, 2019				



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 21

REPORT: Administrative Committee

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

August 14, 2020. The following is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file.

Dr. William A. Burke, Chair Administrative Committee

nv

Committee Members

Present: Dr. William A. Burke/Chair

Council Member Ben Benoit/Vice Chair

Council Member Judith Mitchell Council Member Michael Cacciotti

Absent: None

Call to Order

Chair Burke called the meeting to order at 10:00 a.m.

DISCUSSION ITEMS:

- 1. **Board Members' Concerns:** None to report.
- 2. **Chairman's Report of Approved Travel:** None to report.
- 3. **Report of Approved Out-of-Country Travel:** None to report.
- 4. **Review September 4, 2020 Governing Board Agenda:** There were no comments.
- 5. **Approval of Compensation for Board Member Assistant(s)/Consultant(s):** There were no proposals to consider.

6. Update on South Coast AQMD Inclusion, Diversity and Equity Efforts:
Wayne Nastri, Executive Officer, reported that after the murder of George Floyd, a public statement was issued, as well as an internal statement to employees.
Comments from staff were solicited through an anonymous survey, resulting in hundreds of comments. We are planning to bring in speakers to learn more about social equity and justice matters. We will be working with the Government Alliance of Race and Equity (GARE) which is an organization that works on a regional and state level. In addition, an employee advisory group was formed - the Inclusion, Diversity and Equity Advisory (IDEA) panel, to provide input and recommendations to the executive team. Mr. Nastri emphasized the importance of evaluating practices, policies and outreach, and the need for an Equity Officer. This will be a sustained long-term effort with monthly updates to the Administrative Committee.

Council Member Mitchell asked about the demographics of the South Coast AQMD workforce relative to Black employees. Mr. Nastri responded that seven percent of our workforce are Black employees which is similar to the 4-county average. Council Member Mitchell commented that identifying Black communities for AB 617 would be ideal for selecting future communities. Mr. Nastri responded that funding for the AB 617 program a concern due to the current economic conditions. Council Member Mitchell asked if we can legally give extra points for minority owned businesses in contracts. Bay Gilchrist, General Counsel, responded that there are significant limitations in current state and federal law, but we are evaluating how we can improve outreach. Senator Delgado remarked that the Latino population has been under-represented, but expressed gratitude for staff's efforts in addressing this issue. Dr. Burke shared his experience and expressed support for these efforts. Frances Keeler, public citizen, relayed that she was pleased that the South Coast AQMD is working on this effort and commented when she worked for the South Coast AOMD she was a member of the Affirmative Action Committee that worked to bring programs for diversity and different cultures. She expressed dismay because it wasn't a long-term effort. Dr. Burke stated that he believes that young people should be motivated to study disciplines associated with our mission. Harvey Eder, Public Solar Power Coalition, expressed concerns about climate change, natural gas and premature deaths and commented about renewable energy and distribution. Council Member Benoit applauded the efforts of staff and Board colleagues for bringing this item forward and is proud of the direction it is going. Dr. Burke thanked staff for starting to work on these issues so quickly.

7. **Budget and Economic Outlook Update**: Jill Whynot, Chief Operating Officer, provided an update and provided responses to questions that arose at the August Board meeting. One of the questions was if we have information about the ethnicity, gender and the nature of the businesses or applicants that apply for permits. There are discounts for small businesses so that information is available, but data is not collected for women-owned businesses or the ethnicity of the permit applicant. Approximately seven percent of the incoming applications for

new equipment or changes to existing equipment have been from small businesses. Dr. Burke asked if we are tracking the age of our employees because the age of an employee would have a direct correlation with their experience. Ms. Whynot responded that demographics relative to age will be provided for the next Administrative Committee.

ACTION ITEM:

This item was taken out of order.

Dr. Burke appointed Senator Vanessa Delgado to the Administrative Committee for this meeting only.

Amend Contract for Consultant Services for Why Healthy Air Matters 14. Program, and Environmental Justice Program, to add funds to these **programs:** Derrick Alatorre, Deputy Executive Officer, Legislative, Public Affairs & Media reported that this item is to amend a contract for consultant services for our high school program, Why Healthy Air Matters (WHAM) and the Environmental Justice Program. At the August Board meeting, the expansion of the WHAM Program and the elementary school program were discussed by the Board. Due to the pandemic, South Coast AQMD must adapt to its school educational outreach program to provide more flexible learning modules for teachers to accommodate distance learning and where possible, in-person learning. The contract amendment will provide an additional \$1 million to expand the WHAM program to reach a larger number of schools, as well as develop the foundation for curriculum that presents our region's unique air quality challenges. In addition, staff is requesting to expand the Clean Air Program for Elementary Students (C.A.P.E.S.) contract by \$100,000 to reach out to an additional 20 schools and add \$100,000 for program implementation to provide demonstrations at schools. Senator Delgado commented that she had the opportunity to see the program in action. It transformed rowdy elementary students into air quality rangers. The raising of the flags is done daily. It can reach so many lives and she is thankful that staff was able to get this program going so quickly. Dr. Burke asked if this would impact staffing in implementing the program. Ms. Kim responded on behalf of Mr. Alatorre that additional staff are needed to handle the increase in schools and Ms. Whynot responded that we will find a way to staff this priority program. Council Member Mitchell commented that possibly the volunteers that were not selected for the IDEA panel would be interested in assisting with this program. As a former high school teacher, Council Member Cacciotti supports Senator Delgado's motion and supports adding additional staff. Council Member Cacciotti asked how the money has been spent for this program. Mr. Alatorre responded that Lee Andrews agreed to continue to get 67 schools in addition to what they are required to do with the amended contract, for a total of 367 schools this year. Stephanie Graves, CEO/Lee Andrews Group, reported that they are a certified minority-owned business, woman-owned business and small business. We have

met our goal of having 100 classrooms committed to teaching the WHAM program. High Schools were identified based on criteria for environmental justice communities under AB 617 and AB 2588. 86 percent of the classroom teachers requested to begin the program during the second semester since the environmental science and air quality lessons are usually taught during the second semester. We received 84 onboarding questionnaires in all four counties, but then COVID-19 hit, and we were only able to implement 33 of the hundred confirmed classrooms, but we already have the new classrooms signed up in the new high schools. Mr. Eder commented that in 1977-1978, after teaching at UC Santa Cruz, he was the first to teach solar conservation and that we need structural changes relative to solar.

Moved by Mitchell; seconded by Cacciotti, unanimously approved.

Ayes: Burke, Benoit, Cacciotti, Mitchell

Noes: None Absent: None

DISCUSSION ITEMS:

- 8. **South Coast AQMD's FY 2019-20 Fourth Quarter ended June 30, 2020 Budget vs. Actual (Unaudited):** Sujata Jain, Chief Financial Officer, Finance provided a summary of the budget vs. actual results and then displayed comparisons for revenue and expenditures, and a five-year projection. Dr. Burke asked Ms. Jain for her evaluation of our overall current fiscal year. Ms. Jain responded that since the fiscal year just started, we are tracking the permits coming in, but the impact likely won't be known for about 8-9 months so staff will closely monitor the situation. Mr. Eder commented that he would like to see equitable justice on a solar transition.
- 9. **Report of RFPs/RFQs Scheduled for Release in September:** Ms. Jain reported that this item is to release one RFP to hire outside counsel and establish a prequalified list, and two RFQs for compressed gasses and cryogenic liquids for our laboratory, and to establish a list of prequalified vendors for mailing services.

ACTION ITEM:

This item was taken out of order.

12. **Appoint Alternate Medical Member to Hearing Board:** Faye Thomas, Clerk of the Boards, reported that this item is to fill the alternate medical member position on the Hearing Board. Twelve applications were received, and two candidates met the requirements specified in the Health and Safety Code. The Hearing Board Advisory Group also reviewed the applications and resumes of the two candidates as required by state law and recommended that both candidates move forward for interviews with the Administrative Committee.

Dr. Karin C. Li and Dr. Diego Ivan Kriger were both interviewed, and the committee recommended Dr. Karin C. Li.

Moved by Mitchell; seconded by Cacciotti, unanimously approved.

Ayes: Burke, Benoit, Cacciotti, Mitchell

Noes: None Absent: None

DISCUSSION ITEM:

10. **Status Report on Major Ongoing and Upcoming Projects for Information Management:** The staff presentation was waived.

ACTION ITEMS:

11. Amend Contract to Provide Short- and Long-Term Systems Development, Maintenance and Support Services: The staff presentation was waived.

Moved by Mitchell; seconded by Cacciotti, unanimously approved.

Ayes: Burke, Benoit, Cacciotti, Mitchell

Noes: None Absent: None

13. **Issue RFP for Legislative Representation in Sacramento, California:** The staff presentation was waived.

Moved by Mitchell; seconded by Cacciotti, unanimously approved.

Ayes: Burke, Benoit, Cacciotti, Mitchell

Noes: None Absent: None

WRITTEN REPORT:

15. Local Government & Small Business Assistance Advisory Group Minutes for the May 8, 2020 Meeting: The report was acknowledged and received.

OTHER MATTERS:

- 16. **Other Business:** None.
- 17. **Public Comment:** Mr. Eder expressed concern about the process to apply for VW Mitigation funds and asked that this item be postponed.
- 18. **Next Meeting Date:** The next regular Administrative Committee meeting is scheduled for September 11, 2020 at 10:00 a.m.

CLOSED SESSION

The Administrative Committee recessed to closed session at 12:12 p.m., pursuant to Government Code Sections 54956.9(a) and 54956.9(d)(4) to consider initiation of litigation (one case).

Adjournment

The meeting adjourned at 12:30 p.m.



LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP FRIDAY, MAY 8, 2020 MEETING MINUTES

MEMBERS PRESENT:

Council Member Ben Benoit, LGSBA Chairman (Board Member)
Supervisor Janice Rutherford (Board Member)
Felipe Aguirre
Mayor Pro Tempore Rachelle Arizmendi, City of Sierra Madre
Paul Avila, P.B.A. & Associates
Todd Campbell, Clean Energy
LaVaughn Daniel, DancoEN
John DeWitt, JE DeWitt, Inc.
Bill LaMarr, California Small Business Alliance
Rita Loof, RadTech International
Eddie Marquez, Roofing Contractors Association
David Rothbart, Los Angeles County Sanitation District

MEMBERS ABSENT:

Supervisor V. Manuel Perez (Board Member) Geoffrey Blake, Metal Finishers of Southern California

OTHERS PRESENT:

Mark Ambrowitz
Tom Gross, Board Member Consultant (*Benoit*)
Dan McGirney, SoCal Gas
Andy Silva, San Bernardino County
Patty Senecal
Mark Taylor, Board Member Consultant (*Rutherford*)

SCAOMD STAFF:

Jill Whynot, Chief Operating Officer
Derrick Alatorre, Deputy Executive Officer
Ron Moskowitz, Chief Information Officer
Sarah Rees, Assistant Deputy Executive Officer
Fabian Wesson, Assistant Deputy Executive Officer
Teresa Barrera, Senior Deputy District Counsel
Veera Tyagi, Principal Deputy District Counsel
Lisa Tanaka O'Malley, Senior Public Affairs Manager
Ian MacMillan, Planning & Rules Manager
Philip Crabbe III, Public Affairs Manager
Anthony Tang, Information Technology Supervisor

Van Doan, Air Quality Specialist Elaine-Joy Hills, Air Quality Specialist Paul Wright, Senior Information Technology Specialist Jeanette Short, Senior Public Information Specialist Stacy Day, Legislative Assistant

Agenda Item #1 - Call to Order/Opening Remarks

Chair Ben Benoit called the meeting to order at 11:30 a.m.

Mr. Derrick Alatorre provided guidelines and general instructions for participation in the remote meeting for the Local Government & Small Business Assistance Advisory Group (LGSBA) via Zoom webinar and teleconference.

<u>Agenda Item #2 – Approval of February Meeting Minutes/Review of Follow-Up/Action Items</u> Chair Benoit called for approval of the February 14, 2020 meeting minutes. The minutes were approved unanimously.

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

Mr. Derrick Alatorre stated that there were no follow-up or action items.

<u>Agenda Item #4 – Update on Proposed Rule 2305 – Facility-Based Mobile Source Measures</u>
Mr. Ian MacMillan provided an update on the development of proposed Rule 2305 – Facility-Based Mobile Source Measures.

Chair Benoit stated it is interesting to see how this rule is shaping up and expressed appreciation for the hard work and effort put into this rule development. He further stated that meetings with stakeholders will continue despite changes resulted from the coronavirus disease 2019 (COVID-19) pandemic.

Mr. Bill LaMarr stated that cost assessments are typically conducted prior to determining if a rule is necessary. He further commented that the COVID-19 pandemic caused a reduction in global commerce, particularly the shipping industry, and asked if the warehouses are fully occupied. Mr. LaMarr stated that there have been emissions reductions at the ports, leading to emissions reductions in the Inland Empire (IE) and asked if South Coast Air Quality Management District (South Coast AQMD), California Air Resources Board (CARB), or anyone has recently completed an emissions inventory. Mr. MacMillan replied that different economic metrics are being monitored, showing container throughput decreased in March and increased in April. Mr. MacMillan stated that the economic shock to the system is impacting various industries in different ways; for example, grocery and cold storage space activities are increasing, whereas other industries are decreasing. Mr. MacMillan stated that there has been poor air quality in the IE in the last couple of weeks with high ozone levels, indicating there was continued goods-movement activities. There was some reduction in truck traffic and more reduction in car traffic; however, diesel fuel production level remained the same or increased, consistent with the increased demand for goods while people remained at home. What is happening now and within the next 6-12 months is likely temporary and things will eventually return to normal. This rule is not designed for a single, one-time action by warehouses. If this rule is approved by the Governing Board (GB) in the first quarter of next year, then the first compliance date will be a year after that and every year thereafter. The next working group meeting has been delayed as more information and input are needed from industry. The last several weeks demonstrated the air quality still needs significant improvement and proved that there is a long term need for this rule. Mr. LaMarr stated that businesses contribute to

climate change and affect the air quality in the IE; however, it is not a good use of a rule like this to have the businesses bear the financial burden during this time. Mr. LaMarr referenced slide #3 and suggested to establish a de minimis level for fee applicability and delay the responsibility for stationary sources. Mr. MacMillan stated that this rule is not targeting stationary sources and most warehouses are not required to be permitted by South Coast AQMD. Mr. MacMillan indicated that slide #3 referenced businesses with 100,000 ft² facilities, which are not considered small businesses. This rule is targeting larger operations, not small businesses. Mr. MacMillan mentioned that CARB is considering regulations on truck manufacturers and truck fleets and the Environmental Protection Agency (EPA) is also looking at truck manufacturers. The indirect source rule (ISR) targets the destination and how to set up an ecosystem of clean technology, including options for creating the infrastructure. Many businesses are taking steps to comply on their own; however, the challenge is to get others to help develop this ecosystem to improve the air quality.

Mr. David Rothbart stated that the purpose of this rule is to reach attainment as part of the Air Quality Management Plan (AQMP) and asked what the anticipated emissions reductions would be. Mr. Rothbart stated that attainment would not be achieved by 2023 and it is up to CARB and EPA to develop ways to control mobile sources to reach attainment. Mr. Rothbart further asked how ISR would fit into the overall ecosystem if a complex rule is implemented locally and included in the State Implementation Plan (SIP). Mr. MacMillan replied that ISR is not the only answer, but it is one piece of the toolkit that the South Coast AQMD could use to require emissions reductions from mobile sources. It could be used to focus on manufacturers, fleets, or destinations, while providing maximum flexibility for critical incentive programs. Mr. MacMillan stated the emissions reductions needed are substantial and with the attainment deadlines approaching, ISR is one of the few ways available to obtain such reductions. There is also a strong community voice expressing the desire to reduce emissions in the communities around the warehouses, indicating there is a wide variety of needs for a rule like this. Mr. Rothbart stated if EPA specifies alternative options to reach attainment, then South Coast AQMD might not want a rule that is not retractable because it is in the SIP. Mr. Rothbart suggested to include an option to remove the requirements when a certain emissions level is reached.

Mr. Todd Campbell referenced a study on heavy-duty vehicles emissions standards and actual emissions levels published by the International Council on Clean Transportation and stated that the actual emissions are 5-6 times above the standards. Mr. Campbell asked if there was a rule that addressed 34 tons of emissions per day. Mr. MacMillan replied the Regional Clean Air Incentives Market (RECLAIM) Program. Mr. Campbell stated if this rule gets adopted and requires emissions reductions from mobile sources, it could provide significant pressure relief to the stationary sources. Mr. MacMillan agreed that it would relieve pressure on stationary sources if there are more emissions reductions from mobile sources. Mr. Campbell stated that by 2023, federal sanctions would be placed if standards are not met and commented on the need to reduce emissions now. He asked if it would be better to reduce emissions now or in 20-30 years to which Mr. MacMillan replied that the agency is charged with meeting attainment as quickly as possible. Mr. Campbell stated that the point system does not reflect that as 126 points are given to zero-emission trucks and 55 to near-zero emission trucks, but the difference in emissions reduction is 1%. If those trucks are powered by renewable natural gas, then there would be better emissions and climate change. He commented on the need for a better point system and more cost-effective strategies for emissions reductions and expressed concern for the lack of near-zero emission yard tractors. Mr. MacMillan responded that a decision has not been made regarding the near-zero emission yard trucks and will consider the comments; however, many stakeholders asserted that only zero emission yard trucks should be included. As for the difference in point allocations for near-zero and zero emission on-road trucks, facilities typically select the cheapest method to comply and possibly would obtain more near-zero emission trucks than zero emission trucks; therefore, the actions and points are not the only factors to consider, but the cost component is also important to include in the analysis. Mr. Campbell stated the point system does not reflect the current situation and cost-effectiveness should be considered, so the GB is unlikely to adopt the rule. Mr. MacMillan replied that discussion will continue in the next stage of the rulemaking process.

Ms. Rita Loof referenced slide #10 on Warehouse Actions and Investments to Reduce Emissions (WAIRE) menu items and asked if the filters are installed at the warehouses and if they are high-efficiency particulate air (HEPA) filters. Mr. MacMillan responded that the filters are not installed at the warehouses, but they are installed at nearby sensitive receptors, such as homes, schools, or daycare centers. Ms. Loof referenced slide #12 and asked if the cost of \$455k is to acquire one class 8 near-zero emission truck. Mr. MacMillan replied that the cost is for seven trucks. Ms. Loof asked for a brief explanation of the rule stringency level. Mr. MacMillan stated that the stringency level refers to the number of points each facility needs to earn. For example, a facility with more trucks would need to earn more points than a facility with less trucks; however, the actual levels have not been established and there will be an analysis of the economic condition, technological availability, air quality need, etcetera.

Agenda Item #5 – Update on 2019-20 State and Federal Legislation

Mr. Philip Crabbe III and Ms. Lisa Tanaka O'Malley provided an update on state and federal legislation.

Mr. Alatorre stated the Spot Bill 2241 did not go through because the deadline to introduce the bill was March 24, 2020, but the sessions were adjourned on March 19, 2020. However, there may be future opportunities for this bill to be introduced.

Mr. LaMarr asked for the status of Assembly Bill (AB) 2737 on Community Emissions Reduction Programs introduced by Assembly Member Cristina Garcia. Mr. Crabbe replied that staff has been in contact with Assembly Member Garcia's office and provided comments and confirmed that AB 2737 will not be moving forward this year.

Mr. Campbell indicated that the next senate stimulus package is being developed and asked if South Coast AQMD is seeking funding opportunities related to ports, truck drivers, and fleet operators, and have approached Senators Steven Bradford or Robert Hertzberg who represent the affected areas. Mr. Crabbe replied that South Coast AQMD is exploring different opportunities, such as funding for AB 617 implementation, green technology, and stimulus package and has been in contact with the Governor's office. Mr. Campbell stated that funding is needed for the SIP to work and encouraged staff to seek additional funding opportunities. Mr. Crabbe replied that South Coast AQMD has been aggressively seeking opportunities since January and continues to advocate for clean air, despite the pandemic. Studies have shown that there are disproportionate impacts of poor air quality on communities of color and that air pollution increases health risks, which puts people at great risk of serious illness from COVID-19.

Mr. Alatorre stated that South Coast AQMD staff spoke with the Chair of the Senate Budget and Fiscal Review Committee and found that state revenues are severely impacted in a negative sense due to lack of sales tax received. With an anticipated \$54 million deficit, it would be difficult to obtain additional funding, but staff will try their best given the current situation.

Mr. Campbell stated that South Coast AQMD has the direct link since air pollution could exacerbate COVID-19 effects. Mr. Campbell further stated that more money will be available and encouraged staff to keep trying.

Chair Benoit agreed with Mr. Campbell's comment and stated the next step is to convince the legislature.

Agenda Item #6 -Monthly Report on Small Business Assistance Activities

No comments.

Agenda Item #7 - Other Business

None.

Agenda Item #8- Public Comment

None.

Agenda Item #9 - Next Meeting Date

The next regular Local Government & Small Business Assistance Advisory Group meeting is scheduled for Friday, June 12, 2020 at 11:30 a.m.

Adjournment

The meeting adjourned at 1:09 p.m.



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 22

REPORT: Investment Oversight Committee

SYNOPSIS: The Investment Oversight Committee held a meeting remotely on

Friday, August 21, 2020. The following is a summary of the

meeting.

RECOMMENDED ACTION:

Receive and file.

Michael A. Cacciotti, Chair Investment Oversight Committee

SJ:tm

Committee Members

Present: Council Member Michael Cacciotti, Chair

Senator Vanessa Delgado (Retired) Committee Member Brent Mason Committee Member Patrick Pearce

Absent: Dr. William A. Burke, Vice Chair

Committee Member Richard Dixon

Call to Order

Council Member Michael Cacciotti called the meeting to order at 12:07 p.m.

DISCUSSION ITEMS:

1. *Quarterly Report of Investments:* The Committee reviewed the quarterly investment report that was provided to the Board. For the month of June 2020, the South Coast AQMD's weighted average yield on total investments of \$976,545,773 from all sources was 0.86%. The allocation by investment type was 96.0% in the Los

Angeles County Pooled Surplus Investment Fund (PSI) and 4.0% in the State of California Local Agency Investment Fund (LAIF) and Special Purpose Investments (SPI). The one-year Treasury Bill rate as of June 30, 2020 was 0.16%. Chairman Cacciotti requested a 10-year comparison of yield by county, to determine how Los Angeles County yields compared to those of San Bernardino, Riverside, Orange and San Diego Counties.

2. <u>Financial Market Update</u>: Richard Babbe from PFM Asset Management provided information on current overall economic conditions. He presented market information which mainly focused on the impact of COVID-19 on the economy. Even though some sectors such as government and manufacturing were rebounding in the second quarter, service sectors such as airlines, restaurants and movie theaters are still severely affected. Unemployment had come down to about 10% from the 14% at the end of the first quarter. Due to COVID-19, the stock market dropped by 34% in March. It has since then rebounded and was up by 50% in the second quarter. The Federal Reserve made significant cuts to the interest rates which are yielding 0.29% and 0.66% for a 5-year and 10-year treasury, respectively, and most likely will not increase these rates at least until the end of 2022. Now economists expect the recovery to be slower and of a U-shape rather than V-shape. This means it will be gradual and will pick up over the next two years.

OTHER MATTERS:

3. Other Business

There was no other business.

4. Public Comment Period

There were no public comments.

5. Next Meeting Date

The next regular meeting of the Investment Oversight Committee is scheduled for November 13, 2020 at noon.

Adjournment

The meeting adjourned at 12:41 p.m.



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 23

REPORT: Legislative Committee

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

August 14, 2020. The following is a summary of the meeting.

Agenda Item	Recommendation/Action
AB 1714 (Aguiar-Curry) Emissions limitations: wine fermentation	Continue
SB 662 (Archuleta) Energy: transportation sector: hydrogen	Support

RECOMMENDED ACTION:

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

Judith Mitchell, Chair Legislative Committee

DJA:FW:LTO:PFC:sd:lam:ar

Committee Members

Present: Council Member Judith Mitchell/Chair

Dr. William A. Burke

Council Member Joe Buscaino/Vice Chair

Senator Vanessa Delgado (Ret.) Supervisor V. Manuel Perez Supervisor Janice Rutherford

Absent: None

Call to Order

Chair Mitchell called the meeting to order at 9:01 a.m.

DISCUSSION ITEMS:

1. Update on Federal Legislative Issues

South Coast AQMD's federal legislative consultants (Kadesh & Associates, Carmen Group, and Cassidy & Associates) each provided a written report on various key Washington, D.C. issues.

Dave Ramey of Kadesh and Associates reported that both the House and Senate are out of session, but on 24 to 48-hour notice to return to D.C. if needed for COVID-19 legislation. The main areas to resolve in the COVID relief bill are unemployment benefits, assistance for state and local government, the next round of direct payments, and liability protection. The California Delegation has been active, especially Representative Garamendi and Senator Harris on the special districts bill to provide funding assistance to agencies like South Coast AQMD.

Gary Hoitsma of the Carmen Group focused on the surface transportation reauthorization. The House passed a partisan Infrastructure bill which includes the transportation reauthorization but the bill is not viable in the Senate. The Senate Environment and Public Works Committee unanimously passed a bipartisan surface transportation bill, but the other key Senate Committees including Finance and Commerce have not taken action. The Administration has its own draft version of a surface transportation bill, but has not yet made it public. The consensus is that Congress will pass a six-month to one-year extension of the current surface transportation programs before their expiration on September 30, 2020.

Jed Dearborn of Cassidy and Associates reported on the status of Fiscal Year (FY) 2021 Appropriations. The House and Senate are working on two different tracks. The House has passed two packages of appropriations bills known as "Minibuses" which include \$90 million for the Diesel Emission Reduction Act (DERA) program and an additional \$450 million under Additional Infrastructure Investments for DERA. The bill also includes \$57.3 million for the 10 worst non-attainment areas under the Targeted Airshed Grants program. The Senate is still working at the staff level on Appropriation bills. Issues of concern in the Senate are police reform and ensuring that there is not overlap with the COVID relief bill. The Senate is expected to begin work when they return in September, and it is likely that there will be Continuing Resolutions to extend current funding levels through the November election or into the next year.

There was no public comment.

2. Update on State Legislative Issues

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

Mr. Paul Gonsalves of Joe A. Gonsalves & Son reported that the state Legislature will adjourn its legislative session on August 31. The last day for policy committees to meet is August 14 in the Assembly and in the Senate it is August 18. The last day for appropriations committees in both houses to meet is August 21. The last day for bills to be amended on the floor in the Assembly is August 24 and in the Senate it is August 26. There will be floor session only in both houses from August 24 to August 31, and the Governor will have until September 30 to take actions on bills. The Assembly sent over approximately 500 bills to the Senate for consideration, and the Senate sent about 200 bills to the Assembly this year.

Supervisor Perez inquired about the proposed economic stimulus plan. Mr. Gonsalves responded that another consultant would provide information on that item.

Mr. David Quintana of Resolute informed the Committee that the Governor's Legislative Secretary, Anthony Williams, submitted his resignation to be effective September 1. Ms. Angie Wei will serve as the Governor's interim Legislative Secretary. He also reported that he has been in contact with the Governor's office, Senator Robert Hertzberg and Senator Ben Allen regarding a joint-economic stimulus package to be potentially released on August 17, pending continued discussions on funding priorities. Senate President Pro Tempore Toni Atkins' staff indicated that they do not foresee additional funding for air districts for the AB 617 program from the Greenhouse Gas Reduction Fund being added to any budget trailer bills this year.

Mr. Ross Buckley of California Advisors, LLC reported on tension between the Senate and Assembly that has occurred in part because of a condensed legislative calendar resulting from COVID-19 safety precautions. Legislators made inconsistent efforts to eliminate non-priority bills from their bill packages, resulting in an uneven number of bills being sent to each of the houses. The Senate made it clear that numerous Assembly bills would not be set for hearing. Tension between leadership in both houses grew and some committee hearings were cancelled. It is anticipated that numerous bills will be held in fiscal committees due to budget concerns, further lowering the overall bill count.

Two bills relating to the use of backup generators, SB 1099 (Dodd) and SB 1185 (Moorlach), which were actively opposed by South Coast AQMD through extensive lobbying efforts, will not be moving forward this year.

There was no public comment.

3. Update on Legislation Regarding Voting District Authorization for Clean Air Mr. Derrick Alatorre, Deputy Executive Officer of Legislative, Public Affairs & Media stated that there was no update on the South Coast AQMD-sponsored legislation that would authorize a voting district within the South Coast region. He recommended that the item be removed from the Legislative Committee agenda going forward, as the bill is not viable in 2020.

There was no public comment.

4. **ACTION** ITEM:

Recommend Position on State Bills:

Mr. Alatorre provided a status update on AB 1714 (Aguiar-Curry) and SB 662 (Archuleta). Committee staff in Sacramento have indicated that these bills will not be set for hearing. Neither bill is expected to move forward this year. However, it is still possible for the bills to be revived if a future rule waiver were to be granted. Therefore these bills were kept on the Legislative Committee agenda as a precaution.

Supervisor Perez asked if the bills were a priority for the authors. Mr. Alatorre responded that he did not believe that these are priority bills for the authors, but added that AB 1714 (Aguiar-Curry) was somewhat of a priority for Senate President Pro Tempore Atkins even though she is not the bill author. Supervisor Perez commented that if the bills are priority bills, there is a slight chance that they receive a rule waiver.

AB 1714 (Aguiar-Curry) Emissions limitations: wine fermentation

Ms. Denise Peralta Gailey, Public Affairs Manager, Legislative, Public Affairs & Media, presented AB 1714 to the Committee. The bill, sponsored by the Wine Institute, would require CARB to establish a working group to review the state of air pollution control technologies. The bill would require air districts in the adoption of a rule or issuance of a permit on winery fermentation tanks, to include various findings, including impacts to: quality, style, sanitation and the marketability of the wine. The bill would also require CARB to allocate \$1 million to the University of California Davis (UC Davis) for a study that makes recommendations on options for addressing air emissions from winery fermentation tanks.

The bill is opposed by the California Air Pollution Control Officers Association (CAPCOA), Coalition for Clean Air, the American Lung Association and other environmental and health organizations. Further, this bill undermines air district rulemaking authority.

Chair Mitchell inquired if the funding to be provided by CARB for the UC Davis study would be upon appropriation by the Legislature. Ms. Peralta Gailey responded in the affirmative.

Senator Delgado inquired about the bill's support and opposition. Mr. Philip Crabbe, Public Affairs Manager, Legislative, Public Affairs & Media, responded that AB 1714 is a two-year bill that was amended, and the policy committee in Sacramento does not have an updated support or opposition list. However, the Wine Institute and wine interests are supporting the bill and it is opposed by CAPCOA and other environmental groups. Ms. Peralta Gailey added that the bill is opposed by the American Lung Association, California Environmental Justice Alliance, Coalition for Clean Air, Central California Asthma Collaborative, Central Valley Air Quality Coalition, Environment California, Sierra Club, Regional Asthma Management and Prevention, Leadership Counsel for Justice and Accountability, Earthjustice, CAPCOA and the Bay Area Air Quality Management District. Senator Delgado stated that without a full list of supporters, and without a complete understanding of the author's intent, she was not comfortable voting on position for the bill. Especially since it is unlikely to move forward this year. Councilmember Buscaino suggested that a motion be made to continue the item, and the bill can be watched. Senator Delgado responded positively to the suggestion to continue the item.

Chair Mitchell asked staff it would be problematic to continue the item. Mr. Alatorre responded that the bill is a two-year bill; the author has until the end of January 2021 to move the bill forward.

There was no public comment.

Staff recommended an "OPPOSE" position on this bill. Motion made to CONTINUE the bill.

Moved by Delgado; seconded by Buscaino; unanimously approved

Ayes: Burke, Buscaino, Delgado, Mitchell, Perez, Rutherford

Noes: None Abstain: None Absent: None

SB 662 (Archuleta) Energy: transportation sector: hydrogen

Mr. Crabbe presented SB 662 to the Committee. This bill would revise the definition of "transportation electrification" to include the use of renewable hydrogen when

used as a transportation fuel in fuel cell electric vehicles. SB 662 would also set a progressive standard for the decarbonization of hydrogen transportation fuel that mirrors requirements for the decarbonization set for electricity under SB 100 (De Leon, 2018), in order to ensure that renewable hydrogen investments are at least as clean as those in battery-electric technologies, and become progressively cleaner at the same pace as the electrical grid.

State law requires the PUC to direct electrical investor owned utilities (IOUs) to invest in the electrification of the transportation sector. They are required to invest hundreds of millions of dollars in programs that "accelerate widespread transportation electrification." However, no such program exists for the state's gas utilities with respect to funding infrastructure projects to distribute zero-emission, renewable hydrogen transportation fuels. This bill would allow gas IOUs to invest in distribution infrastructure for hydrogen transportation fuel to accelerate the electrification of the transportation sector in California.

Overall, this bill is in line with South Coast AQMD's mission to protect public health, reduce criteria pollutant and toxic emissions, promote clean technology and attain federal air quality standards within the South Coast.

Mr. Harvey Eder commented about previous legislation that required at least one third of hydrogen used to come from solar renewables. Mr. Eder asked that solar renewables be part of SB 662.

Chair Mitchell sought confirmation from staff that SB 662 involved renewable requirements. Mr. Crabbe responded in the affirmative and explained that SB 662 would set a progressive standard for the decarbonization of hydrogen transportation fuel that mirrors requirements set for the decarbonization of electricity. This would lead to 100 percent renewable hydrogen transportation fuel.

Staff recommended a "SUPPORT" position on this bill.

Moved by Perez; seconded by Buscaino; unanimously approved Ayes: Burke, Buscaino, Delgado, Mitchell, Perez, Rutherford

Noes: None Abstain: None Absent: None

OTHER MATTERS:

5. Other Business

Supervisor Rutherford inquired as to whether the Legislative Committee was going to have input in the RFP process relating to South Coast AQMD state legislative consultants. Mr. Alatorre responded that, as in the past, this issue would be heard by the Administrative Committee. Chair Mitchell stated that Legislative Committee

members are welcome to attend and provide input at the Administrative Committee meeting for this issue.

6. Public Comment Period

Mr. Harvey Eder commented about the need for solar power and equity for people with low income, the negative impacts of climate change, and opposition to renewable natural gas.

Dr. Burke expressed concerns about natural gas' role in the world's diminishing ice caps and asked if staff could consider evaluating this issue.

Chair Mitchell also expressed similar concerns about natural gas and expressed support for an increased use of renewable natural gas and renewable hydrogen.

7. Next Meeting Date

The next regular Legislative Committee meeting is scheduled for Friday, September 11, 2020 at 9:00 a.m.

Adjournment

The meeting adjourned at 9:47 a.m.

Attachments

- 1. Attendance Record
- 2. Update on Federal Legislative Issues Written Reports
- 3. Update on State Legislative Issues Written Reports
- 4. Recommend Position on State Bills

ATTACHMENT 1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT LEGISLATIVE COMMITTEE MEETING (VIA ZOOM) ATTENDANCE RECORD – August 14, 2020

Dr. William A. Durlea	
	South Coast AQMD Board Member
Council Member, Joe Buscaino	
Senator Vanessa Delgado (Ret.)	
Council Member, Judith Mitchell	South Coast AQMD Board Member
Supervisor V. Manuel Perez	South Coast AQMD Board Member
Supervisor Janice Rutherford	South Coast AQMD Board Member
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Jacob Haik	Board Consultant (Buscaino)
Fred Minassian	Board Consultant (Mitchell)
Andrew Silva	Board Consultant (Rutherford)
Mark Taylor	Deputy Chief of Staff (Rutherford)
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Ross Buckley	California Advisors, LLC
Jed Dearborn	
Paul Gonsalves	•
Gary Hoitsma	
David Quintana	* '
Dave Ramey	
Dave Ramey	Kadesii & Associates
Mark Abramowitz	
Stephanie Bream	
Betsy Brien	
Curtis Coleman	Southern California Air Quality Alliance
Harvey Eder	
Frank Forbes	done solar rower Coantion
	Davidia Manahant Chinaina Association
Thomas JelenicFrances Keeler	** *
Frances K eeler	
Bill LaMarr	
Bill LaMarr Erick Martell	
Bill LaMarr Erick Martell Bridget McCann	
Bill LaMarr Erick Martell Bridget McCann Margo Parks	
Bill LaMarr Erick Martell Bridget McCann Margo Parks Marisa Perez	
Bill LaMarr Erick Martell Bridget McCann Margo Parks Marisa Perez David Rothbart	California Small Business Alliance
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Paul Wright	

ATTACHMENT 2

South Coast AQMD Report for the August 2020 Legislative Meeting covering June/July 2020 Kadesh & Associates

June and July-

June featured the House conducting virtual hearings and markups session for all but four days at the end of the month when House floor votes were held under new, proxy voting procedures. The Senate was in session all four weeks of June. In July, the House conducted two weeks of highly compressed markups on Fiscal Year (FY)21 Appropriations and then met for floor votes the last two weeks of the month primarily to consider appropriations bills and the FY21 defense authorization bill. The Senate was in recess for the first half of the month and then returned for the latter half of July.

Pending Business-

Both houses of Congress have said that they hope and expect to adjourn after the first week of August for the traditional August recess period and return after Labor Day. The overarching pending business is the next and last COVID 19 relief package. Speaker Pelosi has said that the House will not adjourn until that package is passed into law.

Activity Summary-

We worked with South Coast AQMD staff on developing a funding request for air pollution agencies for any infrastructure/stimulus/appropriations legislative vehicle that may develop. Along with South Coast AQMD Executive staff we conceived, developed and delivered two letters on air quality seeking funding in the upcoming COVID 19 bill or stimulus/appropriations bills. The first is from the California Air Pollution Control Officers Association (CAPCOA) and the second is signed by South Coast AQMD, Bay Area AQMD, San Joaquin Valley APCD, Sacramento Metropolitan AQMD and the County of San Diego APCD. We have worked with Representative Garamendi's office and Senator Harris' office on Special Districts legislation and on removing the prohibition on state and local units of government from using Tax Credits for repayment to employers (i.e. South Coast AQMD) for mandated paid Emergency Sick Leave and Emergency Family Leave. We continue to pursue robust funding levels for programs of interest to South Coast AQMD such as DERA, Targeted Airshed Grants and Section 103/105. June saw Representative DeSaulnier's Clean Corridors legislation successfully passed in the House as part of a larger infrastructure bill. We worked with Representative Barragan's office in her successful initiative to add \$1 million to the Targeted Airshed Grants account via an amendment offered on the House floor.

FY21 Appropriations-

As COVID-19 issues consume the legislative agenda and complicate committee work on Capitol Hill, House and Senate appropriators have taken different paths. The House has completed Full Committee markup of all 12 annual House Appropriations bills and finished House floor consideration of ten of those. (The Homeland Security and Legislative Branch vehicles remain.) The Senate had originally planned to mark up almost all the bills before the July Fourth recess but has not met that ambitious schedule. Given that 2020 is an election year, it is virtually certain that the federal government will be funded by two or more Continuing Resolutions until December or into early (i.e. February-March) 2021.

The two-year budget deal signed last summer, H.R. 3877, cemented \$632 billion in nondefense funding this fiscal year, with a \$2.5 billion increase for fiscal 2021, which begins on Oct. 1. House and Senate appropriators must figure out how to divvy up that \$634.5 billion, distributing the additional \$2.5 billion to domestic programs across the federal government — many of which are expecting at least a slight funding boost. If appropriators want to provide more money for veterans' health within the caps, it would have to come at the expense of other domestic programs. Hence, it is has developed that the caps will be broken, either formally, or by declaring certain expenditures "emergency" and/or COVID-related as the House did in each of its appropriations bill by adding a special, emergency title to each bill. What follows in italics is from the FY21 House Interior/EPA Appropriations Bill:

Diesel Emissions Reductions Grants (DERA): The Committee recommends \$90,000,000 for DERA grants. More than 10 million older, heavily polluting diesel engines remain in use that have yet to be retrofitted, repowered, or replaced, and over one million are expected to remain in use in 2030. For fiscal year 2021, the Committee directs EPA to continue to make at least 70 percent of DERA grants available to improve air quality in non-attainment areas.

(Under State and Tribal Assistance Grants) Diesel Emissions Reductions Grants (DERA): The Committee recommends an additional \$450,000,000 for DERA grants and waives state grant loan matching requirements.

Targeted Airshed Grants: The Committee recommends \$56,306,000 for targeted airshed grants to reduce particulate matter 2.5 and ozone air pollution in non-attainment areas. Funding should be targeted to the 10 most heavily polluted areas, and projects that provide the most significant air quality improvements, greatest population-level health benefits, and that provide significant benefits to overburdened communities should be given the highest priority.

State and Local Air Quality Management Grants (used for planning and/or implementation) aka Section 103/105 is \$253m for FY21 in the House Appropriations bill.

We follow several programs in these appropriations bills for the South Coast AQMD: DERA, targeted airshed grants, and funding for the 103/105 programs. This year, given that the Senate has not moved their FY21 appropriations bills, it is unclear when and how the final funding levels for all three of these programs will ultimately be decided, though the two likely scenarios are in a lame duck session after the November 3 elections or in February/March 2021 -- at the beginning of the 117th Congress -- following two or more Continuing Resolutions (CRs). We will continue to work with AQMD staff to obtain the maximum funding for each.

	FY19 Final	FY20 House	FY20 Senate	FY20 Final	FY21 House
DERA	\$87 million	\$55 million	\$85 million	\$87 million	\$90 million
Targeted Airshed G	\$52 million	\$30 million	\$56 million	\$56.3 million	\$56.3 million
103/105	\$228 million	\$238 million	\$220 million	\$228 million	\$253 million

Clean Corridors legislation - Representative DeSaulnier and H.R. 2-

The House passed H.R. 2, the "Moving Forward Act," on a party line vote of 233 – 188 on July 1. The underlying bill included House Transportation & Infrastructure's (T&I's) surface transportation reauthorization ("INVEST in America Act") and a version of Representaive DeSaulnier's Clean Corridors Act. As introduced, The Clean Corridors Act (H.R. 2616) would direct \$3 billion in federal

dollars over the coming decade to construct and install infrastructure to support technologies like hydrogen fuel cell and electric battery-powered vehicles.

As adopted in H.R. 2 as Sec. 1303, Grants for Charging and Fueling Infrastructure to Modernization and Reconnect America for the 21st Century, provides \$1.4B over four years (FY22 – FY25) for competitive grants to deploy electric vehicle charging infrastructure, natural gas fueling, propane fueling, and hydrogen fueling infrastructure along designated Alternative Fuel Corridors that will be accessible to all drivers of electric vehicles, natural gas vehicles, propane vehicles, and hydrogen vehicles. South Coast and Bay Area AQMDs jointly proposed and lobbied on amendment DeSaulnier #83 which was adopted. It targets the Clean Corridors funds in a manner to help goods movement areas, to wit establishing as goals of the program:

"reducing greenhouse gas emissions in established goods-movement corridors, locations serving first- and last-mile freight near ports and freight hubs, and locations that optimize infrastructure networks and reduce hazardous air pollutants in communities disproportionately impacted by such pollutants;"

Next and Final COVID 19 Relief bill: HEROES Act vs. SMART Fund Act vs. HEALS Act-On May 15 House Democrats passed an 1,800 page, \$3+ trillion COVID 19 response package, H.R. 6800. Senate Republican Leader Mitch McConnell points out that half of the CARES Act funding has yet to be distributed, but he concurs that there will be another package. Senate Republicans have introduced several bills which, when taken together comprise their \$1 trillion response. McConnell is seeking liability protection for employers while stating that cases of gross negligence and intentional behavior would still be subject to legal action by employees and/or customers. Another issue for McConnell is to revisit federal Unemployment Insurance which ends in July and, McConnell believes, is too high.

The main points of negotiation will be:

- 1- The overall funding level (House is at \$3.5t and Senate GOP/Administration is at about \$1t).
- 2- Unemployment Insurance extension and level of federal support (currently \$600/week).
- 3- Liability protections for employers/business owners.
- 4- Additional funds for state and local government (House bill has it, Senate bill does not).

HEROES Act-

Congress has already passed \$3 trillion on four measures in response to the economic downturn caused by the outbreak. House Democrats passed by a vote of 208-199 on May 15 a \$3 trillion coronavirus relief bill (H.R. 6800) combining new relief to state and local governments with direct cash payments, expanded unemployment insurance and food stamp funds, as well as a list of progressive priorities like funds for voting by mail and the U.S. Postal Service.

- Among its key provisions, the bill would provide almost \$1 trillion in aid for state and local governments as well as \$1,200 cash payments to individuals and \$1,200 for dependent children, up to \$6,000 a household. It also would extend a \$600 weekly increase to unemployment insurance into January. This aid could be used for replacing lost revenues.
- The bill also provides \$200 billion to fund what it describes as "hazard pay" for essential workers who've had to risk exposure to the virus as they stay on the job while much of the rest of the country has been shut down.
- Another \$75 billion would be allocated for virus testing and contract tracing.

- The bill would greatly expand a tax credit included in the last virus relief bill that gives employers tax breaks for keeping workers paid. The new version would give employers a credit worth up to \$12,000 an employee a quarter, an increase of \$5,000 per worker for the remainder of the year.
- It would suspend the cap on state and local tax, or SALT, deductions for two years. The Republican tax law in 2017 imposed a \$10,000 cap on those tax breaks, which Democrats, particularly those from higher-tax New York and New Jersey, have been seeking to repeal since the law passed.
- The bill would give public transportation systems about \$16 billion in aid to respond to the pandemic. \$11.8 billion would be allocated to urban areas with populations over 3 million, \$4 billion would go to transit agencies that need "significant additional assistance" to maintain basic services.
- Schools would get \$100 billion in the bill, though funding for colleges and K-12 schools in the measure would fall short of the \$250 billion in federal aid education groups have sought.

SMART Fund Act-

A bipartisan group of senators introduced legislation Monday, May 18 that would establish a \$500 billion fund to help state and local governments cope with the impact of the coronavirus. Senator Bob Menendez, a Democrat from New Jersey, and Senator Bill Cassidy, a Republican from Louisiana, first announced plans for the bill in April. They have added two more Republicans to the effort: Susan Collins of Maine and Cindy Hyde-Smith of Mississippi as well as Democrats Joe Manchin of West Virginia and Cory Booker of New Jersey. A companion bill has been introduced in the House by Representatives Mikie Sherrill, D-N.J., and Peter King, R-N.Y., along with a group of bipartisan co-sponsors. Details of the measure include:

- The money would be divided into three tranches, distributed according to population size; infection rates and revenue losses;
- The bill does not have a population requirement, meaning municipalities of any size can use the money it makes available; and
- All states, Puerto Rico and the District of Columbia would receive a minimum of \$2b under the plan.

HEALS Act-

Senate Republican leaders unveiled a package of separate bills, giving Congress the option of passing parts of the agenda -- such as extensions of unemployment insurance or schools funding - now and leaving the rest for later. The Senate Republicans and the Administration had been divided on the overall cost of the plan and how to extend unemployment benefits expiring this week.

Unemployment Insurance

Pandemic-related federal supplemental unemployment benefits for millions of people in the U.S. end on July 31. The Republican plan extends the added benefits at a rate lower than the \$600 per week enacted as part of the CARES Act in March. For two months, the benefits would be set at \$200 per week on top of state-level benefits, which vary. After that, states would provide benefits equal to 70% of previous wages, with the federal supplement capped. States would be allowed to apply for a waiver to secure up to two additional months to transition to the new calculation. Republicans say the CARES Act benefit level was too high, making it hard for employers to rehire people who are getting more in unemployment benefits than they earned while working. There is little chance Democrats will accept such a steep reduction with many parts of the country unable to fully reopen

due to a resurgence in coronavirus infections. Senate Democrats have proposed extending the \$600 benefit through March 2021. The House-passed Heroes Act would extend the benefit into January.

Direct Payments

The Senate GOP legislation includes a second tranche of stimulus payments, structured the same way as the earlier round, in March. The plan provides \$1,200 payments at individual incomes of \$75,000 or less a year, with \$500 in benefits for each child or adult dependent. The bill passed by House Democrats two months ago also includes \$1,200 stimulus payments, but has \$1,200 benefits per child, up to a total of \$6,000 per household.

Education Funding

The Republicans would provide \$105 billion, with \$70 billion going to elementary, middle and high schools; \$29 billion for colleges and universities and \$5 billion to a flexible fund. Two-thirds of the money would go to schools that institute reopening plans and the rest to schools generally, under existing federal formulas. The White House has fought to tie school aid to reopening plans, but Democrats are opposed. Democrats are demanding \$430 billion for schools. The GOP plan would also allow student borrowers to delay loan repayments and then cap loan payments at 10% of income minus housing costs.

Liability Protections

Liability protections are a top priority for McConnell. The Senate GOP bill shields businesses, schools, charities and other organizations from Covid-19-related lawsuits through Oct. 1, 2024, as long as they make "reasonable" efforts to follow public health guidelines and don't commit acts of "gross negligence" or "intentional misconduct." The proposal would move to federal courts medical liability claims against caregivers that arise from virus-related care provided by licensed health care facilities and medical workers. Like employers generally, they could only be successfully sued if they engaged in gross negligence and intentional misconduct. Federal courts could decide such matters as the burden of proof by a claimant or any caps on damages. Democrats say that instead of liability shields, Congress should push the Occupational Safety and Health Administration to develop clear guidelines for businesses and schools.

Small Business Loans

The Senate GOP plan would extend the Paycheck Protection Program of forgivable small business loans, adding \$60 billion to a facility that still has \$130 billion left from the last stimulus. Small businesses with fewer than 300 employees that can show revenue losses of 50% or more since the pandemic began would be able to apply for second PPP loans.

Health Care

The White House dropped its initial opposition to new testing money in the bill and has agreed to go along with a plan for \$16 billion to help states ramp up tests and contact tracing. Senate Republicans had initially sought \$25 billion in new funds.

Meals and Entertainment

The legislation also includes an expanded tax break for businesses that are providing meals and entertainment for clients. The change is a priority for President Donald Trump, who has said it is important to help struggling restaurants and entertainment venues. The proposal reverses a policy included in Trump's 2017 tax law that limited the tax break to pay for other tax reductions.

Operating-During-a-Pandemic Tax Break

The plan includes tax credits for the increased costs that businesses are facing to shield workers and customers against the virus. It includes a credit to cover some of what companies spend on testing, personal protective equipment, workplace cleaning and retrofitting facilities to adhere to distancing guidelines. Lawmakers from both parties have embraced tax incentives for workplaces that do more cleaning and provide accommodations to protect against the virus.

Hiring Tax Credit

The legislation includes an expanded version of the employee retention tax credit for businesses that keep workers on their payrolls. The break gives companies an additional incentive to keep people employed as many firms still face revenue downturns but have run out of Paycheck Protection Program money or never qualified for it. The credit, which has broad bipartisan backing, is refundable against payroll tax liability, meaning that companies could get a check back from the IRS if they qualify for a larger tax break than the payroll taxes they owe. The legislation also expands a tax credit for large businesses to hire individuals who are unemployed.

Social Security, Medicare

Senator Mitt Romney of Utah was able to get his proposal to address the troubled Social Security, Medicare and Highway trust funds into the package. His bill creates a bipartisan trust fund rescue committee that must produce legislation within a set time frame. The House and Senate would be forced to take up the Rescue Committee proposal with minimal delays, but the bill could still be filibustered in the Senate. Without action, Social Security would not be able to pay full benefits after 2034 and Medicare after 2026 under current government projections.

Protective Equipment

The GOP is proposing to end dependence on foreign manufacturers for personal protective equipment. The plan developed by Senator Lindsey Graham of South Carolina would create tax credits to spur manufacturing to help the federal government reach the goal of 100% domestic sourcing within five years.

FBI Headquarters

At the White House's insistence, the bill contains \$1.75 billion for a new Washington headquarters for the Federal Bureau of Investigation. The project has been a priority for Trump, who owns a hotel across the street from the current building.

Farm Aid

The Republican proposal would provide \$20 billion in aid for agriculture, delegating broad discretion on spending to Agriculture Secretary Sonny Perdue. The legislation would allow Perdue to use the aid to compensate livestock producers for losses from killing animals that could not be sent to slaughterhouses because of virus-related shutdowns and slowdowns.

Proxy Voting Continues in the House-

Speaker Pelosi announced that the House will begin using emergency proxy voting procedures during the last week of May. The change is in effect for 45 days unless another emergency is declared. Lawmakers who stay home because of the health crisis can designate other House Members to vote for them. Lawmakers in attendance may cast votes for as many as 10 of their peers under their colleagues' written instructions.

Contacts:

Contacts included staff and House Members throughout the CA delegation, especially Leadership and Appropriators who were targeted.

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To: South Coast AQMD Legislative Committee

From: Carmen Group

Date: July 30, 2020

Re: Federal Update -- Executive Branch

COVID Relief Legislation: Much of June and July in Washington was consumed with maneuvering and speculation about the next phase of planned coronavirus relief legislation, including the important matter of whether a final bill would include a significant amount of new money for state and local governments to address funding shortfalls and revenue losses attributable to the ongoing public health crisis caused by COVID-19. In June, the House passed the Democrats' highly partisan \$3 trillion HEROES Act - with significant state and local funding - on a party line vote. It was immediately dismissed by the White House and Senate Republicans. Then in July, the Senate Republican leadership, working with the White House, unveiled their proposed \$1 trillion HEALS Act – without significant state and local funding – and it was immediately dismissed by House and Senate Democrats. By the end of July, the chances of an amical compromise seemed remote, as alternative proposals emerged for a much smaller bill focused primarily on addressing expiring provisions of the CARES Act.

Meanwhile Carmen Group was actively engaged with South Coast AQMD staff and the federal consultant team in advancing the prospects for legislative language to be included to ensure COVID-related funding eligibility for "special districts," including air agencies. Our efforts included advocacy for emerging special districts legislation (HR 7073 and S 4048) as well for a proposal to directly increase air agencies' funding through the U.S. Environmental Protection Administration Section 103 and 105 programs. By researching states with larger numbers of special districts and non-attainment areas, we targeted specific Republican members for special outreach efforts. We were also in touch on these issues with the Senate Majority Leader McConnell's office to ensure that his team were fully aware of South Coast AQMD's priority concerns and recommendations.

Surface Transportation Reauthorization and Infrastructure: In early July, the House passed a \$1.5 trillion Infrastructure bill on a largely party line vote. The bill included the House Transportation & Infrastructure Committee's \$482 billion highway and transit reauthorization bill, which was approved in Committee in mid-June. Included in the legislation were numerous provisions addressing clean energy, climate and emissions reduction initiatives. But the bill had no serious bipartisan support. Meanwhile in the Senate, there has been next to no significant movement so far this year. And while the Administration has reportedly drafted a \$1 trillion infrastructure bill of its own, and the Senate Committee has been sitting on its approved bipartisan highway and transit bill, the

growing consensus in town is that there will only be a 6-month to one-year stop-gap highway and transit extension, leaving the bigger issues to be confronted next year.

<u>Cleaner Trucks Initiative:</u> In July, the EPA quietly let it be known that the long awaited proposed rule on a new ultra-low NOx standard for heavy-duty trucks would not be issued this summer as originally planned, but postponed until after the November election. No surprise here.

<u>DERA Reauthorization</u>: A provision for a five-year reauthorization of the EPA's Diesel Emissions Reduction Act (DERA) program is now included Senate-passed National Defense Authorization Act (NDAA) which will be in conference with the House-passed NDAA over the next few months. The same provision contained surface transportation legislation may die if the transportation bill fizzles, as seems likely now.

NEPA Review Process Reform: In July, the Trump Administration issued a final rule to "modernize" and "accelerate" the environmental reviews required under the National Environmental Policy Act (NEPA). Among other things, the rule establishes time limits on environmental impact statements (two years) and environmental assessments (one year). The changes are designed to streamline the approval process for major infrastructure projects without changing the NEPA law's basic requirements.

Federal Agency Roundup

EPA Permit Process Reform: In July, the EPA issued a final rule to streamline the review of permits by the Agency's Environmental Appeals Board (EAB), expediting certain timelines of the prior process and imposing new targeted deadlines.

EPA Clean Air Act Honest Accounting Proposal: In June, the EPA issued a proposal to improve the rulemaking process under the Clean Air Act by establishing requirements to ensure consistent, high-quality procedures to codify best practices for benefit-cost analyses in rulemakings.

EPA Retains NAAQS Ozone Standard: In July, the EPA proposed to retain, without changes, the existing 2015 National Ambient Air Quality Standards (NAAQS) for ozone.

EPA Adds Hazardous Air Pollutant to Regulated List: In June, EPA granted petitions to add 1-bromopropane (1-BP) to the list of hazardous air pollutants regulated under the Clean Air Act, the first time since 1990 that EPA had granted such a petition.

EPA Proposes Emissions Standards for Aircraft: In July, the EPA proposed the first greenhouse gas emissions standards for airplanes used in commercial aviation and large business jets. The action will align U.S. standards with the international CO2 emissions standards set by the International Civil Aviation Organization ((ICAO).

FTA Announces Low-No Bus Grants: In June, the Federal Transit Administration announced \$130 million in grant selections covering 41 projects in 40 states and the District of Columbia under the Low and No Emission Grant Program. The grants support the deployment of low emission and zero emission buses and supporting bus facilities and infrastructure.

DOT Announces INFRA Grants: In June, the Department of Transportation announced that \$902 million was being awarded to 20 projects in 20 states under the INFRA discretionary grant program established in the 2015 FAST Act. Projects focus on improvements to highways, bridges, ports and railroads with an emphasis on innovation.

<u>FHWA Announces STSFA Grants</u>: In July, the Federal Highway Administration announced the award of \$15.1 million in grants to seven pilot projects in five states under the Surface Transportation System Funding Alternatives (STSFA) program. The projects are designed to test innovative ways to supplement the federal gas tax and provide long-term support for the Highway Trust Fund.

FHWA Announces ATCMTD Grant Funding Availability: In July, the Federal Highway Administration announced that \$60 million was being made available for grants under the Advanced Transportation and Congestion Technologies Deployment Program (ATCMTD) designed to fund new technologies that improve transportation efficiency.

DOE Seeks to Advance Hydrogen and Fuel Cell R&D: In June, he Department of Energy announced the intention to invest up to \$100 million over five years in two new DOE National Laboratory-led efforts to advance hydrogen and fuel cell technologies research and development. One of these efforts is designed to accelerate development of fuel cells for heavy-duty vehicle applications, including long-haul trucks. This initiative will set a five-year goal to prove the ability to have a fully competitive heavy-duty fuel cell truck that can meet all of the durability, cost, and performance requirements of the trucking industry.

<u>DOE Announces Coal-to-Hydrogen R&D</u>: In July, the Department of Energy announced it was awarding \$37 million to seven projects under its Coal FIRST program designed to convert coal, biomass and waste plastics to generate clean electricity and hydrogen, important for enabling the transition of the electricity, manufacturing and transportation sectors toward a low-carbon footprint.

<u>DOE Announces Additional Hydrogen Projects</u>: In July, DOE announced approximate \$64 million for 18 projects to support the H2@Scale vision for affordable hydrogen production, storage, distribution and use...including efforts to identify cost-effective fuel cell components for medium and heavy-duty trucks. H2@Scale is a multi-year initiative to fully realize hydrogen's benefits across the economy.

<u>DOE Announces Projects to Support Advanced Vehicle Technologies</u>: In July, DOE announced \$139 million for 55 projects across the country to support advanced vehicle technologies. These include advanced batteries, electrification and manufacturing to sustain U.S. global leadership in energy storage technology, utilization and exports.

<u>Outreach</u>: Relevant contacts included the office of Sen. James Inhofe and Senate EPW Committee staff on possible infrastructure, transportation and COVID legislation; the Washington DC office of the CALSTART business coalition on clean energy priorities in federal legislation and agencies; and additional contacts with the office of Senate Majority Leader McConnell and targeted Republican House members in Texas, Missouri Nebraska, Indiana and Maryland on special districts legislation and EPA funding issues.



To: South Coast Air Quality Management District

From: Cassidy & Associates

Date: July 30, 2020 Re: July Report

HOUSE/SENATE

During the month of July both the House and the Senate were in session. The House considered two spending packages setting funding levels for all federal agencies through Fiscal Year 2021 and passed the Moving Forward Act, a comprehensive infrastructure proposal. In addition, the House took up legislation to fund outdoor recreation projects, repair infrastructure in parks, and address water infrastructure.

The Senate deliberated and confirmed various nominations, including:

- Dana T. Wade, Assistant Secretary of Housing and Urban Development
- Marvin Kaplan, Member of the National Labor Relations Board
- Lauren McGarity McFerran, Member of the National Labor Relations Board

The month of July has been consumed by Appropriations in the House and the National Defense Authorization Act (NDAA) in the Senate. The House during the weeks of the 6th and the 13th were spent on markups for the FY2021 Appropriations packages, while the Senate continued with NDAA work. During the week of the 20th the House passed the FY2021 Appropriations package for the Interior and Environment, while the Senate continued to be focused on NDAA. The House spending measure funding the Environmental Protection Agency included:

DERA Grants -- \$90 million – The Committee directed at least 70% of these funds to non-attainment areas. This is an increase of \$3 million over FY 2020 levels.

Note: The Moving Forward Act reauthorizes the diesel emissions reduction program at \$500 million each year for fiscal years 2021 through 2025.

Targeted Airshed Grants -- \$56.3 million – The Committee targeted funding to the 10 most heavily polluted areas and "projects that provide the most significant air quality improvements, greatest population-level health benefits, and that provide significant benefits to overburdened communities should be given the highest priority." This is level funding from FY 2020.

In addition, the report accompanying the spending bill devoted substantial attention to the pending Cleaner Trucks Initiative. The Committee urged the EPA to develop a final rule that "minimizes NOx emissions from heavy-duty vehicles as quickly as possible to assist serious, severe, and extreme ozone nonattainment areas." Also included was an explicit expectation that EPA work with states and local air pollution control bodies.

The bipartisan Great American Outdoors Act, which provides full funding for the Land and Water Conservation Fund, was passed by the House and awaits signature by the President. The Senate still has not taken up the House-passed HEROES Act and has instead released their own COVID-19 response package, the HEALS Act. The HEALS Act is the Republicans' \$1 trillion response to the \$3 trillion HEROES Act. Importantly, the HEALS Act does not include any new funding for state and local governments, whereas the HEROES Act includes \$500 billion for state governments and \$375 billion for local governments. The two sides have begun discussions to find a compromise but the vast differences in the two packages could make for long and difficult negotiations.

Cassidy and Associates support in July:

- Strategized with SCAQMD on identifying federal funds to assist the district with COVID related expenses and loss of revenues. We specifically supported work on legislation to ensure "special districts" were eligible for federal funding.
 - As a result of our efforts, a bipartisan bill was released by Sens. Sinema, Cornyn and Harris to fund special districts. We expect this bill to be considered in bipartisan negotiations to consolidate HEALS and HEROES.
- Supported efforts to provide air agencies assistance through increased funding for the U.S.
 Environmental Protection Agency. Brought SCAQMD letter and CAPCOA communications to
 the attention of House and Senate Leadership, Senate Offices and Committees of
 Jurisdiction.

Government funding, major programs up for renewal Sept. 30.

- Government funding for fiscal 2021 must be addressed to avoid shutdown.
- We expect a continuing resolution to fund the government through the election.
- Annual defense authorization and surface transportation are both in play to move by the end of this year.

Other expirations include:

- Federal health programs, which are now set to expire Nov. 30. Renewal has been targeted action on surprise billing, drug pricing
- Pandemic response programs, many of which expire at the end of the year, and the extra \$600 unemployment aid that expires at the end of July.
- Tax extenders, including for energy and alcohol, which expire Dec. 31.

IMPORTANT LEGISLATIVE DATES

July

- New COVID-19 package, deliberations begin
- NDAA work concludes in both chambers and conference negotiations begin
- House Appropriations legislation floor action

August

- Continuation of negotiations for new COVID-19 package, HEALS Act
- August recess dates may change

Sept. 30

- Senate will begin Appropriations work
- A CR will be signed into law funding the government through the election
- Fiscal 2020 funding expires, as well as other major programs:
 - National Defense Authorization Act (\$735.8 billion)
 - Surface Transportation Authorization (FAST Act \$64.1 billion)
 - National Flood Insurance Program (\$30.4 billion)
 - National Institutes of Health Authorization (\$36.5 billion)
 - Every Student Succeeds Act (\$26.1 billion extends automatically for one year if Congress does not act)
 - Workforce Innovation and Opportunity Act (\$10 billion)
 - Childcare and Development Block Grants (\$2.7 billion)
 - Federal Communications Commission Authorization (\$339.6 million)
 - America's Water Infrastructure Act sewer overflow and other grants (\$240 million)
 - Runaway and Homeless Youth Programs (\$127.4 million)
 - VA Authorities, including health care, homelessness (\$69 million)
 - Immigration programs, including E-Verify and EB-5 investor visa

Nov. 30 - Dec. 31

- Temporary Assistance for Needy Families
- Community Health Centers
- Medicare Programs

PANDEMIC RESPONSE PROGRAMS AND AUTHORITIES

End Date/Program July 31, 2020 (THIS FRIDAY)

• Additional \$600 per week federal pandemic unemployment benefit

Sept. 30, 2020

Student loan repayment and interest accrual suspension

Dec. 31, 2020

- Treasury Department business, state, & local government loan authority
- Various temporary tax breaks
- Emergency sick and family leave programs
- Pandemic unemployment assistance
- Medicare sequestration suspension
- Changes to banking and accounting rules (could expire sooner if epidemic ends)

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 (<u>USDT</u>), Office of the Director of National Intelligence (<u>ODNI</u>), and U.S. Election Assistance Commission (<u>EAC</u>).

Helpful Agency Contact Information:

U.S. Department of Health and Human Services – Darcie Johnston (Office – 202-853-0582 / Cell – 202-690-1058 / Email – darcie.johnston@hhs.gov)

U.S. Department of Homeland Security – Cherie Short (Office – 202-441-3103 / Cell – 202-893-2941 / Email – Cherie.short@hq.dhs.gov)

U.S. Department of State – Bill Killion (Office – 202-647-7595 / Cell – 202-294-2605 / Email – killionw@state.gov)

U.S. Department of Transportation – Sean Poole (Office – 202-597-5109 / Cell – 202-366-3132 / Email – sean.poole@dot.gov)

IMPORTANT DATES: ELECTIONS



Republican (Caucus Re	publican Primary	Republican Convention	n 🎇 Presidential D	ebate Election	n Day	politicopro.co
DATE	STATE	DEMOCRAT	REPUBLICAN	DATE	STATE	DEMOCRAT	REPUBLICAN
February 3	Iowa	Caucus	Caucus	May 2	Guam	Caucus	
February 11	New Hampshire	Primary	Primary		Kansas	Primary	
February 22	Nevada	Caucus		May 5	Indiana	Primary	Primary
February 29	South Carolina	Primary		May 12	Nebraska	Primary	Primary
March 3	Alabama	Primary	Primary		West Virginia	Primary	Primary
March 3	American Samoa	Primary	Primary	May 19	Kentucky	Primary	Primary
	Arkansas	Primary	Primary	110) 11	Oregon	Primary	Primary
	California	Primary	Primary	June 2	District of Columbia	Primary	
	Colorado	Primary	Primary	Julie 2	Montana	Primary	Primary
	Democrats Abroad Maine	Primary	Primary		New Jersey	Primary	Primary
	Massachusetts	Primary Primary	Primary		New Mexico	Primary	Primary
	Minnesota	Primary	Primary		South Dakota	Primary	Primary
	North Carolina	Primary	Primary	June 6	Virgin Islands	*******	
	Oklahoma	Primary	Primary	June 6	virgin islands	Caucus	
	Tennessee	Primary	Primary	July 13 - 16	Democratic Convention		
	Texas	Primary	Primary		(Milwaukee, WI)		
	Utah	Primary	Primary	August 24 - 27	Republican Convention		
	Vermont Virginia	Primary Primary	Primary	100000000000000000000000000000000000000	(Charlotte, NC)		
		Frinsary		September 29	First Presidential Debate		
March 8	Puerto Rico		Primary		(South Bend, IN)		
March 10	Hawaii Idaho	Primary	Caucus Primary	October 7	Vice Presidential Debate (Salt Lake City, UT)		
	Michigan	Primary	Primary				
	Mississippi	Primary	Primary	October 15	Second Presidential Debate (Ann Arbor, MI)		
	Missouri	Primary	Primary	1			
	North Dakota	Primary		October 22	Third Presidential Debate		
	Washington	Primary	Primary		(Nashville, TN)		
March 14	North Mariana	Caucus		November 3	2020 Presidential Election		
March 17	Arizona	Primary	Dalaman				
	Florida	Primary Primary	Primary Primary				
	Ohio	Primary	Primary				
March 24	Georgia	Primary	Primary				
March 29	Puerto Rico	Primary					
April 4th	Alaska	Primary					
repair and	Hawaii	Primary					
	Louisiana	Primary	Primary				
	Wyoming	Caucus					
April 7	Wisconsin	Primary	Primary				
April 28	Connecticut	Primary	Primary				
	Delaware	Primary	Primary				
	Maryland	Primary	Primary				
	New York	Caucus	Primary Primary				
	Pennsylvania	Primary					

ATTACHMENT 3



TO: South Coast Air Quality Management District

FROM: Anthony, Jason & Paul Gonsalves

SUBJECT: Legislative Update – July 2020

DATE: Thursday, July 30, 2020

When the Assembly and Senate adjourned for their summer recess on June 19 and July 2, respectively, both houses planned to return on July 13. However, shortly after adjournment, it became public that at least two legislators and several staff had been infected with COVID-19. Consequently, both houses delayed their return to the Capitol to July 27.

Having returned to session, the Legislature now has only five weeks to wrap up its work. Tensions are running high between the Senate and Assembly. While the Senate curtailed its work considerably earlier in the year, sending only roughly 200 bills to the Assembly, the Assembly sent more than 500 bills to the Senate before adjourning for recess.

To manage its workload, Senate Committee Chairs have pushed Assemblymembers to drop legislation and in some cases, chose not to set bills for hearing over the objection of their Assembly authors. In response, several Assembly Committees have delayed their hearings to reconsider which Senate bills they will advance. This type of interhouse posturing and hostage taking is common at the end of session. However, the compressed timeline in 2020 seems to be exacerbating it.

ASSEMBLY AND SENATE \$100 BILLION ECONOMIC STIMULUS PLAN

On July 27, 2020, the Assembly and Senate announced a working group from both houses of the Legislature that are prioritizing economic recovery in the final weeks of session. The working group has developed a joint \$100 billion stimulus plan, building upon the successful collaboration that led to a balanced state budget addressing the \$54 billion deficit.

Led by Senators Bob Hertzberg and Steven Bradford, and Assemblymembers Phil Ting and Jacqui Irwin, lawmakers aim to protect Californians and spur job creation during and even after the COVID-19 crisis. Legislative leadership in both houses have been supportive of the working groups' efforts.

The stimulus plan aims to raise \$100 billion through a new tax voucher program and the acceleration of other existing revenue streams. The money would be used to boost the economy and protect jobs, small businesses, and working families.

The working groups will also seek input from the Newsom Administration, including the Governor's Task Force on Business and Jobs Recovery, and from the public. Both houses will work together to approve measures by the August 31, 2020, legislative deadline and identify priorities for the next session.

State Treasurer Fiona Ma and State Superintendent of Public Instruction Tony Thurmond are engaged with the Legislature, and will provide their expertise as stimulus policies are refined and finalized.

The complete list of Assembly and Senate working group members includes: Senators Jim Beall, Anna Caballero, Maria Elena Durazo, Cathleen Galgiani, Holly Mitchell, Anthony Portantino, Nancy Skinner, and Bob Wieckowski; Assemblymembers Tasha Boerner Horvath, David Chiu, Eduardo Garcia, Adam Gray, Tim Grayson, Jacqui Irwin, Sydney Kamlager, Monique Limon, Kevin McCarty, Kevin Mullin, Al Muratsuchi, Cottie Petrie-Norris, Rudy Salas and Buffy Wicks.

LEGISLATIVE DEADLINES

- Aug. 14 Last day for policy committees to meet and report bills.
- Aug. 21 Last day for fiscal committees to meet and report bills.
- Aug. 24 Last day to amend bills on the floor.
- Aug. 24-31 Floor session only. No committee may meet for any purpose except Rules Committee, bills referred pursuant to Assembly Rule 77.2, and Conference Committees.
- Aug. 31 Last day for each house to pass bills. Final Recess begins upon adjournment.

RESOLUTE

To: South Coast Air Quality Management District

From: David Quintana, Esq.

Date: July 30, 2020 Subject: Legislative Update

Important Dates

July 27 - Legislature returns from Summer Recess

Aug. 14 – Last day for policy committees to meet and report bills.
 Aug. 21 – Last day for fiscal committees to meet and report bills.

Aug. 24 - Last day to amend bills on the floor.

Floor session only in each house.

Aug. 31 - Last day for each house to pass bills. Final Recess begins.

Sept. 30 - Last day for the Governor to sign or veto bills passed by the Legislature.

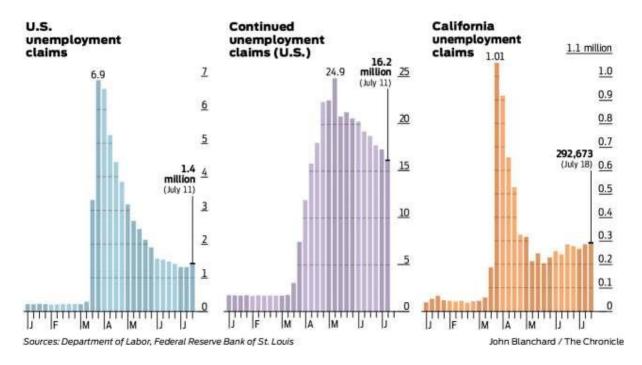
❖ Budget and the Economy. At the end of June, Governor Newsom signed the 2020 Budget Act. The state budget was a compromise that resulted after an extended negotiation between the Governor and the Legislature over the method by which the state would fund public education, emergency services, and social welfare programs. The Budget included \$202.1 billion in spending − with money available for AB 617 implementation − and plans to raise revenue to close the state's projected \$54.3 billion shortfall.

The US economy shrank by approximately 32.9% in the second quarter 2020, the worst contraction in modern American history. California's economy has continued to suffer along with the rest of the nation. The state has paid about \$50 billion in unemployment benefits since March and has seen slight increases in new unemployment claims each week. The growing unemployment rate has many economists and elected officials concerned about eviction, foreclosure, and homelessness exacerbating the recession.

SCAQMD—Leg. Update Page 1 of 8

Job loss grows in U.S., California

New unemployment filings grew across the nation and in California. Continued claims, which indicate those out of work for a longer time period, fell. The uptick in job losses may reflect the impact of states that had reopened their economies tightening back up again.



Budget and the Economy (cont.)

Governor Newsom Lowers the Dimmer Switch on the Economy. California's initial response to COVID-19 was successful enough to warrant the phased reopening of the economy. However, the state quickly saw a sharp rise in rates of coronavirus infection and subsequent deaths. This prompted Governor Newsom, on July 13, to announce a regression of the state's plan to re-open the economy, ordering the closure of indoor operations at restaurants, wineries and pubs, movie theaters, family entertainment centers, gyms and fitness centers, places of worship, hair and personal care services, shopping malls, tattoos and piercings, and offices for non-critical infrastructure.

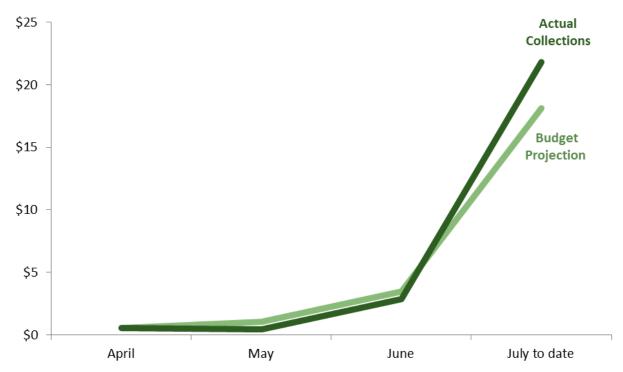
The Governor has stated that he is examining his authority to extend and expand executive orders imposed earlier in the year that placed a moratorium on evictions, and provided workers' compensation, sick leave, and other protections for essential workers, as well as working with legislators to codify the orders. Newsom has also announced that the Administration would be expanding existing programs to address homelessness and support housing for agricultural workers so that they have a place to self-isolate.

California Collected 20% more Tax Revenue than Expected. On July 17, the Legislative Analyst's Office reported that the combined personal income and corporate tax revenue generated \$3.7 billion — about 20 percent more than what was estimated in the projections used to build the state's 2020 budget. The LAO cautioned that the revenue was still \$2 billion below the revenue generated in 2019.

SCAQMD—Leg. Update Page 2 of 8

Comparing April through July Tax Collections to Budget Projections

Cummulative personal income tax and corporation tax collections since April 1 (In billions)



The Legislature is expected to take up an additional budget bill in the first half of August. This higher-than-expected revenue may stymie additional cuts and prompt some groups to lobby the Legislature for additional earmarks and spending to support their programs.

Looming Concern over the Revenue Generated in the August Cap and Trade Auction. The next auction will be held on August 18, 2020. The previous auction in May generated significantly lower revenue; just \$25 million compared to the \$600 million to \$850 million raised in prior years. Given the state of the economy, the trend of lower-than-average returns is likely to continue and motivate lawmakers to address what critics identify as weaknesses in the program.

❖ The Legislature Returns with a Short Timeline for Action. The Legislature delayed its return from its scheduled recess by an additional two weeks in light of lawmakers' concerns regarding COVID-19. Both the Assembly and the Senate are scheduled to return on July 27 with a severely truncated committee and floor schedule. This truncated schedule will likely significantly reduce the amount of bills heard and ultimately passed by the Legislature. The Senate schedule is as follows:

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Wk.	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	7/27/2020	7/28/2020	7/29/2020	7/30/2020	7/31/2020	8/1/2020
AM	7/27/2020	7/20/2020	Education Cmte 9:00 AM (Rm 4203)	Budget & Fiscal Review Cmte 8:00AM (Senate Chamber) Senate Floor Session 9:00 AM Judiciary Cmte Upon adjournment of Senate Floor Session (Rm 4203)	Public Safety Cmte 9:00 AM (Rm 4203)	Health Cmte 10:00 AM (Senate Chamber)
PM	Senate Floor Session 2:00 PM		Rules Cmte 1:30 PM (Rm 3191) Governance & Finance Cmte 1:30 PM (Rm 4203)	Judiciary Cmte continued, if necessary (Rm 4203)	Public Safety Cmte continued, if necessary (Rm 4203)	Health Cmte continued, if necessary (Senate Chamber)

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Wk.	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2	8/3/2020	8/4/2020	8/5/2020	8/6/2020	8/7/2020	8/8/2020
AM				Senate Floor		
	Governance &	Transportation	Natural	Session	Public	Business,
	Finance Cmte	Cmte	Resources &	9:00 AM	Safety	Professions,
	9:00 AM	9:00 AM	Water Cmte		Cmte	& Economic
	(Rm 4203)	(Senate	9:00 AM	Housing Cmte	9:00 AM	Development
		Chamber)	(Senate	Upon	(Rm 4203)	Cmte
			Chamber)	adjournment		10:00 AM
				of Senate Floor		(Senate
				Session		Chamber)
				(Senate		
				Chamber)		
PM	Senate Floor	Insurance Cmte	Rules Cmte	Housing Cmte	Public	Business,
	Session	Upon	1:30 PM	continued,	Safety	Professions,
	2:00 PM	adjournment	(Rm 3191)	if necessary	Cmte,	& Economic
		of Transportation		(Senate	continued,	Development
		Cmte	Labor, Public	Chamber)	if necessary	Cmte
	Energy, Utilities	(Senate	Employment &		(Rm 4203)	continued, if
	&	Chamber)	Retirement			necessary
	Communications		Cmte			(Senate
	Cmte	Elections &	1:30 PM			Chamber)
	Upon	Constitutional	(Senate			
	adjournment of	Amendments	Chamber)			
	Senate Floor	Cmte				
	Session	Upon				
	(Senate	adjournment of				
	Chamber)	Insurance Cmte				
		(Senate Chamber				

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Wk. 3	Monday 8/10/20	Tuesday 8/11/20		Wednesday 8/12/20	'	Thursday 8/13/20	Friday 8/14/20	Saturday 8/15/20
AM	Human Services Cmte 9:00 AM (Rm 4203)	Environmo Quality Cr 9:00 AM (Rm 4203)	nte	Natural Resources & Water Cmte 9:00 AM		Senate Floor Session 9:00 AM	Governmental Organization Cmte 9:00 AM	Budget & Fiscal Review Cmte 10:00 AM
				(Rm 4203)		Banking & Financial Institutions Cmte Upon adjournment of Senate Floor Session (Rm 4203)	(Senate Chamber)	(Senate Chamber)
PM	Senate Floor Session 2:00 PM Veterans Affairs Cmte, Upon adjourn of Senate Floor Session (Rm 4203) Agriculture Cmte Upon adjournment of Veterans Affairs Cmte (Rm 4203)	Labor, Pul Employme & Retirem Cmte 1:30 PM (Rm 4203)	ent nent	Rules Cmte 1:30 PM (Rm 3191) Judiciary Cr 1:30 PM (Rm 4203)		Appropriations Cmte Upon adjournment of Banking & Financial Institutions Cmte (Rm 4203)	Environmental Quality Cmte Upon adjournment of Governmental Organization Cmte (Senate Chamber)	Budget & Fiscal Review Cmte continued, if necessary (Senate Chamber)
Wk. 4	Monday 8/17	/20	Tues 8/18	-		ednesday 19/20	Thursday 8/20/20	Friday 8/21/20
AM	Appropriation 9:00 AM (Rm 4203)	s Cmte	1:30	i ary Cmte PM 4203)	Cm 9:0	propriations ite 0 AM n 4203)	Senate Floor Session 9:00 AM	
PM	Senate Floor S 2:00 PM Appropriation resumes if neo (Rm 4203)	is Cmte,	conti	iary Cmte inued 4203)	1:3	les Cmte 0 PM n 3191)	Appropriations Cmte Upon adjournment of Senate Floor Session (Rm 4203)	

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Wk. 5	Monday 8/24/20	Tuesday 8/25/20	Wednesday 8/26/20	Thursday 8/27/20	Friday 8/28/20
AM	Senate Floor Session	Senate Floor Session	Senate Floor Session	Senate Floor Session	Senate Floor Session
PM	Senate Floor Session	Senate Floor Session	Senate Floor Session	Senate Floor Session	Senate Floor Session
Wk. 6	Saturday 8/29/20	Sunday 8/30/20	Monday 8/31/20		
AM	Senate Floor Session Upon Call	Senate Floor Session Upon Call	Senate Floor Session		
PM			Last Day to Pass Legislation		

We are already seeing some of the fallout from this truncated schedule leading to conflict between the chambers. Prior to the Senate's return, several committee chairs notified Assembly authors that the Senate would be winnowing down the number of bills they would hear. Senator Hannah Beth Jackson (D-Santa Barbara), chair of the Senate Judiciary Committee, for example, culled the 80+ bills sent from the Assembly down to just a third of that number for the Committee's first hearing. In response, Speaker Anthony Rendon (D-Lakewood) postponed the Assembly's hearings by a day, informing members that he was "concerned about the imbalance of bills yet to be considered in each house." The Assembly continued with its regular schedule the following day.

Economic Stimulus Proposals.

The Legislature Releases a Joint \$100 Billion Stimulus Plan. The Assembly and Senate Working Groups, led by Senator Hertzberg (D-Van Nuys), Senator Bradford (D-Gardena), Assemblymember Ting (D-San Francisco), and Assemblymember Irwin (D-Thousand Oaks), have proposed a \$100 billion economic stimulus plan.

A key component of the plan is contingent on the Federal stimulus proposal. The state plan would have California potentially cover the difference between the existing federal unemployment benefits of \$600 a week and the newly proposed limit of \$200 a week. California would cover the \$400 weekly difference in unemployment per person.

The plan would establish an Economic Recovery Fund that authorizes the Treasurer to issue tax vouchers, which would generate revenue to fund the stimulus efforts. The plan would also accelerate infrastructure development around SB 1, broadband deployment, and other green investments. Additionally, it also provides tax relief and directs revenue to support for small businesses, unemployment insurance, childcare, affordable housing, and protecting renters from eviction.

Governor's Task Force Faces Criticism. Governor Newsom's 'Task Force on Business and Jobs Recovery' has been criticized recently for failing to provide a public roadmap or presenting ideas to the Legislature for short, mid, and long-term solutions to stimulate California's economy. The Governor has stated that

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the Task Force leadership has advised many of the actions his administration has taken, including providing metrics and insider information that has allowed him to direct aid and safely reopen sectors of the economy.

SCAQMD—Leg. Update Page 8 of 8

South Coast AQMD Report California Advisors, LLC August 14, 2020 Legislative Committee Hearing

General Update

On July 27th, both houses of the Legislature returned from an extended summer recess. Due to the surge in new COVID-19 cases that occurred in the middle of July, the Legislature delayed their return by two weeks as a safety precaution. However, their late return only gives them five weeks of session before the August 31st deadline. As a result of this time crunch, we have seen another round of cut downs related to bills being heard in committees.

The latest round of limiting which bills are heard has caused some tension between the two houses. One Assemblymember even commented during a committee hearing that they would not vote for a single bill from the other house until there was clarity on which bills would be set. This caused the Assembly leadership to cancel all policy hearings the following day and a number of committees scheduled for the first week after they returned were postponed. Leadership from both houses have been trying to prioritize which bills will be heard in the final weeks, but the postponement of hearings is only adding to the already crammed schedule.

Additionally, the Senate and Assembly Democrats announced a joint \$100 billion stimulus plan to revitalize California's economy. The effort is being led by Senators Bob Hertzberg (D- Van Nuys) and Steven Bradford (D-Gardena), and Assemblymembers Phil Ting (D-San Francisco) and Jacqui Irwin (D-Thousand Oaks). Further, Senate President Pro Tem Toni Atkins (D-San Diego) and Assembly Speaker Anthony Rendon (D-Lakewood) have also endorsed the proposal. The lawmakers aim to protect Californians and spur job creation during and after the COVID-19 pandemic. One of the main components of the plan revolves around investments in our Green Economy. This includes providing incentives for clean vehicles and expanding electric vehicle charging infrastructure.

Elected Officials Contacted on Behalf of South Coast AQMD:

California Advisors met with the following legislators or their offices on behalf of the South Coast AQMD:

Senate:

Bob Archuleta (SB 895), Bill Dodd (SB 1099)

Assembly:

Laura Friedman (SB 1099)

ATTACHMENT 4

South Coast Air Quality Management District Legislative Analysis Summary – AB 1714 (Aguiar-Curry)

Version: Amended -5/18/2020

Analyst: PC

AB 1714 (Aguiar-Curry)

Emissions limitations: wine fermentation.

Summary: This bill would:

- 1) Require the Air Resources Board (CARB) to convene a working group to review the state of air pollution control technologies, operational or maintenance standards, and work practices that may be applied to wine fermentation tanks;
- 2) Require air districts, when an air district adopts a rule or issues a permit requiring air pollution control technology to be installed on wine fermentation tanks, to include various finding as part of that action, including an indication that the air pollution control technology will not affect the quality, sanitation, style, or marketability of the wine expected to be fermented in the tank;
- 3) Require CARB to allocate \$1,000,000 to the University of California Davis for a study that makes recommendations to address air emissions from wine fermentation tanks in a manner that is in full compliance with state and federal air quality laws; and
- 4) Clarify that the bill does not apply to a district that prior to January 1, 2019, ordered the installation of air pollution control equipment on wine fermentation tanks.

Background: Existing law generally designates air pollution control and air quality management districts with the primary responsibility for the control of air pollution from all sources other than vehicular sources. Existing law requires each air district to attain ambient air standards for specified air pollutants, including, among others, ozone.

The bill includes legislative findings and declarations as follows: (1) The wine industry in California is an important and iconic part of the agricultural industry in the state; (2) The wine industry employs 325,000 state residents, generates \$57.6 billion in annual economic activity in the state, pays \$7.6 billion in state taxes, attracts 23.6 million tourist visits annually, and generates \$7.2 billion in annual tourism expenditures; and (3) Clean air is vital to our communities and to the state as a whole.

The bill also states that it is the intent of the Legislature that the purpose of this bill is to ensure that there is a full, open, thorough, and public process for emissions limitations on wine facilities that is are consistent with state and federal clean air laws while ensuring districts take into account considerations unique to the wine industry in the state.

Status: 5/18/2020 - From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Sen. Comm. on EQ.

South Coast Air Quality Management District

Legislative Analysis Summary – AB 1714 (Aguiar-Curry)

Version: Amended -5/18/2020

Analyst: PC

Specific Provisions: Specifically, this bill would:

- 1) Require CARB to convene a working group for the purposes of reviewing the state of air pollution control technologies, operational or maintenance standards, and work practices that may be applied to wine fermentation tanks, and the costs and benefits of those technologies, standards, and practices;
- 2) Require CARB to review options for the reduction of emissions from wine fermentation tanks that, to the maximum extent feasible, preserve and protect the quality, taste, and other unique attributes associated with wine while complying with air quality standards and objectives
- 3) Require CARB to provide air districts a summary of all cost-effective options to achieve the emissions reductions from wine fermentation tanks in addition to those options' respective abilities to preserve and protect the quality, taste, and other unique attributes associated with wine; and
- 4) Require air districts, when an air district adopts a rule or issues a permit requiring air pollution control technology to be installed on wine fermentation tanks, to include as part of that action all the following:
 - a. Either of the following:
 - i. A finding that the results of the study required by this bill demonstrate that the air pollution control technology will not affect the quality, sanitation, style, or marketability of the wine expected to be fermented in the tank.
 - ii. A finding, if the study required by this bill has not been completed, that the air pollution control technology is not expected to affect the quality, sanitation, style, or marketability of the wine expected to be fermented in the tank based on the best judgment of the district in consultation with the working group established pursuant to this bill.
 - b. A finding that disposal is readily available and cost effective for the sludges, condensates, discharges, or other wastes produced by the air pollution control technology.
 - c. A finding that operational or maintenance standards or work practices will not achieve emission reductions equivalent to the net reductions expected from installation of the air pollution control technology.
 - d. A finding that the installation of the air pollution control technology is required by federal law.
- 5) Require CARB to allocate \$1,000,000, upon appropriation, to the University of California Davis Department of Viticulture and Enology for a study that makes recommendations on options to address air emissions from wine fermentation tanks in a manner that is in full compliance with state and federal air quality laws.

South Coast Air Quality Management District Legislative Analysis Summary – AB 1714 (Aguiar-Curry)

Version: Amended -5/18/2020

Analyst: PC

- a. The study shall be prepared and submitted to the Governor and the Legislature.
- b. No later than January 1, 2022, a report shall be submitted to the Governor and Legislature describing the status of the study and future steps required, if any. The report shall be updated annually, no later than January 1 each year, until the study has concluded.
- 6) Require that the study shall be performed in consultation and cooperation with the state board, districts, and experts from the wine industry.
- 7) Clarify that the bill does not apply to a district that prior to January 1, 2019, had ordered the installation of air pollution control equipment on wine fermentation tanks.

Impacts on South Coast AQMD's Mission, Operations or Initiatives: This bill is an attack on the rulemaking authority of local air districts within California, including the South Coast AQMD, and runs counter to South Coast AQMD's goal and objective to protect and ensure adequate South Coast AQMD authority for implementation of the Board's clean air policies and programs. This bill imposes unreasonable and unworkable requirements on air districts with respect to their rulemaking relating to wineries, including requiring air districts to make findings that air pollution control technology on wine tanks will not affect the quality, sanitation, style, or marketability of the wine fermented in those tanks. Such findings are unrelated to the function or expertise of air districts. Practically speaking, these conditions would essentially work to prevent rulemaking by air districts with respect to wineries.

This bill sets a bad precedent and could encourage others to pursue legislation that seeks to limit or otherwise alter air district authority. Despite the fact that emissions from wineries within the South Coast region are not a major source of pollution regionwide, this bill could be detrimental to South Coast AQMD policy priorities to reduce criteria pollutant emissions, facilitate attainment of federal air quality standards and protect public health within the South Coast.

Recommended Position: OPPOSE

AMENDED IN SENATE MAY 18, 2020 AMENDED IN SENATE AUGUST 28, 2019 AMENDED IN ASSEMBLY APRIL 3, 2019

CALIFORNIA LEGISLATURE—2019-20 REGULAR SESSION

ASSEMBLY BILL

No. 1714

Introduced by Assembly Member Aguiar-Curry (Coauthor: Assembly Member Blanca Rubio)

February 22, 2019

An act to add Article 8.5 (commencing with Section 41990) to Chapter 3 of Part 4 of Division 26 of the Health and Safety Code, relating to nonvehicular air pollution.

LEGISLATIVE COUNSEL'S DIGEST

AB 1714, as amended, Aguiar-Curry. Emissions limitations: wine fermentation.

(1) Existing law generally designates air pollution control and air quality management districts with the primary responsibility for the control of air pollution from all sources other than vehicular sources. Existing law requires each *air* district to attain ambient air standards for specified air pollutants, including, among others, ozone.

This bill would require the State Air Resources Board to convene a working group with a specified membership for the purposes of reviewing the state of air pollution control technologies, operational or maintenance standards, and work practices that may be applied to wine fermentation tanks, and the costs and benefits of those technologies, standards, and practices. The bill also would require the state board to review options for the reduction of emissions from wine fermentation tanks that, to the maximum extent feasible, preserve and protect the

AB 1714 — 2 —

quality, taste, and other unique attributes associated with wine while complying with air quality standards and objectives and would require the state board to provide air districts a summary of all cost-effective options to achieve the emissions reductions from wine fermentation tanks in addition to those options' respective abilities to preserve and protect the quality, taste, and other unique attributes associated with wine.

This bill would require air districts, as specified, when an air district adopts a rule or issues a permit requiring air pollution control technology to be installed on wine fermentation tanks, to include as part of that action specified findings. By adding to the duties of air districts when adopting a rule on wine fermentation tanks, the bill would impose a state-mandated local program.

This bill would require the state board to allocate \$1,000,000, available upon appropriation, to the University of California Davis—School Department of Viticulture and Enology for a study that makes recommendations on options to address air emissions from wine fermentation tanks in a manner that is in full compliance with state and federal air quality laws, as specified. The bill would require the study to be prepared and submitted to the Governor and the Legislature, as specified.

(2) The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for a specified reason.

Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: yes.

The people of the State of California do enact as follows:

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SECTION 1. Article 8.5 (commencing with Section 41990) is added to Chapter 3 of Part 4 of Division 26 of the Health and Safety Code, to read:

Article 8.5. Wine Fermentation

41990. (a) The Legislature finds and declares all of the following:
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3 AB 1714

(1) The wine industry in California is an important and iconic part of the agricultural industry in the state.

- (2) The wine industry employs 325,000 state residents, generates \$57.6 billion in annual economic activity in the state, pays \$7.6 billion in state taxes, attracts 23.6 million tourist visits annually, and generates \$7.2 billion in annual tourism expenditures.
- (3) Clean air is vital to our communities and to the state as a whole.
- (b) It is the intent of the Legislature that the purpose of this article is to ensure there is a full, open, thorough, and public process for emissions limitations on wine facilities that—is are consistent with state and federal clean air laws while ensuring districts take into account considerations unique to the wine industry in the state.
 - 41991. The state board shall do all of the following:
- (a) Convene a working group, for the purposes of reviewing the state of air pollution control technologies, operational or maintenance standards, and work practices that may be applied to wine fermentation tanks, and the costs and benefits of those technologies, standards, and practices, with a membership that consists of all of the following:
 - (1) Members of the public.

- (2) Experts from the wine industry.
- (3) Public health and environmental experts.
- (4) One or more districts in which wineries are located in the state.
- (b) Review options for the reduction of emissions from wine fermentation tanks that, to the maximum extent feasible, preserve and protect the quality, taste, and other unique attributes associated with wine while complying with air quality standards and objectives.
- (c) Provide districts a summary of all cost-effective options to achieve the emissions reductions from wine fermentation tanks in addition to those options' respective abilities to preserve and protect the quality, taste, and other unique attributes associated with wine.
- 41992. Consistent with federal law, when a district adopts a rule or issues a permit requiring air pollution control technology to be installed on wine fermentation tanks, the district shall include as part of that action all of the following:

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- (a) Either of the following:
- (1) A finding that the results of the study described in Section 41993 demonstrate that the air pollution control technology will not affect the quality, sanitation, style, or marketability of the wine expected to be fermented in the tank.
- (2) A finding, if the study described in Section 41993 has not been completed, that the air pollution control technology is not expected to affect the quality, sanitation, style, or marketability of the wine expected to be fermented in the tank based on the best judgment of the district in consultation with the working group established pursuant to subdivision (a) of Section 41991.
- (b) A finding that disposal is readily available and cost effective for the sludges, condensates, discharges, or other wastes produced by the air pollution control technology.
- (c) A finding that operational or maintenance standards or work practices will not achieve emission reductions equivalent to the net reductions expected from installation of the air pollution control technology.
- (d) A finding that the installation of the air pollution control technology is required by federal law.
- 41993. (a) (1) The state board shall allocate one million dollars (\$1,000,000), available upon appropriation by the Legislature, to the University of California Davis—School Department of Viticulture and Enology for a study that makes recommendations on options to address air emissions from wine fermentation tanks in a manner that is in full compliance with state and federal air quality laws. The study shall be prepared and submitted to the Governor and the Legislature.
- (2) No later than January 1,—2021, 2022, a report shall be submitted to the Governor and Legislature describing the status of the study and future steps required, if any. The report shall be updated annually, no later than January 1 each year, until the study has concluded.
- (b) The study shall be performed in consultation and cooperation with the state board, districts, and experts from the wine industry.
 - (c) The study shall review all of the following:
- (1) The effects of air pollution control technology on wine fermentation tanks that contain multiple vintages and multiple varietals, on aging, on consumer and market preference changes, and on varying tank designs.

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- 1 (2) A representative sample of wine types, wine styles, and 2 anticipated wine styles that may be driven by consumers.
 - (3) Tank size variability and impact.

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- (4) The potential contamination risks of ducted versus unducted air pollution control technology.
 - (5) Impacts, if any, on wine flavor, quality, and marketability.
- 7 (6) Potential alternatives to air pollution control technology that 8 achieve the equivalent or greater in emissions reductions.
 - (7) Options for the disposal of captured ethanol.
 - (8) Effects of related laws, such as the federal FDA Food Safety Modernization Act (Public Law 111-353).
 - (9) Effects on worker safety and associated wine equipment.
 - (d) The study shall be made available for public comment prior to being submitted to the Governor and Legislature pursuant to subdivision (a).
 - (e) A report to be submitted pursuant to this section shall be submitted in compliance with Section 9795 of the Government Code.
 - 41994. This article does not apply to a district that had a rule in effect as of prior to January 1, 2020, that imposes an emissions limit 2019, had ordered the installation of air pollution control equipment on wine fermentation tanks.
- equipment on wine fermentation tanks.
 SEC. 2. No reimbursement is required by this act pursuant to
 Section 6 of Article XIIIB of the California Constitution because
 a local agency or school district has the authority to levy service
 charges, fees, or assessments sufficient to pay for the program or
 level of service mandated by this act, within the meaning of Section
 17556 of the Government Code.

South Coast Air Quality Management District Legislative Analysis Summary – SB 662 (Archuleta)

Version: As amended 6/25/20

Analyst: PC

SB 662 (Archuleta)

Energy: transportation sector: hydrogen.

Summary: This bill would allow for gas investor owned utilities (IOUs) to invest in distribution infrastructure for hydrogen transportation fuel in order to accelerate the widespread electrification of the transportation sector in California.

SB 662 would also set a progressive standard for decarbonization of hydrogen transportation fuel that mirrors requirements for decarbonization set for electricity under SB 100 (De Leon, 2018) so as to ensure that renewable hydrogen investments are at least as clean as those in battery-electric technologies and become progressively cleaner at the same pace as the electrical grid.

Background: SB 350 required the California Public Utilities Commission (PUC) to direct electrical IOUs to invest in the electrification of the transportation sector. They are required by the PUC to invest hundreds of millions of dollars collectively in programs that "accelerate widespread transportation electrification." However, no such program exists for the state's gas utilities who the author argues have the potential to affect widespread transportation electrification in an equally powerful way through the funding of projects related to the needed infrastructure to distribute zero-emission, renewable hydrogen transportation fuels.

While investments in battery electric vehicle (BEV) charging infrastructure by electrical IOUs have clear value in achieving the state's greenhouse gas (GHG) reduction targets, they will not get us there alone. The author argues that hydrogen fuel cell electric vehicles (FCEV) are another significant option to reduce GHG and criteria pollutant emissions. The cost of transporting and distributing hydrogen fuel and the lack of needed distribution infrastructure have proven to be the greatest barriers to widespread adoption of FCEV technologies. FCEVs are the only zero emission option for many Californians who live in multi-unit dwellings with no access to onsite charging infrastructure.

The author also claims that fuel cell technology has proven the only feasible option for many operators in the medium and heavy-duty arenas such as buses, trucks, warehouse equipment, marine vessels, locomotives, etc. Long routes and operating times, extreme temperatures and high torque and horsepower needs are just a few reasons why fuel cell technology has been needed in these medium and heavy-duty settings. Without investments in renewable hydrogen fuel distribution, those applications where needs cannot be adequately met by battery electric technology will likely be applications that remain powered by diesel and other non-zero-emission powertrains.

Status: 6/25/2020 - From committee with author's amendments. Read second time and amended. Re-referred to Asm. Comm. on U. & E.

South Coast Air Quality Management District Legislative Analysis Summary – SB 662 (Archuleta)

Version: As amended 6/25/20

Analyst: PC

Specific Provisions: Specifically, this bill would:

- 1) Revise the definition of "transportation electrification" to include the use of renewable hydrogen when used directly as a transportation fuel in fuel cell electric vehicles, if the hydrogen meets specified renewable content requirements;
- 2) Require the PUC, in consultation with CARB and the Energy Commission, to authorize gas corporations to file applications for investments in programs to accelerate widespread transportation electrification to advance specified environmental objectives;
- 3) Require the PUC to approve programs and investments in transportation electrification, including hydrogen and hydrogen-related distribution, pipelines, and make-ready infrastructure for hydrogen, utilizing a reasonable cost recovery mechanism if they are consistent with the specified environmental objectives, do not unfairly compete with nonutility enterprises, include performance accountability measures, and are in the interest of ratepayers; and
- 4) Require that CARB regulations, relating to hydrogen fuel dispensed for transportation purposes in California, require that not less than 33.3% of the hydrogen produced or dispensed in California for motor vehicles be renewable hydrogen. The bill would require that the renewable hydrogen percentage be increased to 44% by December 31, 2024, 52% by December 31, 2027, 60% by December 31, 2030, and would require that by December 31, 2045, 100% of the hydrogen produced or dispensed in California for motor vehicles be either renewable hydrogen or clean hydrogen produced using zero-carbon resources.

Impacts on SCAQMD's Mission, Operations or Initiatives: The author argues that by ensuring that gas IOUs also participate in transitioning our transportation sector to zero emission, California can ensure successful attainment of air quality standards and accomplishment of the State's ambitious emission reduction goals. Utility investment in these technologies is a proven success with electrical utilities; SB 662 would build on those successes by allowing gas IOUs to do their part through the advancement of renewable hydrogen transportation fuel. Bill language that requires hydrogen to decarbonize at the same rate as electricity can ensure that both zero emission options are equally clean.

Overall, this bill is in line with South Coast AQMD's mission to protect public health, reduce criteria pollutant and toxic air contaminant emissions, promote clean technology and attain federal air quality standards within the South Coast region.

Recommended Position: SUPPORT

South Coast Air Quality Management District

Legislative Analysis Summary – SB 662 (Archuleta)

Version: As amended 6/25/20

Analyst: PC

Support

Air Liquide

Alaska Applied Sciences

American Honda Motor Company

Ballard Power Systems – **Sponsor**

California Hydrogen Business Council

California Hydrogen Coalition

Center for Transportation and the Environment

Coalition for Clean Air

Energy Independence Now

First Element

Golden Gate Zero Emission Marine

H2B2

H2Safe

Hitachi Zosen Inova

ITM Power

Johnson Matthey Fuel Cells

Linde PLC

Loop Energy

Millennium Reign Energy

Nel Hydrogen

Nuvera Fuel Cells

PDC Machines

Plug Power

Red and White Fleet

SoCal Gas

Solar Wind Storage

SunLine Transit Agency

T2M Global

US Hybrid

Vinjamuri Innovations

Winkleman Flowform Technology

Opposition

N/A

AMENDED IN ASSEMBLY JUNE 25, 2020 AMENDED IN SENATE APRIL 30, 2019 AMENDED IN SENATE APRIL 11, 2019

SENATE BILL

No. 662

Introduced by Senator Archuleta (Coauthors: Senators Jones and Stern) (Coauthor: Assembly Member Mayes)

February 22, 2019

An act to amend Section 43869 of the Health and Safety Code, and to amend Sections 237.5, 400, 400.3, 740.3, 740.8, and 740.12 of the Public Utilities Code, relating to energy.

LEGISLATIVE COUNSEL'S DIGEST

SB 662, as amended, Archuleta. Green electrolytic Energy: transportation sector: hydrogen.

Under existing law, the Public Utilities Commission (PUC) has regulatory authority over public utilities, including electrical corporations, while local publicly owned electric utilities are under the direction of their governing boards. Existing law requires the PUC and the State Energy Resources Conservation and Development Commission (Energy Commission) to undertake specified actions to advance the state's clean energy and pollution reduction objectives, including, where feasible, cost effective, and consistent with other state policy objectives, to increase the use of large- and small-scale energy storage with a variety of technologies, including green electrolytic hydrogen, defined as hydrogen gas produced through electrolysis and not from fossil fuel, targeted energy efficiency, demand response, eligible renewable energy resources or other renewable and nonrenewable technologies with zero

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or lowest feasible emissions of greenhouse gases, criteria pollutants, and toxic air contaminants onsite to protect system reliability. For these purposes, "green electrolytic hydrogen" is defined as hydrogen gas produced through electrolysis and not from fossil fuel.

This bill would additionally require the PUC and Energy Commission to take into account opportunities to increase grid-responsive production of green electrolytic hydrogen for use in the transportation sector.

Existing law requires the PUC, State Air Resources Board (state board), and Energy Commission to consider green electrolytic hydrogen as an eligible form of energy storage, and to consider other potential uses of green electrolytic hydrogen.

This bill would include use of green electrolytic hydrogen as an alternative transportation fuel as another potential use for these purposes and would provide that grid-responsive production of green electrolytic hydrogen using excess or low-cost renewable generation and the use of that hydrogen as a mechanism of energy storage to displace the use of fossil fuels to generate electricity and as a transportation fuel are elean energy and pollution reduction objectives and technologies of this state. purposes.

The Charge Ahead California Initiative, administered by the State Air Resources Board (state board), among other things, requires the state board to identify and adopt appropriate policies, rules, or regulations to remove regulatory disincentives preventing certain retail sellers of electricity from facilitating the achievement of greenhouse gas emission reductions in nonelectrical industry sectors through increased investments in transportation electrification.

Existing law, enacted as part of the Clean Energy and Pollution Reduction Act of 2015, requires the PUC, in consultation with the Energy Commission and state board, to direct electrical corporations to file applications for programs and investments to accelerate widespread transportation electrification, as defined, to achieve specified results. The PUC is required to approve, or modify and approve, programs and investments in transportation electrification, including those that deploy charging infrastructure, through a reasonable cost recovery mechanism, if they meet specified requirements.

This bill would revise the definition of "transportation electrification" for this purpose to include the use of green electrolytic hydrogen, produced as specified, as a transportation fuel. The bill would authorize the PUC to consider proposed programs and investments by an electrical corporation in hydrogen fueling infrastructure and the production of

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green electrolytic hydrogen as a transportation fuel, via a reasonable cost recovery mechanism, if they meet specified requirements. renewable hydrogen when used directly as a transportation fuel in fuel cell electric vehicles, if the hydrogen meets specified renewable content requirements. The bill would require the PUC, in consultation with the state board and the Energy Commission, to authorize gas corporations to file applications for investments in programs to accelerate widespread transportation electrification to advance specified environmental objectives. The bill would require the PUC to approve, or modify and approve, programs and investments in transportation electrification, including hydrogen and hydrogen-related distribution, pipelines, and make-ready infrastructure for hydrogen, utilizing a reasonable cost recovery mechanism if they are consistent with the specified environmental objectives, do not unfairly compete with nonutility enterprises, include performance accountability measures, and are in the interest of ratepayers, as defined.

Existing law generally designates the state board as the state agency with the primary responsibility for the control of vehicular air pollution and requires the state board, in partnership with the Energy Commission and in conjunction with other state agencies, to develop and adopt a state plan to increase the use of alternative fuels, as defined. Existing law requires the state board to adopt regulations that will ensure that, in any year immediately following a 12-month period in which the mass of hydrogen fuel dispensed for transportation purposes in California exceeds 3,500 metric tons, no less than 33.3% of the hydrogen produced or dispensed in California for motor vehicles be made from eligible renewable energy resources, as defined.

This bill would require those regulations to require that, on a statewide basis, not less than 33.3% of the hydrogen produced or dispensed in California for motor vehicles be renewable hydrogen, as defined. The bill would require that the renewable hydrogen percentage be increased to 44% by December 31, 2024, 52% by December 31, 2027, 60% by December 31, 2030, and would require that by December 31, 2045, 100% of the hydrogen produced or dispensed in California for motor vehicles be either renewable hydrogen or clean hydrogen produced using zero-carbon resources.

Existing law requires that the governing board of a local publicly owned electric utility with an annual electrical demand exceeding 700 gigawatthours adopt an integrated resource plan and a process for updating the plan at least once every 5 years to ensure the utility

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achieves specified objectives. Existing law requires that the integrated resource plan address procurement of, among other things, transportation electrification and a diversified procurement portfolio consisting of both short-term and long-term electricity, electricity-related, and demand response products.

By expanding the definition of transportation electrification the bill would expand the matter that a local publicly owned electric utility must consider when updating an integrated resource plan, thereby imposing a state-mandated local program.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for a specified reason.

Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: yes.

The people of the State of California do enact as follows:

- 1 SECTION 1. (a) This act shall be known, and may be cited, as the Hydrogen Transportation Electrification Act of 2020.
 - (b) The Legislature finds and declares all of the following:
- 4 (1) Hydrogen fuel cell electric vehicles are electrically driven vehicles that produce zero emissions of greenhouse gases, criteria air pollutants, or toxic air contaminants.
 - (2) Hydrogen fuel cell electric vehicles are a commercially available, one-for-one replacement technology for conventional, petroleum-fueled vehicles in heavy-, medium-, and light-duty applications.
 - (3) Hydrogen fuel cell electric vehicles will be critical components in achieving the state's air quality and climate change goals through successful implementation of laws and regulations, including, but not limited to, the Innovative Clean Transit
- 15 regulations (Article 4.3 (commencing with Section 2023) of
- 16 Chapter 1 of Division 3 of Title 13 of the California Code of
- Regulations), the Zero-Emission Airport Shuttle Regulation 17
- (Subarticle 14 (commencing with Section 95690.1) of Article 4 of 18 19
- Subchapter 10 of Chapter 1 of Division 3 of Title 17 of the
- 20 California Code of Regulations), the Zero-Emission Vehicle
- Program (Sections 1962.2 and 1962.3 of Title 13 of the California 21

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- 1 Code of Regulations), the In-Use Off-Road Diesel-Fueled Fleets
- 2 Regulation (Article 4.8 (commencing with Section 2449) of Chapter
- 3 9 of Division 3 of Title 13 of the California Code of Regulations),
- 4 the commercial harbor craft regulations (Section 2299.5 of Title
- 5 13 of, and Section 93118.5 of Title 17 of, the California Code of
- 6 Regulations), the State Air Resources Board's proposed revisions
- 7 to Title 13 of the California Code of Regulations known as the 8 Proposed Advanced Clean Trucks Regulation, the state
- 9 implementation plan required by the Clean Air Act (42 U.S.C. Sec.
- 10 7401 et seq.), the scoping plan adopted by the State Air Resources
- 11 Board pursuant to Section 38561 of the Health and Safety Code,
- 12 the short-lived climate pollutant reduction strategy adopted by the
- 13 State Air Resources Board pursuant to Chapter 4.2 (commencing
- 14 with Section 39730) of Part 2 of Division 26 of the Health and
- 15 Safety Code and Chapter 13.1 (commencing with Section 42652)
- 16 of Part 3 of Division 30 of the Public Resources Code, and
- 17 reducing emissions of greenhouse gases to 40 percent below 1990
- 18 levels by 2030.

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- (4) The production of hydrogen has many pathways, each with distinct potential benefits and cobenefits that promote California's existing public health and environmental quality goals, including, but not limited to, reducing the carbon intensity of transportation fuels, reducing emissions of greenhouse gases, including emissions of short-lived climate pollutants, and improving air quality by reducing emissions of criteria air pollutants from both vehicles and fuel production facilities.
- (5) Hydrogen transportation fuel currently has a higher renewable content than average California grid electricity and it is technologically and economically feasible to further decarbonize hydrogen transportation fuel at the same pace as electricity under The 100 Percent Clean Energy Act of 2018 (Chapter 312 of the Statutes of 2018).
- (6) Ensuring that renewable standards for hydrogen transportation fuel align with those set forth by the state for electricity under The 100 Percent Clean Energy Act of 2018 will ensure that hydrogen transportation fuel is at least as clean and renewable as electricity in the state.
- 38 SEC. 2. Section 43869 of the Health and Safety Code is 39 amended to read:

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43869. (a) The state board shall, no later than July 1, 2008, develop and, after at least two public workshops, adopt hydrogen fuel regulations to ensure the following:

- (1) That state funding for the production and use of hydrogen fuel, as described in the California Hydrogen Highway Blueprint Plan, contributes to the reduction of greenhouse gas emissions, criteria air pollutant emissions, and toxic air contaminant emissions. The regulations, at a minimum, shall do all of the following:
- (A) Require that, on a statewide basis, well-to-wheel emissions of greenhouse gases for the average hydrogen-powered vehicle fueled by hydrogen from fueling stations that receive state funds are at least 30 percent lower than emissions for the average new gasoline vehicle in California when measured on a per-mile basis.
- (B) (i) Require that, on a statewide basis, no less than 33.3 percent of the hydrogen produced for, or dispensed by, fueling stations that receive state funds be made from eligible renewable energy resources as defined in Section 399.12 of the Public Utilities Code.
- (ii) If the state board determines that there is insufficient availability of hydrogen fuel from eligible renewable resources to meet the 33.3-percent requirement of this subparagraph, the state board may, after at least one public workshop and on a one-time basis, reduce the requirement by an amount, not to exceed 10 percentage points, that the state board determines is necessary to result in a renewable percentage requirement for hydrogen fuel that is achievable.
- (iii) If the executive officer of the state board determines that it is not feasible for a public transit operator to use hydrogen fuel made from eligible renewable resources, the executive officer may exempt the operator from the requirements of this subparagraph for a period of not more than five years and may extend the exemption for up to five additional years.
- (C) Prohibit hydrogen fuel producers from counting as a renewable energy resource, pursuant to clause (i) of subparagraph (B), any electricity produced from sources previously procured by a retail seller and verifiably counted by the retail seller towards meeting the renewables portfolio standard obligation, as required by Article 16 (commencing with Section 399.11) of Chapter 2.3 of Part 1 of Division 1 of the Public Utilities Code.

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(D) Require that all hydrogen fuel dispensed from fueling stations that receive state funds be generated in a manner so that local well-to-tank emissions of nitrogen oxides plus reactive organic gases are at least 50 percent lower than well-to-tank emissions of the average motor gasoline sold in California when measured on an energy equivalent basis.

- (E) Require that well-to-tank emissions of relevant toxic air contaminants for hydrogen fuel dispensed from fueling stations that receive state funds be reduced to the maximum extent feasible at each site when compared to well-to-tank emissions of toxic air contaminants of the average motor gasoline fuel on an energy equivalent basis. In no case shall the toxic emissions be greater than the emissions from gasoline on an energy equivalent basis.
- (F) Require that providers of hydrogen fuel for transportation in the state report to the state board the annual mass of hydrogen fuel dispensed and the method by which the dispensed hydrogen was produced and delivered.
- (G) Authorize the state board, after at least one public workshop, to grant authority to the executive officer of the state board to exempt from this paragraph, for a period of no more than five years, hydrogen dispensing facilities constructed for small demonstration or temporary purposes. The exemption may be extended on a case-by-case basis upon a finding that the extension will not harm public health. The executive officer may limit the total number of exemptions by geographic region, including by air district, but the average annual mass of hydrogen dispensed from exempted facilities shall not exceed 10 percent of the total mass of hydrogen fuel dispensed for transportation purposes in the state.
- (2) That, in any year immediately following a 12-month period in which the mass of hydrogen fuel dispensed for transportation purposes in California exceeds 3,500 metric tons, the production and direct use of hydrogen fuels for motor vehicles in the state, including, but not limited to, any hydrogen highway network that is developed pursuant to the California Hydrogen Highway Blueprint Plan, contributes to a reduced dependence on petroleum, as well as reductions in greenhouse gas emissions, criteria air pollutant emissions, and toxic air contaminant emissions. For the purpose of this paragraph, the regulations, at a minimum, shall do all of the following:

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(A) Require that, on a statewide basis, well-to-wheel emissions of greenhouse gases for the average hydrogen-powered vehicle in California are at least 30 percent lower than emissions for the average new gasoline vehicle in California when measured on a per-mile basis.

- (B) (i) Require that, on a statewide basis, no less than 33.3 percent of the hydrogen produced or dispensed in California for motor vehicles be made from eligible renewable energy resources as defined in Section 399.12 of the Public Utilities Code. renewable hydrogen, as defined in Section 95481 of Title 17 of the California Code of Regulations.
- (ii) Require that, by December 31, 2024, on a statewide basis, no less than 44 percent of the hydrogen produced or dispensed in California for motor vehicles be renewable hydrogen.
- (iii) Require that, by December 31, 2027, on a statewide basis, no less than 52 percent of the hydrogen produced or dispensed in California for motor vehicles be renewable hydrogen.
- (iv) Require that, by December 31, 2030, on a statewide basis, no less than 60 percent of the hydrogen produced or dispensed in California for motor vehicles be renewable hydrogen.
- (v) Require that, by December 31, 2045, on a statewide basis, 100 percent of the hydrogen produced or dispensed in California for motor vehicles be either renewable hydrogen or clean hydrogen produced using zero-carbon resources, as that term is used in Section 454.53 of the Public Utilities Code.
- (C) Prohibit hydrogen fuel producers from counting as a renewable energy resource, for purposes of subparagraph (B), any electricity produced from sources previously procured by a retail seller and verifiably counted by the retail seller towards meeting the requirements established by the California Renewables Portfolio Standard Program, as set forth in Article 16 (commencing with Section 399.11) of Chapter 2.3 of Part 1 of Division 1 of the Public Utilities Code.
- (D) Require that all hydrogen fuel dispensed in California for motor vehicles be generated in a manner so that local well-to-tank emissions of nitrogen oxides plus reactive organic gases are at least 50 percent lower than well-to-tank emissions of the average motor gasoline sold in California when measured on an energy equivalent basis.

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(E) Require that well-to-tank emissions of relevant toxic air contaminants from hydrogen fuel produced or dispensed in California be reduced to the maximum extent feasible at each site when compared to well-to-tank emissions of toxic air contaminants of the average motor gasoline fuel on an energy equivalent basis. In no case shall the toxic emissions from hydrogen fuel be greater than the toxic emissions from gasoline on an energy equivalent basis.

- (F) Authorize the state board, after at least one public workshop, to grant authority to the executive officer of the state board to exempt from this paragraph, for a period of no more than five years, hydrogen dispensing facilities that dispense an average of no more than 100 kilograms of hydrogen fuel per month. The exemption may be extended on a case-by-case basis by the executive officer upon a finding that the extension will not harm public health. The executive officer may limit the total number of exemptions by geographic region, including by air district, but the average annual mass of hydrogen dispensed statewide from exempted facilities shall not exceed 10 percent of the total mass of hydrogen fuel dispensed for transportation purposes in the state.
- (G) Authorize the state board, if it determines that reporting is necessary to facilitate enforcement of the requirements of this paragraph, to require that providers of hydrogen fuel for transportation in the state report to the state board the annual mass of hydrogen fuel dispensed and the method by which the dispensed hydrogen was produced and delivered.
- (b) Notwithstanding paragraph (2) of subdivision (a), the state board may increase the 3,500-metric-ton threshold in paragraph (2) of subdivision (a) by no more than 1,500 metric tons if at least one of the following requirements is met:
- (1) The 3,500-metric-ton threshold is first met prior to January 1, 2011.
- (2) The state board determines that the 3,500-metric-ton threshold has been met primarily due to hydrogen fuel consumed in heavy duty vehicles.
- (3) The state board determines at a public hearing that increasing the threshold would accelerate the deployment of hydrogen fuel cell vehicles in the state.
- (c) The state board, in consultation with other relevant agencies as appropriate, shall review the renewable resource requirements

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adopted pursuant to this section every four years and shall increase the renewable resource percentage requirements if it determines that it is technologically feasible to do so and will not substantially hinder the development of hydrogen as a transportation fuel in a manner that is consistent with this section.

- (d) The state board shall review the emission requirements adopted pursuant to this section every four years and shall strengthen the requirements if it determines it is technologically feasible to do so and will not substantially hinder the development of hydrogen as a transportation fuel in a manner that otherwise is consistent with this section.
- (e) The state board shall produce and periodically update a handbook to inform and educate motor vehicle manufacturers, hydrogen fuel producers, hydrogen service station operators, and other interested parties on how to comply with the requirements set forth in this section. This handbook shall be made available on the agency's Internet Web site internet website on or before July 1, 2009.
- (f) The Secretary for Environmental Protection shall convene the California Environmental Protection Agency's Environmental Justice Advisory Committee at least once annually to solicit the committee's comments on the production and distribution of hydrogen fuel in the state.
- (g) The Secretary for Environmental Protection, in consultation with the state board, shall recommend to the Legislature and the Governor, on or before January 1, 2010, incentives that could be offered to businesses within the hydrogen fuel industry and consumers to spur the development of clean sources of hydrogen fuel.
- (h) Unless the context requires otherwise, the definitions set forth in this subdivision govern the construction of this section:
- (1) "Well-to-tank emissions" means emissions resulting from production of a fuel, including resource extraction, initial processing, transport, fuel production, distribution and marketing, and delivery into the fuel tank of a consumer vehicle.
- (2) "Well-to-wheel emissions" means emissions resulting from production of a fuel, including resource extraction, initial processing, transport, fuel production, distribution and marketing, and delivery and use in a consumer vehicle.

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SECTION 1.

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SEC. 3. Section 237.5 of the Public Utilities Code is amended to read:

237.5. "Transportation electrification" means the use of electricity from external sources, including the electrical grid, to power, in whole or in part, vehicles, vessels, trains, boats, or other equipment that are mobile sources of air pollution and greenhouse gases and the related programs and charging, fueling, and propulsion infrastructure investments to enable and encourage this use of electricity. Transportation electrification also includes green electrolytic hydrogen, as defined in Section 400.2, when used as a transportation fuel. For this purpose, green electrolytic hydrogen may not use any feedstock that is a fossil fuel or that causes, creates, or increases emissions of greenhouse gases, criteria air pollutants, or toxic air contaminants, nor may the generation of the electricity used to create the green electrolytic hydrogen cause, create, or increase emissions of greenhouse gases, criteria air pollutants, or toxic air contaminants in a higher amount relative to the generation of the electricity provided to bundled-service customers of electrical corporations. renewable hydrogen, as defined in Section 43869 of the Health and Safety Code, that has a renewables content that is equal to or greater than the eligible renewable energy resource procurement requirements of Sections 399.15, 399.30, and 454.53, when the hydrogen is used directly as a transportation fuel in fuel cell electric vehicles.

SEC. 2. Section 400 of the Public Utilities Code is amended to read:

- 400. The commission and the Energy Commission shall do all of the following in furtherance of meeting the state's clean energy and pollution reduction objectives:
- (a) Take into account the use of distributed generation to the extent that it provides economic and environmental benefits in disadvantaged communities identified pursuant to Section 39711 of the Health and Safety Code.
- (b) (1) Take into account the opportunities to decrease costs and increase benefits, including pollution reduction and grid integration, using renewable and nonrenewable technologies with zero or lowest feasible emissions of greenhouse gases, criteria pollutants, and toxic air contaminants onsite in proceedings associated with meeting the objectives.

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(2) Take into account opportunities to increase grid-responsive production of green electrolytic hydrogen for use in the transportation sector.

- (c) Where feasible, authorize procurement of resources to provide grid reliability services that minimize reliance on system power and fossil fuel resources and, where feasible, cost effective, and consistent with other state policy objectives, increase the use of large- and small-scale energy storage with a variety of technologies, including green electrolytic hydrogen, targeted energy efficiency, demand response, including, but not limited to, automated demand response, eligible renewable energy resources, or other renewable and nonrenewable technologies with zero or lowest feasible emissions of greenhouse gases, criteria pollutants, and toxic air contaminants onsite to protect system reliability.
- (d) (1) Review technology incentive, research, development, deployment, and market facilitation programs overseen by the commission and the Energy Commission and make recommendations to advance state clean energy and pollution reduction objectives and provide benefits to disadvantaged communities identified pursuant to Section 39711 of the Health and Safety Code.
- (2) The Energy Commission shall review technology incentive, research, development, deployment, and market facilitation programs operating in California and overseen by academia and the private and nonprofit sectors, and make recommendations to advance state clean energy and pollution reduction objectives and provide benefits to disadvantaged communities identified pursuant to Section 39711 of the Health and Safety Code.
- (e) To the extent feasible and consistent with the state and federal constitutions, give first priority to the manufacture and deployment of clean energy and pollution reduction technologies that create employment opportunities in California, including high wage, highly skilled employment opportunities, and increased investment in the state.
- (f) Establish a publicly available tracking system to provide up-to-date information at least once annually on progress toward meeting the clean energy and pollution reduction goals of the Clean Energy and Pollution Reduction Act of 2015.
- (g) (1) Establish a disadvantaged community advisory group consisting of representatives from disadvantaged communities

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identified pursuant to Section 39711 of the Health and Safety Code. The disadvantaged community advisory group shall review and provide advice on programs proposed to achieve clean energy and pollution reduction and determine whether those proposed programs will be effective and useful in disadvantaged communities.

- (2) Each member of the disadvantaged community advisory group shall receive per diem and shall be reimbursed for travel and other necessary expenses incurred in the performance of the member's duties under this section. The total amount of money expended for panel expenses pursuant to this paragraph shall not exceed one hundred thousand dollars (\$100,000) per year.
- (3) For the purposes of paragraph (2), per diem, travel and other necessary expenses shall be funded equally by the commission and the Energy Commission.

SEC. 3.

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- SEC. 4. Section 400.3 of the Public Utilities Code is amended to read:
- 400.3. The commission, State Air Resources Board, and Energy Commission shall consider green electrolytic hydrogen an eligible form of energy storage, and shall consider other potential uses of green electrolytic hydrogen, including its use as an alternative transportation fuel. Grid-responsive production of green electrolytic hydrogen using excess or low-cost renewable generation and the use of that hydrogen as a mechanism of energy storage to displace the use of fossil fuels to generate electricity and as a transportation fuel are clean energy and pollution reduction objectives and technologies of this state.
- 29 SEC. 5. Section 740.3 of the Public Utilities Code is amended 30 to read:
- 740.3. (a) The commission, in cooperation with the Energy Commission, the State Air Resources Board, air quality management districts and air pollution control districts, regulated electrical and electrical corporations, gas corporations, and the motor vehicle industry, shall evaluate and implement policies to promote the development of equipment and infrastructure needed to facilitate the use of electricity electricity, hydrogen, and natural gas to fuel low-emission vehicles. Policies to be considered shall include both of the following:

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(1) The sale-for-resale and the rate-basing of low-emission vehicles and supporting equipment equipment, such as batteries for electric vehicles and vehicles, compressor stations for natural gas fueled vehicles. vehicles, and pipelines, distribution, and make-ready infrastructure for the use of hydrogen as a transportation fuel.

- (2) The development of statewide standards for electric vehicle charger connections and compressed natural gas vehicle fueling connections, including installation procedures and technical assistance to installers.
- (b) The commission shall hold public hearings as part of its effort to evaluate and implement the new policies considered in subdivision (a).
- (c) The commission's policies authorizing utilities to develop equipment or infrastructure needed for electricity-powered electricity-powered, hydrogen fuel cell electricity-powered, and natural gas-fueled low-emission vehicles shall ensure that the costs and expenses of those programs are not passed through to electrical or gas ratepayers unless the commission finds and determines that those programs are in the ratepayers' interest. The commission's policies shall also ensure that utilities do not unfairly compete with nonutility enterprises.

SEC. 4.

- SEC. 6. Section 740.8 of the Public Utilities Code is amended to read:
- 740.8. As used in Section 740.3 or 740.12, "interests" of ratepayers, short- or long-term, mean direct benefits that are specific to ratepayers, consistent with both of the following:
- (a) Safer, more reliable, or less costly gas or electrical service, consistent with Section 451, including electrical service that is safer, more reliable, or less costly due to either improved use of the electric system or improved integration of renewable energy generation.
 - (b) Any one of the following:
- (1) Improvement in energy efficiency of travel.
- 36 (2) Reduction of health and environmental impacts from air pollution.
- 38 (3) Reduction of greenhouse gas emissions related to electricity and natural gas production and use.

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(4) Increased use of alternative fuels, including green electrolytic hydrogen for the transportation sector.

(5) Creating high-quality jobs or other economic benefits, including in disadvantaged communities identified pursuant to Section 39711 of the Health and Safety Code.

SEC. 5.

- *SEC.* 7. Section 740.12 of the Public Utilities Code is amended to read:
- 740.12. (a) (1) The Legislature finds and declares all of the following:
 - (A) Advanced clean vehicles, including battery electric and hydrogen fuel cell *electric* vehicles, and fuels are needed to reduce petroleum use, to meet air quality standards, to improve public health, and to achieve greenhouse gas emissions reduction goals.
 - (B) Widespread transportation electrification is needed to achieve the goals of the Charge Ahead California Initiative (Chapter 8.5 (commencing with Section 44258) of Part 5 of Division 26 of the Health and Safety Code).
 - (C) Widespread transportation electrification requires increased access for disadvantaged communities, low- and moderate-income communities, and other consumers of zero-emission and near-zero-emission vehicles, including battery electric and hydrogen fuel cell *electric* vehicles, and increased use of those vehicles in those communities and by other consumers to enhance air quality, lower greenhouse gases emissions, and promote overall benefits to those communities and other consumers.
 - (D) Reducing emissions of greenhouse gases to 40 percent below 1990 levels by 2030 and to 80 percent below 1990 levels by 2050 will require widespread transportation electrification.
 - (E) Widespread transportation electrification requires electrical corporations to increase access to the use of electricity as a transportation fuel.
 - (F) Widespread transportation electrification should stimulate innovation and competition, enable consumer options in charging and fueling equipment and services, attract private capital investments, and create high-quality jobs for Californians, where technologically feasible.
- (G) Deploying electric vehicles should assist in grid management, integrating generation from eligible renewable energy

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resources, and reducing fuel costs for vehicle drivers who charge in a manner consistent with electrical grid conditions.

- (H) Deploying electric vehicle charging and hydrogen fueling infrastructure and producing-green electrolytic hydrogen for use in the transportation sector should facilitate increased sales of zero-emission vehicles by making charging and hydrogen fueling easily accessible and should provide the opportunity to access electricity *and hydrogen* as a fuel that is cleaner and less costly than gasoline or other fossil fuels in public and private locations.
- (I) According to the State Alternative Fuels Plan analysis by the Energy Commission and the State Air Resources Board, light, medium-, and heavy-duty vehicle electrification results in approximately 70 percent fewer greenhouse gases emitted, over 85 percent fewer ozone-forming air pollutants emitted, and 100 percent less petroleum used. These reductions will become larger as renewable generation increases.
- (2) It is the policy of the state and the intent of the Legislature to encourage transportation electrification as a means to achieve ambient air quality standards and the state's climate goals. Agencies designing and implementing regulations, guidelines, plans, and funding programs to reduce greenhouse gas emissions shall take the findings described in paragraph (1) into account.
- (b) (1) The commission, in consultation with the State Air Resources Board and the Energy Commission, shall direct electrical corporations to file applications for programs and investments to accelerate widespread transportation electrification to reduce dependence on petroleum, meet air quality standards, achieve the goals set forth in the Charge Ahead California Initiative (Chapter 8.5 (commencing with Section 44258) of Part 5 of Division 26 of the Health and Safety Code), and reduce emissions of greenhouse gases to 40 percent below 1990 levels by 2030 and to 80 percent below 1990 levels by 2050. Programs proposed by electrical corporations shall seek to minimize overall costs and maximize overall benefits. The commission shall approve, or modify and approve, programs and investments in transportation electrification, including those that deploy charging infrastructure, via a reasonable cost recovery mechanism if they are consistent with this section, do not unfairly compete with nonutility enterprises as required under Section 740.3, include performance accountability measures, and are in the interests of ratepayers as defined in Section 740.8.

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(2) The commission may consider proposed programs and investments in hydrogen fueling infrastructure and the production of green electrolytic hydrogen as a transportation fuel via a reasonable cost recovery mechanism if they are safe, cost-effective for ratepayers, do not result in duplicative transportation electrification investments, are consistent with this section, do not unfairly compete with nonutility enterprises as required under Section 740.3, include performance accountability measures, and are in the interests of ratepayers as defined in Section 740.8.

(c) As part of a separate proceeding from those initiated pursuant to subdivision (b), the commission, in consultation with the State Air Resources Board and the Energy Commission, shall authorize gas corporations to file applications for investments in programs to accelerate widespread transportation electrification to reduce dependence on petroleum, meet air quality standards, and reduce emissions of greenhouse gases to 40 percent below 1990 levels by 2030 and to 80 percent below 1990 levels by 2050. Programs proposed by gas corporations shall seek to minimize overall costs and maximize overall benefits. The commission shall approve, or modify and approve, programs and investments in transportation electrification, including hydrogen hydrogen-related pipelines, distribution, and make-ready infrastructure for hydrogen, via a reasonable cost recovery mechanism if they are consistent with this section, do not unfairly compete with nonutility enterprises, as required by Section 740.3, include performance accountability measures, and are in the interests of ratepayers as defined in Section 740.8.

(c)

(d) The commission shall review data concerning current and future electric transportation adoption and charging and fueling infrastructure utilization prior to authorizing an electrical corporation to collect new program costs related to transportation electrification in customer rates. If market barriers unrelated to the investment made by an electric corporation prevent electric transportation from adequately utilizing available charging and fueling infrastructure, the commission shall not permit additional investments in transportation electrification without a reasonable showing that the investments would not result in long-term stranded costs recoverable from ratepayers.

(d)

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- (e) This section applies to an application to the commission for transportation electrification programs and investments if one of 3 the following conditions is met:
 - (1) The application is filed on or after January 1, 2016.
 - (2) The application is filed before January 1, 2016, but has an evidentiary hearing scheduled on or after July 1, 2016.
- 7 SEC. 6.

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- 8 SEC. 8. No reimbursement is required by this act pursuant to
- Section 6 of Article XIIIB of the California Constitution because
- a local agency or school district has the authority to levy service 10
- charges, fees, or assessments sufficient to pay for the program or 11
- level of service mandated by this act, within the meaning of Section 12
- 13 17556 of the Government Code.



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 24

REPORT: Mobile Source Committee

SYNOPSIS: The Mobile Source Committee held meeting remotely on Friday,

August 21, 2020. The following is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file.

Dr. William A. Burke, Chair Mobile Source Committee

PF:ak

Committee Members

Present: Dr. William Burke/Chair

Supervisor Lisa Bartlett Mayor Larry McCallon

Council Member Judith Mitchell Council Member Carlos Rodriguez

Absent: Supervisor V. Manuel Perez

Call to Order

Chair Burke called the meeting to order at 9:01 a.m.

INFORMATIONAL ITEM:

Update to the Attainment Plan for the 24-hour PM2.5 Standard for South Coast Air Basin

Dr. Philip Fine, Deputy Executive Officer/Planning, Rules Development and Area Sources, provided a briefing on the proposed attainment plan for the 2006 24-hour PM2.5 standard for the South Coast Air Basin.

Council Member Rodriguez requested clarification on the number of monitoring sites in the Basin. Dr. Fine responded that the sites used for determining attainment status are listed in slides 5 and 6 (19 stations). The sites were primarily chosen to reflect population exposure while capturing the highest PM2.5 levels experienced in the Basin. Council Member Rodriguez inquired about the implications of fireworks for the two stations at Compton and Mira Loma. Dr. Fine explained that fireworks are eligible to be considered as exceptional events and can be excluded from attainment determination calculations based on the U.S. EPA guidelines. Dr. Fine added that very high PM2.5 levels were observed during the last July 4-5 period because of a combination of stagnant weather and increased local neighborhood fireworks likely resulting from reduced municipal firework displays due to COVID. He added that firework emissions are considered a regional problem because of the extensive amount of fireworks especially around July 4. Mayor McCallon commented that firework activity started much earlier this year before July 4 and continued until July 10 throughout the whole Basin.

Dr. Burke inquired about the ethnic breakdown in the Compton area. Mr. Wayne Nastri, Executive Officer, responded that Compton has a higher Latino population than African American. Mayor Mitchell commented that 66.8 percent of the population in the City of Compton is Hispanic and 30.4 percent is African American.

Dr. Burke asked about the fireworks from Disneyland and if they are still smokeless fireworks. Dr. Fine explained that in the past there were air quality concerns over the nightly firework shows at Disneyland. While smoke is inevitable when the fireworks explode in the air, Disneyland has been using pneumatic launch systems which eliminates smoke at the ground level.

WRITTEN REPORTS:

- 1. Rule 2202 Activity Report: Rule 2202 Summary Status Report This item was received and filed.
- 2. Monthly Report on Environmental Justice Initiatives: CEQA Document Commenting Update

This item was received and filed.

OTHER MATTERS:

3. Other Business

There was no other business.

4. Public Comment Period

There were no public comments.

5. Next Meeting Date:

The next regular Mobile Source Committee meeting is scheduled for Friday, September 18, 2020.

Adjournment

The meeting adjourned at 9:28 a.m.

Attachments

- 1. Attendance Record
- 2. Rule 2202 Activity Report Written Report
- 3. 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 – August 21, 2020

Dr. William Burke	South Coast AOMD Board Member
Supervisor Lisa Bartlett	
Mayor Larry McCallon	
Council Member Judith Mitchell	South Coast AOMD Board Member
Council Member Carlos Rodriguez	South Coast AOMD Board Member
Council Member Carlos Rouriguez	Bouth Coast Man Board Memoer
James Dinwiddle	Board Consultant (Bartlett)
Fred Minassian	Board Consultant (Mitchell)
Kana Miyamoto	Board Consultant (Burke)
Marisa Perez	Board Consultant (Mitchell)
Andy Silva	Board Consultant (Rutherford)
Mark Taylor	Deputy Chief of Staff (Rutherford)
Mark Taylor	Departy emer or starr (realierfora)
Mark Abramowitz	Community Environmental Services
	California Council for Environmental and Economic Balance
Curt Coleman	
Peter Herzog	
	California Council for Environmental and Economic Balance
Bill La Marr	
Rongsheng Luo	
Patty Senecal	
David Rothbart	
John Ungvarsky	
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Jason Aspell	South Coast AQMD Staff
Barbara Baird	
Naveen Berry	· ·
Lawrence Brown	
Kalam Cheung	
Amir Dejbakhsh	
Philip Fine	
Bay Gilchrist	
Jo Kay Ghosh	
Sheri Hanizavareh	South Coast AQMD Staff
Mark Henninger	
Angela Kim	
Sang-Mi Lee	South Coast AQMD Staff
Xiang Li	
Matt Miyasato	
Ron Moskowitz	
Wayne Nastri	
Zorik Pirveysian	
Sarah Rees	· ·
Veera Tyagi	· ·
Jill Whynot	
Paul Wright	
	•



South Coast Air Quality Management District

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Rule 2202 Summary Status Report

Activity for January 1, 2020 - July 31, 2020

Employee Commute Reduction Program (ECRP)				
# of Submittals:	114			

Emission Reduction Strategies (ERS)		
# of Submittals:	225	

Air Quality Investment Program (AQIP) Exclusively					
County	# of Facilities	\$ Amount			
Los Angeles	36	\$	168,123		
Orange	4	\$	73,740		
Riverside	1	\$	24,440		
San Bernardino	1	\$	7,337		
TOTAL:	42	\$	273,640		

ECRP w/AQIP Combination						
County	# of Facilities	\$ Amount				
Los Angeles	2	\$	7,103			
Orange	0	\$	0			
Riverside	0	\$	0			
San Bernardino	2	\$	7,103			
TOTAL:	4	\$	14,206			

Total Active Sites as of July 31, 2020

ECRP (AVR Surveys)		TOTAL				
ECRP ¹	AQIP ²	ERS ³	Submittals w/Surveys	AQIP	ERS	TOTAL
523	13	137	673	100	562	1,335
39.17%	0.97%	10.26%	50.41%	7.49%	42.10%	100%4

Total Peak Window Employees as of July 31, 2020

ECRP (AVR Surveys)		TOTAL				
ECRP ¹	AQIP ²	ERS ³	Submittals w/Surveys	AQIP	ERS	TOTAL
379,830	5,007	58,119	442,956	15,647	248,674	707,277
53.70%	0.71%	8.22%	62.63%	2.21%	35.16%	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.

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BOARD MEETING DATE: September 4, 2020 AGENDA NO.

REPORT: Lead Agency Projects and Environmental Documents Received

SYNOPSIS: This report provides a listing of CEQA documents received by the

South Coast AQMD between July 1, 2020 and July 31, 2020, and those projects for which the South Coast AQMD is acting as lead

agency pursuant to CEQA.

COMMITTEE: Mobile Source, August 21, 2020, Reviewed

RECOMMENDED ACTION:

Receive and file.

Wayne Nastri Executive Officer

PF:SN:JW:LS:AM:MC

CEQA Document Receipt and Review Logs (Attachments A and B) – Each month, the 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 July 1, 2020 and July 31, 2020 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 July reporting period is included as Attachment B. A total of 60 CEQA documents were received during this reporting period and 30 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 the South Coast AQMD has been contacted regarding potential air quality-related environmental justice concerns. The 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 the South Coast AQMD about projects of concern by the following means: in writing via fax,

email, or standard letters; through telephone communication; and as part of oral comments at South Coast AQMD meetings or other meetings where South Coast AQMD staff is present. The attachments also identify, for each project, the dates of the public comment period and the public hearing date, if applicable. Interested parties should rely on the lead agencies themselves for definitive information regarding public comment periods and hearings as these dates are occasionally modified by the lead agency.

At the January 6, 2006 Board meeting, the Board approved the Workplan for the Chairman's Clean Port Initiatives. One action item of the Chairman's Initiatives was to prepare a monthly report describing CEQA documents for projects related to goods movement and to make full use of the process to ensure the air quality impacts of such projects are thoroughly mitigated. In response to describing goods movement, CEQA documents (Attachments A and B) are organized to group projects of interest into the following categories: goods movement projects; schools; landfills and wastewater projects; airports; general land use projects, etc. In response to the mitigation component, guidance information on mitigation measures was compiled into a series of tables relative to: off-road engines; on-road engines; harbor craft; ocean-going vessels; locomotives; fugitive dust; and greenhouse gases. These mitigation measure tables are on the CEQA webpages portion of the 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 the 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 July 1, 2020 and July 31, 2020, the South Coast AQMD received 60 CEQA documents. Of the 82 documents listed in Attachments A and B:

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

(The above statistics are from July 1, 2020 and July 31, 2020 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 the 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, the 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 the 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 the 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 the South Coast AQMD is lead agency and is currently preparing or has prepared environmental documentation. As noted in Attachment C, the South Coast AQMD continued working on the CEQA documents for one active project during July.

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

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ATTACHMENT A* INCOMING CEQA DOCUMENTS LOG July 1, 2020 to July 31, 2020

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SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Goods Movement LAC200714-06 Pier B On-Dock Rail Support Facility Project	The project consists of reconfiguration and expansion of the Pier B on-dock rail support facility to move cargo via on-dock rail with a capacity of handling up to 35 percent of cargo containers by on-dock rail. The project is located on the northwest comer of Interstate 710 and Ocean Boulevard in the community of Wilmington-Harbor City. Reference LAC190705-04, LAC180112-01, LAC170127-01, and LAC161216-06	Notice of Availability of a Draft Environmental Impact Statement	United States Department of Transportation, Maritime Administration	** Under review, may submit written comments
Warehouse & Distribution Centers LAC200728-01 Panattoni Project	Comment Period: 7/9/2020 - 8/24/2020 Public Hearing: 7/28/2020 Staff provided comments on the Mitigated Negative Declaration for the project, which can be accessed at: http://www.aqmd.gov/does/default-source/cega/comment-letters/2020/July/LAC200626-02.pdf. The project consists of construction of a 292,400-square-foot industrial building with warehousing use on 14.3 acres. The project is located on the southwest corner of East 223rd Street and Tesoro Campus Drive. Reference LAC200626-02	Response to Comments	City of Carson	** Under review, may submit written comments
	Comment Period: N/A Public Hearing: N/A			
Warehouse & Distribution Centers ORC200728-04 Sycamore Hills Distribution Center Project	The project consists of construction of two warehouses totaling 603,100 square feet on 11.6 acres. The project is located on the northeast corner of East Alessandro Boulevard and Barton Street.	Notice of Preparation	City of Riverside	** Under review, may submit written comments
	Comment Period: 7/28/2020 - 8/27/2020 Public Hearing: 8/12/2020			
Warehouse & Distribution Centers RVC200708-03 Placentia Logistics Project	The project consists of construction of a 274,190-square-foot warehouse on 11.80 acres. The project is located on the northwest corner of Placentia Avenue and Harvill Avenue.	Notice of Intent to Adopt a Mitigated Negative Declaration	County of Riverside	Document reviewed - No comments sent for this document received
	Comment Period: 6/25/2020 - 7/20/2020 Public Hearing: N/A			

^{*}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 SBC200708-02 Foisy East Project	The project consists of construction of a 467,125-square-foot warehouse on 20.29 acres. The project is located on the southeast corner of East Central Avenue and South Foisy Street.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of San Bernardino	South Coast AQMD staff commented on 7/20/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/SBC200708-02.pdf Comment Period: 6/30/2020 - 7/20/2020 Public Hearing: 8/26/2020			
Warehouse & Distribution Centers SBC200708-24 Sierra Avenue and Casa Grande Warehouse	The project consists of construction of a 322,996-square-foot warehouse on 16.76 acres. The project is located on the northwest corner of Sierra Avenue and Casa Grande Drive. Reference SBC200303-15 and SBC190702-13	Draft Environmental Impact Report	City of Fontana	** Under review, may submit written comments
Industrial and Commercial LAC200708-11 Diamond Bar Golf Course Renovation Project	Comment Period: 6/26/2020 - 8/10/2020 Public Hearing: 7/21/2020 The project consists of reconfiguration of an existing golf course on 161.9 acres. The project is located at 22751 Golden Springs Drive on the northeast corner of Golden Springs Drive and Grand Avenue in the City of Diamond Bar.	Mitigated Negative Declaration	San Gabriel Valley Council of Governments	Document reviewed - No comments sent for this document received
Industrial and Commercial LAC200714-02 Carson to Paramount Hydrogen Gas Pipeline	Comment Period: 6/19/2020 - 7/20/2020 Public Hearing: N/A The project consists of construction of a 0.5-mile hydrogen gas pipeline 8.625 inches in diameter and conversion of an existing 11.5-mile petroleum pipeline to hydrogen gas pipeline with a flow rate of seven million standard cubic feet per day. The project is located near the northeast comer of East Sepulveda Boulevard and South Alameda Street. http://www.aqmd.gov/docs/default-source/ceya/comment-letters/2020/July/LAC200714-02.pdf	Notice of Preparation (received after close of comment period)	City of Carson	South Coast AQMD staff commented on 7/21/2020
	Comment Period: 5/19/2020 - 6/19/2020 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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3 day 1, 2020 to 3 day 31, 2020					
SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS	
Industrial and Commercial RVC200707-03 MA20083	The project consists of construction of a truck yard facility with 124 trailer parking spaces on 4.63 acres. The project is located on the northwest corner of Day Creek Channel and Riverside Drive. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200707-03.pdf Comment Period: 7/6/2020 - 7/20/2020 Public Hearing: N/A	Site Plan	City of Jurupa Valley	South Coast AQMD staff commented on 7/15/2020	
Industrial and Commercial	The project consists of expansion of existing mining operations to extract 42.1 million tons of	Notice of	County of San	** Under	
SBC200716-01 Area Q Quarry Project	materials with a planning horizon of 2050 on 187.6 acres. The project is located on the northwest corner of Devil Creek Diversion Channel and Cajon Boulevard in the community of Muscoy.	Availability of a Draft Environmental Impact Report	Bernardino	review, may submit written comments	
	Comment Period: 6/30/2020 - 8/17/2020 Public Hearing: N/A				
Waste and Water-related LAC200707-04 Olympic Wellfield Restoration and Areadia Treatment Plant Expansion	The project consists of construction of a 6,565-linear-foot water pipeline 16 inches in diameter, we injection wells, and a raw water treatment facility with a capacity of 3,400 acre-feet per yea on 4.8 acres. The project is located along Arizona Avenue and Berkeley Street between South Bundy Drive and Olympic Boulevard.	Mitigated Negative Declaration	City of Santa Monica	Document reviewed - No comments sent for this document received	
	Comment Period: 7/6/2020 - 9/4/2020 Public Hearing: N/A				
Waste and Water-related LAC200708-05 Invindale Materials Recovery Facility and Transfer Station Project	This document includes additional environmental analyses for truck fueling operations, greenhouse gas emissions, transportation energy, and health impacts in response to the Los Angeles County Superior Court's decision for the project. The project consists of construction a materials recovery and transfer facility with a receiving capacity of 6,000 tons per day on 17.22 acres. The project is located on the northeast corner of Arrow Highway and Live Oak Avenue. Reference LAC160419-04, LAC141022-03, and LAC140808-02	Notice of Availability of a Recirculated Draft Environmental Impact Report	City of Irwindale	** Under review, may submit written comments	
	Comment Period: 6/22/2020 - 8/5/2020 Public Hearing: N/A				

July 1, 2020 to July 31, 2020				
SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Waste and Water-related LAC200708-09 Amani Apartments Site Waste and Water-related LAC200708-27 Biogas Renewable Generation Project	The project consists of development of cleanup actions to remove soil contaminated with lead on 0.58 acres. The project is located at 4200 West Pico Boulevard on the southwest corner of West Pico Boulevard and South Crenshaw Boulevard in the City of Los Angeles. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/1.AC200708-09.pdf Comment Period: 6/22/2020 - 7/22/2020 Public Hearing: N/A The project consists of construction of a 12-megawatt power generation facility, a one-mile natural gas pipeline, a one-mile water pipeline, and two 70,000-gallon water tanks on a 2.2-acre portion of 95 acres. The project is located at 3001 Scholl Canyon Road on the northwest corner of North Figueroa Street and Scholl Canyon Road.	Draft Removal Action Workplan Notice of Availability of a Draft Environmental	Department of Toxic Substances Control City of Glendale	South Coast AQMD staff commented on 7/21/2020 ** Under review, may submit written
Waste and Water-related LAC200716-07 Safety-K-leen Systems, Inc.	Reference LAC190320-02, LAC180309-01, LAC170927-01, and LAC170912-01 Comment Period: 7/2/2020 - 9/30/2020 Public Hearing: N/A The project consists of renewal of a hazardous waste facility permit to continue storage and transfer of petroleum-based or aqueous-based washing solution. The project is located at 2918 Worthen Avenue on the northeast corner of Ripple Street and Gilroy Street in the City of Los	Impact Report Draft Hazardous Waste Facility Permit Renewal	Department of Toxic Substances Control	** Under review, may submit written
Waste and Water-related	Angeles. Comment Period: 7/27/2020 - 9/11/2020 Public Hearing: N/A Staff provided comments on the Draft Removal Action WorkPlan for the project, which can be accessed at: http://www.aund.gov/docs/default-source/ceaa/comment.	Response to	Department of Toxic Substances	Document reviewed -
LAC200721-02 Amani Apartments Site	accessed at http://www.aginta.gov/uccs/retains-source/cegoriment- letters/20/20/July/LAC/200708-09 pdf. The project consists of development of cleanup actions to remove soil contaminated with lead on 0.58 acres. The project is located at 4200 West Pico Boulevard on the southwest corner of West Pico Boulevard and South Crenshaw Boulevard in the City of Los Angeles. Reference LAC/200708-09 Comment Period: N/A Public Hearing: N/A	Comments	Control	No comments sent for this document received

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

** Disposition may change prior to Governing Board Meeting
Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

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	duly 1, 2020 to duly 31, 2020	_		_
SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Waste and Water-related ODP200724-03 Santa Susana Field Laboratory	The project consists of development of cleanup activities to excavate, remove, and dispose contaminated soil with polycyclic aromatic hydrocarbons, total petroleum hydrocarbons, and dioxins on a 450-acre portion of 2,850 acres. The project is located on the southeast corner of Service Area Road and Woolsey Canyon Road in Ventura County. Reference ODP191113-01, ODP181221-07, ODP180904-15, ODP180814-10, ODP170926-03, ODP170915-02, ODP170908-05, ODP170402-07, ODP170405-10, ODP140116-02, ODP180912-10-2, LAC131018-05, LAC130918-13, LAC110510-12, and ODP100930-02	Final Supplemental Environmental Impact Statement	National Aeronautics and Space Administration	** Under review, may submit written comments
Waste and Water-related ORC200707-01 West Lincoln Assemblage	Comment Period: N/A Staff provided comments on the Draft Removal Action WorkPlan for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/Julv/ORC200623-02.pdf. The project consists of development of cleanup actions to remove soil contaminated with chlorinated solvents, installation of a vapor intrusion mitigation system, and a land use covenant to require monitoring and soil management for future development on 7.17 acres. The project is located at 1699 West Lincoln Avenue on the northeast corner of West Lincoln Avenue and Euclid Street in the City of Anaheim. Reference ORC200623-02	Response to Comments	Department of Toxics Substances Control	Document reviewed - No comments sent for this document received
Waste and Water-related ORC200723-01 Zone 4 Landfill Construction Projects and Source Separated Organics Facility	Comment Period: N/A Public Hearing: N/A The project consists of excavation and removal of up to 3.3 million cubic yards of hard rock material, import of 8,108 cubic yards of soil for liner installation, and construction of a recycling facility with a receiving capacity of 300 tons per day of organic wastes on a 680-acre portion of 1,530 acres. The project is located at 32250 Avenida La Plata on the southeast corner of Avenida La Plata and Prima Deshecha in cities of San Juan Capistrano and San Clemente and unincorporated areas of Orange County. Comment Period: 7/23/2020 - 8/21/2020 Public Hearing: 7/30/2020	Notice of Preparation	Orange County Department of Waste and Recycling	** Under review, may submit written comments
Waste and Water-related RVC200708-22 Vail Dam Seismic and Hydrologic Remediation Project	The project consists of seismic and structural improvements to an existing dam. The project is located within the northwest portion of Vail Lake in Riverside County. http://www.aqmd.gov/does/default-source/eeqa/comment-letters/2020/July/RVC200708-22.pdf Comment Period: 6/29/2020 - 7/29/2020 Public Hearing: 7/15/2020	Notice of Preparation	Rancho California Water District	South Coast AQMD staff commented on 7/21/2020

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

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	July 1, 2020 to July 31, 2020			
SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
PROJECT TITLE				
Waste and Water-related RVC200721-01 Goetz Road Portable Water Storage Tank and Transmission Pipeline	The project consists of construction of an eight-million-gallon potable water storage tank and a 5,490-linear-foot water pipeline 30 inches in diameter on 2.85 acres. The project is located on the northwest corner of Goetz Road and Sotelo Road and along Copper Ridge Drive between Peak Street and Murrieta Road in cities of Perris and Menifee. Reference RVC151202-02	Draft Environmental Impact Report	Eastern Municipal Water District	** Under review, may submit written comments
	Comment Period: 7/17/2020 - 8/31/2020 Public Hearing: N/A			
Waste and Water-related	The project consists of development of cleanup actions to remove soil contaminated with	Draft Removal	Department of	** Under
RVC200723-02 Southern California Edison San Jacinto	polychlorinated biphenyls, arsenic, and lead on 0.14 acres. The project is located on the southwest corner of South San Jacinto Avenue and East Third Street in the City of San Jacinto.	Action Workplan	Toxic Substances Control	review, may submit written comments
	Comment Period: 7/24/2020 - 8/22/2020 Public Hearing: N/A			
Waste and Water-related	The project consists of development of cleanup actions to remediate soil contaminated with	Draft Preliminary	Department of	South Coast AOMD staf
SBC200708-10 American Metal Recycling	polychlorinated biphenyls and a land use covenant to prohibit future sensitive land uses on 10 acres. The project is located at 11150 Redwood Avenue near the northeast corner of Cherry Avenue and Jurupa Avenue in the City of Fontana. http://www.agmd.gov/docs/default-source/cega/comment-letters/2020/July/SBC200708-10.pdf	Endangerment Assessment Report	Toxic Substances Control	commented on 7/21/2020
	Comment Period: 6/25/2020 - 7/27/2020 Public Hearing: N/A			
Transportation	The project consists of construction of a new bus stop and associated roadway	Mitigated	City of Irvine	Document
ORC200708-15 Culver Drive and Alton Parkway Intersection Improvement Project	improvements to the Culver Drive and Alton Parkway intersection.	Negative Declaration		reviewed - No comments sent for this document received
	Comment Period: 7/2/2020 - 8/1/2020 Public Hearing: N/A			

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A-6

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Transportation ORC200708-16 Harvard Avenue and Michelson Drive Intersection Improvement Project	provements to the Harvard Avenue and Michelson Drive intersection.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Irvine	Document reviewed - No comments sent for this document received
<u> </u>	Comment Period: 7/2/2020 - 8/1/2020 Public Hearing: N/A			
Transportation RVC200728-03 Hamner Avenue Widening Project	The project consists of widening of a 0.63-mile segment of Hamner Avenue from four lanes to six lanes. The project is located between Citrus Street and Mississippi Drive.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Norco	Document reviewed - No comments sent for this document received
	Comment Period: 7/22/2020 - 8/10/2020 Public Hearing: N/A			
Transportation SBC200701-01 San Sevaine Trail, Segment 2	The project consists of construction of a 1.25-mile trail 12 feet in width. The project is located between the North Heritage Circle and Del Norte Street intersection in the City of Fontana and the Banyan Street and East Etiwanda Creek intersection in the City of Rancho Cucamonga.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Fontana	Document reviewed - No comments sent for this document received
	Comment Period: 6/30/2020 - 7/30/2020 Public Hearing: 7/30/2020			
Transportation SBC200716-03 Interstate 10 Eastbound Truck Climbing Lane Improvement Project	The project consists of reconfiguration of a three-mile segment of Interstate 10 (I-10) between the I-10 and Live Oak Canyon Road interchange in the City of Yucaipa and the I-10 and County Line Road interchange near the border of San Bernardino County and Riverside County.	Notice of Intent to Adopt a Mitigated Negative Declaration	California Department of Transportation	** Under review, may submit written comments
	Comment Period: 7/3/2020 - 8/10/2020 Public Hearing: 7/15/2020			

July 1, 2020 to July 31, 2020				
SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Institutional (schools, government, etc.) LAC200708-13 Wilson Middle School Multi-Purpose Field Project	The project consists of construction of a multi-purpose sports field and associated paving, lighting, and landscaping on 3.85 acres. The project is located at 1221 Monterey Road on the southwest corner of Glenoaks Boulevard and Verdugo Road. Reference LAC170803-01	Notice of Availability of Draft Environmental Impact Report	City of Glendale	Document reviewed - No comments sent for this document received
	Comment Period: 6/25/2020 - 8/24/2020 Public Hearing: 8/13/2020			
Institutional (schools, government, etc.) LAC200708-26 Palm Crest Elementary School Modernization Project	The project consists of construction of a 23,184-square-foot building and renovation of 18 existing classrooms on 9.15 acres. The project is located on the northwest corner of Palm Drive and Tulip Tree Lane in the City of La Canada Flintridge.	Notice of Intent to Adopt a Mitigated Negative Declaration	La Canada Unified School District	Document reviewed - No comments sent for this document received
	Comment Period: 7/1/2020 - 8/3/2020 Public Hearing: N/A			
Institutional (schools, government, etc.) LAC200714-01 Fire Station No. 9 Replacement Project	The project consists of demolition of an existing fire station and construction of a temporary modular structure on 0.13 acres. The project is located at 3917 Long Beach Boulevard near the northwest corner of Long Beach Boulevard and East Roosevelt Boulevard. Reference LAC191114-01	Notice of Availability of a Draft Environmental Impact Report	City of Long Beach	** Under review, may submit written comments
	Comment Period: 7/10/2020 - 8/24/2020 Public Hearing: N/A			
Institutional (schools, government, etc.) LAC200714-05 Avalon K-12 HVAC, ADA, Contaminated Soil Removal, and New Synthetic Turf Field Project	The project consists of construction of heating, ventilation, and air conditioning, improvements to an existing sports field, and removal of contaminated soil with arsenic, lead, and dioxin on 11.5 acres. The project is located at 200 Falls Canyon Road near the southwest corner of Falls Canyon Road and Avalon Canyon Road in the City of Avalon.	Notice of Intent to Adopt a Mitigated Negative Declaration	Long Beach Unified School District	Document reviewed - No comments sent for this document received
	Comment Period: 7/13/2020 - 8/12/2020 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.

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July 1, 2020 to July 31, 2020				
SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
PROJECT TITLE		DOC.		
Institutional (schools, government, etc.)	The project consists of demolition of an existing building and construction of a 24,360-square-	Negative	City of Los Angeles	
LAC200722-01 ENV-2018-6160: 233-245 N Westmoreland Ave.	foot building with 20 classrooms to accommodate up to 480 students on 53,352 square feet. The project is located on the northeast corner of Madison Avenue and Cosmopolitan Street in the community of Wilshire.	Declaration		review, may submit written comments
	Comment Period: 7/23/2020 - 8/24/2020 Public Hearing: N/A			
Institutional (schools, government, etc.)	The project consists of development of strategies, actions, and programs to accommodate	Notice of	Regents of the	** Under
RVC200708-14 2021 Long Range Development Plan	increases in enrollment capacity from 23,922 students to 35,000 students and 3.7 million square feet of academic buildings with a planning horizon of 2036 on 1,108 acres. The project is located on the southeast corner of Blaine Street and Watkins Drive in the City of Riverside.	Preparation	University of California	review, may submit written comments
	Comment Period: 7/7/2020 - 8/6/2020 Public Hearing: 7/29/2020			
Institutional (schools, government, etc.)	The project consists of demolition of existing school facilities and construction of two	Notice of	Beaumont Unified	** Under review, may
RVC200724-01 Beaumont High School Expansion	buildings totaling 50,000 square feet to accommodate up to 1,344 students on a 34-acre portion of 62 acres. The project is located at 39139 Cherry Valley Boulevard on the northwest corner of Beaumont Avenue and Cherry Valley Boulevard. Reference RVC200617-02	Availability of a Draft Environmental Impact Report	School District	submit written comments
	Comment Period: 7/27/2020 - 9/10/2020 Public Hearing: 9/15/2020			
General Land Use (residential, etc.)	The project consists of construction of a 154,131-square-foot senior living facility with 101 units	Notice of Intent	County of Orange	Document reviewed -
ORC200708-20	and subterranean parking on 3.86 acres. The project is located near the southeast corner of Avenida La Caza and Via Pavo Real.	to Adopt a Mitigated		No
Legacy at Coto	Aveniga La Caza and via Pavo Real.	Negative Declaration		comments sent for this document received
	Comment Period: 6/26/2020 - 7/31/2020 Public Hearing: N/A			

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

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

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SOUTH COAST AOMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE	I ROJECI DESCRII HON	DOC.	LEAD AGENCI	STATUS
Retail LAC200715-01 ENV-2019-7523: 1434-1456 South Robertson Boulevard	The project consists of demolition of 15,698 square feet of existing structures and construction of a hotel with 131 rooms and subterranean parking on 25,867 square feet. The project is located on the southeast corner of Alcott Street and South Robertson Boulevard in the community of Wilshire.	Mitigated Negative Declaration	City of Los Angeles	Document reviewed - No comments sent for this document received
	Comment Period: 7/16/2020 - 8/5/2020 Public Hearing: N/A			
Retail ORC200716-05 Hotel 55 Project	The project consists of demolition of an existing 10,616-square-foot building and construction of a 55,300-square-foot hotel with 125 rooms on 0.68 acres. The project is located at 1730 South Clementine Street on the northwest corner of Interstate 5 and Katella Avenue.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Anaheim	Document reviewed - No comments sent for this document received
	Comment Period: 7/16/2020 - 8/8/2020 Public Hearing: 8/17/2020			
Retail SBC200716-02 Arbor Express Car Wash	The project consists of construction of a 5,865-square-foot car wash facility and a 1,428-square-foot car detailing service facility on 1.36 acres. The project is located on the northwest corner of Arrow Route and Archibald Avenue.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Rancho Cucamonga	Document reviewed - No comments sent for this document received
	Comment Period: 7/8/2020 - 8/12/2020 Public Hearing: 8/12/2020			
Retail SBC200728-06 Alder/Renaissance Project	The project consists of construction of a 7,948-square-foot convenience store, a 2,542-square-foot restaurant, 11 fuel islands with 16 gasoline pumps and four diesel pumps, and 6,476 square feet of fueling canopies on 4.2 acres. The project is located on the southeast corner of Renaissance Parkway and Alder Avenue.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Rialto	** Under review, may submit written comments
	Comment Period: 7/18/2020 - 8/6/2020 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.) LAC200708-04 Plot Plan Review No. 995	The project consists of construction of 133 residential units totaling 203,563 square feet on 5.74 acres. The project is located on the northwest corner of Jillson Street and East Eastern Avenue.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Commerce	Document reviewed - No comments sent for this document received	
	Comment Period: 6/30/2020 - 7/20/2020 Public Hearing: 7/20/2020				
General Land Use (residential, etc.) LAC200708-06 The District NoHo Project	The project consists of construction of 1,527 residential units totaling 1,523,528 square feet, 645,499 square feet of retail uses, and 297,925 square feet of open space on 15.9 acres. The project is located near the southeast corner of Burbank Boulevard and Lankershim Avenue in the community of North Hollywood.	Notice of Preparation	City of Los Angeles	** Under review, may submit written comments	
-	Comment Period: 7/7/2020 - 8/10/2020 Public Hearing: 7/15/2020				
General Land Use (residential, etc.) LAC200708-12 2143 Violet Street	The project consists of demolition of two existing buildings totaling 6,844 square feet, and construction of 302,604 square feet of residential uses with 347 units, 187,374 square feet of office uses, and 21,858 square feet of retail uses with subterranean parking on 2.2 acres. The project is located near the southeast corner of Santa Fe Avenue and Seventh Place in the community of Central City North. Reference LAC180525-02	Draft Environmental Impact Report	City of Los Angeles	Document reviewed - No comments sent for this document received	
	Comment Period: 6/18/2020 - 8/3/2020 Public Hearing: N/A				
General Land Use (residential, etc.) LAC200708-21 Rosecrans Place Project - Revised Site Plan	The project consists of demolition of 175,000 square feet of commercial uses, and construction of 113 residential units totaling 137,800 square feet and 5,050 square feet of retail uses on 5.47 acres. The project is located near the northeast corner of Rosecrans Avenue and Van Ness Avenue.	Mitigated Negative Declaration	City of Gardena	Document reviewed - No comments sent for this document received	
	Comment Period: 7/2/2020 - 7/21/2020 Public Hearing: 8/4/2020				

July 1, 2020 to July 31, 2020				
SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
General Land Use (residential, etc.) LAC200708-23 Seven Patios Mixed Use Residential/Commercial Retail Project	The project consists of construction of 60 residential units and 6,100 square feet of retail uses on 1.61 acres. The project is located near the southwest corner of El Centro Street and Orange Grove Avenue.	Mitigated Negative Delcaration	City of South Pasadena	Document reviewed - No comments sent for this document received
	Comment Period: 6/30/2020 - 7/29/2020 Public Hearing: N/A			
General Land Use (residential, etc.) LAC200716-04 Modelo Project	The project consists of construction of 850 residential units and 165,000 square feet of retail uses with subterranean parking on 17.32 acres. The project is located on the southwest corner of Interstate 5 and Zindell Avenue. Reference LAC190820-01	Notice of Availability of a Draft Environmental Impact Report	City of Commerce	** Under review, may submit written comments
	Comment Period: 7/16/2020 - 8/31/2020 Public Hearing: 8/1/2020			
General Land Use (residential, etc.) LAC200716-06 1688 West Garvey Avenue Residential Project	The project consists of construction of 16 residential units on 6.22 acres. The project is located on the southwest corner of Garvey Avenue and Abajo Drive.	Notice of Preparation	City of Monterey Park	** Under review, may submit written comments
	Comment Period: 7/10/2020 - 8/10/2020 Public Hearing: N/A			
General Land Use (residential, etc.) LAC200728-02 6220 West Yucca Project (ENV-2014-4706)	Staff provided comments on the Draft Environmental Impact Report for the project, which can be accessed at: http://www.aqmd.gov/docs/default-source/ccqa/comment-letters/2020/June/LAC200423-05.pdf. The project consists of demolition of 44 existing residential units, and construction of two buildings totaling 316,948 square feet with 210 residential units, a 136-room hotel, and subterranean parking on 1.16 acres. The project is located on the southeast corner of Yucca Street and Argyle Avenue in the community of Hollywood. Reference LAC200423-05 and LAC151201-04	Final Environmental Impact Report	City of Los Angeles	** Under review, may submit written comments
	Comment Period: N/A Public Hearing: 8/19/2020			

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

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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.) ORC200724-02 Brea Plaza Hotel and Apartments Expansion Project	The project consists of demolition of 25,950 square feet of existing buildings, and construction of a 92,538-square-foot hotel with 150 rooms, 194 residential units totaling 229,855 square feet, and 22,882 square feet of commercial uses on a 3.8-acre portion of 16 acres. The project is located on the northwest corner of East Imperial Highway and South Associated Road.	Notice of Preparation	City of Brea	** Under review, may submit written comments
General Land Use (residential, etc.)	Comment Period: 7/27/2020 - 8/26/2020 Public Hearing: 8/12/2020 The project consists of construction of 236 residential units, a 25,402-square-foot office building,	Site Plan	City of Menifee	South Coast
RVC200707-02 Boulders Mixed Use	Inc project consists or construction of 2.50 residential units, a 25,402-square-root orner building, and an 8,225-square-foot daycare center on 9.92 acres. The project is located on the northeast comer of Berea Road and Normandy Road.	She Plan	City of Menifee	AQMD staff commented on 7/21/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200707-02.pdf Comment Period: 7/2/2020 - 7/21/2020 Public Hearing: 7/21/2020			
Medical Facility	The project consists of demolition of a 75,000-square-foot retail center, and construction of	Draft	City of Wildomar	Document
RVC200708-07 Baxter Village Mixed-Use Project	an 84,000-square-foot medical office and a hotel with 102 rooms on 9.6 acres. The project is located on the northeast corner of Baxter Road and White Street. Reference RVC200423-01, RVC160518-01, and RVC160105-01	Supplemental Environmental Impact Report		reviewed - No comments sent for this document received
	Comment Period: 6/23/2020 - 8/6/2020 Public Hearing: 8/19/2020			
General Land Use (residential, etc.)	The project consists of construction of 88 residential units totaling 210,000 square feet on 14.4	Notice of	City of Murrieta	South Coast AOMD staff
RVC200708-17 Washington/Nutmeg Multifamily Development Project	acres. The project is located on the northeast corner of Washington Avenue and Nutmeg Street. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200708-17.pdf	Preparation		AQMD staff commented on 7/15/2020
	Comment Period: 6/16/2020 - 7/15/2020 Public Hearing: N/A			

SOUTH COAST AOMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
General Land Use (residential, etc.) RVC200708-19 Crestview Apartments Project	The project consists of construction of 237 residential units totaling 253,170 square feet on 9.44 acres. The project is located on the northwest corner of Central Avenue and Sycamore Canyon Boulevard. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200708-19.pdf Comment Period: 6/30/2020 - 7/30/2020 Public Hearing: 7/22/2020	Notice of Preparation	City of Riverside	South Coast AQMD staff commented on 7/23/2020
General Land Use (residential, etc.) RVC200728-05 Porcupine Creek Retreat Specific Plan Project	The project consists of construction of 50 residential units totaling 183,500 square feet and a golf course with 18 holes on 191 acres. The project is located near the southwest comer of Highway 111 and Mirage Road.	Notice of Preparation	City of Rancho Mirage	** Under review, may submit written comments
	Comment Period: 7/27/2020 - 8/27/2020 Public Hearing: N/A			
General Land Use (residential, etc.) SBC200708-01 Reserve at Chino Hills Apartment Complex Final Phase Project	The project consists of construction of 42 residential units on 2.77 acres. The project is located on the southeast corner of Village Drive and Orangewood Drive.	Mitigated Negative Declaration	City of Chino Hills	Document reviewed - No comments sent for this document received
	Comment Period: 6/20/2020 - 7/10/2020 Public Hearing: N/A			
General Land Use (residential, etc.) SBC200708-08 Heatherglen Planned Development	The project consists of construction of 203 residential units on 59.03 acres. The project is located near the southeast comer of Church Street and Greenspot Road. Reference SBC200303-02	Notice of Availability of a Draft Environmental Impact Report	City of Highland	Document reviewed - No comments sent for this document received
	Comment Period: 6/26/2020 - 8/10/2020 Public Hearing: N/A			

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SOUTH COAST AOMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Plans and Regulations LAC200708-18 The Metropolitan Water District of Southern California Climate Action Plan	The project consists of assessment of historic greenhouse gas (GHG) emissions and development of strategies and programs to guide GHG emissions reductions with a planning horizon of 2045. The project encompasses 5,200 square miles of service area and includes counties of Los Angeles, Orange, Riverside, San Bernardino, San Diego, and Ventura.	Notice of Preparation	Metropolitan Water District of Southern California	South Coast AQMD staff commented on 7/21/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200708-18.pdf Comment Period: 6/23/2020 • 7/22/2020 Public Hearing: 7/15/2020			
Plans and Regulations SBC200714-04 Montclair Place District Specific Plan Project	The project consists of development of design guidelines and standards to guide future residential, commercial, and retail projects with a planning horizon of 2040 on 104.35 acres. The project is located southeast corner of Moreno Street and Central Avenue. Reference SBC190521-10	Notice of Availability of a Draft Environmental Impact Report	City of Montclair	** Under review, may submit written comments
	Comment Period: 7/10/2020 - 8/24/2020 Public Hearing: 8/10/2020			

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

** Disposition may change prior to Governing Board Meeting
Documents received by the CEQA Intergovernmental Review program but not requiring review are not included in this report.

A-15

${\bf ATTACHMENT~B^*}\\ {\bf ONGOING~ACTIVE~PROJECTS~FOR~WHICH~SOUTH~COAST~AQMD~HAS}\\ {\bf OR~IS~CONTINUING~TO~CONDUCT~A~CEQA~REVIEW}$

SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE		DOC.		STATUS
Transportation LAC200526-01 California High-Speed Rail Project: Burbank to Los Angeles Section	The proposed project consists of construction of a 14-mile rail track for freight and passenger services between Hollywood Burbank Airport in the City of Burbank and Los Angeles Union Station in the City of Los Angeles. Reference LAC140729-04	Notice of Availability of a Draft Environmental Impact Report/ Draft Environmental Impact Statement	California High- Speed Rail Authority	**Under review, may submit written comments
	Comment Period: 5/29/2020 - 8/31/2020 Public Hearing: 7/8/2020			
Plans and Regulations LAC200616-01 Green Zones Ordinance	The proposed project consists of development of a countywide zoning requirement, design standards, and strategies to enhance public health and land use compatibility. The project also establishes green zone districts in communities of Avocado Heights, East Los Angeles, East Rancho Dominguez, Florence-Firestone, South San Jose Hills, Walnut Park, West Athens-Westmont, West Carson, West Rancho Dominguez-Victoria, Whittier-Los Nietos, and Willowbrook within Los Angeles County. Comment Period: 6/16/2020 - 8/24/2020 Public Hearing: 7/13/2020	Notice of Preparation	County of Los Angeles	**Under review, may submit written comments
Warehouse & Distribution Centers LAC200623-09 Plot Plan Review: 5200 Sheila Street Project	The proposed project consists of demolition of 112,953 square feet of existing structures and construction of a 114,898-square-foot warehouse on 5.65 acres. The project is located at 5200 Sheila Street near the southeast corner of Ralph Lieberman Avenue and Sheila Street.	Notice of Preparation	City of Commerce	South Coast AQMD staff commented on 7/16/2020
Troject	http://www.aqmd.gov/docs/default-source/cega/comment-letters/2020/July/LAC200623-09.pdf Comment Period: 6/12/2020 - 7/14/2020 Public Hearing: 6/24/2020			
Warehouse & Distribution Centers LAC200626-02 Panattoni Project	The proposed project consists of construction of a 292,400-square-foot warehouse on 14.3 acres. The project is located on the southwest corner of East 223rd Street and Tesoro Campus Drive.	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Carson	South Coast AQMD staff commented on 7/16/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200626-02.pdf Comment Period: 6/18/2020 - 7/17/2020 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

ATTACHMENT B ONGOING ACTIVE PROJECTS FOR WHICH SOUTH COAST AQMD HAS OR IS CONTINUING TO CONDUCT A CEQA REVIEW

SOUTH COAST AOMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF	LEAD AGENCY	COMMENT
PROJECT TITLE	TROUGHT DESCRIPTION	DOC.	EE ID HOEHO	STATUS
Warehouse & Distribution Centers	The proposed project consists of demolition of existing structures and construction of a logistics	Notice of	City of Cypress	South Coast
ORC200611-30 Amazon Distribution Center	facility on 22.9 acres. The project is located on the southwest corner of Katella Avenue and Holder Street.	Preparation		AQMD staff commented on 7/1/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/ORC200611-30.pdF			
	Comment Period: 6/5/2020 - 7/6/2020 Public Hearing: 6/18/2020			
Warehouse & Distribution Centers	The proposed project consists of construction of a 699,630-square-foot warehouse on 31.55 acres.	Draft	County of Riverside	South Coast AQMD staff
RVC200611-28 Barker Logistics, LLC Project	The project is located on the northeast corner of Placentia Avenue and Patterson Street in the community of Mead Valley. Reference RVC190924-01	Environmental Impact Report		commented on 7/22/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200611-28.pdf			
	Comment Period: 6/10/2020 - 7/24/2020 Public Hearing: N/A			
Warehouse & Distribution Centers SBC200522-01 Majestic Chino Heritage Project	The proposed project consists of construction of two warehouses totaling 2,082,750 square feet on 96.9 acres. The project is located on the southwest corner of Mountain Avenue and Bickmore Avenue. Reference SBC190322-09	Notice of Availability of a Draft Environmental Impact Report	City of Chino	South Coast AQMD staff commented on 7/7/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/SBC200522-01.pdf			
	Comment Period: 5/22/2020 - 7/7/2020 Public Hearing: N/A			
Warehouse & Distribution Centers SBC200623-06 Design Review Application No. 19-008	The proposed project consists of construction of a 19,600-square-foot warehouse on 1.48 acres. The project is located at 27002 Meines Street on the northwest corner of Meines Street and Palm Avenue. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/SBC200623-06.pdf	Site Plan	City of Highland	South Coast AQMD staff commented on 7/1/2020
	Comment Period: 6/23/2020 - 7/7/2020 Public Hearing: N/A			
Industrial and Commercial	The proposed project consists of demolition of 104,469 square feet of existing buildings and	Notice of	City of Santa	South Coast
LAC200506-03 1633 26th Street Office Project	construction of 129,265 square feet of office uses on 2.01 acres. The project is located on the southeast corner of Colorado Avenue and 26th Street.	Preparation	Monica	AQMD staff commented on 7/1/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200506-03.pdf			
	Comment Period: 5/6/2020 - 7/5/2020 Public Hearing: 5/19/2020			

^{# -} Project has potential environmental justice concerns due to the nature and/or location of the project.
** Disposition may change prior to Governing Board Meeting

B-2

ATTACHMENT B ONGOING ACTIVE PROJECTS FOR WHICH SOUTH COAST AQMD HAS OR IS CONTINUING TO CONDUCT A CEQA REVIEW

	OR IS CONTINUING TO CONDUCT A CEQA REVIEW		T	
SOUTH COAST AQMD LOG-IN NUMBER	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
PROJECT TITLE		DOC.		STATUS
Industrial and Commercial LAC200521-02 Sunset Gower Studios Enhancement Plar	in the community of Hollywood. Reference LACI 80227-04 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200521-02.pdf		City of Los Angeles	South Coast AQMD staff commented on 7/1/2020
	Comment Period: 5/21/2020 - 7/6/2020 Public Hearing: N/A			0.10
Industrial and Commercial LAC200623-07 Paramount Petroleum AltAir Renewable Fuels Project	The proposed project consists of conversion of existing crude oil refinery to a renewable fuels production facility, installation of pre-treatment, processing, and recovery units, and construct of rail loading and unloading racks and pipelines on 66 acres. The project is located at 14700 Downey Avenue near the northwest corner of Somerset Boulevard and Lakewood Boulevard.		City of Paramount	South Coast AQMD staff commented on 7/7/2020
1	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200623-07.pdf			
	Comment Period: 6/4/2020 - 7/4/2020 Public Hearing: N/A			
Waste and Water-related LAC200623-01 Arroyo Seco Canyon Project Areas 2 and 3	The proposed project consists of demolition of an existing water diversion and intake structure construction of an intake system with a flow rate of 25 cubic feet per second, and improvement to existing spreading basins for infiltration. The project is located on the southwest corner of Explorer Road and North Arroyo Boulevard. Reference LAC191105-01 and LAC141009-06		City of Pasadena	South Coast AQMD staff commented on 7/31/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200623-01.pdf			
	Comment Period: 6/15/2020 - 7/31/2020 Public Hearing: N/A			
Waste and Water-related LAC200623-08 DeMenno-Kerdoon	The proposed project consists of modifications to an existing hazardous waste facility permit to approve acceptance and mixing of recycled and exempt oil with used oil for storage and treatm and to change operation and management standards. The project is located at 2000 North Alameda Street on the southeast corner of East Pine Street and North Alameda Street in the C of Compton.	nent Modification	Department of Toxic Substances Control	South Coast AQMD staff commented on 7/7/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200623-08.pdf			
	Comment Period: N/A Public Hearing: N/A			
Waste and Water-related ORC200623-02 West Lincoln Assemblage	The proposed project consists of development of cleanup actions to remove soil contaminated with chlorinated solvents, installation of a vapor intrusion mitigation system, and a land use covenant to require monitoring and soil management for future development on 7.17 acres. The project is located at 1699 West Lincoln Avenue on the northeast corner of West Lincoln Avenuand Euclid Street in the City of Anaheim.	Action Workplan	Department of Toxic Substances Control	South Coast AQMD staff commented on 7/1/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/ORC200623-02.pdf			
	Comment Period: 6/16/2020 - 7/17/2020 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

ATTACHMENT B ONGOING ACTIVE PROJECTS FOR WHICH SOUTH COAST AQMD HAS OR IS CONTINUING TO CONDUCT A CEQA REVIEW

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SOUTH COAST AQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
PROJECT TITLE Transportation LAC200604-01 I-105 Express Lanes Project Institutional (schools, government, etc.) RVC200617-02	The proposed project consists of conversion of existing 17.6 miles of high occupancy vehicle lane to express toll lanes and construction of roadway improvements along Interstate 105 (I-105) between the interchange of I-105 and Interstate 405 in the City of Los Angeles and the interchange of I-105 and Studebaker Road in the City of Norwalk. The project traverses through cities of El Segundo, Inglewood, Hawthorne, Los Angeles, Lynwood, South Gate, Paramount, Downey, and Norwalk and unincorporated areas of Los Angeles County. http://www.aqnd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200604-01.pdf Comment Period: 5/22/2020 - 7/6/2020 Public Hearing: 7/15/2020 The proposed project consists of demolition of existing school facilities and construction of two buildings totaling 50,000 square feet to accommodate up to 1,344 students on a 34-acre portion of 62 acres. The project is located at 39139 Cherry Valley Boulevard on the northwest corner of	Notice of Availability of a Draft Environmental Impact Report/ Environmental Assessment	California Department of Transportation Beaumont Unified School District	South Coast AQMD staff commented on 7/6/2020 South Coast AQMD staff commented
Beaumont High School Expansion Retail RVC200611-20 Oak Valley Parkway and Interstate 10 Commercial Development Project	Beaumont Avenue and Cherry Valley Boulevard. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200617-02.pdf Comment Period: 6/19/2020 - 7/20/2020 Public Hearing: N/A The proposed project consists of construction of a 3,800-square-foot convenience store, a 1,500-square-foot are wash facility, a 4,000-square-foot restaurant, and a gasoline service station with 18 pumps on 3.03 acres. The project is located on the southwest corner of Oak Valley Parkway and Interstate 10. Reference RVC200514-01, RVC200402-02, and RVC200124-03 http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200611-20.pdf	Notice of Intent to Adopt a Mitigated Negative Declaration	City of Beaumont	on 7/20/2020 South Coast AQMD staff commented on 7/9/2020
Retail RVC200626-01 Costco/Vineyard II Retail Development	Comment Period: 6/9/2020 - 7/9/2020 Public Hearing: 7/14/2020 The proposed project consists of construction of a 153,362-square-foot warehouse, 16,000 square feet of retail uses, 3,600 square feet of restaurant uses, a 37,000-square-foot fitness center, and a gasoline service station with 32 pumps on 16.4 acres. The project is located on the northeast corner of Clinton Keith Road and Antelope Road. Reference RVC180628-03	Notice of Availability of a Draft Environmental Impact Report	City of Murrieta	South Coast AQMD staff commented on 7/2/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200626-01.pdf Comment Period: 5/20/2020 - 7/6/2020 Public Hearing: N/A	g: pt	G: AI	0.40.4
General Land Use (residential, etc.) RVC200617-03 PAR1314	The proposed project consists of construction of 78 residential units on a 15.8-acre portion of 130.8 acres and 114.3 acres of open space. The project is located on the northeast corner of Sierra Avenue and Karen Lane.	Site Plan	City of Jurupa Valley	South Coast AQMD staff commented on 7/1/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200617-03.pdf Comment Period: 6/17/2020 - 7/6/2020 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

B-4

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.)	The proposed project consists of subdivision of 6.92 acres for future development of 49	Site Plan	City of Jurupa	South Coast
RVC200625-01 MA20086	residential units. The project is located at 7586 Jurupa Road on the southeast corner of Jurupa Road and Kirby Road.		Valley	AQMD staff commented on 7/1/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200625-01.pdf Comment Period: 6/25/2020 - 7/9/2020 Public Hearing: N/A			
Plans and Regulations	The proposed project consists of updates to the City General Plan Housing Element and	Initial Project	City of Covina	South Coast
LAC200611-14 Covina 2014-2021 Housing Element	assessment of housing needs, resources, and development constraints. The project encompasses 7.04 square miles and is bounded by unincorporated areas of Los Angeles County to the north and east, Interstate 10 to the south, and cities of Irwindale and West Covina to the west.	Consultation		AQMD staff commented on 7/21/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/LAC200611-14.pdf			
	Comment Period: 6/2/2020 - 7/24/2020 Public Hearing: N/A			
Plans and Regulations	The proposed project consists of development of land use policies, development standards, and	Notice of	City of Rancho	South Coast AQMD staff
RVC200611-26 Highway 111 Specific Plan	design guidelines with a planning horizon of 2040 on 684 acres. The project is located along State Route 111 between East Palm Canyon Drive and Country Club Drive.	Preparation	Mirage	commented on 7/1/2020
	http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2020/July/RVC200611-26.pdf			
	Comment Period: 6/8/2020 - 7/7/2020 Public Hearing: 6/17/2020			

^{# -} 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 C ACTIVE SOUTH COAST AQMD LEAD AGENCY PROJECTS THROUGH JULY 31, 2020

PROJECT DESCRIPTION	PROPONENT	TYPE OF DOCUMENT	STATUS	CONSULTANT
Quemetco is proposing to modify existing South Coast AQMD permits to allow the facility to recycle more batteries and to eliminate the existing daily idle time of the furnaces. The proposed project will increase the rotary feed drying furnace feed rate limit from 600 to 750 tons per day and increase the amount of total coke material allowed to be processed. In addition, the project will allow the use of petroleum coke in lieu of or in addition to calcined coke, and remove one existing emergency diesel-fueled internal combustion engine (ICE) and install two new emergency natural gas-fueled ICEs.	Quemetco	Environmental Impact Report (EIR)	A Notice of Preparation/Initial Study (NOP/IS) was released for a 56-day public review and comment period from August 31, 2018 to October 25, 2018, and 154 comment letters were received. Two CEQA scoping meetings were held on September 13, 2018 and October 11, 2018 in the community. South Coast AQMD staff received a preliminary Draft EIR on December 20, 2019 which is undergoing review.	Trinity Consultants



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 25

REPORT: Stationary Source Committee

SYNOPSIS: The Stationary Source Committee held a meeting remotely on

Friday, August 21, 2020. The following is a summary of the

meeting.

RECOMMENDED ACTION:

Receive and file.

Ben Benoit, Chair Stationary Source Committee

AD:cr

Committee Members

Present: Council Member Ben Benoit (Chair)

Senator Vanessa Delgado (Ret)
Board Member Gideon Kracov
Council Member Judith Mitchell
Supervisor V. Manuel Perez
Supervisor Janice Rutherford

Call to Order

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

INFORMATIONAL ITEMS:

1. Summary of Proposed Amended Rule 1111 – Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces

Michael Krause, Planning and Rules Manager, presented updates to Proposed Amended Rule (PAR) 1111 and addressed specific issues raised by Board Members during the June Stationary Source Committee meeting including extension of compliance dates, potential sell-through provision, use of non-compliant furnaces in a dual fuel configuration, and incentives for early deployment of compliant units.

Supervisor Rutherford and Council Member Mitchell expressed support for staff's recommendations and requested staff to report back with status updates next year. Council Member Mitchell also asked about staff's predictions on the expected duration of the proposed rebate funding. Ms. Susan Nakamura, Assistant Deputy Executive Officer/Planning, Rule Development and Area Sources, stated that staff expects the funding to be exhausted similar to the previous furnace rebate program that ended in April 2020.

Dave Winningham, Lennox, expressed support for the staff proposal and highlighted that Lennox currently offers a full portfolio of compliant 14 ng/J furnaces that are high efficiency and compatible in dual fuel configurations.

Jeff Small and Bruce Fuhrman, US Air Conditioning, and Chris Forth and Dr. David Stephens, Johnson Controls, also supported the staff recommendations, but requested a 60-day sell-through period for weatherized furnaces beyond the one-year extension of the compliance date as well as increasing furnace rebate amounts Mr. Forth and Dr. Stephens additionally requested allowing installation of dual fuel systems with 40 ng/J for entire South Coast AQMD.

Representatives from Johnson Controls, Cody Novini and Mark Ramirez, HVAC contractors, and Tom Kennedy and Kelly Lindenmoyer, Trane Technologies, requested approval to operate dual fuel systems with non-compliant 40 ng/J furnaces throughout the Basin.

Jeff Winter, Howard Industries, noted the emission benefit from the operation of dual fuel systems and electric heat pumps.

Miguel, HVAC contractor, was concerned about the longevity of the new compliant 14 ng/J furnaces.

Nelson Dichter (UC Davis), acknowledged during certain extreme weather conditions a 14 ng/J standalone furnace could be lower emitting than a dual fuel system with 14 ng/J furnace. Mr. Dichter also requested clarification on the differences between a concentration limit and a mass emissions regulatory program. Mr. Krause and Ms. Nakamura clarified that PAR 1111 establishes a NOx limit on the furnace and does not regulate the use of the unit. A mass emission approach would establish a NOx emission limit and the use of the unit. Unlike industrial permitted sources, equipment regulated under PAR 1111 are consumer products and the usage of the furnace is not regulated.

Senator Delgado and Council Member Mitchell asked about the difference between extending the mitigation fee alternate compliance option and providing a sell-through period. Dr. Phillip Fine, Deputy Executive Officer/Planning, Rule Development and Area Sources, clarified that the original proposal was to end the

mitigation fee option on March 30, 2021, but the recommendation is to extend the date to September 30, 2021 to provide additional time for furnace manufacturers to develop compliant furnaces and manage associated supply chains. This approach does not require additional recordkeeping that a traditional sell-through provision would require. Senator Delgado commented that staff's approach to the sell-through is efficient and she can support staff's recommendation.

Senator Delgado requested consideration of increasing the per unit rebate amounts for dual fuel systems with a 14 ng/J furnace and heat pumps. Executive Officer Wayne Nastri responded that there needs to be a balance between providing more incentive to each unit purchase and issuing more rebates that result in more emission reductions.

Senator Delgado and Council Member Benoit asked staff to explore potential pathways allowing dual fuel systems with non-compliant 40 ng/J furnaces at least for a period of time, and report back at the September 2020 public hearing.

2. 2019 Annual Report on AB 2588 Program

Due to time constraints, this item was deferred to the next Stationary Source Committee meeting.

3. Summary of Proposed Rule 1179.1 – NOx Emission Reductions from Combustion Equipment at Publicly Owned Treatment Works Facilities Michael Morris, Planning and Rules Manager, provided a summary of Proposed Rule (PR) 1179.1.

Mr. David Rothbart and Mr. Steve Jepsen, Southern California Alliance of Publicly Owned Treatment Works (SCAP), expressed appreciation for staff's efforts to work with stakeholders. They do not see any significant problems with the proposed rule language or rule schedule.

Leslie Witherspoon, Solar Turbines, appreciates staff's efforts to work with stakeholders. She is currently reviewing rule language, particularly the weighted limit calculation for co-fired natural gas and digester gas turbines and will be consulting with other manufacturers on the NOx concentration limits.

4. RECLAIM Quarterly Report – 8th Update

Due to time constraints, this item was deferred to the next Stationary Source Committee meeting.

5. Status Report on Regulation XIII – New Source Review

Due to time constraints, this item will go to the Board with no committee review.

WRITTEN REPORT:

6. Notice of Violation Penalty Summary

The report was acknowledged by the Committee.

OTHER MATTERS:

7. Other Business

There was no other business.

8. Public Comment Period

There were no public comments.

9. Next Meeting Date

The next regular Stationary Source Committee meeting is scheduled for Friday, September 18, 2020.

Adjournment

The meeting was adjourned at 12:00 p.m.

Attachments

- 1. Attendance Record
- 2. Draft Notice of Violation Penalty Summary

ATTACHMENT 1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT STATIONARY SOURCE COMMITTEE

Attendance – August 21, 2020

Council Member Ben Benoit	South Coast AQMD Governing Board
Senator Vanessa Delgado (Ret.)	South Coast AQMD Governing Board
Board Member Gideon Kracov	South Coast AQMD Governing Board
Council Member Judith Mitchell	South Coast AQMD Governing Board
Supervisor V. Manuel Perez	South Coast AQMD Governing Board
Supervisor Janice Rutherford	South Coast AQMD Governing Board
Tom Gross	Board Consultant (Benoit)
Fred Minassian	Board Consultant (Mitchell)
Marisa Perez	Board Consultant (Mitchell)
Andy Silva	Board Consultant (Rutherford)
Mark Taylor	Board Consultant (Rutherford)
Ross Zelen	Board Consultant (Gideon)
Howard Berman	E4 Strategic Solutions
Curtis Coleman	Southern California Air Quality Alliance
Nelson Dichter	UC Davis
Kris Flaig	Los Angeles County Sanitation Districts
Chris Forth	Johnson Controls
Bruce Fuhrmann	US Air Conditioning
Stephen Jepsen	SCAP
Tom Kennedy	Trane Technologies
Bill Lamarr	California Small Business Alliance
Kellie Lindenmoyer	Trane Technologies
Dan McGivney	Southern California Gas Co
Doug McLeish	Johnson Controls
Cody Novini	HVAC contractor
Mark Ramirez	HVAC contractor
David Rothbart	SCAP
Patty Senecal	Western States Petroleum Association
Jeff Small	US Air Conditioning
David Stephens	Johnson Controls
Dave Winningham	Lennox
Jeff Winter	Howard Industries
Leslie Witherspoon	Solar Turbines
Peter Whittingham	Whittingham Public Affairs Advisors

ATTACHMENT 1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT STATIONARY SOURCE COMMITTEE Attendance –August 21, 2020

Jason AspellSouth Co	ast AQMD staff
Barbara Baird South Co	ast AQMD staff
Naveen BerrySouth Co	ast AQMD staff
Amir DejbakhshSouth Co	ast AQMD staff
Philip Fine	ast AQMD staff
Bayron Gilchrist South Co	ast AQMD staff
Tracy Goss	ast AQMD staff
Sheri HanizavarehSouth Co	ast AQMD staff
Mark HenningerSouth Co	ast AQMD staff
Michael KrauseSouth Co	ast AQMD staff
Terrence MannSouth Co	ast AQMD staff
Matt MiyasatoSouth Co	ast AQMD staff
Michael Morris South Co	ast AQMD staff
Ron Moskowitz South Co	ast AQMD staff
Susan Nakamura South Co	ast AQMD staff
Wayne Nastri	ast AQMD staff
David Ono	ast AQMD staff
Sarah Rees	ast AQMD staff
Jill Whynot	ast AQMD staff
William Wong South Co	ast AQMD staff
Paul Wright	ast AQMD staff
Victor YipSouth Co	ast AOMD staff

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

Settlement Penalties Report (06/01/2020 - 06/30/2020)

Total Penalties

Civil Settlement: \$48,500.00

Criminal Settlement: \$8,451.51

Hearing Board Settlement: \$10,000.00

MSPAP Settlement: \$12,000.00

Total Cash Settlements: \$78,951.51

Fiscal Year through 06/30/2020 Cash Total: \$12,314,045.87

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
50098	D&D DISPOSAL INC,WEST COAST RENDERING CO	415, 2004, 2012, H&S 42401	06/19/2020	DH	P66165, P67311, P67314, P67320, P72858	\$23,000.00
45938	E.M.E. INC/ELECTRO MACHINE & ENGINEERING	201, 1469.1, 3002	06/18/2020	NS	P33597, P66002, P66008	\$25,000.00
174540	PELLISSIER SHELL	461	06/19/2020	KER	P68158, P68161	\$500.00
Total Civil	Settlements : \$48,500.00					
Criminal						
184421	ANCHOR PROJECT SERVICES, LLC	1403	06/24/2020	GV	P65410	\$8,451.51
Total Crim	inal Settlements : \$8,451.51					

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Hearing Board						
10966	WEBER METALS INC	1430	08/27/2019	DH	6136-1	\$10,000.00
Total Hearing Board Settlements : \$10,000.00						
MSPAP						
149443	CTS CEMENT MANUFACTURING CORP.	203(a), 13 CCR 2460	06/24/2020	GC	P68901	\$1,600.00
188807	CURCIO ENTERPRISES INC.	201, 203(a)	06/25/2020	GC	P66792	\$1,000.00
159798	ECOLOGY AUTO PARTS, INC.	13 CCR 2460	06/24/2020	GC	P69001	\$800.00
122549	G & M OIL CO, LLC #93	201, 203, 461, H&S 41960.2	06/24/2020	GC	P67218, P69616	\$1,600.00
127037	GIULIANOS' SPECIALTY FOODS	1146.2	06/24/2020	GC	P63887	\$1,200.00
176408	GOLDEN STATE ENTERPRISES, LLC	461	06/24/2020	GC	P68134	\$300.00
189469	J & P OIL COMPANY INC	461, H&S 41960.2	06/24/2020	GC	P68133	\$600.00
127975	MECCA TRAVEL CENTER	203(a), 461	06/10/2020	TCF	P66389	\$900.00
33572	ORANGE UNI SCH DIST	461(c)(3)(Q)	06/24/2020	TCF	P68761	\$300.00
188266	PACIFIC ELITE COLLISION CENTERS SANTA AN	203(b)	06/25/2020	TCF	P68561	\$800.00
188791	QUALITY COLLISION CENTER	1171(c)(1)	06/24/2020	TCF	P69351	\$500.00
171563	TESORO (USA) 63273	461, H&S 41960.2	06/24/2020	TCF	P69005	\$1,600.00
171712	TESORO 63022	461, H&S 41960.2	06/24/2020	TCF	P69014	\$800.00
Total MSPAP Settlements : \$12,000.00						

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

Settlement Penalties Report (07/01/2020 - 07/31/2020)

Total Penalties

Civil Settlement: \$1,955,817.00

Hearing Board Settlement: \$50,000.00

MSPAP Settlement: \$29,890.00

Total Cash Settlements: \$2,035,707.00

Fiscal Year through 07/31/2020 Cash Total: \$2,035,707.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
21665	A & A READY MIXED CONCRETE INC	403, 1403	07/17/2020	NS	P65888, P65889, P65919, P65920, P69518, P69521, P69525, P69526, P69527, P69578	\$5,000.00
115394	AES ALAMITOS, LLC	401(b)(1), 402, 3002(c)(1), H&S 41700, H&S 41701	07/30/2020	KCM	P67928, P67929	\$10,000.00
115389	AES HUNTINGTON BEACH, LLC	401, 402, 3002, H&S 41700, H&S 41701	07/30/2020	KCM	P67930, P69259	\$10,000.00
177658	BURNS ENVIRONMENTAL SERVICES	1403	07/30/2020	ВТ	P65924, P65928, P65933, P65937, P65941, P65942, P69422, P69429, P69446	\$30,000.00
800181	CALIFORNIA PORTLAND CEMENT CO	2004, 3002	7/16/2020	ВТ	P63805	\$20,500.00
162526	FLINTRIDGE TREE CARE	203(a)	07/08/2020	KER	P44878, P44880, P57560	\$20,000.00
160208	LONG BEACH ARCO, JAY GANESH PETRO, INC	461, H&S 41960.2	07/30/2020	DH	P67658, P67666	\$7,500.00
188012	MOOREFIELD CONSTRUCTION INC	403(d)(2)	07/30/2020	ТВ	P66772, P66780	\$1,500.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
136913	MORRELL'S ELECTRO PLATING, INC	201, 203, 1469.1	07/17/2020	NSF	P33598, P63559, P66003, P66004, P66017	\$25,000.00
172288	NIELSEN CONSTRUCTION GROUP, INC	203, 1403	07/02/2020	ВТ	P65930	\$3,900.00
158075	NORTH AMERICAN POLYMER COMPANY LTD.	314	7/17/2020	SP	P64816	\$20,000.00
156902	PROVIDENCE TARZANA MEDICAL CENTER	203(b)	7/8/2020	TB	P66795	\$22,000.00
157676	THE SHERWIN-WILLIAMS COMPANY	1113, 1143, 1168	07/30/2020	WW	P55313, P61803, P64805, P64808	\$1,765,417.00
187358	UNION PACIFIC RAILROAD	1466	07/30/2020	ТВ	P64576, P64577, P64578	\$15,000.00
Total Civi	Settlements : \$1,955,817.00					
Hearing B	oard					
104234	SCAQMD v. Mission Foods	202, 203(b), 1153.1, 1303	07/17/2020	KCM	5400-4	\$50,000.00
Total Hea	ring Board Settlements : \$50,000.00					
MSPAP						
	ACOLIDA LIILLO ALTANICE INC	203	07/22/2020	GC	P64942	\$552.00
175360	AGOURA HILLS ALIANCE, INC.	203	07/22/2020	GC	P04942	\$552.00
188796	ALEX FRESNARES	1403	07/22/2020	GC	P66474	\$600.00
167625	ALTAMED HEALTH SVCS CORP	203(b)	07/02/2020	GC	P68065	\$800.00
158014	ARTESIA 5220, INC.	461	07/22/2020	GC	P68423	\$300.00
154539	BLVD 5 INC	461, H&S 41960	07/22/2020	GC	P68410	\$1,658.00
112427	CARTEL ELECTRONICS INC	203	07/22/2020	GC	P65192	\$2,400.00
151160	COLLARS & CUFFS CLEANERS, HONG GOO KIM	1146.2	07/02/2020	GC	P65191	\$800.00
158390	H&S ENERGY, LLC. H&S 21	461, H&S 41960.2	07/28/2020	GC	P68164	\$1,200.00
170032	H&S ENERGY, LLC. H&S 27	461	07/28/2020	GC	P68116	\$600.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
125366	H&S ENERGY, LLC. H&S 7	461(E)(2)(A)	07/28/2020	GC	P67685	\$180.00
180385	HYBRID 911	1151, 1171	07/23/2020	GC	P64097	\$960.00
180258	INLAND EMPIRE SATELLITE REGIONAL REFEREN	203(b), 1146.1	07/23/2020	GC	P65388	\$4,000.00
186295	MAIN STREET PETROLEUM	203(a)	07/09/2020	TCF	P67699	\$800.00
2619	MARTIN LUTHER KING JR MEDICAL CAMPUS	3002(c)(1)	07/09/2020	TCF	P65278	\$500.00
183123	MAS CONSTRUCTION GROUP INC	403	07/08/2020	TCF	P69574	\$3,200.00
176952	MERCEDES_BENZ WEST COAST CAMPUS	S 461	07/23/2020	TCF	P66924	\$300.00
149935	MJM VALLEJO MINI MARKET, INC.	461, H&S 41960.2	07/23/2020	TCF	P69622	\$800.00
180076	MY GOODS MARKET #5614	461	07/23/2020	TCF	P69039	\$800.00
144380	PENSKE TRUCK LEASING	461	07/09/2020	TCF	P68757	\$500.00
165000	PILOT TRAVEL CENTERS LLC	461(c)(3)(Q)	07/09/2020	TCF	P66399	\$300.00
141231	PRO_MART, INC	203	07/02/2020	TCF	P70204, P70211	\$3,400.00
127432	RANCHO CLEANERS, M & M ANGEL, DBA	1421	07/10/2020	TCF	P68707	\$250.00
181181	RESEDA RANCH SERVICE STATION	203(b), 461	07/10/2020	TCF	P67231	\$800.00
151544	SUPERPRINT LITHOGRAPHICS INC	201, 203(a)	07/10/2020	TCF	P70251	\$1,000.00
167870	THE IRVINE COMPANY LLC	203(b)	07/08/2020	GC	P68554	\$850.00
138401	VENICE ARCO - MAYA EL-KHOURY	461	07/10/2020	GC	P68414	\$850.00
107668	WEBB'S CHEVRON/WEBB'S AUTO & TRUCK SERVI	461, H&S 41960.2	07/10/2020	GC	P67682	\$690.00
8443	WORLD OIL MARKETING CO #13	461, H&S 41960	07/10/2020	TCF	P68436	\$800.00

Total MSPAP Settlements: \$29,890.00

SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX FOR JUNE AND JULY 2020 PENALTY REPORTS

REGULATION II - PERMITS

Rule 201 Permit to Construct

Rule 202 Temporary Permit to Operate

Rule 203 Permit to Operate

REGULATION III - FEES

Rule 314 Fees for Architectural Coatings

REGULATION IV - PROHIBITIONS

Rule 401 Visible Emissions

Rule 402 Nuisance Rule 403 Fugitive Dust

Rule 415 Odors from Rendering Facilities
Rule 461 Gasoline Transfer and Dispensing

REGULATION XI - SOURCE SPECIFIC STANDARDS

Rule 1113 Architectural Coatings

Rule 1143 Consumer Paint Thinners & Multi-Purpose Solvents

Rule 1146.1 Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators,

and Process Heaters

Rule 1146.2 Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers
Rule 1151 Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations

Rule 1153.1 Emissions of Oxides of Nitrogen from Commercial Food Ovens

Rule 1168 Adhesive and Sealant Applications

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 1430 Control of Emissions from Metal Grinding Operations at Metal Forging Facilities

Rule 1466 Control of Particulate Emissions From Soils With Toxic Air Contaminants

Rule 1469.1. Spraying Operations Using Coatings Containing Chromium

REGULATION XX - REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

Rule 2004 RECLAIM Program Requirements

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

REGULATION XXX - TITLE V PERMITS

Rule 3002 Requirements for Title V Permits

CALIFORNIA CODE OF REGULATIONS

13 CCR 2460 Portable Equipment Testing Requirements

CALIFORNIA HEALTH AND SAFETY CODE

41700 Violation of General Limitations41701 Violation of General Limitations

41960 Certification of Gasoline Vapor Recovery System

41960.2 Gasoline Vapor Recovery

42401 Violation of Order for Abatement



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 26

REPORT: Technology Committee

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

August 21, 2020. The following is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file.

Joe Buscaino, Chair Technology Committee

MMM:av

Committee Members

Present: Council Member Joe Buscaino/Chair

Supervisor Lisa Bartlett

Board Member Gideon Kracov Council Member Judith Mitchell Council Member Carlos Rodriguez

Absent: None

Call to Order

Chair Buscaino called the meeting to order at 12:01 p.m.

ACTION ITEMS:

1. Adopt Resolution Recognizing Funds for FY 2019-20 Community Air Protection Program Incentives and Reimburse General Fund for Administrative Costs

In June 2020, South Coast AQMD executed a grant agreement (G19-MCAP-03) with CARB to receive FY 2019-20 (Year 3) Community Air Protection Program (CAPP) incentive funds in the amount of \$69,824,849, including 6.25% in administrative funds. This action is to adopt a Resolution recognizing CAPP

revenue up to \$70 million from CARB into the Community Air Protection AB 134 Fund (77). The revenue will be used to support incentive projects that reduce emissions and improve public health in communities with high burdens of cumulative pollutant exposure, consistent with the goals of AB 617, subject to Board approval. Eligible projects include those submitted under the Carl Moyer and Proposition 1B-Goods Movement Programs, projects consistent with Community Air Protection Incentives Guidelines, and other incentive projects and programs included in an approved Community Emissions Reduction Plan. This action is to also reimburse the General Fund for administrative costs incurred implementing the CAPP grant.

Council Member Mitchell commented that she does not have a financial interest or conflict of interest, but is required to identify for the record that she is a Board Member of CARB which is involved in this item.

Moved by Mitchell; seconded by Bartlett; unanimously approved.

Ayes: Bartlett, Buscaino, Kracov, Mitchell, Rodriguez

Noes: None Absent: None

2. Establish Special Revenue Fund, Recognize Funds, Execute Contract for Installation and Maintenance of Air Filtration Systems and Reimburse General Fund for Administrative Costs

In May 2019, the Board recognized \$7,100,000 into the Air Filtration Fund (75) from the Aliso Supplemental Environmental Project (SEP) Fund to install air filtration systems at schools in Environmental Justice communities in Los Angeles County. To facilitate program tracking and auditing, these actions are to establish the Aliso Canyon Air Filtration Special Revenue Fund (84), recognize \$7,100,000 into Fund 84 instead of Fund 75, authorize the Chairman to execute a contract with IQAir North America for installation and maintenance of air filtration systems at schools in an amount not to exceed \$6,745,000 from Fund 84, and reimburse the General Fund for administrative costs up to \$355,000 from Fund 84.

Council Member Buscaino emphasized that the Aliso Canyon gas leak impacted the Porter Ranch community and that he is happy that these funds are moving forward, and air filtration systems will be provided to the impacted community.

Board Member Kracov inquired about the number of schools/air filtration systems that will be provided with Aliso Canyon SEP funding. Staff responded that the funding amount is expected to provide equipment, installation and 5 years of maintenance for 56 schools.

Moved by Rodriguez; seconded by Mitchell; unanimously approved.

Ayes: Bartlett, Buscaino, Kracov, Mitchell, Rodriguez

Noes: None Absent: None

3. Recognize Revenue, Transfer Funds and Approve Budget and Expenditures for California Natural Gas Vehicle Partnership Activities and Projects

The Board established the California Natural Gas Vehicle Partnership (CNGVP) to promote greater deployment of natural gas vehicles in California. These actions are to: 1) recognize revenue up to \$170,000 in membership dues from participating and future members of the CNGVP into the Natural Gas Vehicle Partnership Fund (40); 2) transfer \$25,000 from the Clean Fuels Program Fund (31) into Fund 40 for South Coast AQMD's two-year membership for FYs 2020-21 and 2021-22; 3) approve the FYs 2020-21 and 2021-22 CNGVP Budget; 4) authorize the Executive Officer to approve individual expenditures, as approved by the CNGVP, for FYs 2020-21 and 2021-22 up to \$75,000 but not to exceed \$225,000 for each fiscal year; and 5) approve a two-year contract with Gladstein, Neandross and Associates LLC to develop and implement communication strategies for the CNGVP in an amount not to exceed \$192,000 from Fund 40.

Board Member Kracov inquired about the recent lawsuit filed against CARB's Advanced Clean Truck Rule. Staff clarified that the lawsuit was filed by the California Natural Gas Vehicle Coalition (CNGVC), a different organization than the CNGVP, and South Coast AQMD is not a member of the CNGVC. Board Member Kracov suggested that staff work with the CNGVP to offer a pathway to support CARB.

Moved by Mitchell; seconded by Bartlett; unanimously approved.

Ayes: Bartlett, Buscaino, Kracov, Mitchell, Rodriguez

Noes: None Absent: None

4. Recognize Revenue, Transfer Funds, Amend and Execute Contracts to Demonstrate Class 8 Battery Electric Trucks, Retrofit Ocean-Going Vessel, Deploy Fuel Cell Transit Buses and Reimburse General Fund South Coast AQMD has been awarded up to \$37,821,301 from U.S. EPA. These actions are to recognize revenue from the Clean Air Technology Initiative Program up to \$500,000 into the GHG Reduction Projects Special

Revenue Fund (67), up to \$25,906,601 into Fund 17, and up to \$11,414,700 into the Clean Shipping Technology Demonstration Special Revenue Fund (83); recognize revenue from the San Pedro Bay Ports up to \$300,000 into Fund 83; transfer up to \$2,205,000 from Clean Fuels Program Fund (31) into Fund 17; and transfer up to \$300,000 from the Air Quality Investment Fund (27) into Fund 83. These actions are to also: amend a contract adding up to \$500,000 from Fund 67 and execute contracts for up to \$21,635,681 to demonstrate battery electric trucks and infrastructure and for administrative project implementation from Fund 17; execute an MOU with the San Pedro Bay Ports; execute a contract for up to \$11,474,000 to retrofit an oceangoing vessel from Fund 83; execute a contract for up to \$6,111,601 to deploy fuel cell transit buses from Fund 17; and reimburse the General Fund for administrative costs.

Council Member Mitchell inquired about the cost of the SCR retrofit and if similar technology can be applied to oil tankers. Staff explained that the SCR components and installation costs are estimated to be \$5 million each, but installation costs can vary. The proposed retrofit technology could work for many other MAN 2-stroke engine types, including oil tankers.

Council Member Rodriguez asked about staff's approach to sharing information with the public and media. Staff responded that the typical approach is to demonstrate and prove that the technologies are technically and economically feasible, and then to issue a press release to communicate to the public about these technologies. Staff expects that results from these projects would follow a similar pathway as employed in past demonstration projects. Council Member Rodriguez also inquired about the implementation of fuel cell buses. Staff confirmed that these buses were specifically for Sunline Transit and would only be deployed in the Coachella Valley area, but the South Coast AQMD supported a similar rollout of fuel cell buses and a hydrogen station with the Orange County Transportation Authority.

Ranji George, a member of the public, commented on concerns pertaining to batteries for zero emission technology and their eventual need for recycling.

Council Members Mitchell and Rodriguez and Board Member Kracov asked staff to review the battery recycling issues with CARB and CalEPA, inviting the latter to present an update to the Technology Committee on progress made by their Lithium-ion Car Battery Recycling Advisory Group.

Moved by Kracov; seconded by Bartlett; unanimously approved.

Ayes: Bartlett, Buscaino, Kracov, Mitchell, Rodriguez

Noes: None Absent: None

OTHER MATTERS:

5. Other Business

There was no other business.

6. Public Comment Period

There was no public comment.

7. Next Meeting Date

The next regular Technology Committee meeting is scheduled for Friday, September 18, 2020 at noon.

Adjournment

The meeting adjourned at 12:40 p.m.

Attachment

Attendance Record

ATTACHMENT

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT TECHNOLOGY COMMITTEE MEETING Attendance Record – August 21, 2020

Supervisor Lisa Bartlett	SCAQMD Board Member
Council Member Joe Buscaino	SCAQMD Board Member
Board Member Gideon Kracov	SCAQMD Board Member
Council Member Judith Mitchell	SCAQMD Board Member
Council Member Carlos Rodriguez	SCAQMD Board Member
Č	
James Dinwiddie	Board Consultant (Bartlett)
Jacob Haik	Board Consultant (Buscaino)
Fred Minassian	Board Consultant (Mitchell)
Mark Taylor	Board Consultant (Rutherford)
Ross Zelen	
	,
Mark Abramowitz	Public Member
Vicki Francis	Public Member
Ranji George	Public Member
Jafer Habib	Public Member
Paul Jackson	Public Member
Dan McGivney	SoCalGas
Andy Silva	San Bernardino County
Alek Van Houghton	
· ·	
Maria Allen	SCAQMD Staff
Barbara Baird	SCAQMD Staff
Phil Barroca	SCAQMD Staff
Naveen Berry	SCAQMD Staff
Amir Dejbakhsh	
Marjorie Eaton	
Dana Foist	
Maryam Hajbabaei	SCAQMD Staff
Mark Henninger	SCAQMD Staff
Joseph Impullitti	SCAQMD Staff
Patricia Kwon	
Matt Miyasato	SCAQMD Staff
Ron Moskowitz	SCAQMD Staff
Wayne Nastri	SCAQMD Staff
Penny Shaw Cedillo	
Walter Shen	SCAQMD Staff
Alejandra Vega	SCAQMD Staff
Veera Vyagi	
Mei Wang	
Paul Wright	
Fan Xu	
	-



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 27

REPORT: Mobile Source Air Pollution Reduction Review Committee

SYNOPSIS: The Mobile Source Air Pollution Reduction Review Committee

held a meeting remotely on Thursday, August 20, 2020. The

following is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file.

Ben Benoit South Coast AQMD Representative to MSRC

MMM:NB:CR:psc

Meeting Minutes Approved

The MSRC approved the minutes of the January 16, 2020 meeting. The approved minutes are attached (*Attachment 1*).

FYs 2018-2021 Work Program

Last Mile Program

The Last Mile component of the MSRC's Regional Goods Movement Program focuses on reducing emissions from transportation of goods following departure from distribution centers. SCAG proposed to implement the Last Mile component on behalf of the MSRC. SCAG proposed two phases of implementation but given uncertainties in future revenues due to COVID-19 impacts, only Phase I is to be implemented immediately. This phase focuses on the procurement and commercial deployment of zero emission or near-zero emission heavy- and/or medium-duty on-road trucks with the potential for supporting infrastructure. In consultation with the MSRC-TAC Last Mile Subcommittee and MSRC-TAC, SCAG would develop and obtain MSRC approval of

Program Guidelines. Considerations to be included in the development of the Program Guidelines include a geographic funding minimum of \$1,250,000 for each county within South Coast AQMD jurisdiction, a minimum 1:1 investment match for each project proposal and a \$5,000,000 funding maximum per project. SCAG would next issue a Call for Projects in conformance with the Program Guidelines, review submitted proposals in conjunction with the Last Mile Subcommittee and MSRC-TAC and provide a recommended list of projects for final MSRC approval. SCAG would then oversee project implementation and provide evaluation and reports. The MSRC considered SCAG's proposal and approved a sole-source contract award to SCAG in an amount not to exceed \$10,000,000 to implement the Last Mile Program.

Near-Zero Trade-Down Program

The Market Acceleration Program (MAP) is a South Coast AQMD program to support the early deployment of near-zero emission natural gas trucks. This program was originally designed to offer incentives through two types of transactions: 1) a simple incentive for the purchase of a new near-zero truck with scrappage of an old truck; and 2) a trade-down approach involving two parties and three trucks, which targets the owners of the highest emitting vehicles who often cannot afford to purchase a brand new truck. Previously, the MSRC allocated \$4,000,000 to augment the South Coast AQMD funding to implement the MAP. Subsequently, South Coast AQMD staff recommended bifurcating the two aspects of MAP. Clean Energy will continue to coordinate the simpler vehicle purchase incentive element, and the MAP name will be retained for this aspect. South Coast AQMD will implement a separate Trade-Down Program (TDP) for the three-party transactions. The MSRC considered this modified partnership opportunity and approved reallocation of \$3,000,000 from partnership with South Coast AQMD on implementation of MAP to partnership with South Coast AQMD on implementation of the TDP. \$1,000,000 would remain allocated to MAP.

MSRC Website Hosting and Maintenance

Previously at their June 2020 meeting, the MSRC authorized the development of a draft RFP for the hosting and maintenance of the MSRC website. The MSRC has now considered and approved an RFP to identify and retain a contractor to host and maintain their existing website. The RFP includes an optional bidders' conference on Wednesday, September 23, 2020. Rather than specify a budget in advance, bidders are directed to provide cost proposals for the specified work, with cost being a significant selection criterion. Proposals are due by 5:00 p.m. on Friday, October 9, 2020. It is anticipated that an award will be made on or about December 4, 2020; that award will be part of the FYs 2018-21 AB 2766 Discretionary Fund Work Program.

Major Event Center Transportation Program

The MSRC's 2019-2021 Edition Major Event Center Transportation Program Announcement, which is still open for applications through March 30, 2021, specifies that all events receiving MSRC Clean Transportation Funding under the Program

Announcement must be held no later than December 31, 2021. Due to the unforeseen effects of COVID-19 and the public health safety measures currently prohibiting patrons from attending events at major venues, the MSRC approved extending the Program Announcement deadline for events by one year to December 31, 2022. In a related action, the MSRC previously approved a \$2,188,899 award to Los Angeles County Metropolitan Transportation Authority (Metro) to implement special transit service to Dodger Stadium for 2020 and 2021. A proposed contract was being developed to effectuate the award. Prior to the launch of the 2020 Dodgers season, the COVID-19 pandemic resulted in a freeze of major league baseball games. 2020 games are now to be conducted without fans in attendance, obviating the need for special bus service. Metro requested that the unused funding be reallocated to future seasons. The MSRC considered Metro's request and approved reallocating \$2,188,899 from special bus service to Dodger Stadium in 2020 and 2021 to funding for service in 2021 and 2022.

Los Angeles CleanTech Incubator

The MSRC heard an update on an unsolicited proposal which had been received from the Los Angeles CleanTech Incubator (LACI) in June. The proposal could not be agendized for consideration at the MSRC's June 20, 2020 meeting due to noticing requirements. The MSRC directed staff to initiate discussions with LACI to develop their concept more fully, and to convene the MSRC's Technical Working Group to review the proposal and provide guidance prior to MSRC-TAC and MSRC action. The Technical Working Group held a public meeting on July 16. Subsequently, it was determined that the unsolicited proposal did not meet the criteria to be considered for a sole source award under the South Coast AQMD Procurement Policy. However, multiple opportunities for LACI were outlined, with further details anticipated to be brought forward in September.

Contract Modification Requests

The MSRC considered eight contract modification requests and took the following actions:

- 1. For Riverside County Regional Park and Open Space District, Contract #ML14021, which provided \$250,000 for Bicycle Trail Improvements, a modified alignment and a four-year extension;
- 2. For the County of Los Angeles, Contract # ML14023, which provided \$230,000 for maintenance facility modifications in Westchester, a six-month extension;
- 3. For the County of Los Angeles, Contract #ML14024, which provided \$230,000 for maintenance facility modifications in Baldwin Park, a one-year extension;
- 4. For the County of Los Angeles, Contract #ML14097, which provided \$104,400 to install electric vehicle charging infrastructure, a one-year extension;
- 5. For the City of Rancho Cucamonga, Contract #ML16052, which provided \$315,576 to install two Class I bikeways, a six-month extension;

- 6. For the City of La Habra, Contract #ML18143, which provided \$80,700 to install two EV charging stations. The City requested to substitute the installation of one dual-port Level II charging station and one Level III charging station for two dual-port Level II charging stations;
- 7. For the City of Rialto, Contract #ML16077, which provided \$463,216 to implement pedestrian improvements and bike sharing, a modified statement of work and three-year extension; and
- 8. For the University of California (UCI), Contract #MS18175, which provided \$1,000,000 for expanding the existing hydrogen refueling station, station relocation and a one-year extension.

Contracts Administrator's Report

The MSRC's AB 2766 Contracts Administrator provides a written status report on all open contracts from FY 2007-08 through the present. The Contracts Administrator's Report for May 28 through July 29, 2020 is attached (Attachment 1).

Attachment

Attachment 1 – Approved January 16, 2020 Meeting Minutes

Attachment 2 – May 28 through July 29, 2020 Contracts Administrator's Report



MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE THURSDAY, JANUARY 16, 2020 MEETING MINUTES

21865 Copley Drive, Diamond, Bar, CA 91765 - Conference Room CC-8

MEMBERS PRESENT:

(Chair) Larry McCallon, representing SBCTA

Ben Benoit, representing SCAQMD

Michael Carter (Alt.), representing California Air Resources Board

Dolores Roybal Saltarelli (Alt.), representing Regional Rideshare Agency (via v/c)

Meghan Sahli-Wells (Alt.), representing SCAG (via v/c)

Tim Shaw (Alt.), representing OCTA

Steve Veres, representing Los Angeles County MTA (via v/c)

MEMBERS ABSENT:

(Vice-Chair) Greg Winterbottom, representing OCTA

Brian Berkson, representing RCTC

Jack Kitowski, representing California Air Resources Board

Rex Richardson, representing SCAG

MSRC-TAC MEMBERS PRESENT:

Kelly Lynn, representing SBCTA

Rongsheng Luo, representing SCAG

OTHERS PRESENT:

J.R. Deshazo, UCLA Luskin Center Lauren Dunlap, SoCalGas Andrés Narvaéz, LA Public Works

Miguel Ramirez-Corrye, City of Eastvale

Ric Teano, OCTA

SOUTH COAST AQMD STAFF & CONTRACTORS

Leah Alfaro, MSRC Contracts Assistant Maria Allen, Secretary

Naveen Berry, Asst. Deputy Executive Officer

Penny Shaw Cedillo, MSRC Administrative Liaison

Ray Gorski, MSRC Technical Advisor-Contractor

Daphne Hsu, Senior Deputy District Counsel

John Kampa, Financial Analyst

Cynthia Ravenstein, MSRC Contracts Administrator

Paul Wright, Information Technology Specialist

CALL TO ORDER

Call to Order

MSRC Chair Larry McCallon called the meeting to order at 2:00 p.m.

Roll call was taken at the start of the meeting. The following members and alternates were present: BEN BENOIT, MICHAEL CARTER, LARRY MCCALLON, DOLORES ROYBAL SALTARELLI, TIM SHAW, MEGHAN SAHLI-WELLS, MARK YAMARONE.

STATUS REPORT

Cynthia Ravenstein, MSRC Contracts Administrator reported there are highlights from the Governor's Draft State Budget. The first public hearing was held on CARB's Advanced Clean Trucks Rule in December. In February, CARB's going to hold their ZEV Workshop, that is going to be used to set actual vehicle target numbers for the fleets. There is going to be a second hearing on the rule in May. The comment period is open on SCAG's Connect SoCal Plan, this is for more than 4,000 transportation projects. Comments are due by January 24th.

MSRC Alternate Dolores Roybal Saltarelli stated that she does not have any financial interest in Item #8 but is required to identify that she is employed by Los Angeles County Metropolitan Transportation Authority, which is involved in this item.

MSRC Alternate Tim Shaw stated that he does not have any financial interest in Item #1 but is required to identify that he is a member of the Board of Directors of the Orange County Transportation Authority, which is involved in this item.

CONSENT CALENDAR (Items 1 through 9)

Receive and Approve Items

Agenda Item #1 – Summary of Final Reports by MSRC Contractors

The MSRC received and approved three final report summaries this month, as follows:

- Rialto Unified School District, Contract #MS14076, to construct a new public access CNG station
- Orange County Transportation Authority, Contract #MS16029, for TCM Partnership Program – OC Bikeways
- Orange County Transportation Authority, Contract #MS18005, for Clean Fuel Bus Service to the OC Fair

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC ALTERNATE TIM SHAW, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #9, THE MSRC UNANIMOUSLY APPROVED THE FINAL REPORTS LISTED ABOVE.

AYES: BENOIT, CARTER, MCCALLON, ROYBAL SALTARELLI, SHAW, SAHLI-WELLS.

NOES: NONE.

ACTION: MSRC staff will file the final reports and release any retention on the contracts.

Agenda Item #3 - Financial Report on AB 2766 Discretionary Fund

A financial report on the AB 2766 Discretionary Fund for December 2019 was included in the agenda package.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC ALTERNATE TIM SHAW, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #9, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE PERIOD ENDING DECEMBER 2019. AYES: BENOIT, CARTER, MCCALLON, ROYBAL SALTARELLI, SHAW, SAHLI-WELLS.

NOES: NONE.

ACTION: No further action is required.

For Approval – As Recommended

<u>Agenda Item #4 – Consider Two-Month Term Extension for the County of Los</u> <u>Angeles, Contract #ML14030 (\$425,000 – Bicycle Racks, Outreach and Education)</u> The County requests a two-month contract term extension to procure and install supplemental lighting at 47 of the bicycle racks sites. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC ALTERNATE TIM SHAW, MSRC UNANIMOUSLY VOTED TO APPROVE A TWO-MONTH TERM EXTENSION FOR THE COUNTY OF LOS ANGELES, CONTRACT # ML14030. AYES: BENOIT, CARTER, MCCALLON, ROYBAL SALTARELLI, SHAW, SAHLI-WELLS.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

<u>Agenda Item #5 – Consider Modified Statement of Work for the City of Bellflower,</u> <u>Contract #ML12091 (\$100,000 – Install EV Charging Infrastructure)</u>

The City requests to increase the number of stations to be installed from five to eleven and to install all stations at the new City parking lot, with no change to the project cost. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC ALTERNATE TIM SHAW, MSRC UNANIMOUSLY VOTED TO APPROVE A MODIFIED STATEMENT OF WORK FOR THE CITY OF BELLFLOWER, CONTRACT #ML12091.

AYES: BENOIT, CARTER, MCCALLON, ROYBAL SALTARELLI, SHAW, SAHLI-WELLS.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

<u>Agenda Item #6 – Consider Modified Statement of Work and Nine-Month Term</u> Extension for the City of Covina, Contract #ML18156 (\$63,800 – Purchase Four <u>Light-Duty Zero-emission Vehicles and Install EV Charging Infrastructure</u>)

The City requests to substitute one dual-port charging station for the two charging stations specified in the contract. Additionally, the City requests a nine-month contract term extension due to unforeseen delays in the delivery of the vehicles. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC ALTERNATE TIM SHAW, MSRC UNANIMOUSLY VOTED TO APPROVE A MODIFIED STATEMENT OF WORK AND A NINE-MONTH TERM EXTENSION FOR THE CITY OF COVINA, CONTRACT #ML18156.

AYES: BENOIT, CARTER, MCCALLON, ROYBAL SALTARELLI, SHAW, SAHLI-WELLS.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

<u>Agenda Item #7 – Consider Eighteen-Month Term Extension for the County of Los Angeles, Contract #ML14027 (\$500,000 – Install New CNG Stations in Canyon Country and La Puente)</u>

The County requests an eighteen-month contract term extension due to equipment order and construction delays by the vendor. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC ALTERNATE TIM SHAW, MSRC UNANIMOUSLY VOTED TO APPROVE AN EIGHTEEN-MONTH TERM EXTENSION FOR THE COUNTY OF LOS ANGELES, CONTRACT #ML14027.

AYES: BENOIT, CARTER, MCCALLON, ROYBAL SALTARELLI, SHAW, SAHLI-WELLS.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

<u>Agenda Item #8 – Consider Three-Year Term Extension for the Los Angeles County</u> <u>Metropolitan Transportation Authority (Metro), Contract #MS14057 (\$1,250,000 – Implement Various Signal Synchronization Projects)</u>

Metro requests a three-year term extension. Contracting issues with the consultant for the San Gabriel Valley Corridor Project delayed the start date for design. Additionally, subsequent to the original award, it became necessary for the individual cities in the project areas to contribute a share of the project costs. This in turn required increased coordination which has delayed the design processes. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC ALTERNATE TIM SHAW, MSRC UNANIMOUSLY VOTED TO APPROVE A THREE-YEAR TERM EXTENSION FOR THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY (METRO), CONTRACT #MS14057.

AYES: BENOIT, CARTER, MCCALLON, ROYBAL SALTARELLI, SHAW, SAHLI-WELLS.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.



<u>Agenda Item #9 – Consider Decreased Scope of Work and Value for the County of Los Angeles, Contract #ML14096 (\$150,000 – San Gabriel Bike Trail Underpass Improvements</u>

The County has determined that the tunnel lighting component of the project requires them to secure an Army Corps of Engineers permit for the installation of the solar panel poles on top of the San Gabriel River Levee. Due to the time necessary to obtain such a permit, and other alternatives investigated taking just as long or longer, the County requests to remove the tunnel lighting from the project and reduce the contract value by up to \$75,814. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC ALTERNATE TIM SHAW, MSRC UNANIMOUSLY VOTED TO APPROVE A DECREASED SCOPE OF WORK AND VALUE FOR THE COUNTY OF LOS ANGELES, CONTRACT #ML14096.
AYES: BENOIT, CARTER, MCCALLON, ROYBAL SALTARELLI, SHAW, SAHLI-WELLS.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

ACTION CALENDAR (Item 10 through 13)

FYs 2014-16 WORK PROGRAM

[MSRC Member Steve Veres arrived at 2:07 p.m., during the discussion of item #10.]

<u>Agenda Item #10 – Consider Modified Statement of Work for the City of Eastvale, Contract #ML16040 (\$110,000 – Install EV Charging Infrastructure)</u>

Cynthia Ravenstein, MSRC Contracts Administrator, reported this request comes from the City of Eastvale. They were awarded \$110,000 under MSRC's FYs 2014-16 Local Government Match Program to install 20 Level II charging stations. The City indicates that their residents have expressed a strong desire to have those be Level III charging stations rather than Level II charging stations. The City would like to substitute the installation of 12 Level III stations for the 20 Level II stations, with no change in the contract value. The City has not decided yet what specific type of stations it is that they want to install but one of the options that is under consideration is the installation of Tesla Superchargers. Tesla chargers are only usable by Tesla vehicles. There are two other types of DC fast charging that are in use in North America, CHAdeMO and CCS. All the major DC fast charging manufacturers do offer multi-standard units that provide the ability to charge both CHAdeMO and CCS from the same unit. Tesla vehicles are

capable of using CHAdeMO via an adapter. The TAC considered this request at their January 9th meeting and several of the TAC members expressed concerns about using public funding for a proprietary system that wouldn't be available to the owners of the vehicles that don't have Teslas. But consideration was also given to the City's knowledge of the distinctive needs of their residents and the potential that there could be a significant project investment opportunity lost. The TAC recommended to approve the substitution of the 12 Level III chargers for the 20 Level II chargers, and that the MSRC funds could only be used for non-proprietary EVSE project components. The City could either choose to install a non-proprietary charger technology, or they could install the Tesla chargers but use the MSRC funding on other elements of the project than the charging equipment itself. This could include site work, permitting or other things surrounding the project.

MSRC Chair Larry McCallon asked, what is driving them to want to install Tesla supercharger stations? Ray Gorski, MSRC Technical Advisor responded, this was based on prior conversations and may not be current. We know that the City has at least made representations of some earlier discussions with Tesla and we are able to convey that Tesla might be willing to bring a substantial amount of money to the table on this project. The MSRC's investment is \$110,000 and the 12 Level III chargers are going to have an investment in excess of \$1,000,000. Mr. McCallon commented, we just put in three Level III chargers at City Hall and I had to get the CHAdeMO adapter for my Tesla and it works fine.

MSRC Alternate Tim Shaw commented, for clarification, in the Eastvale letter, the 20 Level II charging stations were to be at four different locations. Can I assume that the Level III chargers would all go to the Gateway Plaza and the other three locations, they may install them but they won't use MSRC money. MS. Ravenstein replied, that is right.

MSRC Alternate Meghan Sahli-Wells commented, I like the idea of Level III chargers because it is more likely that people will use them. The proprietary idea of it does trouble me, especially because in Culver City, Tesla has installed their own chargers because they sell cars. I am a bit surprised that the City would be involved at all when this private company could not make a private deal anywhere.

MSRC Member Ben Benoit commented, I have similar concerns only because my belief is you can still go to the Telsa website, if you're a private entity owner or private shopping center owner, and put in your address and if Tesla wants a supercharger in your area, they will come to you and be happy to take your 12 or 24 parking spots and do that. I have never heard of a City entity having to interject some money into that process. I think it is fine if they want to do Level III chargers, but CHAdeMO type chargers that are more compatible. From what I am seeing on the American market, that is most likely the standard that we will be seeing coming forward. That is what is on the Kona that I drive from South Coast AQMD and a lot of the other non-Tesla the cars for Level III charging. I would be supportive of that, but I would have trouble spending money for Tesla. Mr.

McCallon commented, in this particular case, it sounds like the City and the developer of this shopping center are going to have a substantial investment by Tesla, probably an outlet or something like that. I would hate to deprive the City of that private investment, if we do not allow them to put in whatever they want to put in, as long as they do not use our money for the private chargers.

Mr. Shaw commented, just to be clear, the money from MSRC would fund what exactly? Mr. Gorski responded, the MSRC would mostly be doing civil work, any type of enabling technology for the site, but not actual proprietary equipment.

Ms. Sahli-Wells commented, are all of the chargers going to be for Tesla or will there be other kind as well? Mr. McCallon responded, If I understand it correctly the City has not really made the decision yet on what they are going to do. I would assume that there would be a mixture.

PUBLIC COMMENT: Miguel Ramirez-Corrye, City of Eastvale commented, there has not been a determination whether it will be Tesla. Tesla was one of the companies that is interested in coming in with it. We are working with Lewis, the developer on this and the chargers would be at Eastvale Gateway. As far as we know, they would be installing Level III only at that shopping center, but they are developing another center where they will have Level II stations because there is going to be a hotel at that center.

ON MOTION BY MSRC ALTERNATE MICHAEL CARTER, AND SECONDED BY MSRC MEMBER BEN BENOIT, MSRC UNANIMOUSLY VOTED TO APPROVE WITH CONTINGENCIES: 1) APPROVAL OF THE SUBSTITUTION OF 12 LEVEL III CHARGERS FOR 20 LEVEL II CHARGERS AND 2) THAT MSRC FUNDS ONLY BE USED FOR NONPROPRIETARY EVSE PROJECT COMPONENTS. AYES: BENOIT, CARTER, MCCALLON, ROYBAL SALTARELLI, SHAW, SAHLI-WELLS, VERES.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

FYs 2018-21 WORK PROGRAM

<u>Agenda Item #11 – Consider \$15,079 Contract Value Increase for the Better World Group Advisors, Contract #MS21002 (\$250,000 – Programmatic Outreach Services to the MSRC)</u>

Cynthia Ravenstein, MSRC Contracts Administrator, reported that at the June 2019 meeting the MSRC approved a proposal from the Better World Group to perform

additional research and outreach in support of development of the FYs 2018-21 Work Program. The MSRC authorized the work at a cost not to exceed \$25,165. That was going to be met through a combination of existing funds and the allocation of an additional \$15,000. A task order was issued to authorize the work. It has not proceeded as rapidly as anticipated. This is partially because they have been working under staff's direction, and partially because some of the potential project partners' schedules have not allowed the Better World Group to move that quickly. The Better World Group's contract that the work was authorized under expired December 31, 2019. Of that original \$25,165 in the task order, \$15,079 was not expended. The Better World Group is requesting that the funding which is going to revert back to the MSRC fund be added to their new contract so that they can complete the work that they had originally been authorized to do.

John Kampa, Financial Analyst commented, this would have no fiscal impact because the encumbrance is still open and reflected on the financial statement.

MSRC Chair Larry McCallon asked, the new contract allows for this type of activity to go on? Ms. Ravenstein responded, basically, most of the funding in the new contract is for specific activities, this would be for an extra activity. That is why the MSRC had authorized it in the first place. Some portions of this work would fall under the tasks in the existing contract, other portions would not. Also, even if this funding is authorized to be added to the new contract, there's still going to be a substantial balance from the old contract that would not be spent and would revert. Mr. McCallon asked, the new contract does not allow for this work to be done? Ms. Ravenstein responded, no, it does not.

ON MOTION BY MSRC ALTERNATE MICHAEL CARTER, AND SECONDED BY MSRC MEMBER BEN BENOIT, MSRC UNANIMOUSLY VOTED TO APPROVE THE CONTRACT VALUE INCREASE BY \$15,079 FOR THE BETTER WORLD GROUP ADVISORS, CONTRACT #MS21002.

AYES: BENOIT, CARTER, MCCALLON, ROYBAL SALTARELLI, SHAW, SAHLI-WELLS, VERES.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

<u>Agenda Item #12 – Update on Development of UCLA Luskin Center for Innovation</u> (<u>Luskin Center</u>) Report on Planning for Electric Vehicle Charging Infrastructure Investments J.R. Deshazo, UCLA Luskin Center reported where they are in the development of two tools for electric vehicle charging infrastructure: (1) the first that's focused on multifamily housing, also known as MUDs, and (2) the other that is supporting targeting infrastructure at workplaces. The broad purpose here is that for both of these sectors, we need to be able to better target our staffing resources and our outreach and communicate that we have incentives to provide technical assistance to specific units and structures. The question is, can we identify in a more targeted way, the promising MUDs and workplaces that are either in need of infrastructure or whose users are likely to purchase plug-in electric vehicles (PEVs) in the near future? We are really focused on providing a set of tools that would help regional planners. Both of these tools will be available in a couple of weeks.

As many of you are aware, we have experienced really rapid growth in PEV adoption over the last 10 years. About 10% of all new vehicles sold are PEVs. 95% of those are currently being sold to residents who live in single family detached homes. One of the challenges is getting this infrastructure into multi-unit dwellings. One of the things that we would like to be able to do is use our scarce staffing resources to provide outreach to the MUDs where there are future prospective PEV residents. What we have done is develop a tool that helps us target those MUDs with residents that who would be likely to purchase PEVs in the future if they had charging on site. The way that we forecast this, is we now have 10 years of data on the types of people who live in single-family homes that purchase PEVs, and we can predict with a lot of accuracy where PEVs are going to be bought now.

There is not a lot of mystery in terms of which communities and even which census tracts are going to have rapid rates of growth of PEVs. We have taken that information and we have basically distilled it into it a tool that predicts, at the building level, where people are more likely to purchase PEVs. We have this propensity to purchase variable that we can apply to every single MUD structure in all five counties. We have normed it for counties because a big predictor is income and home value, or rental price in the case of renters.

Basically, this tool will let you zero in on any community that you want within a five-county area. We have done this calculation for each of them. It should enable us to target property owners and residents of these structures. And then it also can be used by prospective developers if they want to understand what the likely PEV demand is going to be as they develop new MUD properties.

MSRC Chair Larry McCallon asked, is the tool being made available to people or is it going to be just UCLA? Mr. Deshazo replied the tool is going to be hosted on SCAG's existing website, so that will give everyone access to it. We have already made arrangements for them to host it and they have agreed to maintain it. This analysis will be

good for about five to six years before residential patterns change enough that you might have to redo it.

Mr. Deshazo continued, one of the areas of relative success has been getting chargers into workplaces, but we still have many drivers who cannot charge at work who would like to. The second tool will identify the workplace areas. We have been able to calculate how many chargers a workplace community has. We are also able to know the number of electric vehicles, and the make and model of each electric vehicle, that drives to that workplace area. We can actually estimate the state of charge of their batteries and then can compare how much electricity they need either to complete that trip or to return home for every vehicle in that area. Then we can compare that to the number of chargers that are currently in that area and we can identify the gap between the two. The bigger the gap, the more electric vehicle miles traveled which could be accomplish if additional chargers were placed in that space. The nice thing about this is it is based on actual travel behavior today. Essentially we're accounting for two types of trips: (1) you can go from your home to your work, but you run out of electricity on the way home and you have to travel the rest of the way on gasoline, and (2) you actually run out of electricity and have to travel on gas even before you get to your workplace. So, both of these tools are all about how to use your staffing resources to support MUD installations and workplace installations.

We are going to be done with this in March. We are actually done with the analysis now, but we are still trying to get it into a form that could be usable and posted online.

Mr. McCallon asked if a City can go on the SCAG website and do some planning? Mr. Deshazo responded, they could identify their top MUD structures within their jurisdictions, and they could identify workplaces that would benefit from the investment.

MSRC Alternate Michael Carter asked, did you say this would need to be updated in five years? Because I imagine in five years things are going to change quite a bit. Not sooner than five-years? Mr. Deshazo responded, the question is what's going to change between now and five-years that would affect this. There might be some additional workplaces or workplaces that are lost. There could be some movement of MUD residents and neighborhoods were changed slowly. There are certain neighborhoods, like Highland Park, which five-years from now is going to look quite different than it does today. It is gentrifying very quickly. Right now, our tool would probably identify it in terms of MUDs as promising but not super promising. Whereas in five-years, there are going to be a lot of electric vehicles in Highland Park. So, it's that kind of quick neighborhood transition that we're taking a snapshot of and for which you could do planning over the next couple of years but that's the type of change that it would need to be updated for.

Ray Gorski commented, you mentioned that SCAG was going to be maintaining it. Is there going to be as part of the maintenance on a regular basis, doing an assessment of what the state of the technology is? For example, five years from now, it may not be uncommon to have a 600-mile range EV, in which people would not necessarily need to charge every day. Mr. Deshazo responded, not that I know of. SCAG has has been super supportive of making these tools available broadly and providing PEV planning broadly. The resources needed to make these annual updates have been something that we have not really nailed down with them. Mr. Gorski asked, how difficult would it be to upgrade the technology component of this model? Mr. Deshazo responded; it would not be difficult at all. Mr. Gorski commented, maybe it can be done using another entity to do that. Mr. Deshazo replied depending on what you wanted to do, rethinking this for light-duty fleets, where 60% of them are going to have 250 miles of range, which is probably what we're looking at in the next design cycle, would be a fairly easy thing to do. And in this context, it would make MUD support even more important and would probably make workplace slightly less important. Vehicle technologies are going to change where we want to put charging stations.

MSRC Alternate Meghan Sahli-Wells commented, I want to make sure that I am understanding the basis of the analysis for MUDs. Is it economic, in other words are you saying these are the likely areas where multi-family dwellers would be able to buy these vehicles? Mr. Deshazo responded, the question that we are answering is where in the MUD space is resident demand the highest for PEVs. We are trying to avoid stranding assets. And so, what buildings could you put charging stations in where the probability that they are going to get used is the highest, that is the question we are answering. Your question is a little bit different, which is, what does it cost to put them in and are the benefits going to outweigh those costs. Ms. Sahli-Wells commented, I am wondering if you are determining that these areas are most likely to use EV's based on the economics of the people who live there. Mr. Deshazo responded, we do a breakout for MUDs; we do this a separate breakout for disadvantaged communities. If you wanted to be able to identify within disadvantaged communities where the highest demand for PEVs would be, you can do that using this tool. Your question might be getting at this fact, which is that among new EV purchasers, income and housing value are the greatest predictors of who's going to purchase a new PEV. However, we are now at a moment where the used EV market is taking off like crazy, and we are now having to go back and predict who is buying used EVs. There is a program that is actually administered by the South Coast AQMD, the EFMP Plus Up Program, which targets those moderate- and low-income drivers in disadvantaged communities. This tool could help complement outreach to them. Ms. Sahli-Wells commented, I am just wondering how we can use the tool with an equity lens? Mr. Deshazo responded, there are a couple of ways to do it. One is to break it out by disadvantaged communities, which is what I just suggested. Just look at disadvantaged communities and say okay we are going to make an investment in disadvantaged communities, and we want to make sure we are putting chargers where they are most likely to be used within them. This tool will let you do that for MUDs. You can adapt this tool and do it for single family homes too for disadvantaged communities. The other thing that you could use this tool to do, is for the workplaces. You could look

at workplaces that needed greater investment that were just in disadvantaged communities.

ACTION: No further action is required.

Agenda Item #13 – Update on MSRC's Regional Goods Movement Program

Ray Gorski, MSRC Technical Advisor, presented that back in November the MSRC launched the Market Acceleration Program, which is to target near zero, natural gas 0.02-gram trucks. This is a partnership program with the South Coast AQMD and Clean Energy. There are more opportunities to deploy near zero-emission technology and staff and the MSRC-TAC are currently putting together options which will be brought forward for your consideration over the next couple months. Specifically, there is a program that we are working on with the South Coast AQMD. It is not 100% designed yet, but we are excited about it. At the very onset of this Work Program, the MSRC gave staff some specific direction as to how the MSRC thought the near zero trucks could be deployed to support, for example, some of the independent owner-operators. We have taken all the guidance from the MSRC and tried to put that into a program structure that would target specifically those areas which the MSRC felt were most important. There are a lot of targets of opportunity for the near term deployment of zero-emission natural gas trucks. These will get quantifiable air pollution reductions in a very timely manner.

We do also understand that there is a large stakeholder contingent that wants to help move the bar towards full zero-emission technology. What we are trying to do is come up with an investment balance for the MSRC to consider. We have recently received several letters of support from regional stakeholders that are advocating that the MSRC, under the current Work Program, help implement a zero-emission truck technology demonstration. The letters have come from City of Los Angeles through the Mayor's office, the Maritime Ports, Los Angeles Metro, plus we have several from utilities, manufacturers, other technology companies, etc. There is a desire to put together a coalition/partnership and people believe that the MSRC can be a strong member of that. We're really trying to strike a balance, to bring to MSRC the ability to make immediate decisions for rapid deployment of commercially existing technology, as well as continue to work with other stakeholders on crafting a potential future project which would demonstrate zero-emissions drayage truck technology. We would like to convene a second meeting of the Zero/Near-zero Truck Working Group, probably in the mid- to late part of February. However, this would only be focused on the zero-emission component. The reason is we think we have sufficient targets of opportunity on the near-zero side that we can make that happen without having to have additional stakeholder input. We are recommending that we bring all the stakeholders together, review the individual status of some of those entities which have suggested they would like to partner with the MSRC, and see if we can find common ground. It is really to lay the groundwork for a zeroemission program that can be launched within a reasonable time frame.

For the Inland Ports category, also in November the MSRC authorized the release of a Program Opportunity Notice (PON) that was put on the street as of early December. This has had very wide scale distribution that was completed in mid-December. We sent out 3700 hard copies to warehouse distribution centers within the Inland Empire, specifically Riverside and San Bernardino Counties. This was using South Coast AQMD's database that they use in the development of their indirect source rule. In addition, there have been over 500 targeted electronic copies sent via email, and outreach to greater than 100 local governments. Your member agencies are also having their internal staff go out and try to beat the drum. They are sending this out using their own mailing lists. We are trying as hard as we can to make sure that everyone who has a potential role is aware that this program exists. Traffic over the last month has been low to moderate. We have had some contacts which are very encouraging and feel optimistic that at the end of the day this program will yield projects which are going to be highly beneficial to the Inland Empire.

The Last Mile category was the final component of the Goods Movement Program. This is the package delivery trucks and other entities which take the goods from the distribution centers to your doorstep. We are currently working very closely with SCAG and their internal goods movement staff to brainstorm options for moving forward. We selected SCAG because of their broad role within the region. Additionally, they have internal staff which have been working on this topic for quite some time. So, we are trying to utilize them as a resource. However, that is not to say there are no other stakeholders that will participate, and we are trying to seek them out and make sure that everyone is aware of that the MSRC is working towards Last Mile Program opportunities.

As far as the immediate next steps, we could put out a PON or we could put out a Request for Proposals. We could convene a Last Mile Technical Working Group, bring them to the table, see if we can brainstorm some good ideas--or we could do all the above. At this point, based upon the conversation we had yesterday, the recommendation is to wait approximately one month because SCAG is in the process of compiling, for your consideration, some potential program opportunities and we would like to take a look at those first. SCAG is continuing to engage some of the other entities. They have been working with the big package delivery companies for example, continuing to shake the trees to see if there are other companies that may want to do business. The good news is that more zero-emission product is becoming available in the Class 4 to 6 trucks. We're still always looking at this from two vantage points: (1) the technology, that is the truck/car that's delivering goods to your doorstep, and (2) looking for operational efficiency improvements to reduce VMT and emissions from less goods movement overall. It usually has an acronym called FATIS which is the Freight Advanced Technology Information System. The truth is a lot of the big companies do that already and maybe there is something that can be made available to some of the smaller entities.

A lot of these companies are doing everything they can to lower their operations cost. At this point we just do not have all the answers yet.

MSRC Alternate Michael Carter asked, given that the Ports already have their incentive type programs to get cleaner trucks and this is reflected in gate fees, for example, how does the MSRC funding coincide with that? Is the money stackable? Mr. Gorski responded, it is an interesting question because in our conversations with the Ports, they are suggesting they really do not have money to do any advanced technology trucks, or at least not yet. Now, of course, there is the hope that under some of the upcoming programs which would be made available through the state, such as the California Climate Investment Program or other types of funding which the regulatory agencies could make available, they would be potentially able to bid to secure funding. But right now, in the frequent conversations we've had with the Ports, they are very interested in partnering with the MSRC because they would very much like to have a demonstration program put on the street very quickly. Because, for all intents and purposes, despite the representations that the mayors of both Los Angeles and Long Beach have made that a program would be put together in the short term to demonstrate zero-emissions drayage trucks, I have not seen a funding plan, per se, on how that is going to be accomplished.

Mr. McCallon commented, South Coast AQMD has made significant investments in the Port in terms of demonstrating zero-emission technology. Mr. Gorski commented, there are several demonstration programs on going now. This includes the hydrogen trucks working with Toyota. We have the equipment which is being used on terminal, that includes the cargo handling equipment. What the Ports have stated they want to do, and what they are going to seek money for, is to do a large-scale demonstration. We are talking probably over 100 zero-emission trucks. That is probably their next step and their number one priority right now.

ACTION: No further action is required.

Agenda Item #14 – Other Business

No other business was introduced.

PUBLIC COMMENT PERIOD

Public comments were allowed during the discussion of each agenda item. No comments were made on non-agenda items.

ADJOURNMENT

There being no further business, the MSRC meeting adjourned at 2:57 p.m.

NEXT MEETING

Thursday, February 20, 2020, at 2:00 p.m., Room CC8.

[Prepared by Penny Shaw Cedillo]





MSRC Agenda Item No. 2

DATE: August 20, 2020

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 May 28 to

July 29, 2020.

RECOMMENDATION: Receive and file report

WORK PROGRAM IMPACT: None

Contract Execution Status

2016-18 Work Program

On July 8, 2016, the SCAQMD Governing Board approved an award under the Event Center Transportation Program. This contract is executed.

On October 7, 2016, the SCAQMD Governing Board approved three awards under the Event Center Transportation Program and one award for a Regional Active Transportation Partnership Program. These contracts are executed.

On January 6, 2017, the SCAQMD Governing Board approved an award for development, hosting and maintenance of a new MSRC website. This contract is executed.

On April 7, 2017, the SCAQMD Governing Board approved an award under the Event Center Transportation Program. This contract is executed.

On June 2, 2017, the SCAQMD Governing Board approved an award under the Event Center Transportation Program. This contract is executed.

On July 7, 2017, the SCAQMD Governing Board approved an award under the Event Center Transportation Program. This contract is executed.

On September 1, 2017, the SCAQMD Governing Board approved one award under the Event Center Transportation Program and one award under the Natural Gas Infrastructure Program. These contracts are executed.

On October 6, 2017, the SCAQMD Governing Board approved two awards under the Event Center Transportation Program and one award under the Natural Gas Infrastructure Program. These contracts are executed.

On December 1, 2017, the SCAQMD Governing Board approved sole source awards for a Hydrogen Infrastructure Partnership Program, for a Southern California Future Communities Partnership Program, and for electric vehicle charging infrastructure planning analysis. These contracts are executed. The MSRC has replaced the award to the California Energy Commission with a Program Opportunity Notice for the Hydrogen Infrastructure Partnership Program.

On February 2, 2018, the SCAQMD Governing Board approved one award under the Event Center Transportation Program, two awards under the Natural Gas Infrastructure Program, four awards under the Local Government Partnership Program, and two awards under the County Transportation Commission Partnership Program. These contracts are executed.

On March 2, 2018, the SCAQMD Governing Board approved one award under the Major Event Center Transportation Program, two awards under the Natural Gas Infrastructure Program, and one award under the Local Government Partnership Program. These contracts are executed.

On April 6, 2018, the SCAQMD Governing Board approved one award under the Natural Gas Infrastructure Program and eight awards under the Local Government Partnership Program. These contracts are executed.

On May 4, 2018, the SCAQMD Governing Board approved twenty-seven awards under the Local Government Partnership Program and one award under the County Transportation Commission Partnership Program. These contracts are executed.

On June 1, 2018, the SCAQMD Governing Board approved six awards under the Local Government Partnership Program, one award under the Natural Gas Infrastructure Program, and one award under the County Transportation Commission Partnership Program. These contracts are executed.

On July 6, 2018, the SCAQMD Governing Board approved nine awards under the Local Government Partnership Program. These contracts are executed.

On September 7, 2018, the SCAQMD Governing Board approved nineteen awards under the Local Government Partnership Program, three awards under the County Transportation Commission Partnership Program, one award under the Major Event Center Transportation Program, and twenty awards under the Natural Gas Infrastructure Program. These contracts are with the prospective contractor for signature or executed.

On October 5, 2018, the SCAQMD Governing Board approved forty-eight awards under the Local Government Partnership Program and one award under the Hydrogen Infrastructure Program. These contracts are with the prospective contractor for signature or executed.

On November 2, 2018, the SCAQMD Governing Board approved two awards under the Local Government Partnership Program. These contracts are executed.

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 with the South Coast AQMD Board Chair for signature.

On December 6, 2019, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is undergoing internal review.

Work Program Status

Contract Status Reports for work program years with open and/or pending contracts are attached.

FY 2010-11 Work Program Contracts

One contract from this work program year is open; and 10 are in "Open/Complete" status. 2 contracts closed during this period: Border Valley Trading, Contract #MS11010 – Install New LNG Station; and City of Corona, Contract #MS11019 – Expand Existing CNG Station.

FY 2010-11 Invoices Paid

No invoices were paid during this period.

FY 2011-12 Work Program Contracts

6 contracts from this work program year are open, and 13 are in "Open/Complete" status. One contract closed during this period: City of La Puente, Contract #ML12022 – Purchase 2 Medium-Duty and Three Heavy-Duty CNG Vehicles.

FY 2011-12 Invoices Paid

No invoices were paid during this period.

FYs 2012-14 Work Program Contracts

16 contracts from this work program year are open, and 32 are in "Open/Complete" status. One contract closed during this period: County of Los Angeles, Department of Public Works, Contract #ML14096 – San Gabriel Bike Trail Underpass Improvements.

FYs 2012-14 Invoices Paid

2 invoices totaling \$141,686.00 were paid during this period.

FYs 2014-16 Work Program Contracts

42 contracts from this work program year are open, and 30 are in "Open/Complete" status. One contract closed during this period: City of Colton, Contract #ML16062 – Installation of EV Charging Infrastructure.

FYs 2014-16 Invoices Paid

2 invoices totaling \$200,274.21 were paid during this period.

FYs 2016-18 Work Program Contracts

122 contracts from this work program year are open, and 26 are in "Open/Complete" status. 3 contracts passed into "Open/Complete" status during this period: City of Orange, Contract #ML18085 – Purchase Two Heavy-Duty Near-Zero Emission Vehicles; City of Los Angeles, Police Department, Contract #ML18131 – Purchase Three Light-Duty Zero Emission Vehicles; and City of Claremont, Contract #ML18155 – Install EV Charging Infrastructure.

15 invoices totaling \$854,703.98 were paid during this period.

FYs 2018-21 Work Program Contracts

2 contracts from this work program year are open.

4 invoices totaling \$263,714.07 were paid during this period.

Administrative Scope Changes

No administrative scope changes were initiated during the period of May 28 to July 29, 2020.

Attachments

- FY 2007-08 through FYs 2018-21 (except FY 2009-10) Contract Status Reports
- FY 2007-08 through FYs 2018-21 (except FY 2009-10) Progress Report Tracking



AB2766 Discretionary Fund Program Invoices

May 28 to July 29, 2020

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
			rinance	Contract #	Contractor	invoice #	Amount
	2014 Work Prog			ı		,	
6/2/2020	6/5/2020	6/9/2020	6/12/2020	ML14096	County of Los Angeles Dept of Pub Wrks	00000333-FI	\$74,186.00
6/16/2020	6/18/2020	6/19/2020	6/19/2020	MS14037	Penske Truck Leasing Co., L.P.	001	\$67,500.00
Total: \$141,68	86.00						
2014-2	2016 Work Prog	ram					
7/21/2020	7/23/2020	7/24/2020	8/4/2020	MS16086	San Bernardino County Transportation Authority	8	\$129,024.21
7/21/2020	7/23/2020	7/24/2020	8/4/2020	MS16115	City of Santa Monica	795-C	\$71,250.00
Total: \$200,27	7 4.21						
2016-2	2018 Work Prog	ram					
6/17/2020	6/18/2020	6/19/2020	6/19/2020	MS18023	Riverside County Transportation Commission	02286	\$23,702.28
6/2/2020	6/5/2020	6/9/2020	6/12/2020	MS18104	Orange County Transportation Authority	FA141468	\$165,235.92
6/3/2020	6/5/2020	6/9/2020	6/12/2020	MS18014	Regents of the University of California	'656 - 4 Interi	\$18,452.06
6/3/2020	6/5/2020	6/9/2020	6/12/2020	MS18014	Regents of the University of California	7656 - 6 Fina	\$17,036.74
6/4/2020	6/5/2020	6/9/2020	6/12/2020	MS18003	Geographics	20-22062	\$373.00
6/9/2020	6/18/2020	6/19/2020	6/19/2020	ML18085	City of Orange	119888-FINA	\$25,000.00
6/9/2020	6/18/2020	6/19/2020	6/19/2020	ML18136	City of Orange	0119887	\$30,000.00
6/16/2020	6/18/2020	6/19/2020	6/19/2020	MS18025	Los Angeles County MTA	800072589	\$255,011.17
6/3/2020	6/5/2020	6/9/2020	6/12/2020	ML18131	City of Los Angeles, Police Department	774 - FINAL	\$19,294.00
6/17/2020	6/18/2020	6/19/2020	6/19/2020	MS18024	Riverside County Transportation Commission	02285	\$63,195.00
7/21/2020	7/23/2020	7/24/2020	8/4/2020	ML18048	City of Lynwood	117042-Final	\$44,505.53
7/10/2020	7/10/2020	7/14/2020	7/21/2020	ML18079	City of Pasadena	FINAL	\$83,670.00
7/9/2020	7/10/2020	7/14/2020	7/21/2020	ML18052	City of Garden Grove	19-18052-Fir	\$46,164.28
7/16/2020	7/23/2020	7/24/2020	8/4/2020	ML18047	City of Whittier	8020000821	\$45,564.00
6/17/2020	6/18/2020	6/19/2020	6/19/2020	ML18173	City of Manhattan Beach	033120ML18	\$17,500.00
Total: \$854,70	3.98						
2018-2	2021 Work Prog	ram					
6/26/2020	6/26/2020	6/30/2020	7/10/2020	MS21001	Los Angeles County MTA	800077382	\$129,980.92
6/26/2020	6/26/2020	6/30/2020	7/10/2020	MS21001	Los Angeles County MTA	800077383	\$119,683.95
7/9/2020	7/10/2020	7/14/2020	7/21/2020	MS21002	Better World Group Advisors	WG-MSRC0	\$5,606.15

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
7/9/2020	7/10/2020	7/14/2020	7/21/2020	MS21002	Better World Group Advisors	WG-MSRC0	\$8,443.05

Total: \$263,714.07

Total This Period: \$1,460,378.26



FYs 2007-08 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 200	7-2008 Contracts								
Declined/C	ancelled Contracts								
ML08032	City of Irvine	5/1/2009	8/31/2010		\$9,000.00	\$0.00	36 Vehicles (Diagnostic)	\$9,000.00	No
ML08041	City of Los Angeles, Dept of Transpo	8/6/2010	7/5/2011	12/5/2011	\$8,800.00	\$0.00	73 Vehicles (Diagnostic)	\$8,800.00	No
ML08049	City of Cerritos	3/20/2009	1/19/2015	2/19/2017	\$25,000.00	\$0.00	1 CNG Heavy-Duty Vehicle	\$25,000.00	No
ML08051	City of Colton				\$75,000.00	\$0.00	3 CNG Heavy-Duty Vehicles	\$75,000.00	No
ML08080	City of Irvine	5/1/2009	5/31/2015		\$50,000.00	\$0.00	Two Heavy-Duty Nat. Gas Vehicles	\$50,000.00	No
MS08002	Orange County Transportation Autho				\$1,500,000.00	\$0.00	Big Rig Freeway Service Patrol	\$1,500,000.00	No
MS08008	Diversified Truck Rental & Leasing				\$300,000.00	\$0.00	10 H.D. Nat. Gas Vehicles	\$300,000.00	No
MS08010	Orange County Transportation Autho				\$10,000.00	\$0.00	20 H.D. Nat. Gas Vehicles	\$10,000.00	No
MS08011	Green Fleet Systems, LLC				\$10,000.00	\$0.00	30 H.D. Nat. Gas Vehicles	\$10,000.00	No
MS08052	Burrtec Waste Industries, Inc.	12/24/2008	11/23/2014	11/23/2015	\$100,000.00	\$0.00	New CNG Station - Fontana	\$100,000.00	No
MS08054	Clean Energy Fuels Corp.				\$400,000.00	\$0.00	New LNG Station - Fontana	\$400,000.00	No
MS08055	Clean Energy Fuels Corp.	11/26/2009	3/25/2016	3/25/2017	\$400,000.00	\$0.00	New LNG Station - Long Beach-Pier S	\$400,000.00	No
MS08059	Burrtec Waste Industries, Inc.	12/24/2008	11/23/2014		\$100,000.00	\$0.00	New CNG Station - San Bernardino	\$100,000.00	No
MS08060	Burrtec Waste Industries, Inc.	12/24/2008	11/23/2014		\$100,000.00	\$0.00	New CNG Station - Azusa	\$100,000.00	No
MS08062	Go Natural Gas	9/25/2009	1/24/2016	1/24/2017	\$400,000.00	\$0.00	New CNG Station - Rialto	\$400,000.00	No
MS08074	Fontana Unified School District	11/14/2008	12/13/2014		\$200,000.00	\$0.00	Expansion of Existing CNG station	\$200,000.00	No
MS08077	Hythane Company, LLC				\$144,000.00	\$0.00	Upgrade Station to Hythane	\$144,000.00	No
Total: 17									
Closed Co.	ntracts								
ML08023	City of Villa Park	11/7/2008	10/6/2012		\$6,500.00	\$5,102.50	Upgrade of Existing Refueling Facility	\$1,397.50	Yes
ML08024	City of Anaheim	7/9/2010	7/8/2017	1/8/2018	\$425,000.00	\$425,000.00	9 LPG Buses and 8 CNG Buses	\$0.00	Yes
ML08026	Los Angeles County Department of P	7/20/2009	7/19/2016		\$250,000.00	\$250,000.00	10 LPG Heavy-Duty Vehicles	\$0.00	Yes
ML08027	Los Angeles County Department of P	7/20/2009	1/19/2011	1/19/2012	\$6,901.00	\$5,124.00	34 Vehicles (Diagnostic)	\$1,777.00	Yes
ML08028	City of Santa Monica	9/11/2009	9/10/2016	5/10/2019	\$600,000.00	\$200,000.00	24 CNG Heavy-Duty Vehicles	\$400,000.00	Yes
ML08029	City of Gardena	3/19/2009	1/18/2015		\$25,000.00	\$25,000.00	1 Propane Heavy-Duty Vehicle	\$0.00	Yes
ML08030	City of Azusa	5/14/2010	3/13/2016		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	No
ML08031	City of Claremont	3/27/2009	3/26/2013	3/26/2015	\$97,500.00	\$97,500.00	Upgrade of Existing CNG Station, Purchase	\$0.00	Yes
ML08033	County of San Bernardino Public Wo	4/3/2009	2/2/2010		\$14,875.00	\$14,875.00	70 Vehicles (Diagnostic)	\$0.00	Yes
ML08034	County of San Bernardino Public Wo	3/27/2009	7/26/2015		\$150,000.00	\$150,000.00	8 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08035	City of La Verne	3/6/2009	11/5/2009		\$11,925.00	\$11,925.00	53 Vehicles (Diagnostic)	\$0.00	Yes
ML08036	City of South Pasadena	5/12/2009	7/11/2013		\$169,421.00	\$169,421.00	New CNG Station	\$0.00	Yes

0	Operation	Otant Data	Original End Date	Amended End Date	Contract Value	Danielii ad	Partiest Presentation	Award Balance	Billing
Cont.#	Contractor	Start Date		Life Date		Remitted	Project Description		Complete?
ML08037	City of Glendale	5/20/2009	5/19/2015		\$325,000.00	\$325,000.00	13 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08038	Los Angeles Department of Water an	7/16/2010	7/15/2017		\$1,050,000.00	\$1,050,000.00	42 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08039	City of Rancho Palos Verdes	6/5/2009	8/4/2015	0/40/0040	\$50,000.00	\$50,000.00	2 LPG Transit Buses	\$0.00	Yes
ML08040	City of Riverside	9/11/2009	9/10/2016	3/10/2019	\$455,500.00	\$455,500.00	16 CNG Vehicles, Expand CNG Station & M	\$0.00	Yes
ML08042	City of Ontario, Housing & Municipal	5/1/2009	1/31/2016		\$175,000.00	\$175,000.00	7 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08044	City of Chino	3/19/2009	3/18/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08045	City of Santa Clarita	2/20/2009	6/19/2010		\$3,213.00	\$3,150.00	14 Vehicles (Diagnostic)	\$63.00	Yes
ML08046	City of Paramount	2/20/2009	2/19/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08047	City of Culver City Transportation De	5/12/2009	8/11/2015		\$150,000.00	\$150,000.00	6 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08048	City of Santa Clarita	2/20/2009	6/19/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08050	City of Laguna Beach Public Works	8/12/2009	4/11/2016	10/11/2016	\$75,000.00	\$75,000.00	3 LPG Trolleys	\$0.00	Yes
MS08001	Los Angeles County MTA	12/10/2010	6/9/2014		\$1,500,000.00	\$1,499,999.66	Big Rig Freeway Service Patrol	\$0.34	Yes
MS08003	A-Z Bus Sales, Inc.	5/2/2008	12/31/2008	2/28/2009	\$1,480,000.00	\$1,400,000.00	Alternative Fuel School Bus Incentive Progra	\$80,000.00	Yes
MS08004	BusWest	5/2/2008	12/31/2008		\$1,440,000.00	\$1,440,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS08005	Burrtec Waste Industries, Inc.	10/23/2008	11/22/2014	10/22/2015	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles - Azusa	\$0.00	Yes
MS08006	Burrtec Waste Industries, Inc.	10/23/2008	11/22/2014	10/22/2015	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles - Saugus	\$0.00	Yes
MS08007	United Parcel Service West Region	12/10/2008	10/9/2014	4/9/2019	\$300,000.00	\$270,000.00	10 H.D. Nat. Gas Vehicles	\$30,000.00	Yes
MS08009	Los Angeles World Airports	12/24/2008	12/23/2014		\$870,000.00	\$870,000.00	29 H.D. Nat. Gas Vehicles	\$0.00	Yes
MS08012	California Cartage Company, LLC	12/21/2009	10/20/2015	4/20/2016	\$480,000.00	\$480,000.00	12 H.D. Nat. Gas Yard Tractors	\$0.00	Yes
MS08013	United Parcel Service West Region	12/10/2008	10/9/2014	3/9/2019	\$480,000.00	\$432,000.00	12 H.D. Nat. Gas Yard Tractors	\$48,000.00	No
MS08014	City of San Bernardino	12/5/2008	6/4/2015		\$390,000.00	\$360,000.00	13 H.D. Nat. Gas Vehicles	\$30,000.00	Yes
MS08015	Yosemite Waters	5/12/2009	5/11/2015		\$180,000.00	\$117,813.60	11 H.D. Propane Vehicles	\$62,186.40	Yes
MS08016	TransVironmental Solutions, Inc.	1/23/2009	12/31/2010	9/30/2011	\$227,198.00	\$80,351.34	Rideshare 2 School Program	\$146,846.66	Yes
MS08017	Omnitrans	12/13/2008	12/12/2015	12/12/2016	\$900,000.00	\$900,000.00	30 CNG Buses	\$0.00	Yes
MS08018	Los Angeles County Department of P	8/7/2009	10/6/2016	4/6/2018	\$60,000.00	\$60,000.00	2 CNG Vehicles	\$0.00	Yes
MS08019	Enterprise Rent-A-Car Company of L	2/12/2010	7/11/2016		\$300,000.00	\$300,000.00	10 CNG Vehicles	\$0.00	Yes
MS08020	Ware Disposal Company, Inc.	11/25/2008	2/24/2016		\$900,000.00	\$900,000.00	30 CNG Vehicles	\$0.00	Yes
MS08021	CalMet Services, Inc.	1/9/2009	1/8/2016	7/8/2016	\$900,000.00	\$900,000.00	30 CNG Vehicles	\$0.00	Yes
MS08022	SunLine Transit Agency	12/18/2008	3/17/2015		\$311,625.00	\$311,625.00	15 CNG Buses	\$0.00	Yes
MS08053	City of Los Angeles, Bureau of Sanit	2/18/2009	12/17/2015		\$400,000.00	\$400,000.00	New LNG/CNG Station	\$0.00	Yes
MS08056	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New LNG Station - POLB-Anah. & I	\$0.00	Yes
MS08057	Orange County Transportation Autho	5/14/2009	7/13/2015		\$400,000.00	\$400,000.00	New CNG Station - Garden Grove	\$0.00	Yes
MS08058	Clean Energy Fuels Corp.	11/26/2009	3/25/2016	3/25/2017	\$400,000.00	\$400,000.00	New CNG Station - Ontario Airport	\$0.00	Yes
MS08061	Clean Energy Fuels Corp.	12/4/2009	3/3/2015		\$400,000.00	\$400,000.00	New CNG Station - L.ALa Cienega	\$0.00	Yes
MS08063	Go Natural Gas	9/25/2009	1/24/2016	1/24/2017	\$400,000.00	\$400,000.00	New CNG Station - Moreno Valley	\$0.00	Yes
MS08064	Hemet Unified School District	1/9/2009	3/8/2015		\$75,000.00	\$75,000.00	Expansion of Existing Infrastructure	\$0.00	Yes
MS08065	Pupil Transportation Cooperative	11/20/2008	7/19/2014		\$10,500.00	\$10,500.00	Existing CNG Station Modifications	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS08066	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New CNG Station - Palm Spring Airport	\$0.00	Yes
MS08067	Trillium CNG	3/19/2009	6/18/2015	6/18/2016	\$311,600.00	\$254,330.00	New CNG Station	\$57,270.00	Yes
MS08069	Perris Union High School District	6/5/2009	8/4/2015	8/4/2016	\$225,000.00	\$225,000.00	New CNG Station	\$0.00	Yes
MS08070	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New CNG Station - Paramount	\$0.00	Yes
MS08071	ABC Unified School District	1/16/2009	1/15/2015		\$63,000.00	\$63,000.00	New CNG Station	\$0.00	Yes
MS08072	Clean Energy Fuels Corp.	12/4/2009	3/3/2015		\$400,000.00	\$354,243.38	New CNG Station - Burbank	\$45,756.62	Yes
MS08073	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New CNG Station - Norwalk	\$0.00	Yes
MS08075	Disneyland Resort	12/10/2008	2/1/2015		\$200,000.00	\$200,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS08076	Azusa Unified School District	10/17/2008	11/16/2014	1/31/2017	\$172,500.00	\$172,500.00	New CNG station and maint. Fac. Modificati	\$0.00	Yes
MS08078	SunLine Transit Agency	12/10/2008	6/9/2015	2/9/2016	\$189,000.00	\$189,000.00	CNG Station Upgrade	\$0.00	Yes
Total: 59			1						
Closed/Inco	omplete Contracts								
ML08025	Los Angeles County Department of P	10/30/2009	3/29/2011		\$75,000.00	\$0.00	150 Vehicles (Diagnostic)	\$75,000.00	No
MS08068	Regents of the University of Californi	11/5/2010	11/4/2017	11/4/2019	\$400,000.00	\$0.00	Hydrogen Station	\$400,000.00	No
MS08079	ABC Unified School District	1/16/2009	12/15/2009	12/15/2010	\$50,000.00	\$0.00	Maintenance Facility Modifications	\$50,000.00	No
Total: 3			·						-
Open/Comp	olete Contracts								

\$25,000.00

\$25,000.00

1 CNG Heavy-Duty Vehicle

\$0.00

Yes

ML08043

Total: 1

City of Desert Hot Springs

9/25/2009

3/24/2016

3/24/2021

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2008	3-2009 Contracts								
	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			1			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
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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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	No
Total: 30				•					<u>* </u>
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 Fleet Services B

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									
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	ony or carna rina	3/1/2012	0/0/2020	0/0/2020	Ψ202,000.00	ψ10,000.00	Expansion of Existing Cive Station, motal in	ψ107,000.00	140
	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.	0, 10, 20 12	.,,_0.0		\$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	-				1			1	
Closed Co.	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
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
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
ML11027	City of Los Angeles, Dept. of Genera	5/4/2012	7/3/2015	1/3/2016	\$300,000.00	\$300,000.00	Maintenance Facility Modifications	\$0.00	Yes
ML11028	City of Glendale	1/13/2012	5/12/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. CNG Vehicles	\$0.00	Yes
ML11030	City of Fullerton	2/3/2012	3/2/2018		\$109,200.00	\$109,200.00	Purchase 2 Nat. Gas H.D. Vehicles, Retrofit	\$0.00	Yes

•		<u> </u>	Original End Date	Amended End Date	Contract Value			Award Balance	Billing
Cont.#	Contractor	Start Date		Eliu Dale	1	Remitted	Project Description		Complete?
ML11031	City of Culver City Transportation De	12/2/2011	12/1/2018	I	\$300,000.00	\$300,000.00	Purchase 10 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11033	City of Los Angeles, Bureau of Sanit	3/16/2012	1/15/2019		\$1,080,000.00	\$1,080,000.00	Purchase 36 LNG H.D. Vehicles	\$0.00	Yes
ML11034	City of Los Angeles Dept of General	5/4/2012	1/3/2019		\$630,000.00	\$630,000.00	Purchase 21 H.D. CNG Vehicles	\$0.00	Yes
ML11035	City of La Quinta	11/18/2011	11/17/2012		\$25,368.00	\$25,368.00	Retrofit 3 On-Road Vehicles w/DECS	\$0.00	Yes
ML11037	City of Anaheim	12/22/2012	12/21/2019	1	\$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
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
MS11001	Mineral LLC	4/22/2011	4/30/2013	4/30/2015	\$111,827.00	\$103,136.83	Design, Develop, Host and Maintain MSRC	\$8,690.17	Yes
MS11002	A-Z Bus Sales, Inc.	7/15/2011	12/31/2011	6/30/2013	\$1,705,000.00	\$1,705,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11003	BusWest	7/26/2011	12/31/2011	12/31/2012	\$1,305,000.00	\$1,305,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11004	Los Angeles County MTA	9/9/2011	2/29/2012		\$450,000.00	\$299,743.34	Clean Fuel Transit Service to Dodger Stadiu	\$150,256.66	Yes
MS11006	Orange County Transportation Autho	10/7/2011	2/29/2012	8/31/2012	\$268,207.00	\$160,713.00	Metrolink Service to Angel Stadium	\$107,494.00	Yes
MS11008	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11009	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11010	Border Valley Trading	8/26/2011	10/25/2017	4/25/2020	\$150,000.00	\$150,000.00	New LNG Station	\$0.00	Yes
MS11011	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Signal Hill	\$0.00	Yes
MS11012	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Buena Park	\$0.00	Yes
MS11016	CR&R Incorporated	4/12/2013	10/11/2019		\$100,000.00	\$100,000.00	New CNG Station - Perris	\$0.00	Yes
MS11017	CR&R, Inc.	3/2/2012	2/1/2018		\$100,000.00	\$100,000.00	Expansion of existing station - Garden Grove	\$0.00	Yes
MS11018	Orange County Transportation Autho	10/14/2011	1/31/2012		\$211,360.00	\$211,360.00	Express Bus Service to Orange County Fair	\$0.00	Yes
MS11019	City of Corona	11/29/2012	4/28/2020		\$225,000.00	\$225,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11052	Krisda Inc	9/27/2012	6/26/2013		\$120,000.00	\$120,000.00	Repower Three Heavy-Duty Vehicles	\$0.00	Yes
MS11055	KEC Engineering	2/3/2012	8/2/2018	8/2/2019	\$200,000.00	\$200,000.00	Repower 5 H.D. Off-Road Vehicles	\$0.00	Yes
MS11056	Better World Group Advisors	12/30/2011	12/29/2013	12/29/2015	\$206,836.00	\$186,953.46	Programmatic Outreach Services	\$19,882.54	Yes
MS11057	Riverside County Transportation Co	7/28/2012	3/27/2013		\$100,000.00	\$89,159.40	Develop and Implement 511 "Smart Phone"	\$10,840.60	Yes
MS11058	L A Service Authority for Freeway E	5/31/2013	4/30/2014		\$123,395.00	\$123,395.00	Implement 511 "Smart Phone" Application	\$0.00	Yes
MS11060	Rowland Unified School District	8/17/2012	1/16/2019	1/16/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11061	Eastern Municipal Water District	3/29/2012	5/28/2015		\$11,659.00	\$1,450.00	Retrofit One Off-Road Vehicle under Showc	\$10,209.00	Yes
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

State	0	Occident	Otani Data	Original End Date	Amended End Date	Contract Value	Danista d	But had Bassatudan	Award Balance	Billing
MS11079 Bear Valley Unified School District 2/5/2013 10/4/2019 \$175,000.00 \$175,000.00 New Limited Access CNG Station \$0.00 Yes MS11080 Southern California Regional Rail Au 4/6/2012 7/31/2012 \$28,000.00 \$28,000.00 Metrolink Service to Auto Club Speedway \$0.00 Yes MS11080 Cold 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 \$3448,760.80 Retrofit 13 H.D. Off-Road Vehicles Under Sh \$5.20 Yes 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 Sh \$55,000.00 No MS11092 Griffith Company 2/15/2013 8/14/2016 2/4/2018 \$55,000.00 \$0.00 Retrofit 17 H.D. Off-Road Vehicles Under Sh \$311,771.00 No Total: 51 **Closed/Incomplete Contracts*** **MS11064 City of Hawthorne 7/28/2012 8/27/2018 8/27/2019 \$175,000.00 \$0.00 New Limited Access CNG Station \$175,000.00 No MS11081 Metropolitan Stevedore Company 9/7/2012 1/6/2016 \$424,801.00 \$0.00 Retrofit 17 Griff 13 Off-Road Vehicles with \$424,801.00 No MS11081 Metropolitan Stevedore Company 9/7/2012 1/6/2016 \$45,416.00 \$0.00 Retrofit of 13 Off-Road Vehicles \$45,416.00 No MS11082 Baumon North America, LLC 8/2/2012 12/1/2015 \$65,958.00 \$4,350.00 Install DECS on Two Off-Road Vehicles \$45,416.00 No MS11082 Baumon North America, LLC 8/2/2012 12/1/2015 \$65,958.00 \$4,350.00 Retrofit Seven H.D. Off-Road Vehicles \$45,416.00 No MS11082 City of Long Beach Fleet Services 8/2/2012 12/1/2015 \$65,958.00 \$8,749.50 Retrofit Seven H.D. Off-Road Vehicles \$61,608.00 Yes ML11020 City of India \$4,000.00 \$6,000.00 \$6,000.00 \$6,000.00 Retrofit Seven H.D. Off-Road Vehicles \$61,608.00 Yes ML11024 County of Los Angeles Department \$4,000.00 \$1,000.00 \$9,749.50 Retrofit Sev				T	Life Date					Complete?
MS11080 Southern California Regional Rail Au 4/6/2012 7/31/2012 \$26,000.00 \$26,000.00 Metrolink Service to Auto Club Speedway \$0.00 Yes MS11086 DCL America Inc. 67/72013 10/6/2016 \$5500,000.00 \$359,076.96 Retrofit Eight I.D. Off-Road Vehicles Under \$140,923.04 Yes MS11087 Cemex Construction Material Pacific, 10/16/2012 2/15/2016 \$448,766.00 \$448,766.80 Retrofit Tight I.D. Off-Road Vehicles Under \$140,923.04 Yes MS11091 California Cartage Company, LLC 4/5/2013 8/4/2016 2/4/2018 \$55,000.00 \$0.00 Retrofit Tight I.D. Off-Road Vehicles Under \$55,000.00 No MS11092 Griffith Company 2/15/2013 6/14/2016 12/14/2017 \$390,521.00 \$78,750.00 Retrofit Tight I.D. Off-Road Vehicles Under \$55,000.00 No MS11092 Griffith Company 2/15/2013 6/14/2016 12/14/2017 \$390,521.00 \$78,750.00 Retrofit Tight I.D. Off-Road Vehicles Under \$55,000.00 No MS11092 Griffith Company 2/15/2013 6/14/2016 12/14/2017 \$390,521.00 \$78,750.00 Retrofit Tight I.D. Off-Road Vehicles Under \$55,000.00 No MS11064 City of Hawthorne 7/28/2012 8/27/2018 8/27/2019 \$175,000.00 \$0.00 Retrofit Tight I.D. Off-Road Vehicles Under \$175,000.00 No MS11061 Afteropolitan Stevedore Company 9/7/2012 1/6/2015 \$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 Four Off-Road Vehicles \$45,416.00 No MS11085 City of Long Beach Fleet Services 8/23/2013 12/22/2016 \$159,012.00 \$0.00 Retrofit Seven H.D. Off-Road Vehicles \$45,416.00 No MS11085 City of Long Beach Fleet Services 8/23/2013 12/22/2016 \$159,012.00 \$0.00 Retrofit Seven H.D. Off-Road Vehicles \$45,616.00 No MS11085 City of Indio 2/1/2013 3/31/2019 9/30/2020 \$15,000.00 \$9,749.50 Retrofit Seven H.D. Off-Road Vehicles \$0.00 Yes ML11023 City of Rancho Cucamonga 4/20/2012 12/19/2018 9/19/2020	-	0 ,				. ,	, ,	,		
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 \$448,760.00 Retrofit To H.D. Off-Road Vehicles Under \$5,000.00 No NS11091 California Cartage Company, LLC 4/5/2013 8/4/2016 2/4/2018 \$5,500.00 \$0.00 Retrofit To H.D. Off-Road Vehicles Under \$5,000.00 No NS11092 Griffith Company 2/15/2013 6/14/2016 2/4/2018 \$5,500.00 \$78,750.00 Retrofit To H.D. Off-Road Vehicles Under \$5,000.00 No No Total: 51		,	2/5/2013			\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11087 Cemex Construction Material Pacific, 10/16/2012 2/15/2016 \$448,766.00 \$448,766.00 \$448,766.00 \$448,766.00 \$450,000.00 \$5.20 Yes 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 Sh \$55,000.00 No MS11092 Griffith Company 2/15/2013 6/14/2016 12/14/2017 \$390,521.00 \$78,750.00 Retrofit Two H.D. Off-Road Vehicles Under Sh \$311,771.00 No Total: 51 Closed/Incomplete Contracts	MS11080	Southern California Regional Rail Au	4/6/2012	7/31/2012		\$26,000.00	\$26,000.00	Metrolink Service to Auto Club Speedway	\$0.00	Yes
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 Sh \$311,771.00 No 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 No Total: 51 Closed/Incomplete Contracts	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
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 No Total: 51	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
Total: 51 Closed/Incomplete Contracts	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
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 Metropolitian Stevedore Company 9/7/2012 1/6/2016 \$45,416.00 \$0.00 Install DECS on Two Off-Road Vehicles \$45,416.00 No MS11082 Baumot North America, LLC 8/2/2012 12/1/2015 \$65,958.00 \$4,350.00 Install DECS on Four Off-Road Vehicles \$61,608.00 Yes MS11085 City of Long Beach Fleet Services 8/23/2013 12/22/2016 \$159,012.00 \$0.00 Retrofit Seven H.D. Off-Road Vehicles Unde \$159,012.00 No Total: 5 Open/Complete Contracts WIL11020 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 MIL11023 City of Rancho Cucamonga 4/20/2012 12/19/2018 9/19/2020 \$260,000.00 \$9,749.50 Retrofit one H.D. Vehicles w/DECS, repower \$5,250.50 Yes MIL11024 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 MIL11025 County of Los Angeles Department or 3/14/2014 9/13/2021 \$150,000.00 \$150,000.00 Purchase 5 Nat. Gas H.D. Vehicles \$0.00 Yes MIL11032 City of Gardena 3/2/2012 9/1/2018 3/26/2011 \$670,000.00 \$102,500.00 Purchase 16-Lo. Vehicles \$0.00 Yes MIL11034 City of South Pasadena 5/4/2012 1/26/2019 3/26/2021 \$670,000.00 \$30,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 Yes MIL11045 City of South Pasadena 5/4/2012 1/3/2019 1/3/2022 \$30,000.00 \$244,651.86 Purchase 7 LPG H.D. Vehicle \$0.00 Yes MIL11045 City of South Pasadena 5/4/2012 1/3/2018 1/6/2021 \$30,000.00 \$30,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 Yes MIL11045 City of South Pasadena 5/4/2012 1/3/2019 1/3/2022 \$30,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00	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	No
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 Two Off-Road Vehicles \$45,416.00 Yes MS11085 City of Long Beach Fleet Services B 8/23/2013 12/22/2016 \$159,012.00 \$0.00 Retrofit Seven H.D. Off-Road Vehicles Unde \$159,012.00 No Total: 5 Open/Complete Contracts 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 ML11023 City of Rancho Cucamonga 4/20/2012 12/19/2018 9/19/2020 \$260,000.00 \$90,000.00 Expand Existing CNG Station, 2 H.D. Vehicle \$0.00 Yes 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 ML11025 County of Los Angeles Department o 3/4/2014 9/13/2021 \$102,500.00 \$150,000.00 Purchase 5 Nat. Gas H.D. Vehicles \$0.00 Yes ML11032 City of Gardena 3/2/2012 9/1/2018 10/1/2020 \$102,500.00 \$102,500.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 Yes ML11036 City of Riverside 1/27/2012 1/26/2019 3/26/2021 \$670,000.00 \$00,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 Yes ML11040 City of South Pasadena 5/4/2012 1/3/2018 1/6/2014 \$265,000.00 \$244,651.86 Purchase 7 LPG H.D. Vehicle \$0.00 Yes ML11045 City of Newport Beach 2/3/2012 8/2/2018 3/2/2021 \$30,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 Yes ML11045 City of Newport Beach 2/3/2012 8/2/2018 3/2/2021 \$30,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 Yes ML11045 City of	Total: 51									
MS11076 SA Recycling, LLC S/24/2012 9/23/2015 \$424,801.00 \$0.00 Retrofit of 13 Off-Road Diesel Vehicles with \$424,801.00 No MS11081 Metropolitan Stevedore Company 9/7/2012 1/6/2016 \$45,416.00 \$0.00 Install DECS on Two Off-Road Vehicles \$45,416.00 No MS11082 Baumot North America, LLC 8/2/2012 12/1/2015 \$65,958.00 \$4,350.00 Install DECS on Four Off-Road Vehicles \$61,608.00 Yes MS11085 City of Long Beach Fleet Services B 8/23/2013 12/22/2016 \$159,012.00 \$0.00 Retrofit Seven H.D. Off-Road Vehicles Unde \$159,012.00 No Total: 5 Open/Complete Contracts Value of Install Decs on Four Off-Road Vehicles Unde \$159,012.00 No Total: 5 Verification Ver	Closed/Inc	omplete Contracts								
MS11081 Metropolitan Stevedore Company 9/7/2012 1/6/2016 \$45,416.00 \$0.00 Install DECS on Two Off-Road Vehicles \$45,416.00 No MS11082 Baumot North America, LLC 8/2/2012 12/1/2015 \$65,958.00 \$4,350.00 Install DECS on Four Off-Road Vehicles \$61,608.00 Yes MS11085 City of Long Beach Fleet Services B 8/23/2013 12/22/2016 \$159,012.00 \$0.00 Retrofit Seven H.D. Off-Road Vehicles Unde \$159,012.00 No Total: 5 **Total: 5** **Open/Complete Contracts** **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 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. Vehicle \$0.00 Yes ML11025 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 ML11032 City of Gardena 3/2/2012 9/1/2018 10/1/2020 \$102,500.00 \$150,000.00 Purchase 5 Nat. Gas H.D. Vehicles \$0.00 Yes ML11036 City of Riverside 11/27/2012 1/26/2019 3/26/2021 \$670,000.00 \$102,500.00 Purchase 1 Nat. Gas H.D. Vehicle \$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 977/2012 1/16/2018 1/6/2021 \$265,000.00 \$244,651.86 Purchase 7 LPG H.D. Vehicle \$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 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 ML11045 City of Santa Ana 977/2012 1/16/2018 1/6/2021 \$265,000.00 \$30,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$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 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 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.	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
MS11082 Baumot North America, LLC 8/2/2012 12/12/2016 \$65,958.00 \$4,350.00 Install DECS on Four Off-Road Vehicles \$61,608.00 Yes MS11085 City of Long Beach Fleet Services B 8/23/2013 12/22/2016 \$159,012.00 \$0.00 Retrofit Seven H.D. Off-Road Vehicles Unde \$159,012.00 No Total: 5 **Total: 5** **Open/Complete Contracts** 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 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. Vehicle \$0.00 Yes ML11025 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 ML11032 City of Gardena 3/2/2012 9/1/2018 10/1/2020 \$150,000.00 \$150,000.00 Purchase 5 Nat. Gas H.D. Vehicles \$0.00 Yes ML11032 City of Gardena 3/2/2012 9/1/2018 10/1/2020 \$102,500.00 \$102,500.00 Purchase Heavy-Duty CNG Vehicle, Install \$0.00 Yes ML11036 City of Riverside 1/27/2012 1/26/2019 3/26/2021 \$670,000.00 \$30,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 Yes ML11040 City of South Pasadena 5/4/2012 1/3/2019 1/3/2022 \$30,000.00 \$244,651.86 Purchase 7 LPG H.D. Vehicles, Retrofit 6 H. \$20,348.14 Yes ML11045 City of Newport Beach 2/3/2012 8/2/2018 3/2/2021 \$30,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 Yes ML11045 City of Newport Beach 2/3/2012 8/2/2018 3/2/2021 \$30,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 Yes	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
MS11085 City of Long Beach Fleet Services B 8/23/2013 12/22/2016 \$159,012.00 \$0.00 Retrofit Seven H.D. Off-Road Vehicles Unde \$159,012.00 No Total: 5 Open/Complete Contracts	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
Total: 5 Sopen/Complete Contracts Sopen/Contracts	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
Open/Complete Contracts 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 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. Vehicle \$0.00 Yes 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 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 ML11032 City of Gardena 3/2/2012 9/1/2018 10/1/2020 \$102,500.00 Purchase 5 Nat. Gas H.D. Vehicle, Install \$0.00 Yes ML11036 City of Riverside 1/27/2012 1/26/2019 3/26/2021 \$670,000.00 \$102,500.00 Purchase Heavy-Duty CNG Vehicle, Install \$0.00 Yes ML11040 City of South Pasadena 5/4/2012 <t< td=""><td>MS11085</td><td>City of Long Beach Fleet Services B</td><td>8/23/2013</td><td>12/22/2016</td><td></td><td>\$159,012.00</td><td>\$0.00</td><td>Retrofit Seven H.D. Off-Road Vehicles Unde</td><td>\$159,012.00</td><td>No</td></t<>	MS11085	City of Long Beach Fleet Services B	8/23/2013	12/22/2016		\$159,012.00	\$0.00	Retrofit Seven H.D. Off-Road Vehicles Unde	\$159,012.00	No
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 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. Vehicle \$0.00 Yes 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 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 ML11032 City of Gardena 3/2/2012 9/1/2018 10/1/2020 \$102,500.00 Purchase Heavy-Duty CNG Vehicle, Install \$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 ML11040 City of South Pasadena 5/4/2012 1/3/2019 1/3/2022 \$30,000.00	Total: 5									
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 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 ML11025 County of Los Angeles Department o 3/14/2014 9/13/2021 \$150,000.00 Purchase 5 Nat. Gas H.D. Vehicles \$0.00 Yes ML11032 City of Gardena 3/2/2012 9/1/2018 10/1/2020 \$102,500.00 Purchase Heavy-Duty CNG Vehicle, Install \$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 ML11040 City of South Pasadena 5/4/2012 1/3/2019 1/3/2022 \$30,000.00 \$244,651.86 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 Yes ML11041 City of Newport Beach 2/3/2012 8/2/2018 3/2/2021 \$30,000.00 \$30,000.00 <	Open/Comp	plete 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 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 ML11032 City of Gardena 3/2/2012 9/1/2018 10/1/2020 \$102,500.00 Purchase 5 Nat. Gas H.D. Vehicle, Install \$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 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 ML11045 City of Newport Beach 2/3/2012 8/2/2018 3/2/2021 \$30,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 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
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 ML11032 City of Gardena 3/2/2012 9/1/2018 10/1/2020 \$102,500.00 Purchase 5 Nat. Gas H.D. Vehicles \$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 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 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	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
ML11032 City of Gardena 3/2/2012 9/1/2018 10/1/2020 \$102,500.00 Purchase Heavy-Duty CNG Vehicle, Install \$0.00 Yes ML11036 City of Riverside 1/27/2012 1/26/2019 3/26/2021 \$670,000.00 Foro,000.00 Install New CNG Station, Purchase 9 H.D. N \$0.00 Yes ML11040 City of South Pasadena 5/4/2012 1/3/2019 1/3/2022 \$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 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	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
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 ML11040 City of South Pasadena 5/4/2012 1/3/2019 1/3/2022 \$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 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	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
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 ML11045 City of Newport Beach 2/3/2012 8/2/2018 3/2/2021 \$30,000.00 Purchase 1 Nat. Gas H.D. Vehicle \$0.00 Yes	ML11032	City of Gardena	3/2/2012	9/1/2018	10/1/2020	\$102,500.00	\$102,500.00	Purchase Heavy-Duty CNG Vehicle, Install	\$0.00	Yes
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 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	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
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	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
7.7	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
MS11073 Los Angeles Unified School District 9/11/2015 2/10/2022 \$175,000.00 \$175,000.00 Expansion of Existing CNG Station \$0.00 Yes	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
	MS11073	Los Angeles Unified School District	9/11/2015	2/10/2022		\$175,000.00	\$175,000.00	Expansion of Existing CNG Station	\$0.00	Yes

Total: 10

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									
ML12014	City of Santa Ana	11/8/2013	8/7/2020	8/7/2021	\$338,000.00	\$4,709.00	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$333,291.00	No
ML12043	City of Hemet	6/24/2013	9/23/2019	11/23/2021	\$30,000.00	\$0.00	One Heavy-Duty Nat. Gas Vehicles	\$30,000.00	No
ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	6/13/2025	\$400,000.00	\$0.00	Install New CNG Station	\$400,000.00	No
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	No
ML12090	City of Palm Springs	10/9/2015	10/8/2021	9/8/2025	\$21,163.00	\$0.00	EV Charging Infrastructure	\$21.163.00	No
ML12091	City of Bellflower	10/5/2018	10/4/2019	12/30/2020	\$100,000.00	\$0.00	EV Charging Infrastructure	\$100,000.00	No
Total: 6		10/0/2010	. 0, ., 20.0	12/00/2020	Ψ.σσ,σσσ.σσ	ψ0.00	Changing immuotiation	ψ.ου,ουσ.ου	
	ancelled 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					· · ·				
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
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
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

	_		Original	Amended End Date	Contract Value			Award Balance	Billing
Cont.#	Contractor	Start Date	End Date			Remitted	Project Description		Complete?
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
ML12055	City of Manhattan Beach	3/1/2013	12/31/2018		\$10,000.00	\$10,000.00	One Medium-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger 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
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
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
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
MS12035	Disneyland Resort	1/4/2013	7/3/2019		\$25,000.00	\$18,900.00	Purchase 1 Medium-Heavy Duty Vehicle	\$6,100.00	Yes
MS12036	Jim & Doug Carter's Automotive/VS	1/4/2013	11/3/2018		\$50,000.00	\$50,000.00	Purchase 2 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12058	Krisda Inc	4/24/2013	1/23/2019		\$25,000.00	\$25,000.00	Repower One Heavy-Duty Off-Road Vehicle	\$0.00	Yes
MS12059	Orange County Transportation Autho	2/28/2013	12/27/2014		\$75,000.00	\$75,000.00	Maintenance Facilities Modifications	\$0.00	Yes
MS12060	City of Santa Monica	4/4/2014	8/3/2017	8/3/2019	\$500,000.00	\$434,202.57	Implement Westside Bikeshare Program	\$65,797.43	No
MS12061	Orange County Transportation Autho	3/14/2014	3/13/2017		\$224,000.00	\$114,240.00	Transit-Oriented Bicycle Sharing Program	\$109,760.00	Yes
MS12062	Fraser Communications	12/7/2012	5/31/2014		\$998,669.00	\$989,218.49	Develop & Implement "Rideshare Thursday"	\$9,450.51	Yes
MS12063	Custom Alloy Light Metals, Inc.	8/16/2013	2/15/2020		\$100,000.00	\$100,000.00	Install New Limited Access CNG Station	\$0.00	Yes
MS12064	Anaheim Transportation Network	3/26/2013	12/31/2014		\$127,296.00	\$56,443.92	Implement Anaheim Circulator Service	\$70,852.08	Yes
MS12065	Orange County Transportation Autho	7/27/2013	11/30/2013		\$43,933.00	\$14,832.93	Ducks Express Service to Honda Center	\$29,100.07	Yes
MS12068	Southern California Regional Rail Au	3/1/2013	9/30/2013		\$57,363.00	\$47,587.10	Implement Metrolink Service to Autoclub Sp	\$9,775.90	Yes
MS12069	City of Irvine	8/11/2013	2/28/2014		\$45,000.00	\$26,649.41	Implement Special Transit Service to Solar	\$18,350.59	Yes
MS12071	Transit Systems Unlimited, Inc.	5/17/2013	12/16/2018		\$21,250.00	\$21,250.00	Expansion of Existing CNG Station	\$0.00	Yes
MS12072	99 Cents Only Stores	4/5/2013	9/4/2019		\$100,000.00	\$100,000.00	Construct New CNG Station	\$0.00	Yes
MS12073	FirstCNG, LLC	7/27/2013	12/26/2019		\$150,000.00	\$150,000.00	Construct New CNG Station	\$0.00	Yes
MS12074	Arcadia Unified School District	7/5/2013	9/4/2019		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12076	City of Ontario, Housing & Municipal	3/8/2013	4/7/2015		\$75,000.00	\$75,000.00	Maintenance Facilities Modification	\$0.00	Yes

Cont.# MS12078	Contractor	0		Amended	Contract			Award	Billing
MS12078		Start Date	End Date	End Date	Value	Remitted	Project Description	Balance	Complete?
111012010	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$73,107.00	Maintenance Facility Modifications - Vernon	\$1,893.00	Yes
MS12081	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$75,000.00	Maintenance Facility Modifications - Santa A	\$0.00	Yes
MS12085	Bear Valley Unified School District	4/25/2013	6/24/2014		\$75,000.00	\$75,000.00	Maintenance Facility Modifications	\$0.00	Yes
MS12086	SuperShuttle International, Inc.	3/26/2013	3/25/2019		\$225,000.00	\$225,000.00	Purchase 23 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12087	Los Angeles County MTA	8/29/2013	11/28/2015		\$125,000.00	\$125,000.00	Implement Rideshare Incentives Program	\$0.00	Yes
MS12088	Orange County Transportation Autho	12/6/2013	3/5/2016		\$125,000.00	\$18,496.50	Implement Rideshare Incentives Program	\$106,503.50	Yes
MS12089	Riverside County Transportation Co	10/18/2013	9/17/2015		\$249,136.00	\$105,747.48	Implement Rideshare Incentives Program	\$143,388.52	No
MS12Hom	Mansfield Gas Equipment Systems				\$296,000.00	\$0.00	Home Refueling Apparatus Incentive Progra	\$296,000.00	No
Total: 57			<u> </u>						
Closed/Incom	mplete 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/Comple	lete Contracts								
ML12015	City of Fullerton	4/25/2013	11/24/2020	11/24/2021	\$40,000.00	\$40,000.00	HD CNG Vehicle, Expand CNG Station	\$0.00	Yes
ML12017	City of Los Angeles, Bureau of Sanit	6/26/2013	5/25/2020	11/25/2021	\$950,000.00	\$950,000.00	32 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12018	City of West Covina	10/18/2013	10/17/2020	8/17/2023	\$300,000.00	\$300,000.00	Expansion of Existing CNG Station	\$0.00	Yes
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
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
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
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
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	No
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	No
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	No
MS12080	City of Pasadena	11/8/2013	8/7/2020	2/7/2022	\$225,000.00	\$225,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12082	City of Los Angeles, Bureau of Sanit	11/20/2013	2/19/2021	2/19/2023	\$175,000.00	\$175,000.00	Install New CNG Infrastructure	\$0.00	Yes
MS12083	Brea Olinda Unified School District	7/30/2015	2/29/2024		\$59,454.00	\$59,454.00	Install New CNG Infrastructure	\$0.00	Yes

Total: 13

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 Cont									
ML14012	City of Santa Ana	2/13/2015	10/12/2021		\$244,000.00	\$0.00	EV Charging and 7 H.D. LPG Vehicles	\$244,000.00	No
ML14018	City of Los Angeles Dept of General	3/6/2015	9/5/2021	5/5/2025	\$810,000.00	\$720,000.00	Purchase 27 H.D. Nat. Gas Vehicles	\$90,000.00	No
ML14021	Riverside County Regional Park and	7/24/2014	12/23/2016	9/30/2020	\$250,000.00	\$0.00	Bicycle Trail Improvements	\$250,000.00	No
ML14023	County of Los Angeles Department o	10/2/2015	9/1/2017	9/1/2020	\$230,000.00	\$0.00	Maintenance Fac. Modifications-Westcheste	\$230,000.00	No
ML14024	County of Los Angeles Department o	10/2/2015	9/1/2017	9/1/2020	\$230,000.00	\$0.00	Maintenance Fac. Modifications-Baldwin Par	\$230,000.00	No
ML14027	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	12/1/2025	\$500,000.00	\$0.00	Construct New CNG Station in Canyon Coun	\$500,000.00	No
ML14030	County of Los Angeles Internal Servi	1/9/2015	3/8/2018	1/8/2021	\$425,000.00	\$25,000.00	Bicycle Racks, Outreach & Education	\$400,000.00	No
ML14069	City of Beaumont	3/3/2017	3/2/2025		\$200,000.00	\$0.00	Construct New CNG Infrastructure	\$200,000.00	No
ML14072	City of Cathedral City	8/13/2014	1/12/2021	7/12/2022	\$66,000.00	\$35,089.03	Install EV Charging, Bike Racks & Education	\$30,910.97	No
ML14097	County of Los Angeles Internal Servi	9/6/2019	9/5/2020		\$104,400.00	\$0.00	Electric Vehicle Charging Infrastructure	\$104,400.00	No
MS14037	Penske Truck Leasing Co., L.P.	4/7/2017	6/6/2020		\$75,000.00	\$67,500.00	Vehicle Maint. Fac. Modifications - Carson	\$7,500.00	No
MS14057	Los Angeles County MTA	11/7/2014	10/6/2019	10/6/2023	\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14059	Riverside County Transportation Co	9/5/2014	3/4/2018	3/4/2022	\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14072	San Bernardino County Transportatio	3/27/2015	3/26/2018	3/26/2022	\$1,250,000.00	\$887,566.17	Implement Various Signal Synchronization P	\$362,433.83	No
MS14079	Waste Resources, Inc.	9/14/2016	8/13/2022	2/13/2024	\$100,000.00	\$0.00	New Limited Access CNG Station	\$100,000.00	No
MS14083	Hacienda La Puente Unified School	7/10/2015	3/9/2022		\$175,000.00	\$0.00	New Limited Access CNG Station	\$175,000.00	No
Total: 16			1	1					-11-
Declined/C	ancelled Contracts								
ML14063	City of Hawthorne				\$32,000.00	\$0.00	Expansion of Existing 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
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: 10				•		•			-
Closed Co.	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML14029	City of Irvine	7/11/2014	6/10/2017		\$90,500.00	\$71,056.78	Bicycle Trail Improvements	\$19,443.22	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
ML14065	City of Orange	9/5/2014	8/4/2015		\$10,000.00	\$10,000.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML14070	City of Rancho Cucamonga	9/3/2016	12/2/2018		\$365,245.00	\$326,922.25	Bicycle Trail Improvements	\$38,322.75	Yes
ML14071	City of Manhattan Beach	1/9/2015	11/8/2018		\$22,485.00	\$22,485.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML14094	City of Yucaipa	6/9/2017	6/8/2018		\$84,795.00	\$84,795.00	Installation of Bicycle Lanes	\$0.00	Yes
ML14095	City of South Pasadena	1/10/2019	7/9/2019		\$142,096.00	\$134,182.09	Bicycle Trail Improvements	\$7,913.91	Yes
ML14096	County of Los Angeles Dept of Pub	5/3/2019	12/2/2019	3/2/2020	\$74,186.00	\$74,186.00	San Gabriel BikeTrail Underpass Improveme	\$0.00	Yes
MS14001	Los Angeles County MTA	3/6/2015	4/30/2015		\$1,216,637.00	\$1,199,512.68	Clean Fuel Transit Service to Dodger Stadiu	\$17,124.32	Yes
MS14002	Orange County Transportation Autho	9/6/2013	4/30/2014		\$576,833.00	\$576,833.00	Clean Fuel Transit Service to Orange Count	\$0.00	Yes
MS14003	Orange County Transportation Autho	8/1/2013	4/30/2014	10/30/2014	\$194,235.00	\$184,523.00	Implement Metrolink Service to Angel Stadiu	\$9,712.00	Yes
MS14004	Orange County Transportation Autho	9/24/2013	4/30/2014		\$36,800.00	\$35,485.23	Implement Express Bus Service to Solar De	\$1,314.77	Yes
MS14005	Transit Systems Unlimited, Inc.	4/11/2014	2/28/2016		\$515,200.00	\$511,520.00	Provide Expanded Shuttle Service to Hollyw	\$3,680.00	Yes
MS14007	Orange County Transportation Autho	6/6/2014	4/30/2015		\$208,520.00	\$189,622.94	Implement Special Metrolink Service to Ang	\$18,897.06	Yes
MS14008	Orange County Transportation Autho	8/13/2014	5/31/2015		\$601,187.00	\$601,187.00	Implement Clean Fuel Bus Service to Orang	\$0.00	Yes
MS14009	A-Z Bus Sales, Inc.	1/17/2014	12/31/2014	3/31/2015	\$388,000.00	\$388,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
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
MS14047	Southern California Regional Rail Au	3/7/2014	9/30/2014		\$49,203.00	\$32,067.04	Special Metrolink Service to Autoclub Speed	\$17,135.96	Yes
MS14048	BusWest	3/14/2014	12/31/2014	5/31/2015	\$940,850.00	\$847,850.00	Alternative Fuel School Bus Incentive Progra	\$93,000.00	Yes
MS14058	Orange County Transportation Autho	11/7/2014	4/6/2016	4/6/2017	\$1,250,000.00	\$1,250,000.00	Implement Various Signal Synchronization P	\$0.00	Yes
MS14073	Anaheim Transportation Network	1/9/2015	4/30/2017		\$221,312.00	\$221,312.00	Anaheim Resort Circulator Service	\$0.00	Yes
MS14087	Orange County Transportation Autho	8/14/2015	4/30/2016		\$239,645.00	\$195,377.88	Implement Special Metrolink Service to Ang	\$44,267.12	Yes
MS14088	Southern California Regional Rail Au	5/7/2015	9/30/2015		\$79,660.00	\$66,351.44	Special Metrolink Service to Autoclub Speed	\$13,308.56	Yes
MS14089	Top Shelf Consulting, LLC	1/18/2017	8/4/2016	3/31/2017	\$200,000.00	\$200,000.00	Enhanced Fleet Modernization Program	\$0.00	Yes
Total: 33									
Closed/Inco	omplete Contracts								

Closed/Inco	omplete Contracts								
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Open/Comp	olete 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
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
ML14019	City of Corona Public Works	12/5/2014	6/4/2020	3/6/2023	\$111,518.00	\$111,517.18	EV Charging, Bicycle Racks, Bicycle Locker	\$0.82	Yes
ML14022	County of Los Angeles Department o	10/2/2015	5/1/2022		\$270,000.00	\$270,000.00	Purchase 9 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14025	County of Los Angeles Dept of Publi	10/2/2015	7/1/2018	7/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Malibu	\$0.00	Yes
ML14026	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Castaic	\$0.00	Yes
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$126,950.00	Expansion of Exisiting CNG Infrastructure	\$0.00	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
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
ML14061	City of La Habra	3/11/2016	3/10/2022		\$41,600.00	\$41,270.49	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$329.51	Yes
ML14062	City of San Fernando	3/27/2015	5/26/2021	10/31/2023	\$325,679.00	\$325,679.00	Expand Existing CNG Fueling Station	\$0.00	Yes
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
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
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
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	No
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
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
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
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	No
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	No
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
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
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

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	racts								
ML16006	City of Cathedral City	4/27/2016	4/26/2022		\$25,000.00	\$0.00	Bicycle Outreach	\$25,000.00	No
ML16007	City of Culver City Transportation De	10/6/2015	4/5/2023		\$246,000.00	\$210,000.00	Purchase 7 H.D. Nat. Gas Vehicles, EV Cha	\$36,000.00	No
ML16008	City of Pomona	9/20/2016	11/19/2022	5/19/2025	\$60,000.00	\$0.00	Purchase 3 Medium-Duty and 1 Heavy-Duty	\$60,000.00	No
ML16010	City of Fullerton	10/7/2016	4/6/2023	4/6/2024	\$78,222.00	\$27,896.71	Expand Existing CNG Station, EV Charging I	\$50,325.29	No
ML16017	City of Long Beach	2/5/2016	8/4/2023	1/4/2026	\$1,445,400.00	\$1,320,400.00	Purchase 50 Medium-Duty, 17 H.D. Nat. Ga	\$125,000.00	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	9/4/2025	\$360,000.00	\$0.00	Purchase 12 H.D. Nat. Gas Vehicles	\$360,000.00	No
ML16025	City of South Pasadena	6/22/2016	4/21/2023	10/21/2024	\$160,000.00	\$0.00	Purchase H.D. Nat. Gas Vehicle, Expand Ex	\$160,000.00	No
ML16032	City of Azusa	9/9/2016	4/8/2019	7/8/2020	\$474,925.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$474,925.00	No
ML16034	City of Riverside	3/11/2016	10/10/2018	7/10/2020	\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16038	City of Palm Springs	4/1/2016	7/31/2022	9/30/2022	\$170,000.00	\$0.00	Install Bicycle Lanes & Purchase 2 Heavy-D	\$170,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022	9/5/2023	\$32,000.00	\$0.00	Install EV Charging Infrastructure	\$32,000.00	No
ML16040	City of Eastvale	1/6/2017	7/5/2022	7/5/2026	\$110,000.00	\$0.00	Install EV Charging Infrastructure	\$110,000.00	No
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	7/2/2023	\$20,000.00	\$0.00	Install EV Charging Infrastructure	\$20,000.00	No
ML16042	City of San Dimas	4/1/2016	12/31/2019	12/31/2021	\$55,000.00	\$0.00	Install EV Charging Infrastructure	\$55,000.00	No
ML16046	City of El Monte	4/1/2016	5/31/2021	5/31/2023	\$20,160.00	\$0.00	Install EV Charging Infrastructure	\$20,160.00	No
ML16047	City of Fontana	1/6/2017	8/5/2019	8/5/2021	\$500,000.00	\$0.00	Enhance an Existing Class 1 Bikeway	\$500,000.00	No
ML16048	City of Placentia	3/26/2016	5/25/2021	6/25/2022	\$90,000.00	\$18,655.00	Install a Bicycle Locker and EV Charging Infr	\$71,345.00	No
ML16052	City of Rancho Cucamonga	9/3/2016	11/2/2019	9/30/2020	\$315,576.00	\$0.00	Install Two Class 1 Bikeways	\$315,576.00	No
ML16053	City of Claremont	3/11/2016	7/10/2018	12/10/2020	\$498,750.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$498,750.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2021	\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	No
ML16070	City of Beverly Hills	2/21/2017	6/20/2023		\$90,000.00	\$0.00	Purchase 3 H.D. Nat. Gas Vehicles	\$90,000.00	No
ML16071	City of Highland	5/5/2017	1/4/2020	1/4/2022	\$264,500.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$264,500.00	No
ML16075	City of San Fernando	10/27/2016	2/26/2019	2/26/2021	\$354,000.00	\$0.00	Install a Class 1 Bikeway	\$354,000.00	No
ML16077	City of Rialto	5/3/2018	10/2/2021	2/2/2023	\$463,216.00	\$158,105.51	Pedestrian Access Improvements, Bicycle L	\$305,110.49	No
ML16083	City of El Monte	4/1/2016	4/30/2021	4/30/2023	\$57,210.00	\$0.00	Install EV Charging Infrastructure	\$57,210.00	No
ML16126	City of Palm Springs	7/31/2019	7/30/2020	10/30/2020	\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycle	\$40,000.00	No
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	No
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$530,127.84	Freeway Service Patrols	\$270,497.16	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
MS16094	Riverside County Transportation Co	1/25/2017	1/24/2022		\$1,909,241.00	\$0.00	MetroLink First Mile/Last Mile Mobility Strate	\$1,909,241.00	No
MS16096	San Bernardino County Transportatio	10/27/2016	12/26/2019	6/30/2021	\$450,000.00	\$0.00	EV Charging Infrastructure	\$450,000.00	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS16117	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
MS16118	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
MS16119	Omnitrans	4/21/2017	8/20/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS16120	Omnitrans	4/7/2017	5/6/2025		\$945,000.00	\$0.00	Repower 63 Existing Buses	\$945,000.00	No
MS16121	Long Beach Transit	11/3/2017	4/2/2024	11/30/2026	\$600,000.00	\$14,250.00	Repower 39 and Purchase 1 New Transit Bu	\$585,750.00	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
MS16124	Riverside County Transportation Co	12/14/2018	12/14/2019	5/14/2020	\$253,239.00	\$226,551.89	Extended Freeway Service Patrols	\$26,687.11	No
MS16125	San Bernardino County Transportatio	9/20/2019	11/19/2020		\$1,000,000.00	\$0.00	Traffic Signal Synchronization Projects	\$1,000,000.00	No
Total: 42			1	II.				1	<u> </u>
Declined/Ca	ancelled 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	Athens Services				\$100,000.00	\$0.00	Construct a Limited-Access CNG Station	\$100,000.00	No
MS16108	VNG 5703 Gage Avenue, LLC				\$150,000.00	\$0.00	Construct Public-Access CNG Station in Bell	\$150,000.00	No
MS16109	Sanitation Districts of Los Angeles C				\$275,000.00	\$0.00	Expansion of an Existing L/CNG Station	\$275,000.00	No
MS16111	VNG 925 Lakeview Avenue, LLC				\$150,000.00	\$0.00	Construct Public Access CNG Station in Pla	\$150,000.00	No
Total: 13									
Closed Con	ntracts								
ML16009	City of Fountain Valley	10/6/2015	2/5/2018	5/5/2019	\$46,100.00	\$46,100.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$0.00	No
ML16020	City of Pomona	4/1/2016	2/1/2018	8/1/2018	\$440,000.00	\$440,000.00	Install Road Surface Bicycle Detection Syste	\$0.00	Yes
ML16026	City of Downey	5/6/2016	9/5/2017		\$40,000.00	\$40,000.00	Install EV Charging Infrastructure	\$0.00	No
ML16028	City of Azusa	9/9/2016	4/8/2018		\$25,000.00	\$25,000.00	Enhance Existing Class 1 Bikeway	\$0.00	Yes
ML16031	City of Cathedral City	12/19/2015	2/18/2017		\$25,000.00	\$25,000.00	Street Sweeping in Coachella Valley	\$0.00	Yes
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
ML16035	City of Wildomar	4/1/2016	11/1/2017		\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	No
ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$500,000.00	Install a Class 1 Bikeway	\$0.00	Yes
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$255,595.08	Maintenance Facility Modifications	\$19,404.92	Yes
ML16049	City of Buena Park	4/1/2016	11/30/2018		\$429,262.00	\$429,262.00	Installation of a Class 1 Bikeway	\$0.00	Yes
ML16051	City of South Pasadena	2/12/2016	1/11/2017	12/11/2017	\$320,000.00	\$258,691.25	Implement "Open Streets" Event with Variou	\$61,308.75	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML16060	City of Cudahy	2/5/2016	10/4/2017		\$73,910.00	\$62,480.00	Implement an "Open Streets" Event	\$11,430.00	Yes
ML16061	City of Murrieta	4/27/2016	1/26/2020		\$11,642.00	\$9,398.36	Installation of EV Charging Infrastructure	\$2,243.64	Yes
ML16062	City of Colton	6/3/2016	7/2/2020		\$21,003.82	\$21,003.82	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16064	County of Orange, OC Parks	2/21/2017	10/20/2018		\$204,073.00	\$157,632.73	Implement "Open Streets" Events with Vario	\$46,440.27	Yes
ML16066	City of Long Beach Public Works	1/13/2017	9/12/2018		\$75,050.00	\$63,763.62	Implement an "Open Streets" Event	\$11,286.38	Yes
ML16068	Riverside County Dept of Public Heal	12/2/2016	8/1/2018		\$171,648.00	\$171,648.00	Implement "Open Streets" Events with Vario	\$0.00	Yes
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
ML16078	City of Moreno Valley	5/6/2016	11/5/2017	5/5/2018	\$32,800.00	\$31,604.72	Install Bicycle Infrastructure & Implement Bi	\$1,195.28	Yes
ML16079	City of Yucaipa	4/1/2016	3/31/2020		\$5,000.00	\$5,000.00	Purchase Electric Lawnmower	\$0.00	Yes
ML16122	City of Wildomar	6/8/2018	6/7/2019		\$500,000.00	\$500,000.00	Install Bicycle Lanes	\$0.00	Yes
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
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	No
MS16085	Southern California Regional Rail Au	3/11/2016	9/30/2016		\$78,033.00	\$64,285.44	Special MetroLink Service to Autoclub Spee	\$13,747.56	No
MS16089	Orange County Transportation Autho	7/8/2016	4/30/2017		\$128,500.00	\$128,500.00	Implement Special Bus Service to Angel Sta	\$0.00	Yes
MS16092	San Bernardino County Transportatio	2/3/2017	1/2/2019		\$242,937.00	\$242,016.53	Implement a Series of "Open Streets" Event	\$920.47	Yes
MS16093	Orange County Transportation Autho	9/3/2016	3/2/2018	9/2/2018	\$1,553,657.00	\$1,499,575.85	Implement a Mobile Ticketing System	\$54,081.15	Yes
MS16095	Orange County Transportation Autho	7/22/2016	5/31/2017		\$694,645.00	\$672,864.35	Implement Special Bus Service to Orange C	\$21,780.65	Yes
MS16099	Foothill Transit	3/3/2017	3/31/2017		\$50,000.00	\$50,000.00	Provide Special Bus Service to the Los Ange	\$0.00	Yes
MS16100	Southern California Regional Rail Au	5/5/2017	9/30/2017		\$80,455.00	\$66,169.43	Provide Metrolink Service to Autoclub Speed	\$14,285.57	Yes
Total: 36									
Closed/Inco	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
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
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: 3				•					
Open/Comp	olete Contracts								
ML16011	City of Claremont	10/6/2015	6/5/2022		\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16012	City of Carson	1/15/2016	10/14/2022		\$60,000.00	\$60,000.00	Purchase 2 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16013	City of Monterey Park	12/4/2015	7/3/2022	7/3/2024	\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16016	City of Los Angeles Dept of General	2/5/2016	12/4/2022		\$630,000.00	\$630,000.00	Purchase 21 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16019	City of Los Angeles, Dept of General	1/25/2017	3/24/2023		\$102,955.00	\$102,955.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$49,399.00	Install EV Charging Infrastructure	\$1.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16023	City of Banning	12/11/2015	12/10/2021		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16024	City of Azusa	4/27/2016	2/26/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16027	City of Whittier	1/8/2016	11/7/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16037	City of Rancho Cucamonga	2/5/2016	11/4/2022		\$30,000.00	\$30,000.00	Purchase One Heavy-Duty Natural Gas Vehi	\$0.00	Yes
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	No
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
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
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	No
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	No
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
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
ML16076	City of San Fernando	2/21/2017	8/20/2021		\$43,993.88	\$43,993.88	Install EV Charging Infrastructure	\$0.00	Yes
MS16081	EDCO Disposal Corporation	3/4/2016	10/3/2022		\$150,000.00	\$150,000.00	Expansion of Existing Public Access CNG St	\$0.00	Yes
MS16087	Burrtec Waste & Recycling Services,	7/8/2016	3/7/2023		\$100,000.00	\$100,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS16088	Transit Systems Unlimited, Inc.	5/12/2017	1/11/2023		\$17,000.00	\$17,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS16097	Walnut Valley Unified School District	10/7/2016	11/6/2022		\$250,000.00	\$250,000.00	Expand CNG Station & Modify Maintenance	\$0.00	Yes
MS16102	Nasa Services, Inc.	2/21/2017	4/20/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	No
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	No
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	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2010	6-2018 Contracts								
Open Cont									
ML18020	City of Colton	5/3/2018	4/2/2024		\$67,881.00	\$35,667.00	Purchase One Medium-Duty and One Heavy	\$32,214.00	No
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020	1/2/2021	\$50,000.00	\$0.00	Traffic Signal and Synchronization Project	\$50,000.00	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		\$73,930.00	\$0.00	Install EVSE, Purchase up to 2-LD Vehicles	\$73,930.00	No
ML18032	City of Arcadia	2/1/2019	4/30/2025		\$24,650.00	\$0.00	Purchase 1 Heavy-Duty Near-ZEV	\$24,650.00	No
ML18034	City of Calabasas	6/8/2018	3/7/2022	3/7/2023	\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18036	City of Indian Wells	8/8/2018	5/7/2023		\$50,000.00	\$0.00	Install EV Charging Station	\$50,000.00	No
ML18038	City of Anaheim	10/5/2018	5/4/2025	5/4/2026	\$221,500.00	\$84,363.27	Purchase 5 Light-Duty ZEVs and Install EVS	\$137,136.73	No
ML18039	City of Redlands	6/28/2018	7/27/2024	1/27/2025	\$87,000.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$87,000.00	No
ML18041	City of West Hollywood	8/8/2018	12/7/2023		\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18043	City of Yorba Linda	9/7/2018	12/6/2023		\$87,990.00	\$0.00	Install EV Charging Infrastructure	\$87,990.00	No
ML18044	City of Malibu	8/8/2018	10/7/2022	10/7/2023	\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18046	City of Santa Ana	11/9/2018	7/8/2026		\$385,000.00	\$0.00	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$385,000.00	No
ML18047	City of Whittier	8/8/2018	4/7/2026		\$113,910.00	\$45,564.00	Purchase 5 Heavy-Duty Near-Zero Emission	\$68,346.00	No
ML18050	City of Irvine	9/7/2018	8/6/2028		\$330,490.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$330,490.00	No
ML18051	City of Rancho Cucamonga	3/1/2019	10/31/2025		\$227,040.00	\$0.00	Purchase 9 Light-Duty ZEVs, 2 Med-Duty Z	\$227,040.00	No
ML18053	City of Paramount	9/7/2018	3/6/2023		\$64,675.00	\$0.00	Install EV Charging Infrastructure	\$64,675.00	No
ML18055	City of Long Beach Fleet Services B	11/29/2018	11/28/2026		\$622,220.00	\$99,290.91	Install EV Charging Stations	\$522,929.09	No
ML18056	City of Chino	3/29/2019	9/28/2023		\$103,868.00	\$0.00	Install EV Charging Infrastructure	\$103,868.00	No
ML18057	City of Carson	10/5/2018	7/4/2023		\$106,250.00	\$50,000.00	Purchase 5 Zero-Emission Vehicles and Infr	\$56,250.00	No
ML18058	City of Perris	10/12/2018	11/11/2024		\$94,624.00	\$0.00	Purchase 1 Med. H.D. ZEV and EV Chargin	\$94,624.00	No
ML18059	City of Glendale Water & Power	2/1/2019	7/31/2026		\$260,500.00	\$0.00	Install Electric Vehicle Charging Infrastructur	\$260,500.00	No
ML18060	County of Los Angeles Internal Servi	10/5/2018	8/4/2026		\$1,367,610.00	\$0.00	Purchase 29 Light-Duty Zero Emission Vehi	\$1,367,610.00	No
ML18063	City of Riverside	6/7/2019	1/6/2027		\$383,610.00	\$0.00	Expand Existing CNG Station	\$383,610.00	No
ML18064	City of Eastvale	11/29/2018	4/28/2026		\$80,400.00	\$28,457.43	Purchase 2 Light-Duty, One Medium-Duty. Z	\$51,942.57	No
ML18067	City of Pico Rivera	9/7/2018	11/6/2022		\$83,500.00	\$0.00	Instal EVSE	\$83,500.00	No
ML18068	City of Mission Viejo	7/31/2019	6/30/2027		\$125,690.00	\$10,000.00	Purchase 2 Light-Duty ZEVs, Install EVSE &	\$115,690.00	No
ML18069	City of Torrance	3/1/2019	7/31/2027		\$187,400.00	\$0.00	Purchase 4 Heavy-Duty Near-Zero Emission	\$187,400.00	No
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	No
ML18078	County of Riverside	10/5/2018	10/4/2028		\$425,000.00	\$175,000.00	Purchase 17 Heavy-Duty Vehicles	\$250,000.00	No
ML18080	City of Santa Monica	1/10/2019	12/9/2023		\$121,500.00	\$14,748.62	Install EV Charging Stations	\$106,751.38	No
ML18081	City of Beaumont	10/5/2018	10/4/2022	10/4/2023	\$31,870.00	\$0.00	EV Charging Infrastructure	\$31,870.00	No
ML18082	City of Los Angeles Bureau of Sanita	8/30/2019	8/29/2028		\$900,000.00	\$0.00	Purchase Medium-Duty Vehicles and EV Ch	\$900,000.00	No
ML18083	City of San Fernando	11/2/2018	11/1/2022		\$20,000.00	\$0.00	Implement Traffic Signal Synchronization	\$20,000.00	No

Cont #	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Duniost Decovintion	Award Balance	Billing
Cont.# ML18084	City of South El Monte	10/18/2019	9/17/2023	Life Date	\$30,000.00	\$0.00	Project Description EV Charging Infrastructure	\$30,000.00	Complete?
ML18087	City of Murrieta	3/29/2019	3/28/2025		\$143,520.00	\$0.00	Install Four EV Charging Stations	\$143,520.00	No
ML18087 ML18088	City of Mulrieta City of Big Bear Lake	11/29/2018	8/28/2020	8/28/2021	\$50,000.00	\$0.00	Install Bicycle Trail	\$50,000.00	No
ML18089	City of Glendora	7/19/2019	4/18/2025	4/18/2026	\$50,760.00	\$0.00	Purchase a medium-duty ZEV	\$50,760.00	No
ML18099	City of Santa Clarita	5/9/2019	2/8/2023	4/10/2020	\$122,000.00	\$0.00	Install Nine EV Charging Stations	\$122,000.00	No
ML18090 ML18091	City of Temecula	1/19/2019	7/18/2023		\$141,000.00	\$0.00	Install Sixteen EV Charging Stations	\$141,000.00	No
ML18091 ML18092	City of South Pasadena	2/1/2019	1/31/2025		\$50,000.00	\$0.00	Procure Two Light-Duty ZEVs and Install EV	\$50,000.00	No
	,	2/1/2019	2/28/2026			\$0.00	• •	, ,	No
ML18093	City of Monterey Park				\$25,000.00		Purchase Heavy-Duty Near-ZEV	\$25,000.00	+
ML18094	City of Laguna Woods	7/12/2019	12/11/2024		\$50,000.00	\$0.00	Install Two EV Charging Stations	\$50,000.00	No
ML18095	City of Gardena	11/9/2018	12/8/2024	1	\$25,000.00	\$0.00	Purchase Heavy-Duty Near-ZEV	\$25,000.00	No
ML18096	City of Highland	12/13/2019	8/12/2024		\$70,210.00	\$0.00	Purchase Light-Duty ZEV and Install Three	\$70,210.00	No
ML18097	City of Temple City	11/29/2018	7/28/2022	0/04/0004	\$16,000.00	\$12,000.00	Purchase Two Light-Duty ZEVs	\$4,000.00	No
ML18098	City of Redondo Beach	2/1/2019	3/31/2023	3/31/2024	\$89,400.00	\$0.00	Install Six EV Charging Stations	\$89,400.00	No
ML18099	City of Laguna Hills	3/1/2019	5/31/2023		\$32,250.00	\$0.00	Install Six EV Charging Stations	\$32,250.00	No
ML18101	City of Burbank	2/1/2019	4/30/2024		\$137,310.00	\$0.00	Install Twenty EV Charging Stations	\$137,310.00	No
ML18126	City of Lomita	12/7/2018	1/6/2020		\$26,500.00	\$0.00	Install bicycle racks and lanes	\$26,500.00	No
ML18128	City of Aliso Viejo	8/30/2019	11/29/2023		\$65,460.00	\$0.00	Purchase Two Light-Duty ZEVs and Install S	\$65,460.00	No
ML18129	City of Yucaipa	12/14/2018	3/13/2023		\$63,097.00	\$0.00	Install Six EV Charging Stations	\$63,097.00	No
ML18130	City of Lake Forest	3/1/2019	9/30/2022		\$106,480.00	\$0.00	Install Twenty-One EVSEs	\$106,480.00	No
ML18132	City of Montclair	4/5/2019	9/4/2023		\$50,000.00	\$0.00	Install Eight EVSEs	\$50,000.00	No
ML18133	City of Rancho Mirage	12/7/2018	11/6/2020		\$50,000.00	\$0.00	Traffic Signal Synchronization	\$50,000.00	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	\$30,000.00	Purchase Four Light-Duty ZEVs and Install	\$12,500.00	No
ML18137	City of Wildomar	3/1/2019	5/31/2021	12/1/2021	\$50,000.00	\$0.00	Install Bicycle Trail	\$50,000.00	No
ML18138	City of La Canada Flintridge	2/8/2019	5/7/2023		\$50,000.00	\$32,588.07	Install Four EVSEs and Install Bicycle Racks	\$17,411.93	No
ML18139	City of Calimesa	8/30/2019	7/29/2020	11/29/2021	\$50,000.00	\$0.00	Install Bicycle Lane	\$50,000.00	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
ML18141	City of Rolling Hills Estates	2/14/2020	1/13/2024		\$40,000.00	\$0.00	Purchase One Light-Duty ZEV and Install T	\$40,000.00	No
ML18142	City of La Quinta	4/24/2019	2/23/2023	8/23/2023	\$51,780.00	\$0.00	Install Two EV Charging Stations	\$51,780.00	No
ML18143	City of La Habra	10/18/2019	9/17/2025		\$80,700.00	\$0.00	Install Two EV Charging Stations	\$80,700.00	No
ML18144	City of Fontana Public Works	10/4/2019	12/3/2023		\$269,090.00	\$0.00	Install Twelve EVSEs	\$269,090.00	No
ML18145	City of Los Angeles Dept of Transpor	1/10/2020	4/9/2027		\$1,400,000.00	\$0.00	Provide One Hundred Rebates to Purchaser	\$1,400,000.00	No
ML18146	City of South Gate	3/1/2019	11/30/2023		\$127,400.00	\$50,000.00	Purchase Five Light-Duty ZEVs and Install T	\$77,400.00	No
ML18147	City of Palm Springs	1/10/2019	1/9/2024		\$60,000.00	\$0.00	Install Eighteen EV Charging Stations	\$60,000.00	No
ML18153	City of Cathedral City	5/3/2019	4/2/2025		\$52,215.00	\$0.00	Install EV Charging Infrastructure	\$52,215.00	No
ML18154	City of Hemet	11/22/2019	9/1/2023		\$30,000.00	\$0.00	Purchase Two Light-Duty ZEV and EV Char	\$30,000.00	No

			Original	Amended	Contract			Award	Billing
Cont.#	Contractor	Start Date	End Date	End Date	Value	Remitted	Project Description	Balance	Complete?
ML18156	City of Covina	2/1/2019	3/31/2023	12/31/2023	\$63,800.00	\$42,713.00	Purchase Four Light-Duty ZEVs and EV Cha	\$21,087.00	No
ML18157	City of Los Angeles Bureau of Street	6/21/2019	5/20/2027		\$85,000.00	\$0.00	Purchase One Medium-Duty ZEV	\$85,000.00	No
ML18159	City of Rialto	12/13/2019	5/12/2024		\$135,980.00	\$0.00	Purchase Nine Light-Duty ZEVs and EV Cha	\$135,980.00	No
ML18161	City of Indio	5/3/2019	10/2/2025		\$50,000.00	\$10,000.00	Purchase 1 Light-Duty Zero Emission, 1 Hea	\$40,000.00	No
ML18162	City of Costa Mesa	1/10/2020	7/9/2026		\$148,210.00	\$0.00	Purchase Four Light-Duty ZEVs and EV Cha	\$148,210.00	No
ML18163	City of San Clemente	3/8/2019	12/7/2024		\$85,000.00	\$0.00	Purchase Four Light-Duty ZEVs and EV Cha	\$85,000.00	No
ML18165	City of Baldwin Park	2/1/2019	1/30/2024		\$49,030.00	\$0.00	Expand CNG Station	\$49,030.00	No
ML18167	City of Beverly Hills	3/29/2019	6/28/2025		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-Zero Emiss	\$50,000.00	No
ML18168	City of Maywood	3/29/2019	11/28/2022		\$7,059.00	\$0.00	Purchase EV Charging Infrastructure	\$7,059.00	No
ML18169	City of Alhambra	6/14/2019	8/13/2024		\$111,980.00	\$0.00	Install EV Charging Infrastructure	\$111,980.00	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
ML18171	City of El Monte	3/1/2019	4/30/2025		\$119,757.00	\$0.00	Purchase One Heavy-Duty ZEVs and EV Ch	\$119,757.00	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
ML18173	City of Manhattan Beach	3/29/2019	2/28/2023		\$49,000.00	\$17,500.00	Purchase Two Light-Duty ZEVs and EV Cha	\$31,500.00	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
ML18176	City of Coachella	3/1/2019	11/30/2024		\$58,020.00	\$0.00	Install EV Charging Stations	\$58,020.00	No
ML18177	City of San Bernardino	6/7/2019		12/6/2026	\$279,088.00	\$0.00	Purchase Medium- and Heavy-Duty Evs and	\$279,088.00	No
ML18178	City of La Puente	11/1/2019	11/30/2025		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
MS18002	Southern California Association of G	6/9/2017	11/30/2018	10/31/2020	\$2,500,000.00	\$593,455.98	Regional Active Transportation Partnership	\$1,906,544.02	No
MS18003	Geographics	2/21/2017	2/20/2021		\$70,453.00	\$60,183.71	Design, Host and Maintain MSRC Website	\$10,269.29	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
MS18015	Southern California Association of G	7/13/2018	2/28/2021	8/31/2021	\$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		\$500,000.00	\$186,116.88	Weekend Freeway Service Patrols	\$313,883.12	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021		\$1,500,000.00	\$556,355.00	Vanpool Incentive Program	\$943,645.00	No
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
MS18026	Omnitrans	10/5/2018	1/4/2020		\$83,000.00	\$0.00	Modify Vehicles Maintenance Facility and Tr	\$83,000.00	No
MS18027	City of Gardena	11/2/2018	9/1/2026		\$365,000.00	\$0.00	Install New Limited Access CNG, Modify Mai	\$365,000.00	No
MS18029	Irvine Ranch Water District	8/8/2018	10/7/2024		\$185,000.00	\$0.00	Install New Limited Access CNG Station & T	\$185,000.00	No
MS18065	San Bernardino County Transportatio	3/29/2019	8/28/2023		\$2,000,000.00	\$1,664,525.31	Implement Metrolink Line Fare Discount Pro	\$335,474.69	No
MS18066	El Dorado National	12/6/2019	2/5/2026		\$100,000.00	\$0.00	Install New Limited-Access CNG Station	\$100,000.00	No
MS18073	Los Angeles County MTA	1/10/2019	2/9/2026		\$2,000,000.00	\$0.00	Purchase 40 Zero-Emission Transit Buses	\$2,000,000.00	No
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	No
MS18103	Orange County Transportation Autho	2/8/2019	9/7/2020		\$642,000.00	\$613,303.83	Install Hydrogen Detection System	\$28,696.17	No
MS18104	Orange County Transportation Autho	2/21/2020	3/31/2021		\$212,000.00	\$165,235.92	Implement College Pass Transit Fare Subsi	\$46,764.08	No
MS18106	R.F. Dickson Co., Inc.	7/19/2019	1/18/2026		\$265,000.00	\$250,000.00	Expansion of Existing Infrastructure/Mechani	\$15,000.00	No
MS18108	Capistrano Unified School District	2/1/2019	5/30/2025		\$116,000.00	\$0.00	Expansion of Existing Infrastructure & Train	\$116,000.00	No
MS18110	Mountain View Unified School Distric	2/1/2019	3/31/2025		\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	No

			Original	Amended	Contract			Award	Billing
Cont.#	Contractor	Start Date	End Date	End Date	Value	Remitted	Project Description	Balance	Complete?
MS18112	Banning Unified School District	11/29/2018	11/28/2024	11/28/2025	\$275,000.00	\$0.00	Install New CNG Infrastructure	\$275,000.00	No
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
MS18117	City of San Bernardino	6/7/2019	11/6/2025		\$240,000.00	\$0.00	Expansion of Existing CNG Infrastructure/Me	\$240,000.00	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
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	No
MS18122	Universal Waste Systems, Inc.	2/1/2019	3/31/2025	3/31/2026	\$200,000.00	\$0.00	Install New Limited Acess CNG Infrastructur	\$200,000.00	No
MS18124	County Sanitation Districts of Los An	7/31/2019	2/28/2027		\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	No
MS18125	U.S. Venture	5/9/2019	8/8/2025		\$200,000.00	\$180,000.00	Install New Limited-Access CNG Infrastructu	\$20,000.00	No
MS18175	Regents of the University of Californi	6/7/2019	8/6/2025		\$1,000,000.00	\$0.00	Expansion of Existing Hydrogen Station	\$1,000,000.00	No
Total: 119									
Pending Ex	recution Contracts								
ML18100	City of Brea				\$56,500.00	\$0.00	Install Thirteen EV Charging Stations	\$56,500.00	No
ML18148	City of San Dimas				\$50,000.00	\$0.00	Implement Bike Share Program	\$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
ML18151	County of San Bernardino Departme				\$200,000.00	\$0.00	Purchase Eight Heavy-Duty Near Zero Emis	\$200,000.00	No
ML18152	County of San Bernardino Flood Con				\$108,990.00	\$0.00	Purchase Five Heavy-Duty Near Zero Emissi	\$108,990.00	No
ML18158	City of Inglewood				\$146,000.00	\$0.00	Purchase 4 Light-Duty Zero Emission, 4 Me	\$146,000.00	No
ML18164	City of Pomona				\$200,140.00	\$0.00	Purchase Three Heavy-Duty ZEVs	\$200,140.00	No
ML18166	City of Placentia				\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
MS18121	City of Montebello				\$70,408.00	\$0.00	Expansion of Existing CNG Infrastructure	\$70,408.00	No
Total: 10									
Declined/Ca	ancelled Contracts								
ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	No
MS18013	California Energy Commission				\$3,000,000.00	\$0.00	Advise MSRC and Administer Hydrogen Infr	\$3,000,000.00	No
MS18017	City of Banning				\$225,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$225,000.00	No
MS18018	City of Norwalk	6/8/2018	9/7/2019		\$75,000.00	\$0.00	Vehicle Maintenance Facility Modifications	\$75,000.00	No
MS18107	Huntington Beach Union High School				\$225,000.00	\$0.00	Expansion of Existing Infrastructure	\$225,000.00	No
MS18109	City of South Gate				\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18111	Newport-Mesa Unified School Distric				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
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
Total: 9	, , , ,			I .	, , ,	<u> </u>		1 . , ,	
Closed Con	ntracts								
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	No
	5 ,	_		1				1 . ,	

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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	No
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	Yes
MS18010	Southern California Regional Rail Au	12/28/2017	7/31/2019		\$351,186.00	\$275,490.61	Implement Special Metrolink Service to Unio	\$75,695.39	Yes
MS18011	Southern California Regional Rail Au	2/9/2018	6/30/2018		\$239,565.00	\$221,725.12	Special Train Service to Festival of Lights	\$17,839.88	Yes
MS18014	Regents of the University of Californi	10/5/2018	12/4/2019	3/4/2020	\$254,795.00	\$251,455.59	Planning for EV Charging Infrastructure Inve	\$3,339.41	Yes
MS18016	Southern California Regional Rail Au	1/10/2019	3/31/2019		\$87,764.00	\$73,140.89	Special Train Service to Auto Club Speedwa	\$14,623.11	Yes
MS18105	Southern California Regional Rail Au	1/10/2019	6/30/2019		\$252,696.00	\$186,830.04	Special Train Service to the Festival of Light	\$65,865.96	Yes
Total: 10									
Open/Com	plete Contracts								
ML18019	City of Hidden Hills	5/3/2018	5/2/2022	5/2/2023	\$49,999.00	\$49,999.00	Purchase Two Light-Duty ZEVs and EVSE	\$0.00	Yes
ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$46,079.31	Install EV Charging Station	\$3,581.69	Yes
ML18028	City of Artesia	6/28/2018	3/27/2025		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18033	City of Duarte	8/8/2018	2/7/2025		\$50,000.00	\$50,000.00	Purchase 1-HD ZEV	\$0.00	Yes
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
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	No
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	No
ML18054	City of La Habra Heights	8/8/2018	4/7/2022		\$9,200.00	\$9,200.00	Purchase 1 L.D. ZEV	\$0.00	Yes
ML18061	City of Moreno Valley	4/9/2019	2/8/2025		\$25,000.00	\$25,000.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18062	City of Beaumont	8/8/2018	9/7/2024		\$25,000.00	\$25,000.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18070	City of Lomita	11/29/2018	6/28/2022		\$6,250.00	\$6,250.00	Purchase 1 Light-Duty ZEV	\$0.00	No
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
ML18074	City of Buena Park	12/14/2018	6/13/2026		\$107,960.00	\$107,960.00	EV Charging Infrastructure	\$0.00	No
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
ML18085	City of Orange	4/12/2019	10/11/2026		\$50,000.00	\$50,000.00	Purchase Two Heavy-Duty Near-Zero Emiss	\$0.00	Yes
ML18086	City of Los Angeles Bureau of Street	2/8/2019	4/7/2023		\$300,000.00	\$300,000.00	Install Sixty EV Charging Stations	\$0.00	Yes
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
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
NAL 40455	0'1(-01	7/04/0040	0/00/0000	·	\$50,000,00	#05 000 00	Leatell EV Observisor Letrostone	#44.004.44	NI.

\$50,000.00

\$35,608.86

\$14,391.14

No

Install EV Charging Infrastructure

ML18155

City of Claremont

7/31/2019

9/30/2023

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18160	City of Irwindale	3/29/2019	12/28/2022		\$14,263.00	\$14,263.00	Purchase Two Light-Duty ZEVs	\$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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2018	3-2021 Contracts								
Open Conti	racts								
MS21001	Los Angeles County MTA	8/30/2019	7/29/2020		\$1,148,742.00	\$249,664.87	Implement Special Transit Service to Dodge	\$899,077.13	No
MS21002	Better World Group Advisors	11/1/2019	12/31/2022		\$250,000.00	\$35,101.55	Programmatic Outreach Services	\$214,898.45	No
Total: 2									
Pending Ex	recution Contracts								
MS21003	Orange County Transportation Autho				\$468,298.00	\$0.00	Provide Express Bus Service to the Orange	\$468,298.00	No
MS21004	Los Angeles County MTA				\$2,188,899.00	\$0.00	Clean Fuel Bus Service to Dodger Stadium	\$2,188,899.00	No



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 28

REPORT: California Air Resources Board Monthly Meeting

SYNOPSIS: The California Air Resources Board held a meeting on August 27, 2020.

The following is a summary of the meeting.

RECOMMENDED ACTION:

Receive and file.

Judith Mitchell, Member South Coast AQMD Governing Board

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The California Air Resources Board (CARB or Board) meeting on August 27, 2020 was conducted remotely via a web-based videoconferencing service. Key items presented are summarized below.

DISCUSSION ITEMS

20-8-3: Recognition from the Northern Sonoma County Air Pollution Control District

Rob Bamford, the Air Pollution Control Officer of the Northern Sonoma County Air Pollution Control District (APCD), presented a resolution in appreciation of the California Air Resources Board's Monitoring and Laboratory Division Incident Air Monitoring Section for their support during the 2019 Kincade Fire. The Board appreciated the APCD's resolution and highlighted the importance of partnerships between the State and districts in providing necessary air quality data for the public and local health officials during wildfire incidents.

20-8-1: Public Hearing to Consider Proposed Control Measure for Ocean-Going Vessels At Berth

The Board adopted the Control Measure for Ocean-Going Vessels At Berth (At Berth Measure). The At Berth Measure will supersede the existing At-Berth Regulation and achieve an additional 50 percent or more reduction of NOx and diesel fine particulate matter beyond the current regulations in 2031. This regulation is critical to meeting the ozone and PM standards in California, will provide reductions of greenhouse gases, reactive organic gases, and black carbon. These reductions are critical to the health of Californians living and working near the ports that are heavily impacted by air pollution associated with freight sources. For these, primarily disadvantaged, communities, the health benefits of the At Berth Regulation will be reduced mortality, hospitalizations, and emergency room visits. In addition, the At Berth Regulation will reduce the potential cancer risk from at berth emissions by approximately 55 percent. The emission reductions from the At Berth Regulation will be achieved through electrification or other clean control technology of new vessel categories (such as vehicle carriers and tanker vessels), additional ports, and independent marine terminals. This was the third and final hearing for this item.

South Coast AQMD Staff Comments/Testimony: Zorik Pirveysian, Planning and Rules Manager, provided testimony and highlighted the importance of reducing emissions from this category, as ocean-going vessels (OGVs), combined with harbor craft, will represent one of the largest source of NOx emissions in the South Coast Air Basin. Emission reductions from OGVs are therefore essential in meeting upcoming ozone attainment deadlines as well as providing public health benefits in nearby communities. Staff strongly supported the adoption of the Proposed At-Berth Regulation and offered a recommendation to accelerate the requirements for container ships, reefers and cruise ships by starting the compliance date one year earlier.

20-8-2: Public Hearing to Consider Proposed Heavy-Duty Engine and Vehicle Omnibus Regulation and Associated Amendments

The Board adopted the Proposed Heavy-Duty Engine and Vehicle Omnibus Regulation and Associated Amendments (Omnibus Regulation). The Omnibus Regulation will establish new heavy-duty exhaust emission standards, new test procedures, and other emission-related requirements for 2024 and subsequent model year California-certified on-road heavy-duty engines. The Omnibus Regulation implements two measures from CARB's 2016 State Strategy for the State Implementation Plan: the "Low-NOx Engine Standard" which will reduce NOx emissions from new engines by 90 percent; and the "Lower In Use Emission Performance Level," which will ensure heavy-duty vehicles on the road continue to maintain emissions controls throughout their useful lives. These measures are critical to attainment of ozone and PM2.5 standards in the South Coast Air Basin and San Joaquin Valley. The Omnibus Regulation also includes a provision to

incentivize the production of heavy-duty zero-emission vehicles encouraging manufacturers to meet the advanced clean truck regulation requirements and giving them extra credit if they do so early. The reductions from the Omnibus Regulation will provide significant regional health benefits to all Californians with the greatest benefits to disadvantaged communities that are typically located near transportation corridors where heavy-duty engines operate. Support for the Omnibus Regulation included California Air Districts, local government, environmental and environmental justice organizations in addition to other states needing reductions from heavy-duty vehicles to meet federal pollution standards. Board Member Mitchell noted during public comment that the CARB needs to do more to work with South Coast AQMD and identify how the emission reductions will be achieved in order to meet the attainment deadlines. CARB staff committed to work with South Coast AQMD to further identify emission reduction strategies.

South Coast AQMD Staff Comments/Testimony: Wayne Nastri, Executive Officer, provided public comment in support of the proposed regulation and highlighted South Coast's urgent need to reduce NOx emissions to meet the attainment deadlines. Additionally, he raised concerns, as detailed in the South Coast AQMD comment letter, regarding the lack of sufficient NOx reductions needed in the South Coast AQMD, accelerating the 0.02 g/bhp-hr standard sooner than proposed, stringency items such as tighter NOx limits for proposed 2024 LLC and 50 State Directed Standard, and accelerating the schedule for the proposed 0.01 g/bhp-hr Optional Low NOX Standard. Lastly, his comments included a suggestion to limit ZEV credits for early compliance and surplus sales. He noted that the projected emission reductions in the proposed Omnibus regulation were not enough to help the South Coast AQMD in meeting the NOx reductions needed, but further emphasized that every ton of NOx reduced is a step towards meeting the goal. He urged CARB to develop a comprehensive plan to help South Coast to reach attainment.

Attachments

CARB August 27, 2020 Meeting Agenda



PUBLIC MEETING AGENDA

Thursday, August 27, 2020 In accordance with Governor Newsom's Executive Orders N-29-20 and N-33-20 as well as recommendations from the California Department of Public Health, the August 27, 2020, Board Meeting will not have a physical location to attend in person. This will be a remote-only meeting.

The Board Meeting will be conducted remotely via a web-based videoconferencing service called Zoom. Members of the public who wish to comment verbally can register for the webinar.

Register for the Webinar – for those that plan to comment at the hearing.

Alternatively, during the Board Meeting, members of the public can offer verbal comments by calling in via telephone. Members of the public do not have to register beforehand if they call in using the number below.

Phone Number: (669) 900-6833 Webinar ID: 854 9882 4135

To watch the webinar only and not provide verbal comments, please view the webcast. The webcast is the same video stream offered by CARB during normal Board Meetings. If you do not wish to provide verbal comments, we strongly recommend watching the webcast as this will free up space on the webinar for those who are providing verbal comments.

Webcast – for those that only plan to observe the hearing.

How to Participate in the Remote Board Meeting Como Participar en la Reunión de la Junta a distancia

Spanish translation will be provided at the August 27, 2020 Board Meeting

Thursday August 27, 2020 9:00 a.m.

DISCUSSION ITEMS:

Note: The following agenda items may be heard in a different order at the Board meeting.

Agenda Item #

20-8-3 Recognition from the Northern Sonoma Air Pollution Control District

Air Pollution Control Officer Rob Bamford from Northern Sonoma County Air Pollution Control District would like to present a resolution from his Board in appreciation of CARB's Monitoring and Laboratory Division Incident Air Monitoring Section for their support during the 2019 Kincade Fire.

<u>Presentation</u> <u>Board Item Materials</u> <u>Written Comments</u>

20-8-1: Public Hearing to Consider Proposed Control Measure for Ocean-Going Vessels At Berth

The Board will consider adoption of the Control Measure for Ocean-Going Vessels At Berth (Control Measure). The Board will also consider certification of the Environmental Analysis prepared for the Control Measure. The Proposed Regulation will supersede the existing At-Berth Regulation, as specified, and is designed to achieve further reductions in emissions from vessels at berth to reduce adverse health impacts to communities surrounding ports and terminals throughout California. Emission reductions will be achieved through the inclusion of new vessel categories (such as vehicle carriers and tanker vessels), new ports, and independent marine terminals. This is the third hearing of three for this item.

More Information Presentation Board Item Materials Written Comments

Supplemental Response to Comments (Posted 8/27/2020 at 11:30 a.m.)

20-8-2: Public Hearing to Consider Proposed Heavy-Duty Engine and Vehicle Omnibus Regulation and Associated Amendments

The Board will consider proposed amendments to the exhaust emission standards and test procedures for 2024 and subsequent model year heavy-duty engines, the heavy-duty in-use testing program, the emissions warranty and useful life period requirements, the heavy-duty durability demonstration program, the emissions warranty information and reporting requirements and corrective action procedures, the heavy-duty on-board diagnostic system requirements, the Phase 2 greenhouse gas regulation, and other requirements.

<u>More Information</u> <u>Presentation</u> <u>Guest Presentation</u> <u>Board Item Materials</u>

Written Comments

CLOSED SESSION

The Board may hold a closed session, as authorized by Government Code section 11126(e), to confer with, and receive advice from, its legal counsel regarding the following pending or potential litigation:

Alliance for California Business v. California State Transportation Agency, et al., Sacramento County Superior Court, Case No. 34-2016-80002491.

American Coatings Association, Inc. v. State of California and California Air Resources Board, Sacramento County Superior Court, Case No. 04CS01707.

American Lung Association, et al. v. United States Environmental Protection Agency, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 19-1140.

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 Air Resources Board v. Key Disposal, Inc. and John Katangian, Los Angeles Superior Court, Case No. BC650014.

California Air Resources Board v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 18-1085.

California Air Resources Board v. United States Environmental Protection Agency and National Highway Traffic and Safety Administration, United States District Court, District of Columbia Case No. 1:19-cv-00965-CKK.

California Natural Gas Vehicle Coalition v. California Air Resources Board, et al., Fresno County Superior Court, Case No. 20CECG02250.

Dalton Trucking, Inc. v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 13-1283 (dismissed), U.S. Court of Appeals, Ninth Circuit, Case No. 13-74019.

Friends of Oceano Dunes, Inc. v. California Coastal Commission, et al., San Luis Obispo County Superior Court, Case No. 17CV-0576; U.S. District Court for the Central District of California, Case No. 2:17-cv-8733.

In re Pacific Gas and Electric Company, U.S. Bankruptcy Court, Northern District of California, Case No. 19-30089.

John R. Lawson Rock & Oil, Inc. et al. v. California Air Resources Board et al., Fresno County Superior Court, Case No. 14-CECG01494; ARB's appeal, Court of Appeal, Fifth District, Case No. F074003.

Sowinski v. California Air Resources Board, et al., United States District Court, Northern District of California, No. 3:18-cv-03979-LHK.

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, et al., v. Chao, et al., United States District Court, District of Columbia, Case No. 1:19-cv-02826.

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.

State of California, et al. v. United States Environmental Protection Agency, United States Court of Appeals, District Court of Columbia Circuit, Case No. 19-1227.

State of California, et al., v. United States Environmental Protection Agency, United States District Court, Northern District of California, Case No. 4:18-cv-03237.

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.

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.

United States v. California, United States District Court, Eastern District of California, Case No. 2:19-cv-02142-WBS-EFB.

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 <u>submit written</u> <u>comments</u> for open session the morning of the Board Meeting.

Submit Comments Electronically the Day of the Board Meeting
View Submitted Comments

PLEASE NOTE: PowerPoint presentations to be displayed during public comment at the Board meeting must be electronically submitted via email to the Clerks' Office at cotb@arb.ca.gov no later than noon on the business day prior to the scheduled Board meeting.

IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT THE CLERKS' OFFICE:

1001 I Street, 23rd Floor, Sacramento, California 95814 <u>cotb@arb.ca.gov</u> 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.

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: September 4, 2020 AGENDA NO. 29

REPORT: Status Report on Regulation XIII – New Source Review

SYNOPSIS: This report presents the state and federal Final Determination of

Equivalency for January 2018 through December 2018. As such, it provides information regarding the status of Regulation XIII – New Source Review in meeting state and federal NSR requirements and

shows that South Coast AQMD's NSR program is in final

compliance with applicable state and federal requirements from

January 2018 through December 2018.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:

Receive and file.

Wayne Nastri Executive Officer

AD:JA:DO:GI:SKT

SUMMARY

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

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

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

Rule 1315 requires that, commencing with calendar year 2010, and for each calendar year thereafter, the Executive Officer prepare a Preliminary Determination of Equivalency (PDE) and Final Determination of Equivalency (FDE), which cover NSR activities for twelve-month periods. The calendar year 2018 FDE is required to be reported to the South Coast AQMD Board at the September 2020 Board meeting. In addition, Rule 1315 requires the Executive Officer to aggregate and track offsets debited from and deposited to South Coast AQMD's offset accounts for specified periods between October 1, 1990 and December 31, 2005 and each calendar year from 2006 through 2030 for purposes of making periodic determinations of compliance. The last annual report submitted to the Board on February 7, 2020 presented the PDE for calendar year 2018 and demonstrated that South Coast AOMD's NSR program continued to meet the federal offset requirements for calendar year 2018. Rule 1315 also requires that, commencing with calendar year 2011, and for each calendar year thereafter, the Executive Officer include in each FDE: the cumulative net emission increase of each nonattainment air contaminant that occurred at major and minor facilities from February 4, 2011, the date of adoption of Rule 1315, through the end of the calendar year 2011 reporting period and through the end of each subsequent reporting period; and the projected cumulative net emission increases at the end of each of the two subsequent reporting periods. The calendar year 2018 FDE contains the cumulative net emission increases through the end of calendar year 2018 and the projected cumulative net emission increases at the end of calendar years 2019 and 2020.

This report demonstrates compliance with state and federal NSR requirements by establishing aggregate equivalence with state and federal offset requirements for sources that were not exempt from state and federal offset requirements, but were either exempt from offsets or obtained their offsets from South Coast AQMD pursuant to Regulation XIII.

The federal offset accounts FDE for calendar year 2018 is summarized in Table 1. Projections of South Coast AQMD's federal offset account balances for January 2019

through December 2019 and January 2020 through December 2020, as specified and required pursuant to Rule 1315(e), are presented in Table 2. These results demonstrate that there were, and project that there will be, adequate offsets available to mitigate all applicable emission increases during these reporting periods.

The cumulative net emission increase of each nonattainment air contaminant that occurred at major and minor facilities that were issued permits pursuant to Rule 1304 exemptions or Rule 1309.1 Priority Reserve from February 4, 2011, the date of adoption of Rule 1315, through the end of the calendar year 2018 reporting period, as required under Rule 1315(g), is summarized in Table 3. Projections of cumulative net emission increase for January 2019 through December 2019 and January 2020 through December 2020 are summarized in Table 4. These results demonstrate that the cumulative net emission increase, and projections of cumulative net emission increase, of each nonattainment air contaminant remained below the thresholds identified in Table B of Rule 1315(g)(4), and therefore the Executive Officer can continue to issue permits to construct and permits to operate that rely on further use of Rule 1304 exemptions or Rule 1309.1 Priority Reserve offsets to major and minor sources.

The state offset accounts for calendar year 2018 is summarized in Table 5. This report demonstrates that, for calendar years 2018 through 2020, South Coast AQMD's NSR program continues to meet and is projected to meet state and federal offset requirements and is equivalent to those requirements on an aggregate basis². The South Coast Air Basin was designated as being in attainment with the federal and state CO standards effective June 11, 2007, and therefore South Coast AQMD does not report CO accumulated credits and account balances in this equivalency determination. U.S. EPA designated the South Coast Air Basin as being in attainment with the federal PM10 standard effective July 26, 2013. However, the Coachella Valley has not attained the PM10 NAAQS, therefore, South Coast AQMD will continue to track and report PM10 (in the South Coast Air Basin) accumulated credits and account balances for informational purposes only.

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

Table 1
Federal Offset Accounts FDE for January 2018 through December 2018

DESCRIPTION	VOC	NOx	SOx	PM10
2017 Actual Ending Balance ^a (tons/day)	107.81	23.43	4.27	16.02
2018 Discount of Credits for Surplus Adjustment ^b (tons/day)	()()()	0.00	0.00	0.00
2018 Actual Total Credits ^c (lbs/day)	5,672	1,362	168	1,049
2018 Actual Total Debits ^c (lbs/day)	-322	-385	-120	-467
2018 Sum of Actual Credits/Debits ^c (lbs/day)	5,350	977	48	582
2018 Sum of Actual Credits/Debits ^c (tons/day)	2.68	0.49	0.02	0.29
2018 Actual Ending Balance ^d (tons/day)	110.49	23.92	4.29	16.31

^a Updated "2017 Actual Ending Balance". VOC and NOx balances previously reported in Table 1 of the 2017 FDE report dated September 6, 2019 contained incorrect information.

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This adjustment is surplus at the time of use discount, which is also discussed in Rule 1315(c)(4).

For an explanation of the sources of credits and debits please refer to page 11 of this report, as well as Rule 1315(c) and the February 4, 2011 Rule 1315 staff report. Credits are shown as positive and debits as negative, while the sums of credits/debits are shown as positive or negative, as appropriate.

[&]quot;2018 Actual Ending Balance" equals the "2017 Actual Ending Balance," plus the "2018 Discount of Credits for Surplus Adjustment" and the "2018 Sum of Actual Credits/Debits."

Table 2
Projections^a of South Coast AQMD's Federal Offset Account Balances for January 2019 through December 2019, and January 2020 through December 2020

DESCRIPTION	VOC	NOx	SOx	PM10
2018 Actual Ending Balance ^b (tons/day)	110.49	23.92	4.29	16.31
2019 Total Projected Credits ^c (lbs/day)	7,760	2,300	500	1,240
2019 Total Projected Debits ^c (lbs/day)	-840	-440	-120	-400
2019 Sum of Projected Credits/Debits ^c (lbs/day)	6,920	1,860	380	840
2019 Sum of Projected Credits/Debits ^c (tons/day)	3.46	0.93	0.19	0.42
2019 Projected Ending Balance ^d (tons/day)	113.95	24.85	4.48	16.73
2020 Total Projected Credits ^c (lbs/day)	7,760	2,300	500	1,240
2020 Total Projected Debits ^c (lbs/day)	-840	-440	-120	-400
2020 Sum of Projected Credits/Debits ^c (lbs/day)	6,920	1,860	380	840
2020 Sum of Projected Credits/Debits ^c (tons/day)	3.46	0.93	0.19	0.42
2020 Projected Ending Balance ^e (tons/day)	117.41	25.78	4.67	17.15

- ^a Rule 1315 does not require discount of credits for surplus adjustment for projected balances.
- b "2018 Actual Ending Balance" is as shown in Table 1.
- Projections are based upon the average of the total annual debits and the average of the total annual credits for the five reporting periods most recently included in a PDE or an FDE, pursuant to Rule 1315(e). For an explanation of the sources of debits and credits please refer to page 7 of this report, as well as Rule 1315(c) and the Rule 1315 staff report. Debits are shown as negative and credits as positive, while the sum of debits/credits are shown as negative or positive, as appropriate.
- "2019 Projected Ending Balance" equals the "2018 Actual Ending Balance," plus the "2019 Sum of Projected Credits/Debits."
- e "2020 Projected Ending Balance" equals the "2019 Projected Ending Balance" plus the "2020 Sum of Projected Credits/Debits."

Table 3
Cumulative Net Emission Increase
(February 4, 2011 – December 31, 2018)

DESCRIPTION	VOC	NOx	SOx	PM10
2017 Cumulative Net Emission Increase ^a (tons/day)	-19.73	-3.19	-0.78	-0.70
2018 Increases in Potential to Emit ^b (tons/day)	1.89	0.70	0.14	0.62
2018 Decreases in Potential to Emit ^c (tons/day)	-3.55	-0.85	-0.11	-0.65
2018 Cumulative Net Emission Increased (tons/day)	-21.39	-3.34	-0.75	-0.73
Rule 1315(g) Table B Threshold (through December of 2018 - tons/day)	10.12	0.76	0.24	1.48

- ^a Updated "2017 Cumulative Net Emission Increase". VOC, NOx, and PM10 cumulative net emission increases previously reported in Table 3 of the 2017 FDE report dated September 6, 2019 contained incorrect information.
- Increases in potential to emit that occur at major and minor facilities pursuant to Rule 1304 or Rule 1309.1.
- Decreases in potential to emit that occur at major and minor facilities pursuant to Rule 1304 or Rule 1309.1.
- "2018 Cumulative Net Emission Increase" is the sum of the increases and decreases in the potential to emit that occur at major and minor facilities pursuant to Rule 1304 or Rule 1309.1 over the period of February 4, 2011 through December 31, 2018.

Table 4
Projections of Cumulative Net Emission Increase
January 2019 through December 2019, and
January 2020 through December 2020

DESCRIPTION	VOC	NOx	SOx	PM10
2018 Cumulative Net Emission Increase ^a (tons/day)	-21.39	-3.34	-0.75	-0.73
2019 Projected Emission Increase ^b (tons/day)	2.21	0.84	0.17	0.68
2019 Projected Emission Decrease ^b (tons/day)	-4.84	-1.43	-0.32	-0.78
2019 Projected Cumulative Net Emission Increase ^c (tons/day)	-24.02	-3.93	-0.90	-0.83
Rule 1315(g) Table B 2019 Threshold (tons/day)	11.39	0.84	0.27	1.67
2020 Projected Emission Increase ^d (tons/day)	2.21	0.84	0.17	0.68
2020 Projected Emission Decreased (tons/day)	-4.84	-1.43	-0.32	-0.78
2020 Projected Cumulative Net Emission Increase ^e (tons/day)	-26.65	-4.52	-1.05	-0.93
Rule 1315(g) Table B 2020 Threshold (tons/day)	12.67	0.92	0.30	1.86

- ^a "2018 Cumulative Net Emission Increase" from Table 3.
- "2019 Projected Emission Increase" and "2019 Projected Emission Decrease" are the averages of the 2014, 2015, 2016, 2017 and 2018 increases and decreases, respectively, in potential to emit.
- "2019 Projected Cumulative Net Emission Increase" is the sum of the "2019 Projected Emission Increase" and "2019 Projected Emission Decrease" added to the "2018 Cumulative Net Emission Increase."
- "2020 Projected Emission Increase" and "2020 Projected Emission Decrease" are the averages of the 2014, 2015, 2016, 2017 and 2018 increases and decreases, respectively, in potential to emit.
- "2020 Projected Cumulative Net Emission Increase" is the sum of the "2020 Projected Emission Increase" and "2020 Projected Emission Decrease" added to the "2019 Projected Cumulative Net Emission Increase."

Table 5
State Offset Accounts FDE for January 2018 through December 2018

DESCRIPTION	VOC	NOx	SOx	PM10
2018 Actual Starting Balance (tons/day)	83.93	35.27	9.04	21.83
2018 Actual Total Credits ^a (tons/day)	2.84	0.68	0.08	0.52
2018 Actual Total Debits ^a (tons/day)	-1.51	-0.56	-0.06	-0.19
2018 Sum of Actual Credits/Debits ^a (lbs/day)	2,655	246	56	668
2018 Sum of Actual Credits/Debits ^a (tons/day)	1.33	0.12	0.02	0.33
2018 Actual Ending Balance ^b (tons/day)	85.26	35.39	9.06	22.16

For an explanation of the sources of credits and debits please refer to page 11 of this report. Credits are shown as positive and debits as negative, while the sums of credits/debits are shown as positive or negative, as appropriate.

Background

South Coast AQMD originally adopted its New Source Review Rules and Regulation (NSR program) in 1976. U.S. EPA approved South Coast AQMD's NSR program into the State Implementation Plan (SIP) initially on January 21, 1981 (46FR5965) and again on December 4, 1996 (61FR64291). U.S. EPA approved South Coast AQMD's May 3, 2002 Rule 1309.1 amendments into the SIP on June 19, 2006 (71FR35157). The original program has evolved into the current version of the Regulation XIII rules in response to state and federal legal requirements and the changing needs of the local environment and economy. Specific amendments to the NSR rules were adopted by the Board on December 6, 2002 to facilitate and provide additional options for credit generation and use. Rule 1315 was adopted and re-adopted on September 8, 2006 and August 3, 2007, respectively. Rule 1309.1 was amended and replaced on September 8, 2006 and August 3, 2007, respectively. On November 3, 2008, in response to a law suit filed by a group of environmental organizations, a California State Superior Court Judge in the County of Los Angeles invalidated the August 3, 2007 adopted Rule 1315 and amendments to Rule 1309.1, and prohibited South Coast AQMD from taking any action to implement Rule 1315 or the amendments to Rule 1309.1 until it had prepared a new environmental assessment under the California Environmental Quality Act (CEQA). On February 4, 2011 South Coast AQMD adopted a revised and enhanced version of Rule 1315, which included a new CEOA assessment. U.S. EPA approved Rule 1315 into the SIP in 2012 (77FR21300), and this approval was upheld by the U.S. Court of Appeals for the Ninth Circuit Court in 2015.

b "2018 Actual Ending Balance" equals the "2018 Actual Starting Balance" plus the "2018 Sum of Actual Credits/Debits."

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

Federal Law

Federal NSR requirements vary with respect to the area's attainment status and classification. Based on their classification in 2007, the South Coast Air Basin (SOCAB) and Salton Sea Air Basin (SSAB) must comply with the requirements for severe 17 and severe non-attainment areas, respectively, for ozone precursors (i.e., VOC and NOx). However, in May 2010, the SOCAB was re-designated as an extreme nonattainment area for ozone. During the 2018 equivalency period, both the SOCAB and the SSAB complied with their respective requirements for ozone non-attainment and serious non-attainment for PM10 and its precursors (i.e., VOC, NOx, and SOx)³. SSAB is considered in attainment for CO. U.S. EPA designated the SOCAB as in attainment with federal CO standards on June 11, 2007. Starting calendar year 2017, South Coast AQMD did not report CO accumulated credits and account balances in this equivalency determination. Both SOCAB and SSAB are considered in attainment for SO2 and NO2: however, SOx and NOx are precursors to pollutants for which both SOCAB and SSAB are designated as in nonattainment⁴. The Mojave Desert Air Basin (MDAB) under South Coast AQMD's jurisdiction is unclassifiable. Federal law requires the use of Lowest Achievable Emission Rate (LAER) and offsets for emissions of nonattainment pollutants (or their precursors) for new, modified, and relocated stationary sources, when the source is considered a major stationary source⁵ for the nonattainment

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⁵ The major source thresholds for SOCAB, SSAB and MDAB, based on their attainment status during the calendar year 2018 reporting period are summarized below:

Pollutant	SOCAB	SSAB	MDAB
VOC	10 tons/vear	25 tons/vear	100 tons/vear
NOx	10 tons/year	25 tons/year	100 tons/year
SOx	70 tons/year	70 tons/year	100 tons/year
PM10	70 tons/vear	70 tons/vear	100 tons/vear
СО	50 tons/year	100 tons/year	100 tons/year

³ As of July 26, 2013, SOCAB was redesignated as in attainment for the federal 24-hour PM10 standard and U.S. EPA approved a PM10 maintenance plan. South Coast AQMD will continue to track and report PM10 accumulated credits and account balances for informational purposes only in the SOCAB and for equivalency in the SSAB (Coachella Valley).

⁴ SOx is a precursor to PM10, and NOx is a precursor to both PM10 and ozone.

pollutants (or their precursors). This report demonstrates compliance with the federal NSR offsets requirements.

State Law

State law requires the use of BACT for new and modified sources (Health and Safety Code Sections 40440(b)(1) and 40920.5) and "no net increase in emissions" from certain permitted new or modified sources based on their potential to emit and the non-attainment classification of the area in which they are located. This report demonstrates South Coast AQMD's compliance with the "no net emission increase" requirements of state law for the 2018 period by demonstrating compliance with the requirements for extreme ozone non-attainment areas for ozone precursors and with the requirements for serious non-attainment areas for PM10 and precursors to PM10. The South Coast Air Basin was designated as being in attainment with the state CO standards effective June 11, 2007.

Overview of Analysis Methodology

The two most important elements of state and federal nonattainment NSR requirements are BACT/LAER and emission offsetting. As set forth in South Coast AQMD's Best Available Control Technology (BACT) Guidelines, South Coast AQMD's BACT requirements are at least as stringent as federal LAER for major sources and state BACT requirements for all sources. Furthermore, the NSR emission offset requirements that South Coast AQMD implements through its permitting process ensure that sources provide emission reduction credits (ERCs) to offset their emission increases in compliance with state and federal requirements. As a result, these sources each comply with state and federal offset requirements by providing ERCs. However, certain sources are exempt from South Coast AQMD's offset requirements pursuant to Rule 1304 or qualify for offsets from South Coast AQMD's Community Bank (applications received between October 1, 1990 and February 1, 1996 only) or Priority Reserve, both pursuant to Rule 1309.1. Providing offset exemptions and the Priority Reserve (as well as the previously-administered Community Bank) is important to the NSR program and the local economy. Therefore, South Coast AQMD has assumed the responsibility of providing the necessary offsets for exempt sources, the Priority Reserve, and the Community Bank. This report examines deposits to and withdrawals from South Coast AQMD's emission offset accounts during calendar year 2018 and demonstrates programmatic equivalence on an aggregate basis with state and federal emission offset requirements for the sources exempt from providing offsets and the sources that receive offsets from the Priority Reserve or the Community Bank.

South Coast AQMD's Offset Accounts

For the purposes of this report, federal debit and credit accounting for South Coast AQMD offset accounts was conducted pursuant to the same procedures previously agreed to by U.S. EPA and as delineated in Rule 1315 and described in the staff report dated January 7, 2011. Each of the pollutants subject to offset requirements has its own

federal offset account. State debit and credit accounting for South Coast AQMD offset accounts was similarly conducted, with the difference that state offset requirements apply to all increases of VOC or NOx from equipment subject to South Coast AQMD's permitting program and to increases of SOx and PM10 from facilities that emit 15 or more tons per year. South Coast AQMD's NSR program is considered to provide equivalent or greater offsets of emissions as required by state and federal requirements for each subject pollutant provided the balance of offsets in South Coast AQMD's state and federal offset account for each pollutant remains positive, indicating that there were adequate offsets available.

Debit Accounting

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

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

State offset requirements are based on actual emissions rather than maximum allowable permitted potential to emit. South Coast AQMD considers actual emissions as eighty percent of permitted potential to emit⁶. Thus, 0.8 pounds is debited from South Coast AQMD's state accounts for each pound of maximum allowable permitted emissions increase.

Credit Accounting

When emissions from a permitted source are permanently reduced (e.g., installation of control equipment, removal of the source) and the emission reduction is not required by

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⁶ See Status Report on Regulation XIII – New Source Review dated April 2, 2004.

rule or law and is not called for by an AQMP control measure that has been assigned a target implementation date⁷, the permit holder may apply for ERCs for the pollutants reduced. If the permit holder for the source generating the emission reduction had previously received offsets from South Coast AQMD or has a positive NSR balance (i.e., pre-1990 net emission increase), the quantity of South Coast AQMD offsets used or the amount of the positive NSR balance is subtracted from the reduction and "paid back" to South Coast AQMD's accounts prior to issuance of an ERC pursuant to Rule 1306. In certain other cases, permit holders do not always submit applications to claim ERCs or do not qualify to obtain ERCs for their equipment shutdowns or other eligible emission reductions. These unclaimed reductions are referred to as "orphan shutdowns" and are deposited in South Coast AQMD's offset accounts. ERCs provided as offsets by major sources in excess of the applicable federally-required offset ratio and all ERCs provided as offsets by minor sources not subject to federal offset requirements are also deposited in South Coast AQMD's federal offset accounts. A more detailed description of federal credit accounting is provided in Rule 1315(c)(3)(A) and its staff report dated January 7, 2011.

Determination of Equivalency with Federal Offset Requirements

The federal offset requirements FDE for calendar year 2018 and the projections for calendar years 2019 and 2020 are summarized in Tables 1 and 2, respectively. The detailed listing of actual final withdrawals, deposits and sum of withdrawals and deposits are shown in Tables A, B, and C of Attachment 1 to this report.

These account balances, shown in Tables A and B, reflect the tracking sequence described under Rule 1315(c)(5).

California Environmental Quality Act Backstop Provisions

In addition to the equivalency demonstration with the federal offset requirements, Rule 1315(g) requires the tracking of all increases in potential to emit and emission reductions that occur at major and minor facilities and ensure that the cumulative net emission increases in any given year remain below the thresholds, established in Rule 1315.

Pursuant to Rule 1315(g)(1), net emission increases of nonattainment air contaminants at major and minor facilities are based on the sum of aggregate increases in potential to emit and aggregate emissions reductions at major and minor facilities pursuant to Rule 1304 – Exemptions or Rule 1309.1 – Priority Reserve.

Aggregate increases in potential to emit for major and minor sources include potential to emit increases from the Priority Reserve or Community Bank pursuant to Rule

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⁷ Refer to Rule 1309(b) for a complete explanation of eligibility requirements.

1309.1 and exemptions from the offset requirements of Rule 1303 – Requirements pursuant to Rule 1304 – Exemptions.

Aggregate emissions reductions for major and minor sources include, but are not limited to, potential to emit reductions as a result of orphan shutdowns and/or orphan reductions.

In addition, pursuant to Rule 1315(g)(2), projections of cumulative net emission increases at the end of the two subsequent reporting periods are based upon the average of the aggregate increase in potential to emit of each nonattainment air contaminant and the average of the aggregate emissions reductions of the same nonattainment air contaminant for the five reporting periods most recently included in a PDE or an FDE for each of the reporting periods commencing with the 2011 reporting period, whichever is fewer reporting periods. For calendar year 2018 FDE, the averages are based on the 2014, 2015, 2016, 2017 and 2018 aggregate increases in potential to emit and aggregate emissions reductions. The purpose of Rule 1315(g) is to ensure that implementation of Rule 1315 does not cause emission increases beyond those analyzed in the CEQA document for Rule 1315.

Cumulative net emission increases and projected cumulative net emission increases must remain below the thresholds shown in Table B of Rule 1315 in order for the Executive Officer to be able to continue to issue permits to exempt sources pursuant to Rule 1304 or subject to Rule 1309.1 Priority Reserve.

Conclusions

The analysis presented in this report demonstrates the following:

- For calendar year 2018, South Coast AQMD's NSR program provides equivalent offsets to those required by state and federal NSR requirements and is equivalent to the state and federal requirements on an aggregate basis. This conclusion is based on the fact that the final ending state and federal offset account balances for this calendar year reporting period, as shown in Tables 1 and 5, remained positive for all pollutants.
- South Coast AQMD's projected federal offset account balances for 2019 and 2020 are projected to remain positive. This means that the sum of the estimated deposits to and withdrawals from South Coast AQMD's federal offset accounts during 2019 and 2020 are projected to remain positive and, therefore, demonstrates that South Coast AQMD's NSR program is equivalent to federal NSR requirements, as show in Table 2.
- From the date of adoption of Rule 1315 (February 4, 2011) to the end of calendar year 2018, both the cumulative net emission increase of each nonattainment air contaminant at major and minor facilities and the projected cumulative net emission increase for 2019 and 2020 remained below the

thresholds identified in Table B of Rule 1315, and therefore the Executive Officer can continue to issue permits to construct and permits to operate that rely on further use of Rule 1304 exemptions or Rule 1309.1 Priority Reserve offsets to major and minor sources, as shown in Tables 3 and 4.

ATTACHMENTS

- 1. Detailed listing of actual debits, actual credits and sum of debits and credits.
- 2. Board Meeting Presentation

ATTACHMENT 1

Detailed listing of actual debits, actual credits and sum of debits and credits.

Table A
Total Actual Debits from South Coast AQMD's Federal Offset Accounts
(January 2018 through December 2018)

South Coast AQMD OFFSETS USED	VOC	NOx	SOx	PM10
Priority Reserve (lbs/day)	-13	-11	0	0
Community Bank ^a (lbs/day)	0	0	0	0
Rule 1304 Exemptions (lbs/day)	-255	-310	-120	-467
Sum Total of South Coast AQMD Offsets (lbs/day)	-268	-321	-120	-467
1.2-to-1.0 Offset Ratio (lbs/day)	-54	-64	N/A	N/A
Total Actual Debits to South Coast AQMD Account (lbs/day)	-322	-385	-120	-467
Total Actual Debits to South Coast AQMD Account (tons/day)	-0.16	-0.19	-0.06	-0.23

^a Updated VOC value.

Table B
Total Actual Credits to South Coast AQMD's Federal Offset Accounts
(January 2018 through December 2018)

CREDITS RECEIVED	VOC	NOx	SOx	PM10
Major Source Orphan Credits (lbs/day)	1,075	940	0	1
Minor Source Orphan Credits (lbs/day)	6,015	762	210	1,308
Total Orphan Credits (lbs/day)	7,090	1,702	210	1,309
Adjustment to Actual Emissions ^a (lbs/day)	-1,418	-340	-42	-262
Discount of ERCs ^b (lbs/day)	0	0	0	2
Creditable Minor Source ERC Use (lbs/day)	0	0	0	0
Creditable Major Source ERC Use (lbs/day)	0	0	0	0
Total Actual Credits to South Coast AQMD Account (lbs/day)	5,672	1,362	168	1,049
Total Actual Credits to South Coast AQMD Account (tons/day)	2.84	0.68	0.08	0.52

Adjustment of orphan shutdown and orphan reduction offset credits deposited in South Coast AQMD offset accounts to correct from potential emissions to actual emissions as discussed in Rule 1315(c)(3)(B)(i).

Table C
Sum of Final Credits/Debits Activities in South Coast AQMD's Federal Offset
Accounts
(January 2018 through December 2018)

Description	VOC	NOx	SOx	PM10
Total Actual Debits ^a (lbs/day)	-322	-385	-120	-467
Total Actual Credits ^a (lbs/day)	5,672	1,362	168	1,049
Sum of Actual Debits(-)/Credits(+)a (lbs/day)	5,350	977	48	582
Sum of Actual Debits(-)/Credits(+) ^a (tons/day)	Z. DX	0.49	0.02	0.29

Debits are shown as negative and Credits as positive, while their sum is shown as negative or positive, as appropriate.

Prior to issuance of ERCs, they are discounted for NSR "Payback," which includes payback of NSR balance, Community Bank and Priority Reserve allocations, and offset exemptions, as discussed in Rule 1315(c)(3)(A)(v) and Rule 1306(c).

Status Report on Regulation XIII - New Source Review

Governing Board Meeting September 4, 2020



New Source Review Status Report Overview Purpose

Demonstrate that South Coast AQMD's NSR program is in compliance with applicable state and federal NSR offset requirements as required by the California Air Resources Board, US EPA, and South Coast AQMD Rules 1310 and 1315





NSR Status Report Overview History

- South Coast AQMD has produced Annual NSR Status
 Reports going back to 1990
- Around 2002 2004 EPA requested South Coast AQMD to adopt a rule to memorialize equivalency demonstrations
- South Coast AQMD adopted Rule 1315 Federal NSR Tracking System in 2006 / 2007 and adopted revisions in February 2011
- EPA approved Rule 1315 into the SIP and it became effective on June 25, 2012





Rule 1315 - Federal NSR Tracking System

Rule 1315 established procedures to demonstrate equivalency with federal NSR offset requirements for sources exempt from offsets

- ✓ Tracks debits from and credits to South Coast AQMD's federal internal offset account for each pollutant
- ✓ Annual Preliminary Determination of Equivalency (PDE), Final Determination of Equivalency (FDE), and Projections
- ✓ Balances in South Coast AQMD's federal offset accounts must remain positive
- ✓ Cumulative Net Emission Increases must remain below Rule 1315(g) threshold



Federal NSR Offset Accounts

Final Determination of Equivalency (FDE), CY 2018

DESCRIPTION		(Tons	/ Day)	
DESCRIPTION	VOC	NOx	SOx	PM10
2017 Final Ending Balance	107.81	23.43	4.27	16.02
2018 Total Credits	2.84	0.68	0.08	0.52
2018 Total Debits	-0.16	-0.19	-0.06	-0.23
2018 Total Discount of Credits for Surplus Adjustment	0.00	0.00	0.00	0.00
2018 Final Ending Balance	110.49	23.92	4.29	16.31

5

Federal Cumulative Net Emission Increase

February 4, 2011 - December 31, 2018

DESCRIPTION	(Tons / Day)			
DESCRIPTION	VOC	NOx	SOx	PM10
2017 Cumulative Net Emission Increase	-19.73	-3.19	-0.78	-0.70
2018 Increases in Potential to Emit	1.89	0.70	0.14	0.62
2018 Decreases in Potential to Emit	-3.55	-0.85	-0.11	-0.65
2018 Cumulative Net Emission Increase	-21.39	-3.34	-0.75	-0.73
Rule 1315(g) Table B Threshold	10.12	0.76	0.24	1.48

-6

Projected Federal NSR Offset Accounts CY 2019

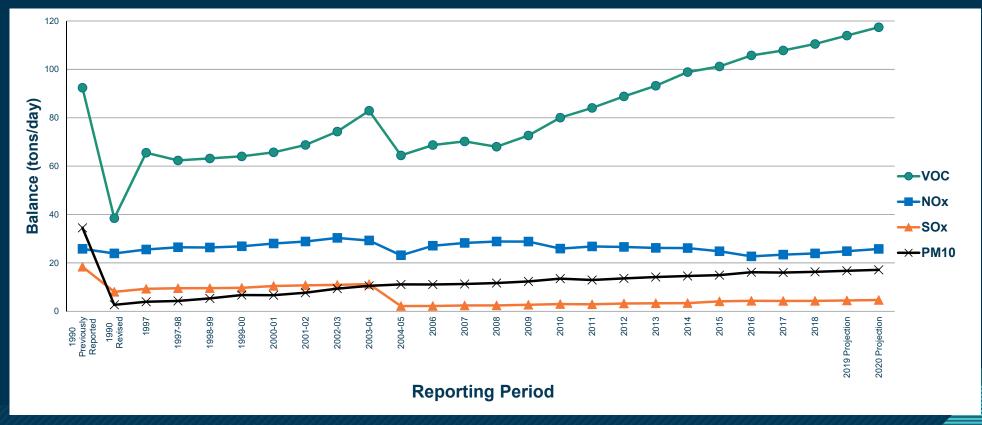
DESCRIPTION	(Tons / Day)			
DESCRIPTION	VOC	NOx	SOx	PM10
2018 Final Ending Balance	110.49	23.92	4.29	16.31
CY 2019 Total Projected Credits	3.88	1.15	0.25	0.62
CY 2019 Total Projected Debits	-0.42	-0.22	-0.06	-0.20
CY 2019 Projected Ending Balance	113.95	24.85	4.48	16.73



DESCRIPTION	(Tons / Day)			
DESCRIPTION	VOC	NOx	SOx	PM10
CY 2019 Projected Ending Balance	113.95	24.85	4.48	16.73
CY 2020 Total Projected Credits	3.88	1.15	0.25	0.62
CY 2020 Total Projected Debits	-0.42	-0.22	-0.06	-0.20
CY 2020 Projected Ending Balance	117.41	25.78	4.67	17.15

Я

Federal Offset Account Balances (1990 - 2018 with 2019 - 2020 Projections)



State NSR Offset Accounts

Final Determination of Equivalency (FDE), CY 2018

DESCRIPTION	(Tons / Day)			
DESCRIPTION	VOC	NOx	SOx	PM10
2018 Actual Starting Balance	83.93	35.27	9.04	21.83
2018 Actual Total Credits	2.84	0.68	0.08	0.52
2018 Actual Total Debits	-1.51	-0.56	-0.06	-0.19
2018 Actual Ending Balance	85.26	35.39	9.06	22.16



Conclusions

- The Final Determination of Equivalency for CY 2018 shows South Coast AQMD's NSR program continued to be at least equivalent to the state and federal NSR offset requirements
- For CYs 2019 and 2020 it is also projected that South Coast AQMD's NSR program will continue to be at least equivalent to the federal NSR offset requirements
- The Cumulative Net Emission Increases for CY 2018 remained below the thresholds identified in Table B of Rule 1315(g)(4)
- Next Preliminary Determination of Equivalency for CY 2019 will be presented to the Governing Board in February 2021

Agenda Item: 30



Budget and Economic Outlook Update

Board Meeting

September 4, 2020



Presentation Topics

- Economic Indicators
- South Coast AQMD Metrics and Economic Implications
- Summary Charts

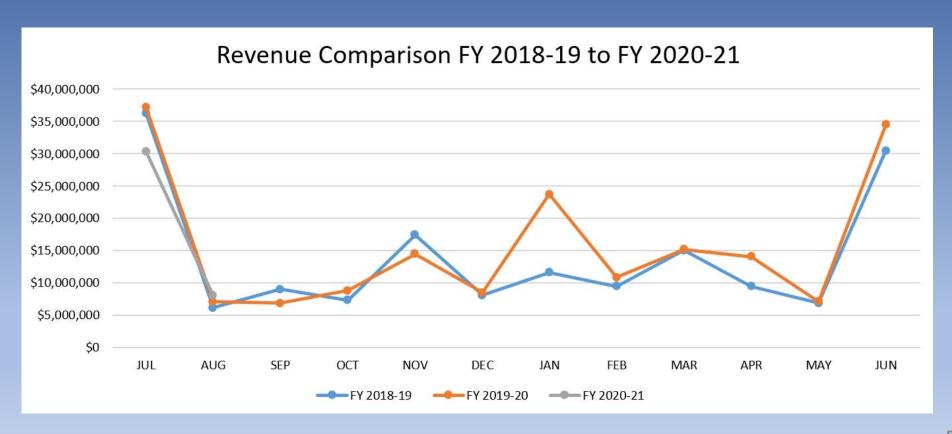
Summary of Metrics – Monthly

Metric			
State Economic Indicators	July 2019	July 2020	Notes
Statewide Refinery Activity (Million Barrels Crude Oil Input)	48	42	
Port TEU Throughput (Million TEUs)	1.5	1.6	LB – highest month ever LA – 2 nd highest July ever
Statewide Unemployment %	4.0 %	13.3 %	
South Coast AQMD	August 2019	August 2020	
Revenue	\$7.1 million	\$8.0 million	
Expenditures	\$12.3 million	\$11.8 million	
Vacancy Rate	17.3%	16.2 %	
Permit Applications Received	471	332	Aug. 2020 preliminary data
Expired Permits	125	390 (worst case)	Have 1 year to reinstate
Fee Review Requests	6	8	
CEQA Activity	84	43	2

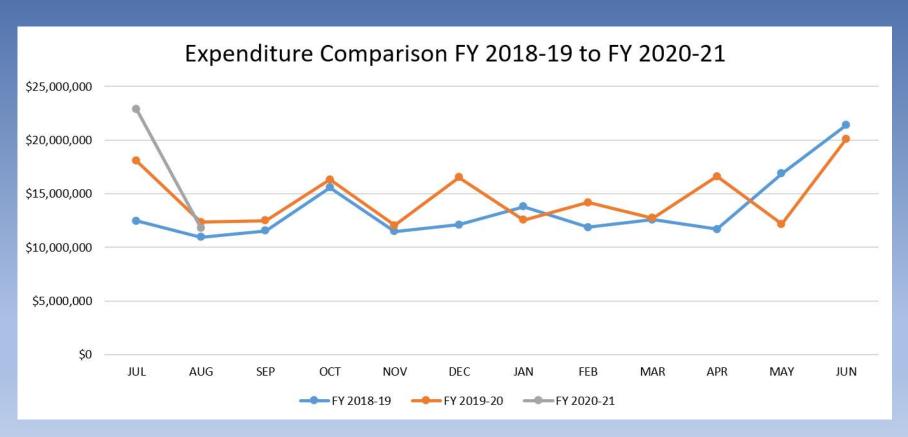
Summary of Metrics – Year to Date

Metric	Jan July 2019	Jan July 2020	Notes
U.S. GDP (2nd Quarter, \$ trillions)	21.3	19.4	GDP as of 7-30-20
State Economic Indicators			
Refinery Activity (Million Barrels Crude Oil Input)	343	293	
Port TEU Throughput (Million TEUs)	9.8	8.8	Both Ports coming off successive years of record-breaking growth
South Coast AQMD	Jan August 2019	Jan. – August 2020	
Revenue	\$127.3 million	\$143.9 million	
Expenditures	\$118.6 million	\$123.0 million	Timing of pay periods
Vacancy Rate, end August	17.3 %	16.2 %	
Permit Applications Received	5,175	4,418	Aug. 2020 preliminary data
Expired Permits	794	1,842	Have 1 year to reinstate
Fee Review Requests	28	100	
CEQA Activity	475	320	4

Revenue



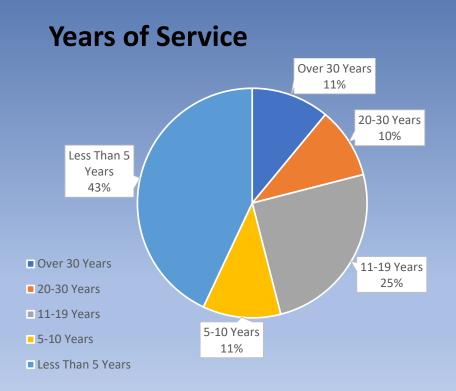
Expenditures



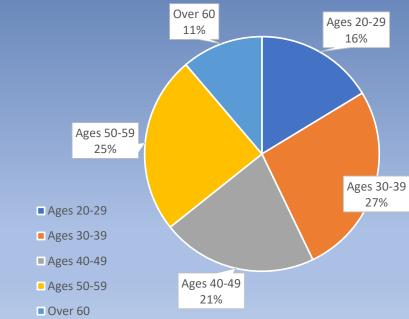
Staffing Levels as of 9/4/20

- 945 budgeted FTEs
- 153 vacant positions
- 792 filled positions
- 16.2 % vacancy rate

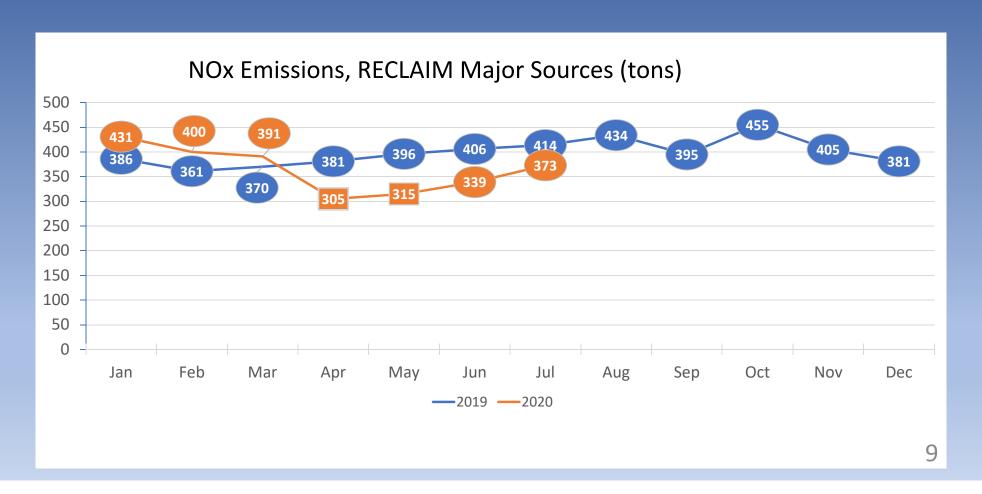
Workforce Characteristics as of 7/30/20



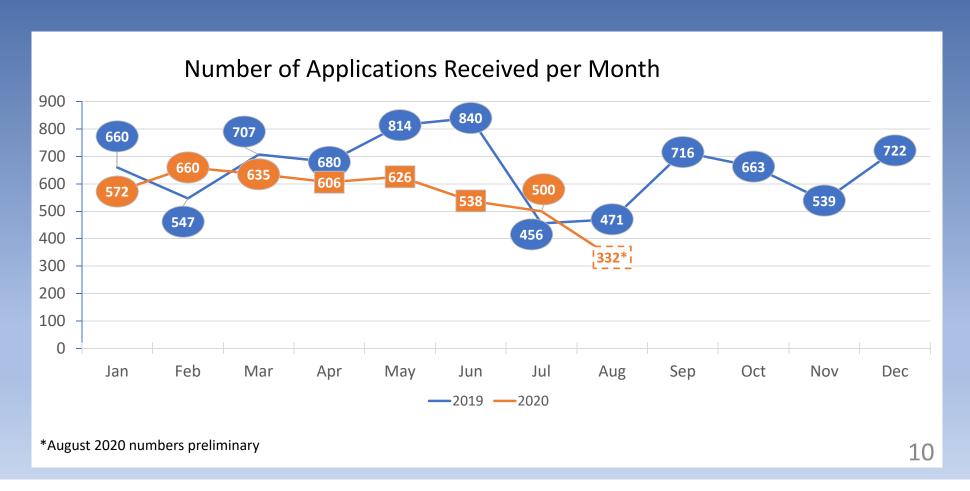




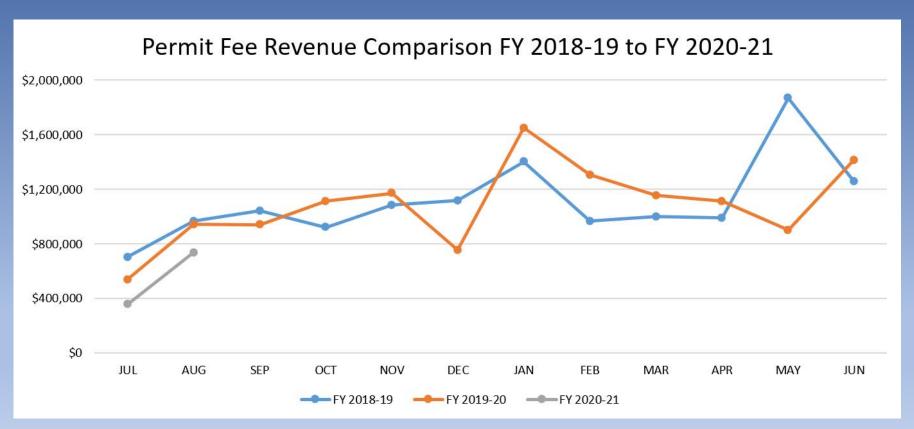
Emission Trends



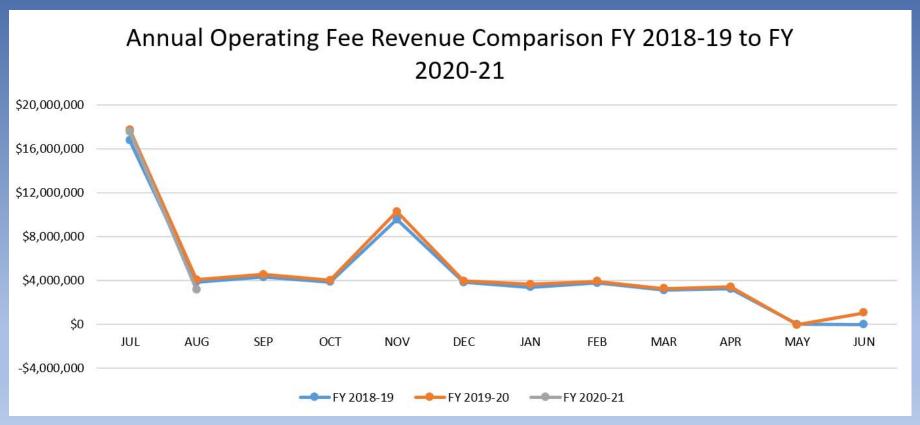
Permit Activity



Permit Revenue

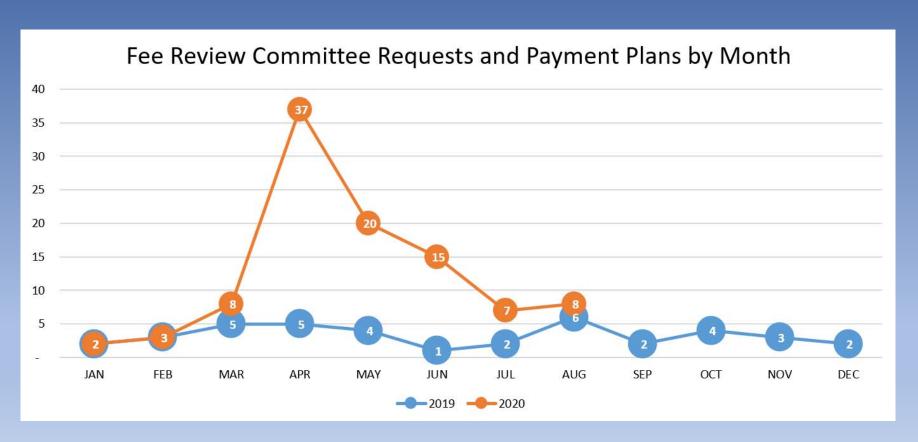


Annual Operating Fee Revenue

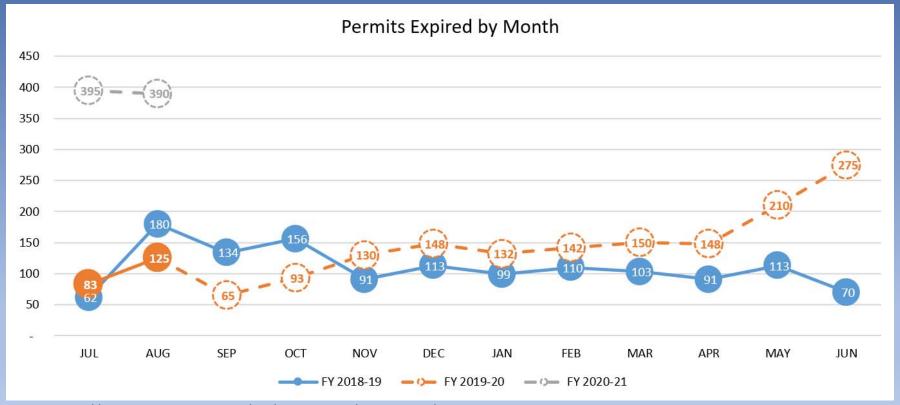


Annual operating fees are billed 60 days in advance. Invoices generated in May & June are recognized as revenue in July Annual RECLAIM fee invoices are sent in November of each fiscal year

Fee Review Committee Requests

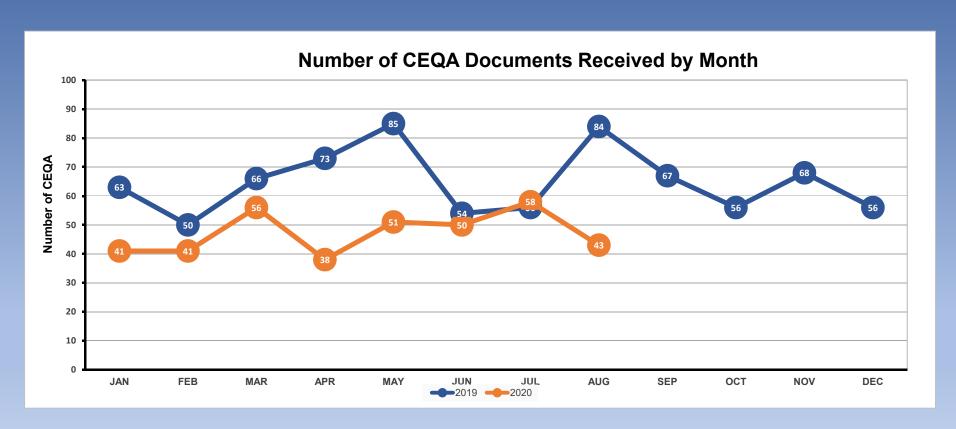


Expired Permits



Dotted lines represent permits that have time to be reinstated

CEQA Activity



Summary of Metrics – Monthly

Metric			
State Economic Indicators	July 2019	July 2020	Notes
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Expired Permits	794	1,842	Have 1 year to reinstate
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CEQA Activity	475	320	17



BOARD MEETING DATE: September 4, 2020 AGENDA NO. 31

PROPOSAL: Determine That Proposed Amendments to Rule 1111 – Reduction

of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces, and Revisions to the Clean Air Furnace Rebate Program

Are Exempt from CEQA; Amend Rule 1111 and Approve

Revisions to the Clean Air Furnace Rebate Program

SYNOPSIS: Rule 1111 establishes a NOx emission limit of 14 ng/J for

residential and commercial gas furnaces. Proposed Amended Rule 1111 will extend the mitigation fee alternative compliance option from October 1, 2020 to September 30, 2021 for weatherized furnaces and extend the exemption from October 1, 2020 to September 30, 2021 for high-altitude furnaces. The proposed amendments would also include an exemption for gas-electric dual fuel systems with low-NOx furnaces (40 ng/J) installed at high altitudes until September 30, 2022. Staff is also recommending modifications to the Clean Air Furnace Rebate program to increase

funding and consumer rebates.

COMMITTEE: Stationary Source, June 19 and August 21, 2020, Reviewed

RECOMMENDED ACTIONS:

Adopt the attached Resolution:

- 1. Determining that the proposed amendments to Rule 1111 Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces, and revisions to the Clean Air Furnace Rebate Program are exempt from the requirements of the California Environmental Quality Act;
- 2. Amending Rule 1111 Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces; and
- 3. Recognizing into the Air Quality Investment Fund 27 (Rule 1111), \$3,500,000 and revising the Clean Air Furnace Rebate Program to incentivize installation of 14 ng/J furnaces and electric heat pumps.

Wayne Nastri Executive Officer

Background

Rule 1111 - Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces, was adopted in December 1978 and establishes a NOx emission limit for residential and commercial gas-fired fan-type space heating furnaces. In 2009, Rule 1111 was amended to lower the NOx emission limit from 40 to 14 ng/Joule (ng/J), and again amended in 2014 to include a mitigation fee alternative compliance option to allow additional time for manufacturers to commercialize 14 ng/J furnaces. The rule applies to manufacturers, distributors, sellers and installers of such furnaces.

Rule 1111 has a staggered implementation schedule, depending on the furnace type. Condensing and non-condensing furnaces installed at elevations below 4,200 feet were the first group of furnaces which had to meet the 14 ng/J NOx emission limit on September 30, 2019. On October 1, 2020 weatherized, condensing and non-condensing furnaces installed at elevations greater than or equal to 4,200 feet above sea level (high-altitude) must meet the 14 ng/J NOx emission limit. Although some manufacturers will have compliant furnaces by October 1, 2020, other manufacturers have informed staff that additional time is needed, in part due to COVID-19, to commercialize weatherized furnaces or to complete high altitude testing.

Clean Air Furnace Rebate Program

In March 2018, the Board approved \$3 million to fund the Clean Air Furnace Rebate Program using monies collected through the Rule 1111 mitigation fee. Electric & Gas Industries Association (EGIA), a third-party contractor that was selected through a competitive bidding process, administers the Clean Air Furnace Rebate Program on behalf of the South Coast AQMD. In May 2020, the initial \$3 million was exhausted. There is approximately \$4.6 million in Fund 27 (Rule 1111 mitigation fees) from the collection of the Rule 1111 mitigation fees that is currently available.

Public Process

Staff has held ongoing individual meetings with the seven furnace manufacturers to discuss rule implementation status and upcoming compliance dates. The meetings were held individually to provide each manufacturer the ability to discuss confidential information regarding their technology development. In addition, two Proposed Rule 1111 working group meetings were held on June 10, 2020 and July 9, 2020. A public workshop was held on July 15, 2020.

Proposed Amendments

Proposed Amended Rule 1111 (PAR 1111) will provide a 12-month extension to September 30, 2021 for the mitigation fee alternate compliance option for weatherized furnaces and the exemption for high altitude condensing and non-condensing furnace installations (furnaces installed at or above elevations of 4,200 feet above sea level). To provide additional compliance options for installations in high altitude areas, PAR 1111 will allow installations of dual fuel systems with noncompliant 40 ng/J NOx furnaces

until September 30, 2022. PAR 1111 also requires recordkeeping of sales and installations for manufacturers, distributors and installers of 40 ng/J NOx furnaces for operation as propane-firing only and dual fuel systems with noncompliant 40 ng/J NOx furnaces.

Manufacturers, distributors, and installers of dual fuel systems with noncompliant 40 ng/J NOx furnaces for installations at or above 4,200 feet above sea level will need to comply with the same recordkeeping requirements for standalone noncompliant furnaces that are installed in high altitude areas through September 30, 2021. In addition, PAR 1111 includes additional labeling and system design requirements to ensure proper operation of the dual fuel system with a noncompliant 40 ng/J NOx furnace by prioritizing heat pump operation and lockout of the switchover temperature settings at the point of manufacture with a required external temperature sensor installed with every system.

Proposed Revisions to the Clean Air Furnace Rebate Program

To help commercialize and incentivize cleaner residential heating alternatives, staff is recommending that \$3.5 million of the available \$4.6 million from Fund 27 (Rule 1111) be used to expand the consumer rebate program for furnaces described in the table below. A minimum of 25 percent of the recommended funding will be reserved for installations in disadvantaged and low-income communities as identified under SB535 and AB1550, respectively. Staff is recommending a higher rebate for electric heat pumps of \$1,500 to offset the higher cost associated with an air handler and electrical upgrades associated with this zero-emission technology. Staff will return to the Stationary Source Committee by May 2021 to provide an update on the rebate program and recommended changes to the Clean Air Furnace Rebate program, if any.

Proposed Consumer Rebate	Limit for Rebate
\$500 rebate for 14 ng/J furnaces installed in	200 units and no later than
high altitude areas (≥4,200 feet)	September 30, 2021
\$500 rebate for 14 ng/J weatherized furnaces	600 units and no later than
\$500 febate for 14 lig/3 weatherized furnaces	September 30, 2021
\$1,500 rebate for zero emission heat pump	2,000 units or when funds depleted
systems (replacements only)	2,000 units of when funds depleted

Key Issues

Staff has worked with stakeholders throughout the rulemaking process to resolve issues, however, two key issues remain: 1) an additional 60-day sell through provision for weatherized furnaces; and 2) allowing for the sale, distribution and installation of dual fuel systems with a non-compliant 40 ng/J furnace throughout the Basin. Regarding the first issue, two manufacturers have requested a 60-day sell-through provision, that would be in addition to the 12-month extension of the alternative mitigation fee for weatherized furnaces. PAR 1111 will extend the mitigation fee alternative compliance

option for all weatherized units by 12 months to September 30, 2021, an additional six months from the original proposed date of March 31, 2021. The additional six months provides manufacturers time to manage existing orders and inventory. By April 1, 2021, five of the seven manufacturers have plans to commercialize residential or commercial or both residential and commercial weatherized furnaces. It is not clear if the other two manufacturers have any plans to commercialize 14 ng/J weatherized furnaces.

Regarding the second issue, three manufacturers have requested that PAR 1111 expand the provision that allows for the sale, distribution and installation of dual fuel systems with noncompliant 40 ng/J furnaces to apply throughout the Basin, and not just for installations in high elevations. Dual fuel systems are electric heat pumps that provide cooling and heating that are paired with a separate gas furnace that provides supplemental heat when the temperature drops below a set temperature, generally below 32°F.

For the past year, Rule 1111 has only allowed dual fuel systems paired with a 14 ng/J furnace, and all seven furnace manufacturers offer dual fuel systems with a 14 ng/J furnace. Allowing dual fuel systems with a non-compliant 40 ng/J furnace is a significant departure from the Rule 1111 approach, a rule relaxation and would be backsliding. Rule 1111 regulates the emissions from the furnace and focuses on the supply chain from the manufacturer, distributor, and installer. There are enforcement challenges if Rule 1111 shifts to regulate the emissions from the furnace and how that furnace is used, since there are no requirements for the consumer to limit the use of the furnace or to prevent the consumer from disabling or modifying the configuration of a dual fuel system. In addition, a dual fuel system with a 40 ng/J non-compliant furnace would result in 65% higher NOx emissions than a dual fuel system with a 14 ng/J furnace, which are emission reductions forgone for the life of the unit until that unit is replaced. If an alternative compliance option to allow dual fuel systems with a 40 ng/J furnace is incorporated in PAR 1111, the mitigation fee for condensing and noncondensing furnaces should be considered to incentivize dual fuel systems with a compliant 14 ng/J furnace.

Based on comments from manufacturers and input from the Stationary Source Committee, staff is recommending modifying the Clean Air Furnace Rebate Program to increase the rebate from \$1,000 to \$1,500 for all electric heat pumps and to offer this rebate for up to 2,000 units. For most of the Basin, temperatures do not drop below 32°F, and the supplemental gas furnace in a dual fuel system is not needed. A consumer rebate of \$1,500 combined with other rebates from electrical utilities will help to offset the additional cost to install an air handler or electrical upgrades for electric heat pumps. Staff removed the proposal for a \$500 rebate for dual fuel systems with 14 ng/J furnaces, since this is currently required under Rule 1111 and to allow a greater offering for more electric heat pumps.

California Environmental Quality Act (CEQA)

Pursuant to the California Environmental Quality Act (CEQA) Guidelines Sections 15002(k) and 15061, the proposed project is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3). A Notice of Exemption has been prepared pursuant to CEQA Guidelines Section 15062 and is included as Attachment F to this Board letter. If the project is approved, the Notice of Exemption will be filed with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino counties. In addition, the Notice of Exemption will be electronically filed with the State Clearinghouse to be posted on their CEQAnet Web Portal, which may be accessed via the following weblink: https://ceqanet.opr.ca.gov/search/recent.

Socioeconomic Impact Assessment

PAR 1111 does not impose any additional requirements and will have no socioeconomic impacts. Extending compliance dates and increasing rebates will benefit consumers while achieving additional emission reductions from installation of zero-emission heat pumps.

Resource Impacts

Existing staff resources are adequate to implement the proposed rule amendments. The companion rebate program will be implemented by a third-party contractor, Electric & Gas Industries Association, with minimal staff resources required.

Attachments

- A. Summary of Proposal
- B. Key Issues and Responses
- C. Rule Development Process
- D. Key Contacts List
- E. Resolution
- F. Notice of Exemption
- G. Proposed Amended Rule 1111
- H. Final Staff Report
- I. Board Meeting Presentation

ATTACHMENT A SUMMARY OF PROPOSAL

Proposed Amended Rule 1111 – Reductions of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces

Summary of Proposed Amendments

- Extend mitigation fee period for weatherized furnaces by one year to September 30, 2021
- Extend exemption for installations of condensing and non-condensing furnaces at elevations at or above 4,200 feet above sea level by one year to September 30, 2021
- Exempt installations of dual fuel systems with noncompliant furnaces which emit 40 nanogram per joule (ng/J) of nitrogen oxides (NOx), with conditions, at elevations at or above 4,200 feet above sea level until September 30, 2022
- Require manufacturers, distributors, and installers of dual fuel systems with noncompliant 40 ng/J NOx furnaces to maintain records of sales and installations
- Require manufacturers, distributors, and installers of noncompliant furnaces to be sold with propane conversion kits for propane firing only to maintain records of sales and installations

ATTACHMENT B

KEY ISSUES AND RESPONSES

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

Two manufacturers have requested a 60-day sell-through provision, that would be in addition to the 12-month extension of the alternative mitigation fee for weatherized furnaces

PAR 1111 will extend the mitigation fee alternative compliance option for all weatherized units by 12 months to September 30, 2021, an additional six months from the original proposed date of March 30, 2021. The additional six months provides manufacturers time to manage existing orders and inventory. By April 1, 2021, five of the seven manufacturers have plans to commercialize residential or commercial or both residential and commercial weatherized furnaces. It is not clear if the other two manufacturers have any plans to commercialize 14 ng/J weatherized furnaces.

Three manufacturers have requested that dual fuel systems with noncompliant 40 ng/J furnaces be allowed to be sold, distributed and installed throughout the Basin

Dual fuel systems are electric heat pumps that provide cooling and heating that are paired with a separate gas furnace that provides supplemental heat when the temperature drops below a set temperature, generally below 32°F.

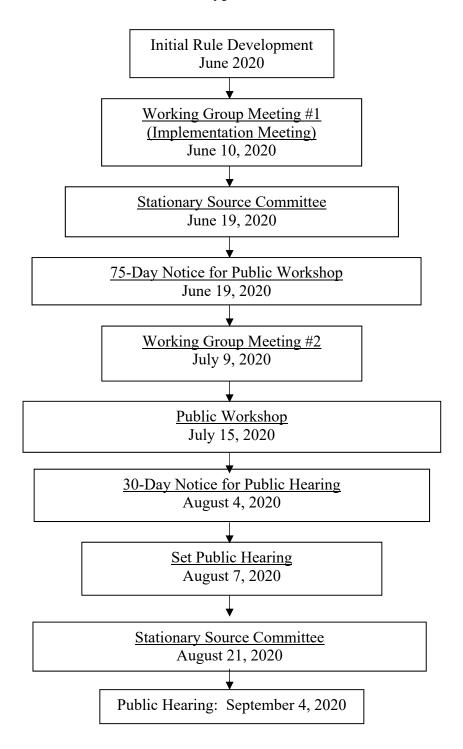
For the past year, Rule 1111 has only allowed dual fuel systems paired with a 14 ng/J furnace, and all seven furnace manufacturers offer dual fuel systems with a 14 ng/J furnace. Allowing dual fuel systems with a non-compliant 40 ng/J furnace is a significant departure from the Rule 1111 approach, a rule relaxation, and would be backsliding. Rule 1111 regulates the emissions from the furnace and focuses on the supply chain from the manufacturer, distributor, and installer. There are enforcement challenges if Rule 1111 shifts to regulate the emissions from the furnace and how that furnace is used, since there are no requirements for the consumer to limit the use of the furnace or to prevent the consumer from disabling or modifying the configuration of a dual fuel system. In addition, a dual fuel system with a 40 ng/J non-compliant furnace would result in 65% higher NOx emissions than a dual fuel system with a 14 ng/J furnace, which are emission reductions forgone for the life of the unit until that unit is replaced. If an alternative compliance option to allow dual fuel systems with a 40 ng/J furnace is incorporated in PAR 1111, the mitigation fee for condensing and non-condensing furnaces should be considered to incentivize dual fuel systems with a compliant 14 ng/J furnace.

Based on comments from manufacturers and input from the Stationary Source Committee, staff has modified the Clean Air Furnace Rebate Program to increase the rebate from \$1,000 to \$1,500 for all electric heat pumps. For most of the Basin, temperatures do not drop below 32°F, and the supplemental gas furnace in a dual fuel system is not needed. A consumer rebate of \$1,500 combined with other rebates from electrical utilities will help to offset the additional cost to install an air handler or electrical upgrades for electric heat pumps. Staff initially considered a rebate for dual fuel systems with 14 ng/J furnaces, but decided to limit this offering for high altitude installations since these systems are currently available at lower elevations.

ATTACHMENT C

RULE DEVELOPMENT PROCESS

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



Three (3) months spent in rule development One (1) Public Workshop Two (2) Working Group Meetings Over 25 individual meetings with stakeholders

ATTACHMENT D

KEY CONTACTS LIST

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Goodman Manufacturing Company

Johnson Controls

Trane Technologies

Lennox International Inc. (+Allied)

Nortek Global HVAC

Carrier Corporation

Bard Manufacturing

The Air Conditioning, Heating, and Refrigeration Institute (AHRI)

Ferguson Enterprises

US Air Conditioning Distributors

Indoor Weather, Heating, Air, and Refrigeration

SoCal Airflow Pros

M&M Mechanical

Dan Seeley's Heating & Air Conditioning

AC Pro

Burgeson's Heating and Air Conditioning

ATTACHMENT E

A Resolution of the South Coast Air Quality Management District (South Coast AQMD) Governing Board determining that Proposed Amended Rule 1111 - Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces, and Revisions to the Clean Air Furnace Rebate Program are exempt from the requirements of the California Environmental Quality Act (CEQA).

A Resolution of the South Coast AQMD Governing Board amending Rule 1111 - Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces.

A Resolution of the South Coast AQMD Governing Board revising the Clean Air Furnace Rebate Program.

WHEREAS, the South Coast AQMD Governing Board finds and determines that Proposed Amended Rule 1111 and the revisions to the Clean Air Furnace Rebate Program are considered a "project" pursuant to CEQA per CEQA Guidelines Section 15002(k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to 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(1), 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 Governing Board finds and determines after conducting a review of the proposed project in accordance with CEQA Guidelines Section 15002(k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA, and CEQA Guidelines Section 15061 – Review for Exemption, procedures for determining if a project is exempt from CEQA, that Proposed Amended Rule 1111 and the revisions to the Clean Air Furnace Rebate Program are exempt from CEQA; and

WHEREAS, the South Coast AQMD Governing Board finds and determines that implementation of the proposed project would result in minimal and temporary forgone NOx emission reductions whereby it can be seen with certainty that there is no possibility that proposed project may have any significant adverse effects on the environment, and is therefore, exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption; and

WHEREAS, the South Coast AQMD staff has prepared a Notice of Exemption for the proposed project, that is completed in compliance with CEQA Guidelines Section 15062 – Notice of Exemption; and

WHEREAS, Proposed Amended Rule 1111, the revisions to the Clean Air Furnace Rebate Program, and supporting documentation, including but not limited to, the Notice of Exemption, the Final Staff Report, and the Board Letter were presented to the South Coast AQMD Governing Board and the South Coast AQMD Governing Board has reviewed and considered this information, and has taken and considered staff testimony and public comment prior to approving the project; and

WHEREAS, the South Coast AQMD Governing Board has determined that no socioeconomic assessment is required under Health and Safety Code Section 40440.8(a) because there are no adverse socio-economic impacts; and further that the proposed amended rule does not "significantly affect air quality or emissions limitations;" and

WHEREAS, 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 Final Staff Report; and

WHEREAS, the South Coast AQMD Governing Board has determined that a need exists to amend Rule 1111 to extend both the alternate compliance option with mitigation fee for weatherized furnaces and the exemption for high altitude installation of condensing and non-condensing furnaces, provide limited exemptions for dual fuel systems with noncompliant 40 ng/J NOx furnaces installed at high altitude in approved configuration, and add new definitions and recordkeeping requirements; and

WHEREAS, the South Coast AQMD Governing Board obtains its authority to adopt, amend, or repeal rules and regulations from Sections, 40000, 40001, 40440, 40702, 40725 through 40728, and 41508 of the California Health and Safety Code; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1111 is written or displayed so that its meaning can be easily understood by the persons directly affected by it; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1111 is in harmony with, and not in conflict with or contradictory to, existing federal or state statutes, court decisions, or regulations; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1111 does not impose the same requirements as any existing state or federal regulation and the proposed amended rule is necessary and proper to execute the powers and duties granted to, and imposed upon, the District; and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1111 references the following statutes which the South Coast AQMD hereby implements, interprets or makes specific: Health and Safety Code Sections 40001(a) (rules to meet air quality standards); 40440(a) (rules to carry out the plan); and 40702 (adoption of rules and regulations); and

WHEREAS, the South Coast AQMD Governing Board has determined that Proposed Amended Rule 1111 does not make an existing emission limit or standard more stringent, and therefore the requirements of Health and Safety Code Section 40727.2 are satisfied; and

WHEREAS, a public hearing has been properly noticed in accordance with the 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 provisions of law; and

WHEREAS, the South Coast AQMD Governing Board specifies the Manager of Proposed Amended Rule 1111and revisions to the Clean Air Furnace Rebate Program, 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 Air Quality Management District, 21865 Copley Drive, Diamond Bar, California; and

WHEREAS, the South Coast AQMD Governing Board, through the Resolution of the March 2018 amendment to Rule 1111, directed the Executive Officer to recognize into Fund 27 (Rule 1111) upon receipt the incremental amount of mitigation fee for each other unit paid by the furnace manufacturers as funding for the Clean Air Furnace Rebate Program; and

NOW, THEREFORE, BE IT RESOLVED, that the South Coast AQMD Governing Board does hereby determine, pursuant to the authority granted by law, that the proposed project 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 reviewed, considered and approved the information therein prior to acting on the proposed project; and

BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board directs the Executive Officer to resume the Clean Air Furnace Rebate Program, with an additional \$3,500,000 from Fund 27 (Rule 1111) as funding while reserving 25% of total funding for installations in disadvantaged communities and to report to the Stationary Source Committee no later than May 21, 2021 on the progress and need for any changes to the Clean Air Furnace Rebate Program; and

BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board directs staff to provide an update as to development of high altitude furnaces, weatherized dual fuel systems with a non-compliant 40 ng/J furnaces for the Basin, and mobile home furnaces to Stationary Source Committee no later than May 21, 2021; and

BE IT FURTHER RESOLVED, that the South Coast AQMD Governing Board directs staff to report the effectiveness of the exemption for dual fuel systems with noncompliant 40 ng/J NOx furnace installed at high altitude in approved configuration to the Stationary Source Committee no later than May 20, 2022. This report shall include, but not be limited to, an assessment of the quantity and models of the dual fuel system being installed, and whether the exemption should be extended or expanded; and

BE IT FURTHER RESOLVED, that the Executive Officer is hereby directed to forward a copy of this Resolution and Proposed Amended Rule 1111 to the California Air Resources Board for approval and subsequent submittal to the U.S. Environmental Protection Agency for inclusion into the State Implementation Plan; 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 1111, as set forth in the Attachment G and incorporated herein by reference, and revisions to the Clean Air Furnace Rebate Program with additional fund.

DATE:	
	CLERK OF THE BOARDS

ATTACHMENT F



QMD (909) 396-2000 • www.aqmd.gov

SUBJECT: NOTICE OF EXEMPTION FROM THE CALIFORNIA ENVIRONMENTAL

QUALITY ACT

PROJECT TITLE: PROPOSED AMENDED RULE 1111 – REDUCTION OF NOX EMISSIONS

FROM NATURAL GAS FIRED, FAN-TYPE CENTRAL FURNACES, AND REVISIONS TO THE CLEAN AIR FURNACE REBATE PROGRAM

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.

The proposed project is comprised Proposed Amended Rule 1111 – Reduction of NOx Emissions from Natural Gas Fired, Fan-Type Central Furnaces, and revisions to the Clean Air Furnace Rebate Program. The proposed amendments to Rule 1111 will: 1) extend the existing mitigation fee alternate compliance option for weatherized units for one year until September 30, 2021; 2) extend the exemption of condensing and non-condensing furnaces for high altitude installations for one year until September 30, 2021; 3) allow installations of dual fuel systems with noncompliant furnaces which emit 40 nanograms per Joule (ng/J) of nitrogen oxides (NOx), with conditions, at elevations of 4,200 feet above sea level or higher until September 30, 2022; and 4) require manufacturers, distributors, and installers of dual fuel systems with noncompliant 40 ng/J NOx furnaces to maintain records of sales and installations. In addition, proposed revisions to the Clean Air Furnace Rebate Program are designed to fund rebates to incentivize installation of the following 14 ng/J NOx compliant equipment: dual fuel condensing or non-condensing furnaces, weatherized furnaces, furnaces installed above 4,200 feet, and all electric heat pump systems.

The proposed project has been reviewed 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 proposed project would result in minimal and temporary forgone NOx emission reductions, it can be seen with certainty there that there is no possibility that the proposed project may have a significant adverse effect on the environment. Therefore, the project is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) – Common Sense Exemption. If the project is approved, this Notice of Exemption will be filed with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino counties. In addition, this Notice of Exemption will be electronically filed with the State Clearinghouse to be posted on their CEQAnet Web Portal which may be accessed via the following weblink: https://ceqanet.opr.ca.gov/search/recent.

Any questions regarding this Notice of Exemption should be directed to Kendra Reif (c/o Planning, Rule Development and Area Sources) at the above address. Ms. Reif can also be reached at (909) 396-2492. Mr. Shawn Wang is also available at (909) 396-3319 to answer any questions regarding Proposed Amended Rule 1111 and the revisions to the Clean Air Furnace Rebate Program.

Date: August 5, 2020 Signature:

Barbara Radlein

Program Supervisor, CEQA Planning, Rule Development and Area Sources

NOTICE OF EXEMPTION FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

To: County Clerks: Counties of Los Angeles, From: South Coast Air Quality Management District

Orange, Riverside and San Bernardino; 21865 Copley Drive and Governor's Office of Planning and Diamond Bar, CA 91765

Research - State Clearinghouse

Project Title: Proposed Amended Rule 1111 – Reduction of NOx Emissions from Natural Gas Fired, Fan-Type Central Furnaces, and Revisions to the Clean Air Furnace Rebate Program

Project Location: The project is located within the South Coast Air Quality Management District (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 portions of the Salton Sea Air Basin (SSAB) and Mojave Desert Air Basin (MDAB).

Description of Nature, Purpose, and Beneficiaries of Project: The proposed project is comprised Proposed Amended Rule 1111 – Reduction of NOx Emissions from Natural Gas Fired, Fan-Type Central Furnaces, and revisions to the Clean Air Furnace Rebate Program. The proposed amendments to Rule 1111 will: 1) extend the existing mitigation fee alternate compliance option for weatherized units for one year until September 30, 2021; 2) extend the exemption of condensing and non-condensing furnaces for high altitude installations for one year until September 30, 2021; 3) allow installations of dual fuel systems with noncompliant furnaces which emit 40 nanograms per Joule (ng/J) of nitrogen oxides (NOx), with conditions, at elevations of 4,200 feet above sea level or higher until September 30, 2022; and 4) require manufacturers, distributors, and installers of dual fuel systems with noncompliant 40 ng/J NOx furnaces to maintain records of sales and installations. In addition, proposed revisions to the Clean Air Furnace Rebate Program are designed to fund rebates to incentivize installation of the following 14 ng/J NOx compliant equipment: dual fuel condensing or non-condensing furnaces, weatherized furnaces, furnaces installed above 4,200 feet, and all electric heat pump systems.

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

Reasons why project is exempt: Pursuant to the California Environmental Quality Act (CEQA), 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 proposed project would result in minimal and temporary forgone NOx emission reductions, it can be seen with certainty there that there is no possibility that the proposed project may have a significant adverse effect on the environment. Therefore, the 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 Hearing: September 4, 2020

CEQA Contact Person: Ms. Kendra Reif	Phone Number: (909) 396-2492	Email: kreif@aqmd.gov	Fax: (909) 396-3982
Rule/Rebate Program Contact Person: Mr. Shawn Wang	Phone Number: (909) 396-3319	Email: swang@aqmd.gov	Fax: (909) 396-3324

Date Received for Filing:	Signature:	(Signed Upon Board Approval)
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Barbara Radlein

Program Supervisor, CEQA

Planning, Rule Development and Area Sources

Attachment G

(Adopted December 1, 1978)(Amended July 8, 1983)(Amended November 6, 2009) (Amended September 5, 2014)(Amended March 2, 2018)-(Amended July 6, 2018) (Amended December 6, 2019)-(Amended September 4, 2020)

PROPOSED AMENDED RULE 1111. REDUCTION OF NO_X EMISSIONS FROM NATURAL-GAS- FIRED, FAN-TYPE CENTRAL FURNACES

(a) Purpose and Applicability

The purpose of this rule is to reduce NOx emissions from fan-type central furnaces, as defined in this rule. This rule applies to manufacturers, distributors, sellers, and installers of residential and commercial fan-type central furnaces, requiring either single-phase or three-phase electric supply, used for comfort heating with a rated heat input capacity of less than 175,000 BTU per hour, or, for combination heating and cooling units, a cooling rate of less than 65,000 BTU per hour.

(b) Definitions

- (1) ANNUAL FUEL UTILIZATION EFFICIENCY (AFUE) is defined in Section 10.1 of Code of Federal Regulations, Title 10, Part 430, Subpart B, Appendix N.
- (2) BTU means British thermal unit or units.
- (3) CONDENSING FURNACE means a high-efficiency furnace that uses a second heat exchanger to extract the latent heat in the flue gas by cooling the combustion gasses to near ambient temperature so that water vapor condenses in the heat exchanger, is collected and drained.
- (4) DUAL FUEL SYSTEM is a heating, ventilation, and air conditioning system utilizing a HEAT PUMP as the primary source of heating and cooling with a FAN-TYPE CENTRAL FURNACE serving as auxiliary heating.
- (54) FAN-TYPE CENTRAL FURNACE is a self-contained space heater using natural gas, or any fan-type central furnace that is in natural gas-firing mode, providing for circulation of heated air at pressures other than atmospheric through ducts more than 10 inches in length that have:
 - (A) a RATED HEAT INPUT CAPACITY of less than 175,000 BTU per hour; or
 - (B) for combination heating and cooling units, a cooling rate of less than 65,000 BTU per hour.

- (65) HEAT INPUT means the higher heating value of the fuel to the furnace measured as BTU per hour.
- (7) HEAT PUMP means an all-electric device that utilizes condensation and evaporation of refrigerant to absorb and release heat for heating, ventilation, and air conditioning applications.
- (8) MOBILE HOME means a prefabricated structure on a permanently attached chassis.
- (9) MOBILE HOME FURNACE means a furnace designed specifically and solely for installation to heat a mobile home.
- (106) NOx EMISSIONS means the sum of nitrogen oxide and nitrogen dioxide (oxides of nitrogen) in the flue gas, collectively expressed as nitrogen dioxide.
- (117) RATED HEAT INPUT CAPACITY means the gross HEAT INPUT of the combustion device.
- (128) RESPONSIBLE OFFICIAL means:
 - (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.
- (139) SINGLE FIRING RATE means the burners and control system are designed to operate at only one fuel input rate and the control system cycles burners between the maximum heat output and no heat output.
- (1410) USEFUL HEAT DELIVERED TO THE HEATED SPACE is the AFUE (expressed as a fraction) multiplied by the heat input.
- (<u>15</u>11) VARIABLE FIRING RATE means the burners and control system are designed to operate at more than one fuel input rate and the control system cycles burners between two or more heat output rates and no heat output.
- (<u>16</u>+2) WEATHERIZED means designed for installation outside of a building, equipped with a protective jacket and integral venting, and labeled for outdoor installation.

(c) Requirements

- (1) A manufacturer shall not, after January 1, 1984, manufacture or supply for sale or use in the South Coast Air Quality Management District fan-type central furnaces, unless such furnaces meet the requirements of paragraph (c)(3).
- (2) A person shall not, after April 2, 1984, sell or offer for sale within the South Coast Air Quality Management District fan-type central furnaces unless such furnaces meet the requirements of paragraph (c)(3).
- (3) Fan-type central furnaces shall:
 - (A) not emit more than 40 nanograms of oxides of nitrogen (calculated as NO₂) per joule of useful heat delivered to the heated space; and
 - (B) be certified in accordance with subdivision (d) of this rule.
- (4) On or after October 1, 2012, a person shall not manufacture, supply, sell, offer for sale, or install, for use in the South Coast Air Quality Management District, fan-type central furnaces subject to this rule, unless such furnace complies with the applicable emission limit and compliance date set forth in Table 1 and is certified in accordance with subdivision (d) of this rule.

Table 1 – Furnace NOx Limits and Compliance Schedule

Compliance Date	Equipment Category	NOx Emission Limit (nanograms/Joule *)
October 1, 2012	Mobile Home Furnace	40
April 1, 2015	Condensing Furnace	14
October 1, 2015	Non-condensing Furnace	14
October 1, 2016	Weatherized Furnace	14
October 1, 2018	Mobile Home Furnace	14

^{*} Nanograms of oxides of nitrogen (calculated as NO₂) per joule of useful heat delivered to the heated space

- (5) Any manufacturer of fan-type central furnaces regulated by this rule may elect to pay a per unit mitigation fee in lieu of meeting the 14 nanogram/Joule NOx emission limit in Table 1 of paragraph (c)(4) of this rule, provided the manufacturer complies with the following requirements:
 - (A) Prior to the phase one mitigation fee start date specified in Table 2, pays a per unit mitigation fee of \$200 for each condensing furnace

- and \$150 for each other type of furnace distributed or sold into the South Coast AQMD-SCAQMD, disregarding the furnace size.
- (B) On and after the phase one mitigation fee start date but no later than the mitigation fee option end date specified in Table 2, pays a per unit phase one or phase two mitigation fee for each condensing, non-condensing, weatherized, or mobile home furnace according to Table 2.

Table 2 – Alternate Compliance Plan with the Phase One and Phase Two Mitigation Fee Schedules

Furnace		Phase One Mitigation Fee		Phase Two Mitigation Fee		
Size Range	Furnace Category	Phase One Mitigation Fee Start Date	Phase One Mitigation Fee (\$/Unit)	Phase Two Mitigation Fee Start Date	Phase Two Mitigation Fee (\$/Unit)	Phase Two Mitigation Fee Option End Date
	Condensing	May 1, 2018	\$275	October 1, 2018	\$350	September 30, 2019
	Non- condensing	October 1, 2018	\$225	April 1, 2019	\$300	September 30, 2019
≤ 60,000 BTU/hr	Weatherized	October 1, 2018	\$225	April 1, 2019	\$300	September 30, 2021 September 30, 2020
	Mobile Home	October 1, 2018	\$150	April 1, 2019	\$150	September 30, 2021
> 60,000 Btu/hr and ≤ 90,000 BTU/hr	Condensing	May 1, 2018	\$300	October 1, 2018	\$400	September 30, 2019
	Non- condensing	October 1, 2018	\$250	April 1, 2019	\$350	September 30, 2019
	Weatherized	October 1, 2018	\$250	April 1, 2019	\$350	September 30, 2021 September 30, 2020
	Mobile Home	October 1, 2018	\$150	April 1, 2019	\$150	September 30, 2021
> 90,000 BTU/hr	Condensing	May 1, 2018	\$325	October 1, 2018	\$450	September 30, 2019
	Non- condensing	October 1, 2018	\$275	April 1, 2019	\$400	September 30, 2019
	Weatherized	October 1, 2018	\$275	April 1, 2019	\$400	September 30, 2021 September 30, 2020
	Mobile Home	October 1, 2018	\$150	April 1, 2019	\$150	September 30, 2021

- (C) Submits an alternate compliance plan for each 12 month time period after the applicable Table 1 compliance date during which the manufacturer elects to pay the mitigation fee in lieu of meeting the NOx emission limit.
- (D) Submits to the <u>South Coast AQMDSCAQMD</u> an alternate compliance plan no later than 60 days prior to the applicable compliance date, or no later than March 16, 2018 for the condensing furnace compliance plan starting on April 1, 2018, which includes the following:
 - a letter with the name of the manufacturer requesting the mitigation fee compliance option signed by a responsible official identifying the category of fan-type central furnaces and the 12 month alternate compliance period that the mitigation fees cover;
 - (ii) an estimate of the quantity of applicable Rule 1111 fan-type central furnaces to be distributed or sold into the South Coast AQMDSCAQMD during the alternate compliance period, which estimate shall be based on total distribution and sales records or invoices of condensing, non-condensing, weatherized or mobile home fan-type central furnaces that were distributed or sold into the South Coast AQMD SCAQMD-during the 12 month period of July 1 to June 30 prior to the applicable compliance date, along with supporting documentation;
 - (iii) a completed <u>South Coast AQMD SCAQMD</u> Form 400A with company name, identification that application is for an alternate compliance plan (section 7 of form), identification that the request is for the Rule 1111 mitigation fee compliance option (section 9 of form), and signature of the responsible official;
 - (iv) a check for payment of the alternate compliance plan filing fee (Rule 306, section-subdivision (c)).
- (E) Submits to the Executive Officer a report signed by the responsible official for the manufacturer identifying by model number the quantity of Rule 1111 fan-type central furnaces actually distributed

or sold into <u>South Coast AQMD</u> <u>SCAQMD</u> and a check for payment of mitigation fees for the applicable 12 month alternate compliance period for the quantity of applicable Rule 1111 fan-type central furnaces distributed or sold into the <u>South Coast AQMD SCAQMD</u> during the alternate compliance period. The report and the payment of mitigation fees must be submitted to the <u>South Coast AQMD SCAQMD</u> no later than thirty (30) days after the end of each 12-month mitigation fee alternate compliance period.

- (F) Notwithstanding the requirements set forth in subparagraph (c)(5)(E), during the phase one period specified in Table 2, submits a report signed by the responsible official for the manufacturer identifying by model number the quantity of Rule 1111 fan-type central furnaces actually distributed or sold into South Coast AQMD SCAQMD and a check for payment of mitigation fees for the phase one period no later than thirty (30) days after the end of the phase one period. The 12-month compliance plan payment as specified in subparagraph (c)(5)(E) that includes this phase one period shall be reconciled so as not to include the phase one payment.
- (G) For the last and remaining 6-month period of the condensing furnace final alternate compliance plan ending on September 30, 2019, specified in Table 2, submits a report signed by the responsible official for the manufacturer identifying by model number the quantity of Rule 1111 fan-type central furnaces condensing furnaces actually distributed or sold into SCAQMD—and a check for payment of mitigation fees to the SCAQMD no later than October 30, 2019.

(d) Certification

- (1) The manufacturer shall have each appliance model tested in accordance with the following:
 - (A) Oxides of nitrogen measurements, test equipment, and other required test procedures shall be in accordance with <u>South Coast</u> AQMD SCAQMD Method 100.1.
 - (B) Operation of the furnace shall be in accordance with the procedures specified in Section 4.0 of Code of Federal Regulations, Title 10, Part 430, Subpart B, Appendix N.

(2) One of the two formulas shown below shall be used to determine the nanograms of oxides of nitrogen per joule of useful heat delivered to the heated space:

$$N = \underbrace{4.566 \times 10^4 \times P \times U}_{H \times C \times E}, \qquad N = \underbrace{3.655 \times 10^{10} \times P}_{(20.9-Y) \times Z \times E}$$

Where:

N = nanograms of emitted oxides of nitrogen per joule of useful heat.

P = concentration (ppm volume) of oxides of nitrogen in flue gas as tested.

U = volume percent CO₂ in water-free flue gas for stoichiometric combustion.

H = gross heating value of fuel, BTU/cu.ft. (60°F, 30-in. Hg).

C = measured volume percent of CO₂ in water-free flue gas, assuming complete combustion and no CO present.

E = AFUE, percent (calculated using Table 2).

 $Y = \text{volume percent of } O_2 \text{ in flue gas.}$

Z = heating value of gas, joules/cu. meter (0.0°C, 1 ATM).

- (3) Prior to the date a furnace model is first shipped to a location in the <u>South Coast AQMDSCAQMD</u> for use in the District, the manufacturer shall obtain Executive Officer's approval for the emission test protocol and emission test results verifying compliance with the applicable NOx limit specified in Table 1, submitting the following:
 - (A) A statement that the model is in compliance with subdivision (c). (The statement shall be signed by a responsible official and dated, and shall attest to the accuracy of all statements.)
 - (B) General Information
 - (i) Name and address of manufacturer.
 - (ii) Brand name.
 - (iii) Model number, as it appears on the furnace rating plate.
 - (C) A description of the furnace and specifications for each model being certified.

- (e) Identification of Compliant Units
 - (1) The manufacturer of the furnace complying with subdivisions (c) and (d) shall display the following on the shipping container label and rating plate of the furnace:
 - (A) Model number;
 - (B) Heat input capacity;
 - (C) Applicable NOx emission limit in Table 1; and
 - (D) Date of manufacture or date code.
 - (2) Any non-certified furnace shipped to a location in the South Coast Air Quality Management District for distribution or sale outside of the District shall have a label on the shipping container identifying the furnace as not certified for use in the District.
 - (3) Consumer Notification Requirement
 - (A) For the purposes of subparagraph (e)(3)(B), "Informative Materials" shall mean the following:
 - (i) The consumer brochure for the furnace;
 - (ii) The technical specification sheet for the furnace; and
 - (iii) The manufacturer's website that promotes, discusses, or lists the furnace.
 - (B) Effective October 1, 2018, for any furnace that is for distribution or sale inside of the South Coast Air Quality Management District that is using an alternate compliance plan in lieu of meeting the 14 ng/J certification limit, a manufacturer shall only distribute or publish Informative Materials that clearly display the following language: "If installed in South Coast AQMD SCAQMD only: This furnace does not meet the South Coast AQMD SCAQMD Rule 1111 NOx emission limit (14 ng/J), and thus is subject to a mitigation fee of up to \$450. This furnace is not eligible for the Clean Air Furnace Rebate Program:

www.CleanAirFurnaceRebate.com."

- (C) A manufacturer may use alternative language in lieu of subparagraph (e)(3)(B), provided the alternative language is:
 - (i) Similar to the language in subparagraph (e)(3)(B);
 - (ii) Submitted to the Executive Officer by August 1, 2018; and
 - (iii) Approved by the Executive Officer no later than August 31, 2018.

The manufacturer shall use the language in subparagraph (e)(3)(B) if the alternative language is not approved.

(f) Enforcement

The Executive Officer may periodically conduct such tests as are deemed necessary to ensure compliance with subdivision \underline{s} (c), (d), and (e).

(g) Exemptions

- (1) The provisions of this rule shall not apply to furnaces installed in mobile homes before October 1, 2012.
- (2) For furnaces manufactured, purchased, and delivered to the South Coast Air Quality Management District prior to the applicable compliance date in Table 1, any person may, until 300 days after the applicable compliance date, sell, offer for sale, or install such a furnace in the District, so long as the furnace meets the requirements of paragraph (c)(3) and subdivisions (d) and (e).
- (3) For furnaces that have been encumbered in a contractual agreement, signed prior to January 1, 2018, by a furnace manufacturer or distributor for future or planned construction, the manufacturer shall be allowed to sell the units within the SCAQMDSouth Coast AQMD at the mitigation fee specified in subparagraph (c)(5)(A), provided:
 - (A) An application for exemption is submitted to the Executive Officer prior to April 2, 2018;
 - (B) The total quantity of furnaces in application(s) by any one manufacturer does not exceed 15% of furnaces distributed and sold in the previous compliance plan period;
 - (C) Those furnaces are sold no later than their mitigation fee option end dates specified in Table 2; and
 - (D) The following documents and information are provided to the Executive Officer, including but not limited to:
 - (i) contractual agreement for the units sold or to be sold in the District;
 - (ii) quantity, model number, and serial number of the subject units;
 - (iii) contract execution date; and
 - (iv) name(s) of the contractor (s).

- (E) Failure to comply with the requirements specified in subparagraphs (g)(3)(A) through (g)(3)(D) shall result in the requirement to paying or retroactively paying the corresponding mitigation fee specified in paragraph (c)(5) within 30 days upon notification from the Executive Officer.
- (4) The manufacturer of any natural gas furnace that is not certified to meet 14 ng/J of NOx emission and is to be installed with a propane conversion kit for propane firing only in the <u>South Coast AQMDSCAQMD</u>, is exempt from subdivisions (c) and (d), provided:
 - (A) Effective June 1, 2018, the shipping carton or the name plate of the furnace clearly displays: "This furnace is to be installed for propane firing only. Operating in natural gas mode is in violation of the South Coast AQMD SCAQMD-Rule 1111."
 - (B) The following documents and information shall be provided to the Executive Officer, accompanying the compliance plan report specified in subparagraphs (c)(5)(E), (c)(5)(F), and (c)(5)(G), including but not limited to:
 - (i) The quantity of propane conversion kits for furnaces actually distributed or sold into <u>South Coast AQMDSCAQMD</u> for the applicable compliance plan period;
 - (ii) The quantity of propane conversion kits for furnaces distributed or sold into the <u>South Coast AQMD SCAQMD</u> during the 12 month period of July 1 to June 30 prior to the applicable compliance date; and
 - (iii) Photographic evidence of the required language set forth in section subparagraph (g)(4)(Aa) as it appears on the carton or unit, including all versions utilized by the manufacturer, for approval by the Executive Officer. The photographs must be sufficient to verify the wording is correct and that it is "clearly visible," taking into account the font type, size, color, and location on the carton or unit.
 - (C) The manufacturer of this type of unit which has been installed in the South Coast AQMDSCAQMD without meeting above requirements shall be in violation of South Coast AQMDSCAQMD Rule 1111.

- (5) Condensing and non-condensing natural gas furnaces installed at elevations greater than or equal to 4,200 feet above sea level are exempt from paragraph (c)(4) until October 1, 2020September 30, 2021.
- (6) Effective October 1, 2021 and until September 30, 2022, a manufacturer, distributor, or installer that manufactures, supplies, sells, offers for sale, or installs a natural gas furnaces certified to meet 40 ng/J of NOx that is installed and operated as part of a dual fuel system at or above 4,200 feet above sea level in the South Coast AQMD, shall only install such a unit that:
 - (A) Is designed by the manufacturer with a system switchover point between heat pump and furnace at the external temperature of 32°F with a nonadjustable system that would prevent any person from changing the external ambient switchover temperature of 32°F;
 - (B) Includes installation of an external temperature sensor which acts as the sole method to determine switchover point;
 - (C) For systems equipped with condensing, noncondensing, or mobile home furnaces, includes communicating technology between the heat pump and furnace installed at the point of manufacture to prevent system operation without a heat pump and requires operations of only the heat pump at and above the switchover temperature outlined in (g)(6)(A); and
 - (D) The shipping carton or the name plate of the furnace clearly displays: "This furnace must be installed only in a dual fuel configuration with an electric heat pump. Installation of this furnace without a heat pump in a dual fuel configuration will be a violation of South Coast AQMD Rule 1111."
- (76) The manufacturer of any furnace that elects to use the exemption in paragraph (g)(4), (g)(5) or (g)(6) shall record the following information and shall make this information available upon request to the Executive Officer:
 - (A) Sales date to distributor;
 - (B) Distributor's name and full contact information (address and phone number);
 - (C) Model number of the furnace and heat pump (if applicable); and
 - (D) Serial number of the furnace and heat pump (if applicable).

- (87) The distributor that elects to use the exemption in paragraph (g)(4), (g)(5) or (g)(6) shall record the following information and shall make this information available upon request to the Executive Officer:
 - (A) Sales date to installer;
 - (B) Installer's name and full contact information (address and phone number);
 - (C) Model number of the furnace and heat pump (if applicable); and
 - (D) Serial number of the furnace and heat pump (if applicable).
- (98) The installer that elects to use the exemption in paragraph (g)(4), (g)(5) or (g)(6) shall record the following information and shall make this information available upon request to the Executive Officer:
 - (A) Installation date;
 - (B) Address of furnace installation;
 - (C) Model number of the furnace and heat pump (if applicable); and
 - (D) Serial number of the furnace and heat pump (if applicable).

Attachment H

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Final Staff Report

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

September 2020

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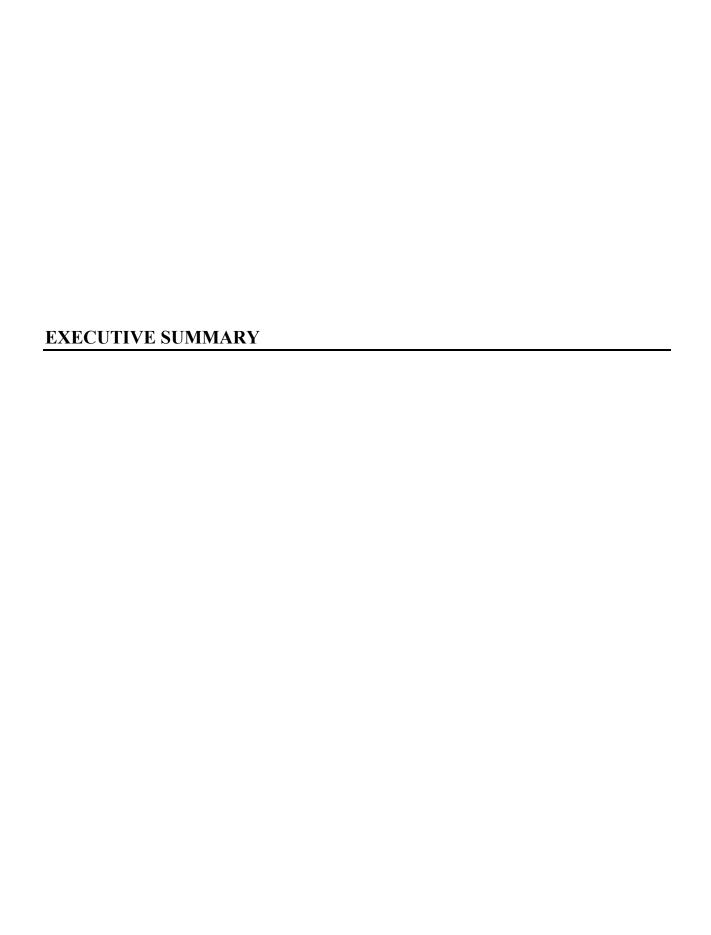
WAYNE NASTRI

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EXECUTIVE SUMMARY

Rule 1111 reduces emissions of nitrogen oxides (NOx) from residential and commercial gas-fired fan-type space heating furnaces with a rated heat input capacity of less than 175,000 BTU per hour or, for combination heating and cooling units, a cooling rate of less than 65,000 BTU per hour. The rule applies to manufacturers, distributors, sellers, and installers of such furnaces.

The furnaces are categorized into four types by Rule 1111: 1) Non-condensing (standard); 2) Condensing (high efficiency); 3) Weatherized (e.g., outdoor); and 4) Mobile home furnaces. The compliance dates to meet the emission limit are different depending on the furnace type. The furnaces for installation at the high elevation regions can be any type but are most commonly non-condensing and condensing furnaces.

Rule 1111 was adopted by the South Coast AQMD Governing Board in December 1978 and amended in 1983, 2009, 2014, 2018, and 2019. The more significant changes included:

- The 2009 amendment lowering the NOx emissions from 40 to 14 nanograms per Joule (ng/J);
- The 2014 amendment providing an alternate compliance option that allows the original equipment manufacturers (OEMs) to pay a per unit mitigation fee, in lieu of meeting the new lower NOx emission limit, for up to 36 months past the applicable compliance date;
- The March 2018 amendment extending the mitigation fee alternate compliance option and increasing the mitigation fee; and
- The December 2019 amendment providing a limited exemption from the 14 ng/J emission limit for condensing and non-condensing furnace installations at elevations greater than or equal to 4,200 feet above sea level until October 1, 2020.

The compliance date has passed for condensing and non-condensing furnaces for installation at elevations below 4,200 feet above sea level. The current compliance dates for meeting the 14 ng/J NOx emission limit are: October 1, 2019 for condensing and non-condensing furnaces; October 1, 2020 for weatherized furnaces; October 1, 2021 for mobile home furnaces; and October 1, 2020 for installation of condensing and non-condensing furnaces at elevations greater than or equal to 4,200 feet above sea level (high-altitude installation).

Staff has been closely monitoring the progress of commercialization of compliant weatherized furnaces and testing of condensing and non-condensing furnaces for installations in high-altitude areas, as the October 1, 2020 compliance date approaches. Original Equipment Manufacturers (OEMs) have discussed how the COVID-19 pandemic has affected their business operation and their progress in commercializing Rule 1111 weatherized and high-altitude compliant furnaces. OEMs have also commented that the supply chains for certain parts from overseas or Mexico affected existing and future production, and travel restrictions have impacted the completion of high-altitude testing for some OEMS. In addition, some OEMS have expressed how the pandemic is affecting their overall business decisions on the development of compliant products.

The OEMs are continuing to release more ultra-low NOx models to the market for condensing and non-condensing furnaces. Manufacturing defect which caused previous reports of furnaces overheating were identified by the furnace manufacturer and modifications were made to resolve

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the problem. There are no new reported large-scale issues regarding excessive noise or overheating for the current models in the market.

As for weatherized units, the rule does not distinguish between residential and commercial units. Based on discussions with OEMs on the commercialization status of weatherized units, some OEMs have different schedules for residential and commercial units. Out of the seven OEMs, three two OEMs are expecting to have models available that will meet the October 2020 deadline for residential and commercial applications, two three OEM expects they will not meet the October deadline for residential or commercial application, and two OEM has suspended any efforts to meet the deadline. Staff worked with OEMs to determine if there was a clear, enforceable definition to make the distinction between residential and commercial weatherized units such as defining these two categories of weatherized furnaces as either single-phase or three-phase units. This definition, however, was not consistent for the seven manufacturers. Staff is recommending that PAR 1111 extend the mitigation fee for all weatherized units for one year, and to provide a consumer rebate of \$500 to incentivize installation of the 14 ng/J furnaces until September 30, 2021.

With regards to high altitude furnace installations, all seven furnace manufacturers are expecting to have compliant 14 ng/J NOx condensing and non-condensing furnaces available for installation at varying elevations between 4,200 feet to 7,800 feet above sea level by the October 2020 deadline. However, only two OEMs can currently provide compliant condensing and non-condensing furnaces certified for installations at around 6,800 feet and above that could service all mountain communities in the South Coast AQMD, including Big Bear City. One additional manufacturer has expressed optimism in certifying their product for elevations up to 7,000 feet above sea level by October 1, 2020. Three of the OEMs expressed concern that company travel restrictions due to the recent COVID-19 pandemic will likely delay their ability to test in high elevations and thus, delay development and commercialization of compliant furnaces to these high-altitude areas for 3 to 6 months. Staff is recommending that PAR 1111 extend the compliance date for condensing and non-condensing units installed at elevations 4,200 feet or higher for one year, and to provide a consumer rebate of \$500 to incentivize installation of the 14 ng/J furnaces until September 30, 2021.

Four OEMs and the Air Conditioning, Heating and Refrigeration Institute (AHRI) have requested that has urged—the South Coast AQMD staff to—consider allowing a gas-electric dual fuel split system equipped with a noncompliant 40 ng/J furnace as an alternative compliance option. A dual fuel split system_, which—is composed of a separate electric heat pump that provides heating and cooling paired with a gas furnace that provides heat below a certain external temperature threshold. These OEMs requested that Rule 1111 allows dual fuel split systems the installation of—to use a noncompliant 40 ng/J furnace when—paired with an electric heat pump. Three other OEMs do not support a change to expressed opposition to that Rule 1111 that would allows the allowance of—dual fuel split systems to use with—a noncompliant 40 ng/J furnaces because as—it undercuts development and commercialization of compliant 14 ng/J furnaces that can also be used in a dual fuel split system.

Based on the discussion with the manufactures and contractors, Proposed Amended Rule 1111 will:

• Extend the existing mitigation fee alternate compliance option for weatherized units for one year until September 30, 2021;

EXECUTIVE SUMMARY Final Staff Report

• Extend the exemption for high altitude condensing and non-condensing furnace installations for one year until September 30, 2021;

- Allow installations of dual fuel systems with noncompliant 40 ng/J NOx furnaces, with conditions, at elevations above 4,200 feet above sea level until September 30, 2022; and
- Require manufacturers, distributors, and installers of 40 ng/J NOx furnaces for operation as propane-firing only and dual fuel systems with noncompliant 40 ng/J NOx furnaces to maintain recordkeeping of sales and installations.

Initially staff was proposing to extend the compliance date to March 31, 2020; however, based on input from stakeholders, PAR 1111 will extend the compliance deadline to September 30, 2021 to allow for a smoother transition as it will be after the heating and cooling season. Allowing dual fuel systems with 40 ng/J NOx furnaces will provide additional options for consumers in high altitude areas after the end of exemption for high altitude areas while allowing additional time for furnace OEMs to expand high altitude guidance for existing ultra-low NOx furnaces.

CHAPTER 1: BACKGROUND

INTRODUCTION
REGULATORY HISTORY
EQUIPMENT AND PROCESS
REQUIREMENTS AND TESTS FOR NEW TECHNOLOGY
AFFECTED INDUSTRIES
PUBLIC PROCESS

INTRODUCTION

The purpose of Rule 1111 – Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces is to reduce NOx emissions from residential and commercial gas-fired fan-type space heating furnaces with a rated heat input capacity of less than 175,000 BTU per hour or, for combination heating and cooling units, a cooling rate of less than 65,000 BTU per hour. The rule applies to manufacturers, distributors, sellers, and installers of such furnaces. It requires manufacturers to certify that each furnace model offered for sale in the South Coast AQMD complies with the emission limit using the test methods approved by the South Coast AQMD and U.S. EPA. In lieu of meeting the lower emission limit, Rule 1111 has provided manufacturers an alternate compliance option of paying a per-unit mitigation fee for up to 4 to 4.5 years past the applicable compliance date, depending on the furnace type, which includes non-condensing, condensing, weatherized, and mobile home furnaces. Most single-family homes, many multi-unit residences, and some light commercial building in the South Coast AQMD use this type of space heating equipment.

REGULATORY HISTORY

Rule 1111 was adopted by the South Coast AQMD Governing Board in December 1978. The original rule required residential and commercial space heating furnaces to meet a NOx emission limit of 40 nanograms per Joule (ng/J) of heat output (equivalent to 61 ppm at a reference level of 3% oxygen and 80% Annual Fuel Utilization Efficiency (AFUE)) beginning January 1, 1984.

In November 2009, Rule 1111 was amended to implement the 2007 Air Quality Management Plan (AQMP) Control Measure CMB-03. The 2009 amendment established a new lower NOx emission limit of 14 ng/J (equivalent to 22 ppm at a reference level of 3% oxygen and 80% AFUE), and required the three major categories of residential furnaces – condensing (high efficiency), noncondensing (standard), and weatherized furnaces to meet the new limit by October 1, 2014, October 1, 2015, and October 1, 2016, respectively. Furthermore, new mobile home heating units, which were unregulated prior to the 2009 amendment, were required to meet a NOx limit of 40 ng/J by October 1, 2012 and 14 ng/J by October 1, 2018. To facilitate the depletion of existing inventories and to ensure a smooth transition to the new limits, Rule 1111 also provided a temporary 10-month exemption (a sell-through period) for units manufactured and delivered into the South Coast Air Basin prior to the compliance date.

14 ng/J Technology Development Projects

Four technology development projects were initiated in 2010 and completed in 2013, funded by the South Coast AQMD, the Gas Company, and San Joaquin Valley APCD with a total amount of \$1,447,737. Participants of the technology demonstration projects include Beckett Gas, Gas Technology Institute, Ingersoll Rand (Trane Technologies), and Nordyne (Nortek). The scope of the project for each participant as well as the contract reward amounts are shown in Table 1 - Summary of Rule 1111 Technology Demonstration Projects. Through those projects, prototype furnaces were developed demonstrating that the new lower Rule 1111 NOx limit of 14 ng/J is achievable for forced air residential heating furnaces.

1 - 1 July 2020

Table 1 – Summary of Rule 1111 Technology Demonstration Projects

Participants	Award Amount	Project Scope
Beckett Gas	\$379,386	Two furnaces: - Condensing - Non-Condensing
Gas Technology Institute (GTI)	\$450,000	One furnace each for five manufacturers: - Carrier Corporation - Johnson Controls Incorporated - Rheem Manufacturing Company - Lennox International - Thermo Products LLC
Ingersoll Rand (Trane Technologies)	\$368,261	Two 2-stage furnaces: - Average heat output - Higher heat output
Nordyne (Nortek)	\$250,090	Three furnaces: - Single Stage (On/Off) - 2-stage (High/Low/Off) - Modulating (High to Low to Off)

Mitigation Fee to Delay Compliance of 14 ng/J Furnaces

Rule 1111 was later amended in September 2014 to delay the compliance date for condensing furnaces and to provide an alternate compliance option. The alternate compliance option allowed OEMs to pay a per unit mitigation fee of \$200 for each condensing furnace and \$150 for each other type of furnace distributed or sold into the South Coast Air Basin, in lieu of meeting the 14 ng/J NOx emission limit. The mitigation fee end date was based on the furnace type which phased in the NOx limit of 14 ng/J over the period from April 1, 2018, to October 1, 2021.

Extension and Increase of the Mitigation Fee

Based on the lack of 14 ng/J furnaces that were commercialized in early 2018, Rule 1111 was amended in March 2018 to increase the mitigation fee in two phases to a range of \$300 to \$450, depending on the furnace type and heat input capacity, and extend the mitigation fee compliance option by 1.5 years for condensing furnaces, and one year for non-condensing and weatherized furnaces. Rule 1111 was also amended to provide an exemption from the mitigation fee increase for units encumbered in a contractual agreement by OEMs and distributors for new construction, if contracts were signed prior to January 1, 2018, and included provisions to address propane conversion kits for propane firing only furnaces.

Clean Air Furnace Rebate Program

In March 2018, a rebate program for consumers who purchase and install compliant 14 ng/J furnaces in the South Coast AQMD was initiated. The purpose of the rebate program was to help commercialize and incentivize consumers to purchase 14 ng/J furnaces. On May 4, 2018, the South Coast AQMD executed the contract with Electric & Gas Industries Association (EGIA) to administer the Clean Air Furnace Rebate Program. On June 28, 2018, the rebate website was launched (www.cleanairfurnacerebate.com). The South Coast AQMD Governing Board approved

funding of \$3,000,000 for the furnace rebate program, specifying a \$500 rebate for each compliant furnace. The program was suspended in May 2020 when the funds were exhausted.

High Altitude Furnaces

Rule 1111 was last amended in December 2019 to include a limited exemption from the 14 ng/J NOx emission limit that applies to manufacturers, distributors, sellers, and installers of condensing and non-condensing natural gas furnaces. This exemption applies to furnaces installed at elevations greater than or equal to 4,200 feet above sea level until October 1, 2020. During this interim exemption period, condensing and non-condensing furnaces installed in high altitude areas are still required to meet the 40 ng/J NOx emission limit. This rule amendment included recordkeeping requirements for manufacturers, distributors, and installers to track the distribution, sales, and installations of these furnaces. Verification of the elevation is based on U.S. Geological Survey data.

The adoption Resolution for the December 2019 amendment directed staff to update the Stationary Source Committee on the development of high-altitude furnaces and weatherized furnaces. This update was scheduled to occur no later than May 15, 2020. However, due to the impacts resulting from the COVID-19 pandemic on staff's ability to gather information on the OEM's implementation efforts, the update to the Board was delayed for one month. At the December 2019 Governing Board meeting Supervisor Janice Rutherford also requested staff to continue working with manufacturers, distributors, and installers regarding high-altitude installations, weatherized furnaces, and the potential of allowing hybrid dual fuel split systems that use noncompliant 40 ng/J furnaces.

Since the December Board meeting, staff has been periodically meeting with all furnace manufacturers to monitor the progress of compliant furnace development and commercialization. The market availability for condensing and non-condensing compliant furnaces has increased four-fold during the past year, with 448 models released to the market as of May 2020 compared to the 112 models in February 2019. Manufacturers did not initially report complaints regarding excessive noise issues for compliant furnaces; however, recently some contractors have reached out to staff regarding noise issues. Four out of seven furnace manufacturers have informed staff of reported noise issues. The cause of the noise issues is identified to be either installer error or defective components from third party suppliers. To resolve identified noise issues, manufacturers are taking steps to increase installer training and worked with part suppliers to revise identified parts. Prior to the October 1, 2019 compliance date, an early model had an overheating issue, but the manufacturer modified the model and resolved the issue. Staff is not aware of overheating or safety issues beyond this initial report which has been resolved.

EQUIPMENT AND PROCESS

Fan-type gas-fired furnaces heat a building by circulating air from inside the building (office, home, apartment, etc.) through the furnace. In a fan-type furnace, air is heated when it passes through a heat exchanger. Combustion gases heat up the inside of the heat exchanger, and air from the building that is moving past the outside of the heat exchanger removes heat from the outside surface. A blower (fan) pulls air through one or more intake ducts and pushes the air past the heat

exchanger and through another set of ducts, which direct the heated air to different parts of the building. The heated air circulates through the building before it is again pulled into the intake ducts and re-heated. This process continues until a specific temperature is detected by a thermostat in the building, which then shuts off the furnace. When the temperature at the thermostat goes below a set point, the thermostat sends a signal for the furnace to turn on.

Rule 1111 categorizes furnaces into four types: non-condensing, condensing, weatherized, and mobile home furnaces. Condensing furnaces, also called high-efficiency furnaces, utilize a second heat exchanger to recover the latent heat in the flue gas, achieving 90 to 98 percent fuel efficiency. Non-condensing furnaces only use one heat exchanger, with a typical fuel efficiency of about 80 percent. Weatherized furnaces are designed for installation outside of a building, equipped with a protective jacket and integral venting, and labeled for outdoor installation. A weatherized furnace is often referenced as package units by the heating, ventilation, and air conditioning (HVAC) industry as the furnace is packaged with an air conditioning condensing unit. A mobile home furnace means a furnace designed specifically and solely for installation to heat a mobile home.

Rule 1111 specifies a 14 ng/J NOx limit for gas-fired furnaces. This is different than an approach that is based on overall mass emissions for residential and commercial heating. A mass emissions approach would require some limitation on use to ensure the emissions from a unit with a higher emission rate than 14 ng/J would not be more emissive. For example, if a 40 ng/J furnace of the same size were allowed, its use would need to be limited to 8.4 hours per day to be less than a 14 ng/J furnace that operated for a full 24 hours. Staff does recognize that there are other types of configurations such as electric heat pumps, dual fuel split systems, with an electric heat pump and furnace, or a standalone furnace with or without air conditioning. Regardless of the configuration, Rule 1111 requires that when a gas furnace is used that it must meet the NOx limit in the rule.

Electric Heat Pumps

Electric heat pumps can provide heating and cooling with no combustion source and can replace an air conditioning unit and furnace. Heat pumps are electric heat transfer units utilizing compression and evaporation of refrigerant to release and absorb heat. Heat is absorbed when the refrigerant is evaporated at low pressure and released when the refrigerant is compressed at high pressure. Heat pumps consist of an outdoor and indoor unit, both equipped with a coil and fan. The coils located in both the outdoor and indoor unit can act as either a compressor or evaporator depending on whether the unit is in heating or cooling mode. The fans in both the indoor and outdoor unit move air across the coils to facilitate heat exchange. In heating mode, the outdoor unit absorbs heat by acting as an evaporator and the indoor unit releases heat by acting as a compressor. In cooling mode, the flow of the refrigerant and functions of the coils are reversed. By utilizing the reversable compression and evaporation cycles, a heat pump can move heat in and out of the home.

Dual Fuel Split Systems

Dual fuel split systems eomprise consists of an electric heat pump paired with a gas furnace. The gas furnace has been, and continues to be, subject to the emission limits in Rule 1111. Dual fuel split systems are available from all seven furnace OEMs with 14 ng/J furnaces.

For dual fuel split systems, the dedicated air handler of the indoor unit of an electric heat pump system is replaced with a gas-fired furnace which serves as the air handler for heating and cooling

when in all electric mode. In a dual fuel split system, when external temperatures drop below a specified temperature, the system will switch over from providing heat from the electric heat pump to providing heat from the gas-fired furnace. This is referred to as the "switchover temperature." When the external temperature rises above the threshold, the gas-fired furnace turns off and the electric heat pump resumes as the primary source of heat.

REQUIREMENTS AND TESTS FOR NEW TECHNOLOGY

Gas furnaces in the United States must meet the ANSI Z21.47/CSA 2.3 standard referred as CSA certification, mainly to ensure safety. To be sold and installed in the South Coast AQMD's jurisdiction, they must also be certified by the South Coast AQMD for Rule 1111 NOx emission limit compliance by specific test methods approved by the South Coast AQMD and U.S. EPA. OEMs could also be subject to other regulations, such as ANSI/ASHRAE/IES 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential building required by the U.S. Department of Energy (DOE), and AHRI certification program for verification test of output heating capacity and annual fuel utilization efficiency. For furnace installation, manufacturers provide extensive training programs and instruction material for the contractors and installers.

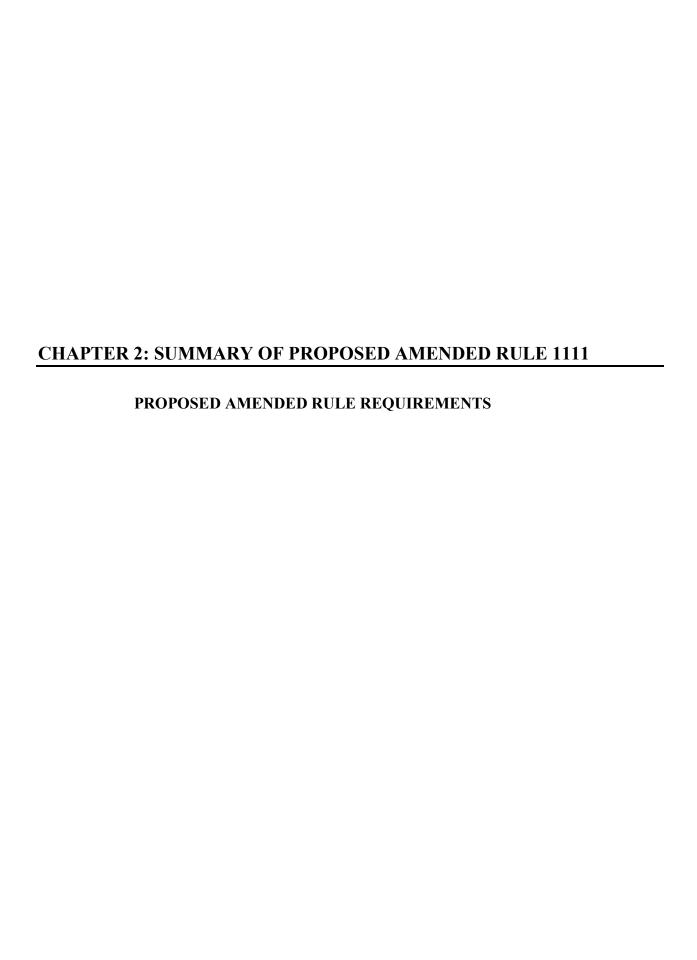
AFFECTED INDUSTRIES

Proposed Amended Rule 1111 affects manufacturers (NAICS 333), distributors and wholesalers (NAICS 423), and retailers and dealers (NAICS 444) of residential furnaces. Because heating units regulated by the rule are used in most residential and many commercial settings for heating small buildings, construction and building contractors and installers (NAICS 238 and 811) related to residential furnaces are also affected by PAR 1111. The Air Conditioning Heating and Refrigeration Institute (AHRI), the major manufacturer's trade organization, indicates that there are no manufacturers of fan-type gas-fired residential furnaces in the South Coast AQMD. However, these companies do maintain regional sales offices and distribution centers in the South Coast AQMD and there are manufacturers of other types of heating furnaces in the South Coast AQMD.

PUBLIC PROCESS

Staff has held ongoing individual meetings with the seven OEMs prior to and after the December 2019 Governing Board meeting. The discussions at these meetings included rule implementation status for compliant 14 ng/J condensing and non-condensing, high elevation, and weatherized furnaces. Also discussed at these meeting was the potential of utilizing dual fuel technology to comply with the Rule 1111 NOx emission limit. The meetings were held individually to provide each OEM the ability to speak about confidential information regarding their technology development.

The progress of compliant furnace commercialization and the proposed amendment were discussed during public working groups on June 10, 2020 and July 9, 2020. A Public Workshop was held on July 15, 2020.



PROPOSED AMENDMENTS TO RULE REQUIREMENTS

The South Coast AQMD staff has been closely monitoring the progress of commercialization of weatherized compliant furnaces, accounting for and assessing the impacts resulting from the COVID-19 pandemic. Based on discussions with OEMS, Proposed Amended Rule 1111 will extend the compliance date from October 1, 2020 to September 30, 2021, for both the mitigation fee alternative compliance option for weatherized units and the exemption for installing condensing and non-condensing furnaces at high altitude areas. Other existing requirements are currently proposed to remain unchanged.

Four OEMs and AHRI urged the South Coast AQMD staff to consider allowing a dual fuel split system with a noncompliant 40 ng/J furnace as an alternative compliance option. A dual fuel split system is a separate electric heat pump paired with a natural gas furnace. The system first operates the heat pump until it reaches a set temperature (e.g., outside temperatures drop to less than 32 degrees F) at which point the gas furnace is switched on and operated. Staff supports the use of heat pumps and dual fuel split systems with compliant 14 ng/J NOx furnaces. Staff is concerned that a dual fuel system with a 40 ng/J NOx furnace will allow noncompliant furnaces to enter the Basin creating additional enforcement challenges.

Rule 1111 Definitions (Subdivision(b))

The following definitions were added to Rule 1111 to provide further clarification on rule applicability, compliance schedule, exemptions, and emission limits.

DUAL FUEL SYSTEM in paragraph (b)(4) is

"a heating, ventilation, and air conditioning system utilizing a HEAT PUMP as the primary source of heating and cooling with a FAN-TYPE CENTRAL FURNACE serving as auxiliary heating."

HEAT PUMP in paragraph (b)(7) means

"an all-electric device that utilizes condensation and evaporation of refrigerant to absorb and release heat for heating, ventilation, and air conditioning applications."

MOBILE HOME in paragraph (b)(8), which means:

"a prefabricated structure on a permanently attached chassis."

MOBILE HOME FURNACE in paragraph (b)(9), which means:

"a furnace designed specifically and solely for installation to heat a mobile home."

Rule 1111 Requirements (Subdivision(c))

Extending the mitigation fee alternative compliance option for weatherized units until September 30, 2021

When compared with condensing and non-condensing furnaces, weatherized furnaces utilize the same basic combustion technology for burner and heat exchanger design. The development work

for weatherized furnaces is focused on integration with the air conditioning unit as a package system, as well as addressing the outdoor operation environment.

To comply with the current Rule 1111, OEMs are paying the mitigation fee for weatherized furnaces distributed to the South Coast AQMD that are not meeting the 14 ng/J NOx emission limit. The mitigation fee alternative compliance option for this type of furnace will expire on September 30, 2020. OEMs, distributors, contractors, and installers would have to comply with the 14 ng/J NOx limit starting on October 1, 2020.

Multiple furnace manufacturers have reported delays in the supply chain, especially from overseas or Mexico, as a result of COVID-19. Other COVID-19 pandemic impacts include required lower worker density, plant-wide downtime to sanitize and prepare for worker distancing, and funding reallocation by corporate offices due to the unstable market and financial status. In addition, the OEMs are uncertain as to whether and how the COVID-19 pandemic will evolve to further adversely impacting their business. According to these OEMs, all these factors are contributing to the delay in furnace development and commercialization.

Out of the seven OEMs, three two OEMs are expecting to have coverage for both commercial and residential weatherized models available that will meet the September 30, 2020 deadline, two-three OEMs expect they will not meet the October deadline for either commercial or residential applications, and two OEMs have suspended any efforts to meet the deadline. Initial discussions with furnace OEMs suggested that bifurcating the weatherized category into single stage and three stage may provide a clear distinction between commercial and residential furnace applications. With continued discussions, some furnace OEMs agreed that bifurcating the weatherized category into single stage and three stage power would be a clear differentiation of the two applications while other OEMs disagreed with this approach stating that power phases does not properly represent the applications and associated supply chains. Based on continued discussions with the seven OEMs, PAR 1111 will not bifurcate the weatherized furnace category but will extend the mitigation fee alternative compliance option for all weatherized units by one year. The considerations are not only based on the COVID-19 impacts, but also the winter heating season which typically takes place from October to March and the summer cooling season which takes place from March to September. Implementing any new requirement in the middle of heating or cooling season would cause additional complications in the supply chain. This proposal does not change the requirements for the mitigation fee or the recordkeeping and reporting requirements. That is, the OEMS would continue to be subject to the phase two mitigation fee identified under Rule 1111 Table 2, as well as the compliance plan and report specified under Rule 1111(c)(5), except that the phase two mitigation fee option end date would be September 30, 2021 for weatherized units. The extension of the mitigation fee alternative compliance option outlined in Table 2 – Rule 1111 Table 2 – Alternate Compliance Plan with the Phase One and Phase Two Mitigation Fee Schedules until September 30, 2021 will also serve as a sell-through period to allow for greater flexibility on existing inventory of 40 ng/J NOx furnace.

Table 2 – Rule 1111 Table 2 – Alternate Compliance Plan with the Phase One and Phase Two Mitigation Fee Schedules

Two Mitigation Fee Schedules										
To the state of th		Phase One Mitigation		Phase Two Mitigation						
Furnace		Fee		Fee						
Size Range	Furnace Category	Phase One Mitigation Fee Start Date	Phase One Mitigation Fee (\$/Unit)	Phase Two Mitigation Fee Start Date	Phase Two Mitigation Fee (\$/Unit)	Phase Two Mitigation Fee Option End Date				
≤ 60,000 BTU/hr	Condensing	May 1, 2018	\$275	October 1, 2018	\$350	September 30, 2019				
	Non- condensing	October 1, 2018	\$225	April 1, 2019	\$300	September 30, 2019				
	Weatherized	October 1, 2018	\$225	April 1, 2019	\$300	September 30, 2021 September 30, 2020				
	Mobile Home	October 1, 2018	\$150	April 1, 2019	\$150	September 30, 2021				
> 60,000 Btu/hr and ≤ 90,000 BTU/hr	Condensing	May 1, 2018	\$300	October 1, 2018	\$400	September 30, 2019				
	Non- condensing	October 1, 2018	\$250	April 1, 2019	\$350	September 30, 2019				
	Weatherized	October 1, 2018	\$250	April 1, 2019	\$350	September 30, 2021 September 30, 2020				
	Mobile Home	October 1, 2018	\$150	April 1, 2019	\$150	September 30, 2021				
> 90,000 BTU/hr	Condensing	May 1, 2018	\$325	October 1, 2018	\$450	September 30, 2019				
	Non- condensing	October 1, 2018	\$275	April 1, 2019	\$400	September 30, 2019				
	Weatherized	October 1, 2018	\$275	April 1, 2019	\$400	September 30, 2021 September 30, 2020				
	Mobile Home	October 1, 2018	\$150	April 1, 2019	\$150	September 30, 2021				

Rule 1111 Exemptions (Subdivision(g))

Extending the exemption for installing condensing and non-condensing furnace at high altitude until September 30, 2021

The furnaces at high altitude installations are mostly non-condensing and condensing furnaces. For an installation at high altitude, minor modification to the furnace are needed to accommodate different air density and oxygen levels to ensure an optimal air/fuel ratio for burner combustion. The modification involves a high-altitude kit or a built-in manifold adjustment on the 14 ng/J furnace. OEMs conduct high-altitude testing at specific types of facilities. Due to COVID-19, some OEMs had restrictions on non-essential travel and needed to suspend testing their units at high altitude facility.

Currently only two furnace manufacturers have completed high altitude testing for 14 ng/J condensing and non-condensing furnaces available for installations at around 6,800 feet above sea level or higher. Two additional OEMs were delayed due to company travel restrictions from COVID. Progress of high-altitude condensing and non-condensing furnace development is outlined in Figure 1.

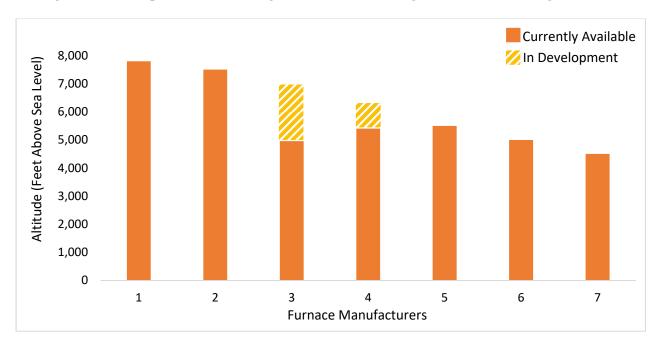


Figure 1 – Development Status of High-Altitude Condensing and Non-Condensing Furnaces

Like the extension for weatherized units, the considerations include COVID-19 impacts as well as the winter heating season and summer cooling season duration. PAR 1111 paragraph (g)(5) will extend the exemption for high altitude installations by one year as follows:

"(5) Condensing and non-condensing natural gas furnaces installed at elevations greater than or equal to 4,200 feet above sea level are exempt from paragraph (c)(4) until September 30, 2021. "

Recordkeeping and reporting requirements specified under Rule 1111 paragraphs (g)(7), (g)(8), and (g)(9) will continue to apply.

Considerations of dual fuel split systems with 40 ng/J NOx furnace

Three OEMs and AHRI urged the South Coast AQMD staff to consider the dual fuel split system with a 40 ng/J noncompliant furnace as an option to comply with the Rule 1111 NOx limit. These OEMs have commented that a dual fuel split system with a 40 ng/J furnace would provide more compliance options for the consumer than a standalone 14 ng/J furnace. A dual fuel split system, also called hybrid system, is a heat pump paired with a gas furnace that provides both cooling and heating as depicted in Figure 2. Dual fuel split systems are comprised of a separate furnace and heat pump which are paired together by the installer or dealer as compared to a packaged weatherized dual fuel system where the system is packaged in a single enclosure. The heat pump operates as the primary heating source at milder temperatures with low heating demand. As temperatures get colder such as below 32°F,

Furnace off
Heat Pump On

Figure 2 – Dual Fuel Heating System

NOx
Emissions

Furnace
(Back-up)
Furnace On
Heat Pump off

the heat pump does not have the capacity to keep the home warm. At this point the furnace then takes over as the auxiliary heating source, at what is called the "switchover temperature."

According to the first OEM to propose this compliance option, the basis for installing a dual fuel split system would be significantly more NOx emissions reductions as compared to the operation of a 14 ng/J furnace. The OEM initially stated that there would be up to a 90 percent reduction in NOx emissions for installations in the South Coast AQMD using a dual fuel split system when compared to a 40 ng/J low NOx furnace on its own could be achieved. Based on a study that was funded by Trane Technologies and conducted by University of California, Davis, potential NOx emissions reductions can be up to 95-100 percent in high population areas of California when using a heat pump with a low NOx furnace (40 ng/J) for auxiliary heat vs. a standalone ultra-low NOx (14 ng/J) furnace. Based on a switchover temperature of 32 °F, the study concluded that most of the Southern California region could rely solely on the electric heat pump, thus generating fewer NOx emissions compared to the compliant standalone 14 ng/J NOx furnace. The emissions benefits from noncompliant 40 ng/J NOx dual fuel split systems start to decline relative to the length of operation of the furnace itself. To ensure the potential emissions reduction benefits from dual fuel system equipped with a noncompliant 40 ng/J NOx furnace, enforcement of furnace operation times (hours) would be necessary.

Staff discussed this subject with all seven OEMs and some distributors. Three OEMs oppose the allowance of dual fuel split systems with 40 ng/J furnaces because the 40 ng/J dual fuel system undercuts their development and commercialization of 14 ng/J compliant furnaces. These OEMs have expressed that they have invested significant resources to commercialize a complete portfolio of compliant furnaces and changing the requirements well after the 14 ng/J standard has been in

effect is a concern. They have also expressed concerns about the enforceability of allowing noncompliant furnaces to enter the basin because the furnace is sold as a split system and separate from the heat pump.

It is important to note that all seven furnace manufacturers have dual fuel split systems pairing a heat pump with compliant 14 ng/J NOx furnaces available. OEMs are also on schedule to certify their compliant furnaces for high altitude installations. Thus, compliant furnaces with 14 ng/J NOx emissions could be employed as part of the dual fuel split systems. Because compliant furnaces are available or actively under development, allowing noncompliant furnaces as part of dual fuel split systems would undercut the cost of existing dual fuel split systems that include compliant 14 ng/J furnaces and likely discourage new technology development, preventing or delaying further emissions reductions.

Furthermore, staff has concerns regarding the increased supply of 40 ng/J NOx furnaces in the South Coast AQMD to be used in dual fuel split systems, which could create additional enforcement challenges. With this legal pathway for stock to enter the District, noncompliant 40 ng/J NOx furnaces could be more accessible to be sold in standalone applications. In addition, the current design of the systems allows installers or consumers to be able to change the "switchover temperature" setting through the system control panel. Thus, an installation of a dual fuel system with a 40 ng/J NOx furnace could allow the noncompliant furnace to be run considerably more than what is assumed in the estimates that show emissions reductions and could result in significantly higher emissions than a compliant 14 ng/J furnace.

Lastly, the high reduction potential for NOx emissions (90 percent or higher) by using the dual fuel system as stated by the OEM is from the operation of the heat pump, not from the natural gas furnace within the system. According to the United States Energy Information Administration, the average California residential natural gas cost of \$13.69/MSCF and residential electricity cost of \$0.21/kwh as of March 2020. Assuming the Heat Seasonal Performance Factor (HSPF) for heat pumps to be between 7.1 to 10.2, heat pumps would cost between 33 to 53 percent more per BTU of heat generated compared to natural gas furnaces. This cost differential would create a financial incentive for homeowners to utilize gas furnaces over electric heat pumps in dual fuel systems. Using a compliant furnace instead of a noncompliant furnace would achieve an additional 65% emission reductions and not require staff inspection of the dual fuel system, risk user interference that would negate any emissions benefits, or open the door to noncompliant furnaces entering the District.

Staff acknowledges the emissions reduction benefits of dual fuel split systems; however, systems equipped with noncompliant 40 ng/J furnaces will undercut the cost of existing dual fuel split systems equipped with compliant 14 ng/J NOx furnaces as well as introduce additional compliance challenges that require regulating the end user. Dual fuel split systems with compliant 14 ng/J NOx furnaces offer the highest amount of emission reductions outside of standalone electric heat pump systems. On those bases, staff supports dual fuel systems using compliant 14 ng/J NOx furnaces but recognizes a dual fuel system with a 40 ng/J furnace has the potential, if designed properly, to generate lower NOx emissions than a standalone 14 ng/J furnace.

Exception for high altitude installations of dual fuel systems with 40 ng/J furnaces until September 30, 2022

Based on continued discussions with furnace OEMs and furnace installer representatives for communities located at high elevations, PAR 1111 paragraph (g)(6) will include an exemption for dual fuel systems with noncompliant 40 ng/J NOx furnaces for installation above 4,200 feet above sea level until September 30, 2022, as follows:

- "(6) Effective October 1, 2021 and until September 30, 2022, a manufacturer, distributor, or installer that manufactures, supplies, sells, offers for sale, or installs a natural gas furnace certified to meet 40 ng/J of NOx that is installed and operated as part of a dual fuel system at or above 4,200 feet above sea level in the South Coast AOMD, shall only install such a unit that:
 - (A) Is designed by the manufacturer with a system switchover point between heat pump and furnace at the external temperature of 32°F with a nonadjustable system that would prevent any person from changing the external ambient switchover temperature of 32°F;
 - (B) Includes installation of an external temperature sensor which acts as the sole method to determine switchover point;
 - (C) For systems equipped with condensing, noncondensing, or mobile home furnaces, includes communicating technology between the heat pump and furnace installed at the point of manufacture to prevent system operation without a heat pump and requires operations of only the heat pump at and above the switchover temperature outlined in (g)(6)(A); and
 - (D) The shipping carton or the name plate of the furnace clearly displays: "This furnace must be installed only in a dual fuel configuration with an electric heat pump. Installation of this furnace without a heat pump in a dual fuel configuration will be a violation of South Coast AQMD Rule 1111."

Considerations include the need for additional consumer options for high altitude areas due to development delays of COVID-19, the emission reduction potential of dual fuel systems, and the number of systems expected to be sold in the area. Manufacturers, suppliers and installers of these systems will need to comply with recordkeeping requirements in line with requirements for the existing Rule 1111 high altitude exemption. PAR 1111 will also require additional labeling and system design requirements to ensure proper operation of the dual fuel system with noncompliant 40 ng/J NOx furnaces by prioritizing heat pump operation and lockout of switchover temperature settings at the point of manufacture with required external temperature sensor installed with every system specified in Rule 1111(g)(6).

Recordkeeping and reporting requirements specified under Rule 1111 paragraphs (g)(7), (g)(8), and (g)(9) will also apply to this exemption with additional requirements added to maintain records of associated heat pumps sold as follows:

- "(7) The manufacturer of any furnace that elects to use the exemption in paragraph (g)(4), (g)(5) or (g)(6) shall record the following information and shall make this information available upon request to the Executive Officer:
 - (A) Sales date to distributor;
 - (B) Distributor's name and full contact information (address and phone number);
 - (C) Model number of the furnace and heat pump (if applicable); and
 - (D) Serial number of the furnace and heat pump (if applicable).
- (8) The distributor that elects to use the exemption in paragraph (g)(4), (g)(5) or (g)(6) shall record the following information and shall make this information available upon request to the Executive Officer:
 - (A) Sales date to installer;
 - (B) Installer's name and full contact information (address and phone number);
 - (C) Model number of the furnace and heat pump (if applicable); and
 - (D) Serial number of the furnace and heat pump (if applicable).
- (9) The installer that elects to use the exemption in paragraph (g)(4), (g)(5) or (g)(6) shall record the following information and shall make this information available upon request to the Executive Officer:
 - (A) Installation date;
 - (B) Address of furnace installation;
 - (C) Model number of the furnace and heat pump (if applicable); and
 - (D) Serial number of the furnace and heat pump (if applicable)."

Additional Recordkeeping for Propane Exemption

Staff is including furnaces being sold under exemption in paragraph (g)(4) into recordkeeping requirements in paragraph (g)(7), (g)(8), and (g)(9) to maintain the original requirements and strengthen enforceability of the reporting requirements of the exemption once the mitigation fee period ends.

Expanded Rebate Program to End Users

As of April 28, 2020, the initial funding allocation of \$3,000,000 approved by the South Coast AQMD Governing Board on December 17, 2017 to the Rule 1111 furnace consumer rebate program was exhausted. As part of the initial rebate approved by the Board allowed for the additional fees collected by the incremental mitigation fee increase from the March 2, 2018 rule

amendment to be used for consumer rebates of \$300 per unit for condensing furnaces and \$200 per unit for noncondensing, weatherized, and mobile home furnaces. Staff estimates the total funding collected from the incremental mitigation fee increase to be about \$4,600,000.

Through discussions with furnace manufacturers, additional technologies to further reduce NOx emissions were introduced to staff in the form of gas-electric hybrid dual fuel split systems and electric heat pump systems. Staff agrees that dual fuel split systems with a compliant 14 ng/J furnaces as well as pure electric heat pump systems can provide greater reductions of NOx than a standalone furnace. Dual fuel split systems and electric heat pump systems are generally costlier when compared to conventional standalone furnace and air conditioner HVAC systems. Staff initially contemplated lincentivizing these new equipment categories dual fuel systems; however, since 14 ng/J furnaces in any configuration is a current requirement under Rule 1111 and the greater reductions can be achieved through an all--electric heat pump, no consumer rebate is proposed for gas-electric hybrid dual fuel split systems. will further advance the South Coast AQMD mission to further reduce NOx emissions in the region. Since the initial proposal for revisions to the consumer rebate, staff has increased the amount of the rebate for all-electric heat pumps from \$1,000 to \$1,500 as this configuration will havethere is additional costs for an air handler and electrical upgrades, and this provides the greatest NOx reductions for home heating, and there are currently no requirements for electric heat pumps. This offering would be available for the first 2,000 consumers, with the 25 percent set aside for disadvantaged communities. Staff will be using SB535 and AB1550 to identify disadvantaged and low-income communities, respectively.

To incentivize early adoption of compliant 14 ng/J furnaces for weatherized and mobile home furnaces as well as furnaces for high altitude applications and <u>all-electric pumpsalternative heating</u> technologies, staff proposes to include additional funding not to exceed \$3,500,000 \$3,000,000 into the Rule 1111 rebate program and modify the existing rebate amount as follows:

Category	Original Rebate	New	Applicability
		Proposed	
		Rebate	
Condensing	\$500 for first the 6,000; \$300 thereafter	\$500	Compliant 14 ng/J NOx furnace installed at or above 4,200 Feet Above Sea Level
Condensing and Non-condensing	\$500 for first 6,000; \$200 thereafter	\$500	Compliant 14 ng/J NOx furnace installed at or above 4,200 Feet Above Sea Level Limited to 200 units and ends no later than September 30, 2021
Weatherized	\$200	\$500	Compliant 14 ng/J NOx furnace installed within the South Coast AQMD <u>Limited to 600 units and ends no later</u> <u>than September 30, 2021</u>
Dual Fuel Split Systems	-	\$500	Gas-electric dual fuel heating system with compliant 14 ng/J NOx furnace installed within the South Coast AQMD

Category	Original Rebate	New <u>Proposed</u> Rebate	Applicability
Electric Heat Pumps	-	\$1,500 \$1,000	Full electric central HVAC system installed within the South Coast AQMD for replacements only Limited to 2.000 units or when funds depleted

Of the total recommended funding amount, 25% will be reserved for furnace and heat pump installations in disadvantaged communities. Staff will be using SB535 and AB1550 to identify disadvantaged and low-income communities, respectively. Proposed additional rebate funding amount will be divided among the equipment categories as indicated in the table above and adjusted according to observed demand. Rebates for weatherized, mobile home, high altitude condensing, and high altitude non-condensing furnaces will end on September 30, 2021 and any remaining funds will be reallocated for all-dual fuel systems with compliant 14 ng/J furnaces and electric heat pump systems. Rebates for all-to compliant 14 ng/J dual fuel split systems and electric heat pump systems will conclude once rebate funds are exhausted. The 25% set aside for disadvantaged communities can only be for units installed in those geographic locations.

CHAPTER 3: IMPACT ASSESSMENT

EMISSION REDUCTIONS

COST EFFECTIVENESS

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) ANALYSIS

SOCIOECONOMIC IMPACT ASSESSMENT

DRAFT FINDINGS UNDER CALIFORNIA HEALTH AND SAFETY

CODE SECTION 40727

INCREMENTAL COST-EFFECTIVENESS

COMPARATIVE ANALYSIS

CONCLUSION AND RECOMMENDATIONS

DELAY OF EMISSION REDUCTIONS

Based on the 2016 AQMP emission inventory for fuel consumption, the annual average NOx emissions from residential heating using natural gas was 9.51 tons per day in 2012. Staff estimates that there are about four million residential type heating furnaces in the South Coast AQMD. Based on a furnace life of 25 years, a typical furnace emits 1.5 to 2.0 pounds of NOx per year. The emission rate reduction from 40 ng/J to 14 ng/J results in more than one pound per year of NOx emissions reductions for each furnace.

Total weatherized furnace annual sales are estimated at 15,000 units in the South Coast AQMD. A one-year delay in compliance would result in about 0.026 tons per day emission reduction delay for the next 25 years [calculated as: $(15,000 \times (2 \times 0.65))/(2,000 \times 365)$].

Staff tracked furnace sales to be approximately 50 units for high altitude installations during the two-month period of October and November 2019. Based on this information, the estimated total installations during the one yearsix-month exemption extension would be between 200 and 400 and 800 units. The one-year extension of the exemption for high altitude installations would result in a negligible (near zero tons per day) emission reduction delay. Assuming a dual fuel system with noncompliant 40 ng/J NOx furnace operates less than 35% than a standalone 14 ng/J furnace and the dual fuel system has the appropriate switchover temperature that cannot be modified, no emissions forgone are expected with a dual fuel system with a noncompliant 40 ng/J furnace as compared to a standalone compliant 14 ng/J furnace.

Consequently, the emission reduction delay by this proposal is not significant. The proposed amendments do not result in any significant effect on air quality or significant changes to emissions reductions.

On the other hand, the final year (2046, based on a 25-year useful life expectancy) to achieve the overall emission reductions for this rule remains unchanged, as the proposed compliance date of September 30, 2021 for both weatherized units and high-altitude installation is still consistent with the mobile home furnace compliance date of September 30, 2021October 1, 2021.

COST EFFECTIVENESS

A cost effectiveness analysis is not required for PAR 1111. The proposed amendment does not impose additional requirements on manufacturers of compliant residential furnaces meeting the 14 ng/J NOx emission limit.

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) ANALYSIS

Pursuant to the California Environmental Quality Act (CEQA), 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 proposed project would result in minimal and temporary forgone NOx emission reductions, it can be seen with certainty there that there is no possibility that the proposed project may have a significant adverse effect on the

environment. Therefore, the project is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) — Common Sense Exemption. If the proposed project is approved, the Notice of Exemption will be filed with the county clerks of Los Angeles, Orange, Riverside, and San Bernardino counties. In addition, the Notice of Exemption will be electronically filed with the State Clearinghouse to be posted on their CEQAnet Web Portal, which may be accessed via the following weblink: https://ceqanet.opr.ca.gov/search/recent.

SOCIOECONOMIC IMPACT ASSESSMENT

The proposed amendments to Rule 1111 does not impose any additional requirements and will have no adverse socioeconomic impacts. The consumer rebate provides an incentive to install 14 ng/J weatherized and furnaces in high altitude areas before the end of the mitigation fee and compliance dates. In addition, for homeowners that elect to install a 14 ng/J dual fuel split system, or—an all-electric heat pump system will be eligible for a \$500 and \$1,500\$1,000 rebate, respectively.

DRAFT FINDINGS UNDER CALIFORNIA HEALTH AND SAFETY CODE SECTION 40727

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. In order to determine compliance with section 40727, 40727.2 requires a written analysis comparing the proposed amended rule with existing regulations, if the rule meets certain requirements.

The following provides the draft findings.

Necessity: A need exists to amend Rule 1111 to provide extension to both the mitigation fee alternative compliance option for weatherized units and the exemption for installing condensing and non-condensing furnaces at high altitude areas to ensure there are sufficient units available to the consumer.

Authority: The South Coast AQMD obtains its authority to adopt, amend, or repeal rules and regulations from California Health and Safety Code Sections 39002, 40000, 40001, 40440, 40702, 40725 through 40728, 41508, and 41700.

Clarity: PAR 1111 has been written or displayed so that its meaning can be easily understood by the persons affected by the rule.

Consistency: PAR 1111 is in harmony with, and not in conflict with or contradictory to, existing federal or state statutes, court decisions, or federal regulations.

Non-Duplication: PAR 1111 does not impose the same requirement as any existing state or federal regulation and is necessary and proper to execute the powers and duties granted to, and imposed upon, the South Coast AQMD.

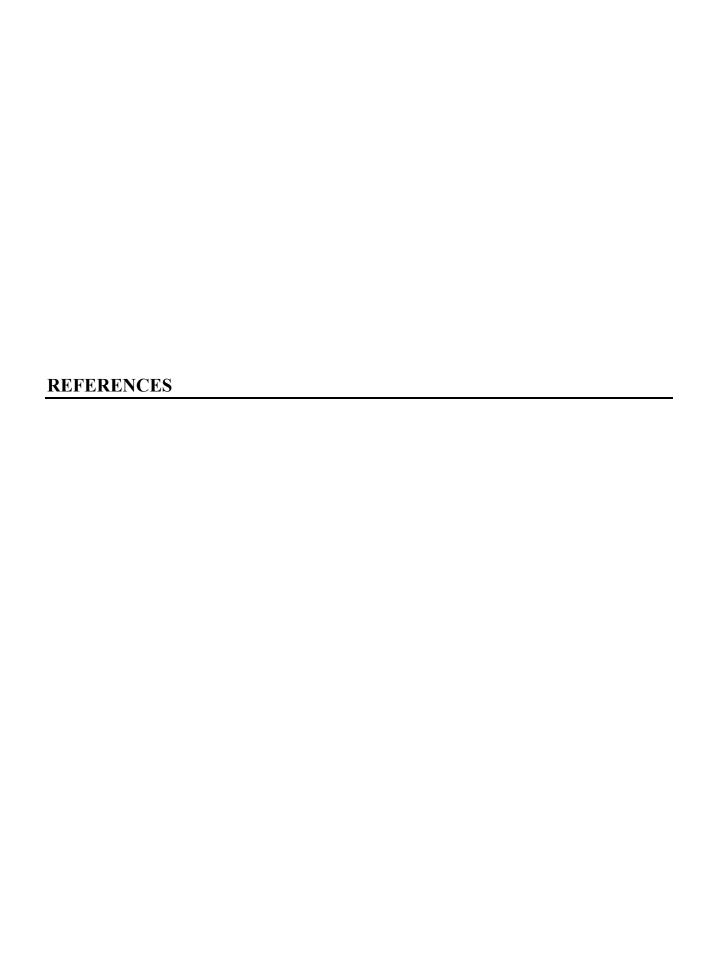
Reference: In amending this rule, the South Coast AQMD hereby implements, interprets, or makes specific reference to the following statues: Health and Safety Code sections 39002, 40001, 40702, 40440(a), and 40725 through 40728.5.

INCREMENTAL COST-EFFECTIVENESS

Health and Safety Code section 40920.6 requires an incremental cost-effectiveness analysis for Best Available Retrofit Control Technology (BARCT) rules or emission reduction strategies when there is more than one control option that would achieve the emission reduction objective of the proposed amendments, relative to ozone, CO, SOx, NOx, and their precursors. The proposed amendment does not include new BARCT requirements; therefore, this provision does not apply to the proposed amendment.

COMPARATIVE ANALYSIS

Health & Safety Code section 40727.2(g) for comparative analysis is applicable when the proposed amended rules or regulations impose, or have the potential to impose, a new emissions limit or standard, or increased monitoring, recordkeeping, or reporting requirements. In this case, a comparative analysis is not required because the amendments do not impose such requirements.



REFERENCES

South Coast CAQMD, 2009. Staff Report: Proposed Amended Rule 1111 – NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces. South Coast Air Quality Management District, November 2009.

South Coast AQMD, 2014. Rule 1111 Technology Assessment for Residential Furnaces. South Coast Air Quality Management District, January 2014.

South Coast AQMD, 2014. Staff Report: Proposed Amended Rule 1111 – NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces. South Coast Air Quality Management District, September 2014.

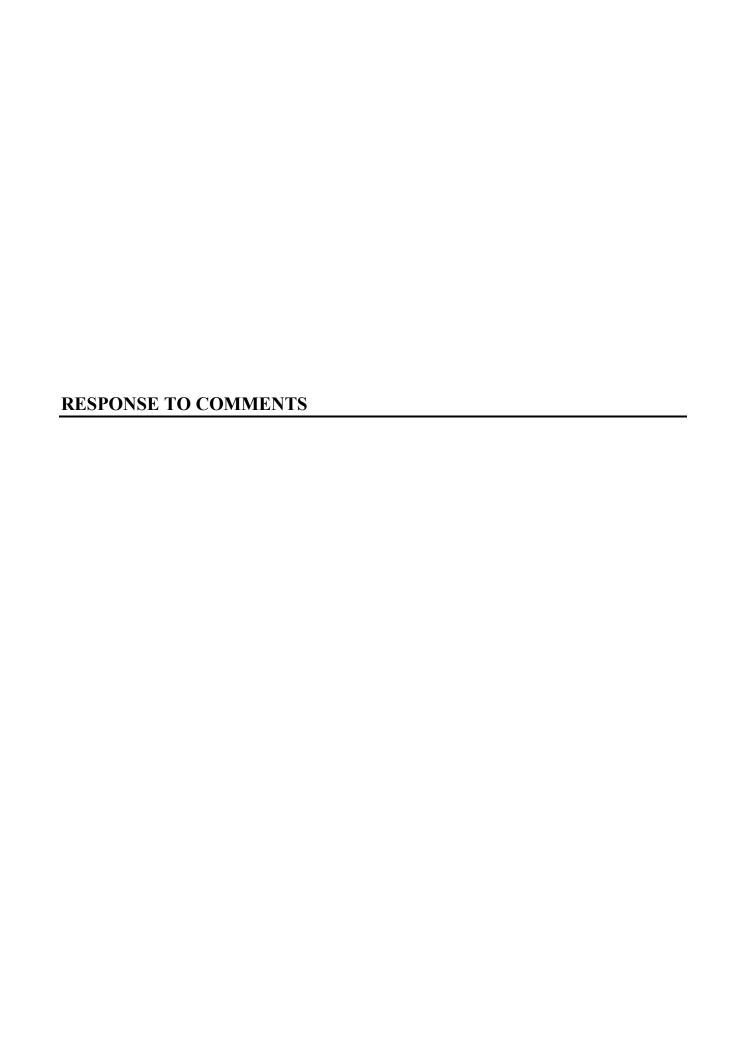
South Coast AQMD, 2017. Final 2016 Air Quality Management Plan. South Coast Air Quality Management District, March 2017.

South Coast AQMD, March 2018. Staff Report: Proposed Amended Rule 1111 – NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces. South Coast Air Quality Management District, September 2014.

South Coast AQMD, March 2018. Board letter: Execute Contract to Implement Consumer Rebate Program for Rule 1111 Compliant Natural Gas-Fired, Fan-Type Central Furnaces

South Coast AQMD, December 2019. Board letter: Determine That Proposed Amendments to Rule 1111 – Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces, Are Exempt from CEQA and Amend Rule 1111

Dichter, Nelson. 2020. Report WCEC 2020-01: Analysis of NOx Emissions Hybrid Heating Technologies in California. University of California, Davis Western Cooling Efficiency Center



RESPONSE TO COMMENTS

South Coast AQMD staff held a public workshop on July 15, 2020 via Zoom video conference. Six comments were received during the public workshop, and one comment letter was received prior to end of comment period on July 24, 2020. The following responses summarize the key comments received during the public workshop:

High Altitude Installations

Comment WS-1: Furnace manufacturers have yet to provide guidance on product offerings

available for high altitude installations.

Response WS-1: At the

At the Working Group Meeting and Public Workshop, staff encouraged furnace manufacturers to reach out to installers regarding their product offerings for high altitude installations. Staff treats the discussions with OEMs regarding the status of commercialization of specific products as business confidential information. OEMs may also share commercialization status more generally, but not identify specific models and release dates. At this point, staff is aware that two furnace manufacturers are currently able to provide compliant condensing and non-condensing furnaces for installations up to around 6,800 feet above sea level or higher for communities within the South Coast AQMD, such as Big Bear City, with an additional furnace OEM expected to have units available at that elevation by October 1, 2020. To provide additional time for furnace manufacturers to develop high altitude kits and guidance for compliant 14 ng/J furnaces, staff is proposing to delay the compliance date for high altitude furnace installations one year to September 30, 2021, while maintaining existing recordkeeping requirements for the manufacturer, distributor, and installer. Staff is also proposing to offer rebates for compliant furnaces installed in high altitude areas to incentivize early adoption of compliant units prior to the September 30, 2021 compliance date.

Weatherized Furnaces

Comment WS-2: A sell-through provision should be provided for existing inventory of non-

compliant weatherized furnaces beyond the end of the extended mitigation

fee period.

Response WS-2: Based on continued discussions with the furnace manufacturers, PAR 1111

will extend the mitigation fee alternative compliance option for all weatherized units by one year to September 30, 2021, an additional six months from the original proposed date of March 30, 2021. The considerations are not only based on the COVID-19 impacts, but also the

winter heating season which typically takes place from October to March and the summer cooling season which takes place from March to September. Staff believed that the additional six months will provide extra flexibility for manufacturers and distributors to manage existing inventory by allowing companies to set their own compliance date tailored to their unique situations. Because the mitigation fee would still apply during a sell through period, the impact of extending the mitigation fee alternative compliance option is the same, but the proposed amendments provide the additional benefits of greater flexibility for inventory management.

Dual Fuel Systems with Noncompliant 40 ng/J Furnaces

Comment WS-3: Dual fuel systems with noncompliant 40 ng/J furnaces should be available as an alternative compliance option to all areas within the South Coast

AQMD jurisdiction.

Response WS-3:

PAR 1111 will include an a narrow exemption for dual fuel systems with noncompliant 40 ng/J NOx furnaces for installations above 4,200 feet above sea level until September 30, 2022 to provide additional consumer options for high altitude areas. Manufacturers, distributors, and installers of these systems will need to comply with the same recordkeeping requirements for standalone noncompliant furnaces that are installed in high altitude areas through September 30, 2021. PAR 1111 will also require additional labeling and system design requirements to ensure proper operation of the dual fuel system with a noncompliant 40 ng/J NOx furnace by prioritizing heat pump operation and lockout of switchover temperature settings at the point of manufacture with a required external temperature sensor installed with every system. Staff is also proposing to offer a rebates for all--electric heat pumpsdual fuel systems with compliant 14 ng/J furnaces to support alternative low emission technologies.

Comment Letter #1:



2311 Wilson Boulevard Suite 400 Arlington VA 22201 USA Phone 703 524 8800 | Fax 703 562 1942 www.ahrinet.org Comment

Comment Letter #1

we make life better*

July 9, 2020

Mr. Shawn Wang Planning, Rule Development and Area Sources South Coast Air Quality Management District 21865 Copley Drive, Diamond Bar, CA 91765 Email: swang@agmd.gov

Re: AHRI Comments on Proposed Revisions to South Coast Air Quality Management District Rule 1111

Dear Mr. Wang:

This letter is submitted in response to the proposed revisions to the South Coast Air Quality Management District's proposed revisions to Rule 1111 to reduce NOx emissions from natural-gas-fired, fan-type central furnaces.

The Air-Conditioning, Heating and Refrigeration Institute (AHRI) represents 332 air-conditioning, heating, and refrigeration equipment manufacturers. In North America, the annual output of the HVACR and water heating industry is worth more than \$44 billion. In the United States, the industry supports 1.3 million jobs and \$256 billion in economic activity annually. AHRI represents the vast majority of the furnace manufacturers selling products in the United States.

AHRI appreciates South Coast Air Quality Management District's (SCAQMD) staff consideration in extending the compliance date for Rule 1111 due in part to the unprecedented circumstances surrounding the COVID-19 pandemic and resulting shelter-in-place orders issued around the country and world.

The original compliance date of October 1, 2020 was originally chosen because most furnaces are installed as part of an air-conditioning package during the Spring and Summer months. Therefore, AHRI respectfully requests that the SCAQMD staff considers extending the mitigation period to October 1, 2021 to minimize any disruptions to the seasonal supply chain.

AHRI also requests that SCAQMD staff consider including a sell-through period of 6-months to allow wholesalers and contractors to use the appliances they currently have in stock. Heating and cooling appliances are ordered in bulk at least 90 days prior to the intended installation date. Additionally, construction projects designed and approved prior to the enforcement date include existing appliance types and would potentially require redesign of the building.

1-2

1-1

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1-4

AHRI's last request is for SCAQMD to consider the use of dual-fuel systems incorporating a gas-fired furnace rated at 40 ng/J and a heat-pump furnace to meet emission requirements. There is a limited number of Ultra-low NOx furnaces currently available in the marketplace and mandating their installation now would add an unnecessary cost burden for the consumer. AHRI believes that a duel-fuel system will enable the SCAQMD to attain its goal in reducing emissions while providing consumers with product choice and comfort.

AHRI appreciates the opportunity to provide these comments. If you have any questions regarding this submission, please do not hesitate to contact me at (703) 293-4864 or SCorcoran@AHRInet.org.

Sincerely,

Shannon M. Corcoran Lead Advisor, Regulatory Affairs for Heating Technologies

Response to Comment Letter #1

- **Response 1-1:** Thank you for your comments and ongoing participation in the amendments to Rule 1111.
- **Response 1-2:** We recognize the concern with a compliance date at the end of the heating season. PAR 1111 has been revised to provide the additional time needed and extend the compliance date to September 30, 2021
- Response 1-3: Staff initially recommended to extend the mitigation fee period for weatherized furnaces six months to March 31, 2021, but later revised the recommendation to extend it one year to September 30, 2021. Staff believes that the additional six months serves as a sell-through period that provides additional flexibility to manage existing inventory by allowing companies to set their own compliance date tailored to each company's unique situations
- Response 1-4: Staff's proposal provides for the installation of dual fuel HVAC systems with 40 ng/J furnaces in high altitude areas with conditions to ensure these systems operate in configurations that implement proper "anti-override" technologies. Staff will also conduct periodic "check-ins" to ensure the program is working effectively.

Comment Letter #2:

Comment Letter #2

Shawn Wang

From: Chris M Forth <chris.m.forth@jci.com>
Sent: Friday, June 19, 2020 7:01 AM

To: Shawn Wang; Susan Nakamura; Michael Krause; Gary Quinn; Yanrong Zhu

Cc: Doug McLeish; David Stephens
Subject: Johnson Controls Rule 1111 Positions

To South Coast Staff and Board Members:

Thank you for the recent discussions on this topics. The below is offered to help clarify JCl's positions regarding the upcoming Rule 1111 update.

Please let us know if you have any questions.

Chris M Forth
Executive Director
Regulatory, Codes & Environmental Affairs
Johnson Controls
chris.m.forth@ici.com

David Stephens, Ph.D., P.E., PEM Director Global Product Safety Compliance Johnson Controls david.stephens@jci.com (405) 416-6573

JCI Rule 1111 Positions

(405) 826-5802

Non-weatherized, High Altitude (Residential Split Furnace)

While we / JCI are supportive of the AHRI / industry position to request additional time due to COVID impacts
we are good with the current September 30, 2020 date.

2-1

Weatherized ULNx, Residential (Single Packaged Unit - primarily 1 ph)

 If the sector is going to be separated between residential and commercial, we are good with the current September 30, 2020 date. If the sectors are not going to be split then we agree with the AHRI / Industry position to support a 1 year delay to September 30, 2021.

Weatherized ULNx, Commercial (Rooftop, Single Package Unit- primarily 3 ph)

- If the sector is going to be separated, we / JCl agree with the AHRI / Industry position of a 1 year delay to Sept 30th, 2021. While the current 6 month delay to April 1, 2021 is appreciated, the April timeframe still falls within the industry busy season (April Sept) where manufacturers and distributors are building and pre-loading inventory in anticipation of the summer peak which cannot be filled as orders come in; the demand is simply too great for any manufacturer to "build to order". As previously agreed to by all OEM's, an October transition is the least disruptive to all stakeholders. Because of the change in the heating system we are better off with the October date. The units will be run in the "heating "mode shortly after being installed (if there are field issues they will surface and get addressed), instead of starting sales going into the cooling season where they will may not be noticed for several months.
 - We / JCI also need additional time to develop a new, packed, 40 Ng/J dual fuel offering which we do not
 have in our product portfolio today; 6 months is simply not enough time for the required product
 development process to work in the current COVID situation which continue to impact our operations.
- We / JCI agree with distributions' request for at least a brief 90 day sell through to avoid stranding inventory in the channel as commercial jobs have longer lead times and require specific models to align with roughed in

2-2

curbs. In the replacement market existing ductwork and curbs which comprises the majority of the jobs in the commercial market.

2-2 cont'd

 Please note that JCI will not be building additional, 40 Ng/J inventory during this period; this request is simply to support distribution inventory sell through as the timing of individual sales is very hard to predict.

Non-weatherized, Dual Fuel (Residential Split Furnaces) Weatherized, Dual Fuel (Single Packaged Units)

- JCI supports the 40 Ng/J Dual Fuel alternative for both non-weatherized and weatherized applications for the following reasons:
 - o It will reduce overall NOx emissions compared to a standalone 14 Ng/J Ultra Low NOx furnace
 - It will increase consumer choice as there are significantly more models available in the market with the current 40 Ng/J Low NOx furnace from all OEM's versus the 14 Ng/J models which require a complete new, more complex technology.
 - It will improve overall market efficiency as several manufacturers including JCI do not have their high
 efficiency systems designed for with Ultra Low NOx operation (16 SEER packaged units, 20+ SEER split
 units and not available with the Ultra-Low NOx); the market demand is simply not great enough due to
 cost / price.
 - It will reduces consumer cost as the technology to achieve the 40 Ng/J threshold is far less expensive than the technology required to achieve the lower 14 Ng/J level.

Explanation

- Please note that JCI does not support the Hybrid proposal of a heat pump paired with an Ultra-Low NOx (14 Ng/J) furnace due to increased consumer cost (the design required to comply with a 14 Ng/J Ultra Low NOx furnace is simply more expensive than a 40 Ng/J) and less consumer choice as there will be far more models available in the market with the 40 Ng/J design.
- Overall Energy efficiency has also been sacrificed as there are far fewer high efficiency models available with Ultra Low NOx versus the current 40 Ng/J models. Note that only 9% of available rebates went to non-weatherized furnaces as there are simply far fewer models available and the added cost/price deters consumer adoption. Several manufacturers including JCl do not offer the highest efficiency equipment in a Dual Fuel application due to technology challenges and cost issues of adding even more cost to an already premium priced system.
- To Address South Coast Staff concerns regarding field adjustment of the balance point and inspector confusion with both 14 and 40 Ng/J furnaces in the market JCI offers the following comments:
 - There is technology available in the market that can prevent home owners from adjusting the balance point of a dual fuel system to ensure the heat pump operates the majority of operating hours versus the furnace. This can either be through thermostat's with password protection or diagnostic software provided by the manufacturer to the contractor. Access to this adjustment can be limited to trained service technicians familiar with the equipment. Future enhancements could include utility access to adjust the balance point setting similar to that which occurs today with cooling "demand shed", (energy savings) programs that consumers can "opt into".
 - A dual fuel system always includes a heat pump versus an air-conditioner. Contractors and installers clearly know the difference between a heat pump and an air-conditioner. Rule 1111 requires clear labeling of furnace NOx emission levels. Therefore inspectors can easily determine if there is a clearly marked 40 Ng/J furnace; it must be mated with a heat pump. Heat pumps are easily discernable from air-conditioning units by physical configuration, model numbers, literature / application data, etc. Several OEM's (including JCI) have QR / Bar codes on their equipment labeling which enables inspectors, installers, homeowners, etc. to quickly access available public information as to the equipment type. Thus JCI believes this is easily controlled.

JCI also notes that California is a leader in the decarbonization and electrification initiative. As such, dual fuel applications support this effort and provide the lower cost alternative to a standalone heat pump with backup electric heat. Most of California's installed home base is comprised of older homes which were designed for use with gas heat thus retrofitting to a heat pump will often require additional electrical capacity increases. Often times this will include increasing the homes Amp service capacity from 100 amps to 150 ~ 200 amp service which can cost several thousand dollars (please confirm with electrical contractors). A dual fuel option will prevent the need for this costly increase and still support the decarbonization initiative and keep consumer cost low.

2-3 cont'd

Response to Comment Letter #2

- **Response 2-1:** Thank you for your comment.
- **Response 2-2:** Please see response to comment WS-2 regarding weatherized furnaces from the public workshop.
- **Response 2-3:** Please see response to comment WS-3 regarding dual fuel systems with non-compliant 40 ng/J NOx furnaces from the public workshop.

Comment Letter #3



Lennox International Inc. 2140 Lake Park Boulevard Richardson, Texas 75080-2254

Mailing Address: P.O. Box 799900 Dallas, Texas 75379-9900 Comment Letter #3

Telephone: 972.497.6659 Facsimile: 972.497.6991 LennoxInternational.com

Dave Winningham Sr. Engineering Manager Regulatory Affairs Telephone: 803-738-4085

July 28, 2020

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

Submitted via: e-mail

Re: South Coast Air Quality Management District Rule 1111 Amendment Proposal

Lennox International Inc. (Lennox) is one of two American-based manufacturers who compete in the residential furnace market subject to Rule 1111. Lennox is a leading provider of climate control solutions for the heating, air-conditioning and refrigeration equipment markets (HVACR). Lennox has a long history of innovation leadership since our founding over 120 years ago in Marshalltown, Iowa. Lennox manufactures some of the most efficient and environmentally friendly products available while maintaining the levels of product safety and reliability required by the HVACR market.

Lennox has consistently supported the advancement of South Coast Air Quality Management District's ("SCAQMD") Rule 1111 which significantly reduces furnace NOx emissions. Lennox supports the continued progression of the Rule for weatherized and high-altitude furnace products but the impacts of the current COVID-19 pandemic and resulting economic hardship are causing delays in product development programs. Lennox supports the current SCAQMD Rule 1111 Amendment proposal as it allows for a rationale transition to compliant products ensuring adequate product availability and reasonable consumer cost.

Lennox supports the SCAQMD Rule 1111 Amendment as proposed.

The establishment of the 14 ng/jl limit for furnaces covered by Rule 1111 was finalized in November 2009. Lennox introduced the first commercially available SCAQMD Rule 1111 compliant furnaces in November 2017. Following this initial introduction Lennox has launched a complete range of compliant products that range from non-condensing furnaces to premium high efficiency condensing furnaces in configurations. This includes furnaces that match with our highest efficiency air conditioning and heat pump systems with variable capacity.

Lennox is continuing its commitment to expand its offering to include high altitude and weatherized products as well as to further expand its furnace offering. But due to obvious recent events caused by the COVID-19 pandemic these development efforts have been delayed. Lennox finds the current SCAQMD Amendment Proposal strikes the proper balance to allow for development of these products while incentivizing the transition to compliant products through the Clean Air Rebate program. Since our initial offering of compliant furnaces in late 2017 the volume of compliant products has consistently grown and offers future opportunity for investment to improve manufacturing productivity and consumer cost of these products.

The proposed extension of the mitigation period/compliance date for weatherized and highaltitude furnaces will ensure consumers have an adequate choice of products and a reasonable level of competition to ensure their interest are protected. 3-1

B. Lennox opposes further Rule 1111 Amendment proposals for dual fuel systems that allow continued use of non-compliant furnaces.

Further Amendment of Rule 1111 to allow non-compliant furnaces in dual fuel application is not aligned with the intent of the rule and disadvantage compliant furnace manufacturers. It will also cause further uncertainty in the market and perpetuate a cycle of resistance to low emission furnace technology by manufacturers, distributors and installers.

Lennox has spent millions of dollars in research and development investments and production capability to commercialize a technically feasible product and has paid millions in mitigation fees to comply with SCAQMD Rule 1111 regulations. During the ongoing Rule 1111 Amendment process Lennox consistently indicated that compliant manufacturers were being placed at a disadvantage in the market. While Lennox agrees that dual fuel systems can provide additional emission reductions, all Lennox compliant furnace can be used in dual fuel applications to provide additional reductions. SCAQMD efforts to incent dual fuel systems with compliant furnaces through the Clean Air Rebate program is the recommended approach and is well aligned with the objectives of Rule 1111 to reduce NOx emissions.

SCAQMD has correctly identified that further amendment of the rule for non-compliant dual fuel systems will open potential loopholes and create unnecessary enforcement issues regarding non-compliant furnaces and should not be considered in the current Rule Amendment.

C. Clean Air Rebate Program

Lennox supports the SCAQMD recommendation for the Clean Air Rebate Program to incentivize compliant weatherized, high altitude and dual fuel systems. While our current development for weatherized and high-altitude furnaces has been delayed, we support rewarding compliant product in these as well as dual fuel applications.

D. Summary

In summary Lennox supports the work of SCAQMD to move forward with the current Rule 1111 Amendment as proposed. Lennox has upheld its commitment to support Rule 1111 with its resulting significant reduction in NOx emission to help SCAMQD achieve its air quality objectives and finds that further amendment for non-compliant dual fuel systems will disadvantage manufacturers who have invested heavily in compliant products.

Sincerely,

Dave Winningham,

Sr. Engineering Manager, Regulatory Affairs

3-4

Response to Comment Letter #3

- **Response 3-1:** Staff acknowledges the work Lennox has conducted over the past years to achieve low NOx furnaces and appreciates both your comments and ongoing participation in the rule development process.
- Response 3-2: Staff's current proposal will allow for dual fuel systems with non-compliant 40 ng/J furnaces to be installed at elevations at or above 4,200 feet until September 30, 2022. As stated in Response 1-4, conditions will be imposed on the systems sold under this exemption and staff will conduct periodic updates of the supply chain to ensure proper implementation.
- **Response 3-3:** Staff appreciates the continued input the commenter provided toward revision of the Clean Air Furnace Rebate Program.
- **Response 3-4:** Staff appreciates the commenter's support of the amendments to Rule 1111,

Comment Letter #4



Comment Letter #4

July 28, 2020

Shawn Wang Air Quality Specialist South Coast Air Quality Management District 21865 Copely Drive Diamond Bar, CA 91765

Re: PAR 1111: 30-Day Preview Version

Dear Mr. Wang,

We would like to submit the following comments regarding the most recent 30-Day Preview version of the PAR 1111.

- 4-1
- Currently, paragraph (g)(6)(A) lists a requirement of "an external ambient switchover temperature of 32°F with a nonadjustable system that would prevent any person from changing the external ambient switchover temperature of 32°F". We request that the mandated switchover temperature be adjusted to 40°F. Studies conducted by Trane Technologies and others have consistently shown the efficacy of dual fuel systems at 40°F, demonstrating a potential annual NOx reduction of 96%.

4-2

- Seeing as there are different methods to prevent switchover temperature tampering, the requirements listed in paragraphs (g)(6)(B) and (g)(6)(C) should be noted as an and/or statement.
 - Currently, the document indicates that both an external ambient temperature sensor and communicating technology need to be present in order for the system to be acceptable. The weatherized furnace solution proposed by Trane Technologies does not encompass communicating technology and relies solely on a nonadjustable, external ambient temperature sensor. This sensor and associated hard-wired software satisfy all of the requirements set in PAR 1111 without the use of communicating technology. Given this method of satisfying the PAR 1111 requirements, we propose that an and/or clause is adopted, or that weatherized and condensing and non-condensing requirements are listed separately.

4-3

Trane Technologies

Residential HVAC, 6200 Troup Highway, Tyler, TX, 75707, 903-730-4014, kellie.lindenmoyer@tranetechnologies.com





We are thankful for South Coast Air Quality Management District's (SCAQMD) continued dialog and coordination in regard to PAR 1111. We are confident that together we can work toward providing the best heating, ventilating, and air conditioning (HVAC) solutions that help limit Nitrous Oxide (NOx) and Carbon Dioxide (Co₂) emissions. Should you have any questions, please don't hesitate to contact us.

Best Regards,

Kellie Lindenmoyer

Kellie Lindenmoyer Furnace Product Manager

Response to Comment Letter #4

- **Response 4-1:** Thank you for your comments on the amendments to Rule 1111.
- The switchover temperature for dual fuel systems referenced in the proposed **Response 4-2:** amendments to Rule 1111 was based on a publicly available study conducted by University of California, Davis, and formally presented to staff and the Governing Board at last year's public hearing. That study demonstrated potential NOx emissions reductions of up to 95-100 percent in high population areas of California when using a heat pump with a low NOx furnace (40 ng/J) for auxiliary heat as compared to the emissions from the operation of a standalone ultra-low NOx (14 ng/J) furnace. One of the parameters of the study assumed a switchover temperature of 32 °F, and since most of the Southern California region do not typically drop to temperatures below 32°F, the study concluded this region could rely solely on the electric heat pump, thus generating fewer NOx emissions compared to the compliant standalone 14 ng/J NOx furnace. While the amendments support the use of dual fuel systems, the lower switchover temperature ensures more operation of the electric heat pump and emission reductions expectations as presented in the UC Davis study.
- Response 4-3: Staff agrees with the commenter that weatherized dual fuel systems do not face the same challenges as split dual fuel systems that utilize condensing, noncondensing, or mobile home furnaces. As such PAR 1111 language does not require weatherized furnaces to include communicating technology for exemption (g)(6).
- **Response 4-4:** Staff appreciates the commenter's ongoing participation and collaboration during the development of the amendments to Rule 1111.

Comment Letter #5



Comment Letter #5

July 31, 2020

Shawn Wang Air Quality Specialist South Coast Air Quality Management District 21865 Copely Drive Diamond Bar, CA 91765

Re: PAR 1111: 30-Day Preview Version

Dear Mr. Wang,

Trane Technologies[™] is a climate company with well-known brands such as Trane[®], American Standard Heating and Air Conditioning[®] and Thermo King[®], which are global leaders in stationary and transport air conditioning and transport refrigeration products. Trane Technologies is well-known for its global sustainability leadership in reducing emissions, where it reduced more than 35% of its operational GHG footprint and 50% of its product refrigerant GHG footprint between 2015 and 2020. Trane Technologies has also committed to having a carbon neutral footprint and reducing our customers' emissions by one gigaton (1 billion metric tonnes) CO₂e by 2030.

It is with these commitments in mind that we would like to submit the following comments regarding the most recent 30-Day Preview version of the PAR 1111. We will first address our issues with the specific proposed language, and then discuss our request for general dual fuel application.

Paragraph (g)(6)(A) lists a requirement of "an external ambient switchover temperature of 32°F with a nonadjustable system that would prevent any person from changing the external ambient switchover temperature of 32°F". We request that the mandated switchover temperature be adjusted to 40°F. Studies conducted by Trane Technologies and others have consistently shown the efficacy of dual fuel systems at 40°F, demonstrating a potential annual NOx reduction of 96%.

 Paragraph g(6) only allows for low NOx furnace (40 ng/J) dual fuel systems that have both an external ambient temperature sensor and communicating technology. However, the weatherized furnace solution proposed by Trane Technologies does not include communicating technology and relies solely on a 5-1





nonadjustable, external ambient temperature sensor. This sensor and associated hard-wired software satisfy all of the requirements set in PAR 1111 without the use of communicating technology. As such, we propose clarifying this issue as suggested below.

- Paragraph g(6) only allows for low NOx dual fuel systems at altitudes at or above 4,200 feet above sea level. However, given that Trane Technologies and other manufacturers have definitively demonstrated how weatherized units and communicating condensing and non-condensing dual fuel systems will include adequate safeguards to prevent installers, distributors and homeowners from tampering with the furnace and heat pump configuration and programming, low NOx dual fuel systems should be allowed at all altitudes for weatherized units and communicating systems as suggested below. We have presented the following solutions:
 - Weatherized solution:
 - Weatherized units, also known as packaged units, come with each piece of equipment in one central location. Since the equipment is 'packaged' together, we are able to implement a temperature sensor and locked switchover point that cannot be tampered with or adjusted. The locked switchover temperature of 40°F is not accessible physically or digitally by installers, distributors, or homeowners.
 - o Communicating, condensing and non-condensing furnaces:
 - In condensing and non-condensing applications, the equipment comes in two different pieces. Our communicating systems would ensure that the outdoor unit is always a heat pump and that the switchover temperature cannot be changed from 40°F. The heat pump and thermostat's "communication" with one another begins upon startup, and if the thermostat detects that it is installed with anything other than a heat pump, it will not work. Furthermore, if the thermostat detects that it is installed with a designated 40 ng/J furnace (which will have a special model number) and a heat pump, it will lock the temperature switchover point at 40°F and cannot be modified by any user or repair person. This communication method is hard-wired and does not rely on any outside internet or data connections.

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5-4



• With respect to the mitigation fees listed in Table 2 – Alternate Compliance Plan with the Phase One and Phase Two Mitigation Fee Schedules, we request that the mitigation fees be waived for dual fuel systems sold into the District beginning September 30, 2020. Since these systems have lower annual NOx emissions than a standard 40 ng/J furnace and air conditioner system we believe the mitigation fee, which serves to encourage compliance and subsequently reduce NOx emissions, should not apply.

We hereby propose the following changes to the preview version of PAR 1111:

Add definition of Communicating System as follows:

COMMUNICATING SYSTEM means:

A communicating system is enabled with microprocessors that allow for two-way communication between the indoor unit, outdoor unit and thermostat. This communicating capability allows for functionality such as: unit recognition upon install, optimizing system performance, performance data, and monitoring/alerts.

Modify Paragraph 6 as follows:

(6) Effective October 1, 2021 and until September 30, 2022, aA manufacturer, distributor, or installer that manufactures, supplies, sells, offers for sale, or installs a natural gas furnaces certified to meet 40 ng/J of NOx that is installed and operated as part of a dual fuel system at or above 4,200 feet above sea level-in the South Coast AQMD, shall only install such a unit that:

- Is designed by the manufacturer with an external ambient switchover temperature of 3240°F with a nonadjustable system that would prevent any person from changing the external ambient switchover temperature of 3240°F;
- (B) Includes installation of an external temperature sensor which acts as the sole method to determine ambient temperature; switchover point;
- (C) For Communicating Systems, lincludes communicating technology between system components at the point of manufacture to prevent system operation without a heat pump and prioritizes operation of the heat pump over the furnace; and
- (D) The shipping carton or the name plate of the furnace clearly displays: "This furnace must be installed only in a dual fuel configuration with an electric heat pump. Installation of this furnace without a heat pump

Trane Technologies

Residential HVAC, 6200 Troup Highway, Tyler, TX, 75707, 903-730-4014, kellie.lindenmoyer@tranetechnologies.com



in a dual fuel configuration will be a violation of South Coast AQMD Rule 1111."

5-4 (cont'd)

Mitigation fees set forth in Table 2 shall not apply to 40 ng/J NOx furnaces that are installed and operated as part of a dual fuel system.

5-5

5-6

As Trane Technologies has repeatedly indicated given that the studies we have presented, including the study conducted by the University of California, Davis, have demonstrated that dual fuel systems including a low NOx furnace reduce annual NOx emissions by 96%. This technology includes many additional benefits, such as:

- Annual CO₂ emission reductions of more than 67%¹
- o Proven, robust technology with reliable operation
- o Readily available to all manufacturers
- o Installer familiarity with the technology and equipment
- o Expanded size and capacity selections to allow for proper equipment sizing
- o An economical path toward electrification for existing homes
 - Traditional all-electric systems can come with substantial conversion costs in order to accommodate for the new system's physical size and required voltage. Dual fuel eliminates this need by allowing consumers to utilize their existing installation space and voltage connections.

o Functionality at all altitudes, including high altitudes

- Expanded consumer choice which would include high efficiency, communicating air conditioning systems
 - These systems are incredibly limited today with current ultra-low NOx offerings

We understand and appreciate the concerns discussed with District Staff regarding dual fuel systems and their enforcement. However, we maintain our position that altering switchover temperatures would be highly improbable and impractical. Testimony from installers in our recent workshops has confirmed that there is simply no incentive for installers and homeowners to adjust switchover temperatures, or to purchase an entire dual fuel system to only install the low NOx furnace. If the District is willing to allow dual fuel for high altitude application, it would need to deal with the same enforcement issues and track the same recordkeeping requirements. As such, in light of all the benefits of

¹ Based on findings in a study conducted by the University of California, Davis Western Cooling Efficiency Center. Dichter, Nelson. "Analysis of NOx Emissions from Hybrid Heating Technologies in California." Western Cooling Efficiency Center. Accessed July 29, 2020. https://wcec.ucdavis.edu/wp-content/uploads/Analysis-of-NOx-Emissions.WCEC-Technical-Report.2020-01.pdf.

Town Taskaslavia

Residential HVAC, 6200 Troup Highway, Tyler, TX, 75707, 903-730-4014, kellie.lindenmover@tranetechnologies.com



dual fuel systems and the added benefit of further reducing California's GHG emissions, we respectfully request that you consider allowing dual fuel systems for all applications, not just at high altitude.

We truly appreciate the District's ongoing dialog and coordination with Trane Technologies with respect to PAR 1111. We are confident that together we can work toward providing the best heating, ventilating, and air conditioning (HVAC) solutions that substantially reduce NOx and CO₂ emissions. Should you have any questions, please don't hesitate to contact us.

5-6 (cont'd)

Best Regards,

Kellie Lindenmoyer

Kellie Lindenmoyer Furnace Product Manager

Response to Comment Letter #5

- **Response 5-1:** This comment letter expands upon the previously received comment letter #4. Please see Responses 4-2 and 4-3 regarding dual fuel switchover temperatures and weatherized dual fuel systems, respectively.
- Response 5-2: Staff acknowledges a dual fuel system with a 40 ng/J furnace has the potential, if designed properly, to generate lower NOx emissions than a standalone 14 ng/J furnace; however, allowing dual fuel systems with non-compliant 40 ng/J furnaces could create enforcement challenges. Such challenges include the ability for installers or consumers to change the "switchover temperature" setting through the system control panel. This could lead to noncompliant 40 ng/J NOx furnaces becoming more accessible for sale and installation in standalone applications within the District, adding uncertainty to the actual emission reductions. Comparatively, a dual fuel system with a 14 ng/J furnace provides even more emissions reduction, encourages new technology, and avoids additional enforcement concerns.

On this basis, staff does not recommend installation of dual fuel systems with noncompliant 40 ng/J NOx furnaces at elevations below 4,200 feet above sea level. On the other hand, staff is recommending an incentive through the Clean Air Rebate Program for-<u>all electric heat pump systems dual fuel systems with compliant 14 ng/J NOx furnaces</u>. Additional information on the considerations, comparative operating cost estimates, and enforcement concerns for dual fuel systems with 40 ng/J furnaces can be found in Chapter 2 of this report

- **Response 5-3:** The current rule proposal is to allow dual fuel systems equipped with noncompliant 40 ng/J furnace in high altitude areas to not be subject to the mitigation fees listed in Table 2 Alternate Compliance Plan with the Phase One and Phase Two Mitigation Fee Schedules.
- **Response 5-4:** The current rule proposal further elaborates on the definition of communicating technology in subsection (g)(6)(C). For further discussion on how the switchover temperature of 32°F was determined, please see Response 4-2 to Comment Letter #4.
- **Response 5-5:** Please see Response 5-3 with regard to mitigation fees.
- Response 5-6: Staff appreciates the commenter's ongoing participation and collaboration during the development of the amendments to Rule 1111. Considerations were made with information provided by commenter's referenced study conducted by the UC Davis Western Cooling Efficiency Center (WCEC). Additional information on the determination of switchover temperature can be found in Response 4-2 to Comment Letter #4.

Additional information on the considerations, comparative operating cost estimates, and enforcement concerns for dual fuel systems with $40\,\mathrm{ng/J}$ furnaces can be found in Chapter 2 of this report.

Comment Letter #6



August 19, 2020

Stationary Source Committee South Coast AQMD 21865 Copley Drive Diamond Bar, CA 91765

Subject: PAR 1111 Proposed Revisions, Natural Gas Fired, Fan Type Central Furnaces

Johnson Controls respectfully submits the following comments in regards to proposed updates to Rule 1111, Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces and believe it is of high importance board members are fully informed.

6-1

Weatherized Furnace Mitigation Period Extension

We / JCI are supportive of the South Coast staff and AHRI / industry position to the request to extend
the end of the weatherized furnace mitigation period from the current September 30, 2020 for one
year to September 30, 2021. This position is based on the magnitude of the COVID-19 impacts and
the uncertainty regarding the easing of the pandemic.

Weatherized Furnace Sell-Through Period

- We / JCI agree with distributions' request for at least a brief 60 day sell-through to avoid stranding
 inventory in the channel as commercial jobs have longer lead times and require specific models to
 align with existing ductwork and mounting curbs. This can have major impacts on new construction
 projects due to the potential construction delays.
- We / JCI strongly disagree with South Coast staff position regarding using the last six months of the
 mitigation fee extension as a sell-through period. Along with COVID-19 impacts a primary reason
 for extending the mitigation fee period is to avoid the rule change driven disruptions during the April
 to September part of the business cycle. These are the most active time for HVAC business cycle
 and introducing a new product in that time period is unsafe and disruptive. As an active business
 period, this results in an increased number of jobs starting and being delayed past the end of the
 mitigation period.

6-2

6 - 3

Dual Fuel Weatherized (Single Packaged Units) Systems

- JCI supports the staff recommendations to allow the use of weatherized dual fuel systems at all
 elevations.
 - On an annual basis, dual fuel systems reduce overall furnace NOx emissions compared to a standalone 14 ng/J ultralow NOx furnace.
 - The weatherized 40 ng/J low NOx furnace with standard heat pump (HP) will cost¹ consumers 28% less than the ultralow NOx counterpart and will emit less NOx than the 14 ng/J ultralow NOx furnace / with AC combination.
 - The option of weatherized low NOx furnaces offers greater consumer choice in terms of consumer cost and availability of more efficient systems.
 - It will provide South Coast staff the data to support a more thorough review of the benefits of dual fuel systems.

Cost estimates are based on Johnson Controls general supply chain review and are not reflective of industry wide pricing.

Dual Fuel Non-Weatherized Systems (Residential Split Furnaces)

- JCI disagrees with South Coast staff position on non-weatherized dual fuel systems below 4,200 ft.
 JCI supports the 40 ng/J dual duel alternative for non-weatherized applications at all elevations for the following reasons:
 - On an annual basis, dual fuel will reduce overall furnace NOx emissions compared to a standalone 14 ng/J ultralow NOx furnace.
 - The non-weatherized (residential split systems) 40 ng/J low NOx furnace paired with standard heat pump (HP) is 14%² less expensive and emits less NOx than the combination 14 ng/J ultralow NOx furnace and air conditioner (AC).
 - It will improve overall market efficiency as several manufacturers including JCI do not have their high efficiency systems designed for with Ultra Low NOx operation (16 SEER packaged units, 20+ SEER split units and not available with the Ultra-Low NOx); the market demand is simply not great enough due to cost / price.

Increased Rebate Incentives

JCI supports and increase in the rebate incentive amount from the planned \$500 per unit rebate
incentive to a rebate of \$1,000 per unit. Cost information indicates the cost difference between the
low NOx (40 ng/J) unit and the ultralow NOx (14 ng/J) unit is in excess of \$1,000. To incentivize
consumers to select the ultralow NOx unit, JCI supports a rebate incentive closer to the cost
difference of \$1,000.

Dual Fuel Emissions Study

JCI supports the continuation of third party studies for dual fuel system. JCI supports taking the
proposed extended time for dual fuel installations to complete a third party study of dual fuel
systems by an independent agent using field based data.

Dual Fuel Switchover Point

Technology is available in the market to prevent home owners from adjusting the dual fuel system
balance point thus ensuring the heat pump operates the majority of operating. This can either be
through thermostats with password protection or diagnostic software provided by the
manufacturer to the contractor. Future enhancements could include utility access to adjust the
balance point setting similar to that which occurs today with cooling "demand shed", (energy
savings) programs that consumers can "opt into".

Respectfully,

Chair M Forth Evrous

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6-6

(cont'd)

² Cost estimates are based on Johnson Controls general supply chain review and are not reflective of industry wide pricing.

Response to Comment Letter #6

- Response 6-1: Thank you for your comments and continuing participation as rule amendments are developed.
- Response 6-2: Please see response to comment WS-2 from the public workshop comments regarding extending the mitigation fee deadline for weatherized furnaces. With regard to adding a sell-through provision, PAR 1111 will extend the mitigation fee alternate compliance option for all weatherized units by one year to September 30, 2021, an additional six months from the original proposed date of March 30, 2021. The additional six months provides manufacturers time to manage existing orders and inventory. Staff believes that any time extension should require collection of the mitigation fee.
- Response 6-3: Please see Response to Comment 5-2 regarding dual fuel systems with noncompliant 40 ng/J furnaces in lower altitude areas.
- Response 6-4: Staff has reached out to all furnace OEMs to request furnace pricing information to determine the average cost difference between 40 ng/J and 14 ng/J furnaces. The previous rebate proposal was determined based off the pricing information gathered from the furnace OEMs who participated in the data request, as well as one furnace installer.
- Response 6-5: While a third-party study is not proposed, staff will continue to monitor the effectiveness of the exemption for dual fuel systems with noncompliant 40 ng/J furnaces installed at high altitudes (≥4,200 feet) in approved configurations and will report back to the Stationary Source Committee no later than May 21, 2022. This report shall include, but not be limited to, an assessment of the quantity and models of the dual fuel system being installed, and whether the exemption should be extended or expanded
- Response 6-6: Concerns surrounding the switchover point and enforcement for dual fuel systems with noncompliant 40 ng/J furnaces can be found in Response to Comment 5-2 as well as Chapter 2 of this staff report.

PROPOSED AMENDED RULE 1111

REDUCTION OF NO_X EMISSIONS FROM NATURAL-GAS-FIRED, FAN-TYPE CENTRAL FURNACES

BOARD MEETING SEPTEMBER 4, 2020

Background

- □ Rule 1111 was adopted in 1978 and applies to residential and commercial gas furnaces
- □ In November 2009, the NOx limit was lowered from 40 ng/J to 14 ng/J
 - Manufacturers could pay a mitigation fee in lieu of meeting the lower emission limit
- □ On October 1, 2019 the mitigation fee ended for condensing and non-condensing furnaces, requiring manufacturers to meet the 14 ng/J NOx limit
 - All seven manufacturers have furnaces that meet the 14 ng/J limit
 - Condensing and non-condensing units represent approximately 80% of residential and commercial gas furnaces
- On December 6, 2019 Rule 1111 was amended to allow 40 ng/J furnaces to be installed in high altitude areas as no furnaces were available for higher elevations

Amendments Needed to Address October 1, 2020 Compliance Date

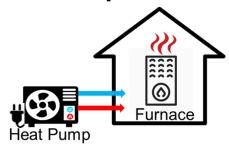
- ☐ Two furnace categories have October 1, 2020 compliance dates
 - Condensing and non-condensing furnaces for high altitude areas (≥ 4,200 feet)
 - Weatherized furnaces
- □ PAR 1111 will extend the compliance date one year for both categories
 - Less than half of the manufacturers have furnaces that can be commercialized by October 1, 2020
 - Delays due to COVID-19: temporary plant closures, travel restrictions, slower development and reduced production due to social distancing
 - Staff will provide an update on the development of testing for high altitude furnaces by the May 2021 Stationary Source Committee meeting
- Proposed amendments would result in a one-year delay of NOx emissions reductions of 0.026 tons/day

Two Remaining Key Issues

- Key Issue #1: Two manufacturers requested an additional 60-day sell through period beyond the 12-month mitigation fee extension for weatherized furnaces
- Staff Response:
 - 5 of the 7 manufacturers will have either or both residential or commercial weatherized furnaces by April 1, 2021
 - The additional six months to September 30, 2021 allows time to manage inventories
 - Recommendation: Maintain current proposal of a 12-month mitigation fee extension for weatherized furnaces
- Key Issue #2: Some stakeholders have requested the use of dual fuel systems with noncompliant 40 ng/J furnaces to provide additional consumer choice

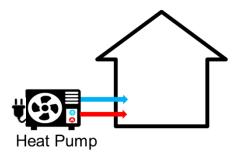
Overview of Dual Fuel System with a Gas Furnace and an All Electric Heat Pump

Dual Fuel System with Gas Furnace (Heat Pump and Gas Furnace)



- Dual fuel heating system is an electric heat pump paired with a gas furnace
- Dual fuel systems with a 14 ng/J furnace have been available since October 1, 2019
- Primary cooling and heating provided by the electric heat pump
- Gas furnace is used as auxiliary heat at low temperatures, generally below 32°F

All Electric Heat Pump Only



- All electric heat pump provides all cooling and heating with heat pump
- No combustion source zero emissions
- For most areas in Southern California, temperatures do not drop below 32°F so auxiliary furnace is not needed

Concerns About 40 ng/J Dual Fuel Systems



- For past year, manufacturers could only offer 14 ng/J furnaces with dual fuel systems
- Allowing dual fuel systems with a 40 ng/J furnace is backsliding



- 40 ng/J dual Emissions fuel system is 65% more emissive than a 14 ng/J dual fuel system ncreased 40 ng/J dual
 - fuel system is not always less emissive than a standalone 14 ng/J furnace



Enforcement Challenges

- Most inspections at distributor's warehouse
- Difficult to distinguish a 40 ng/J furnace that is intended for a dual fuel system or standalone installation



1111 Approach

Rule

- Rule 1111 regulates furnace emissions
- Shifts focus to how furnace is used
- Need to ensure consumer does not tamper or disconnect heat pump

Additional Incentives Through the CLEANair Furnace Rebate Program



- South Coast AQMD initiated the Clean Air Furnace Rebate Program in 2019 to incentivize commercialization of 14 ng/J furnaces
- Initial funding of \$3 million has been distributed
- Approximately \$4.6 million from Fund 27 (Rule 1111) available from Rule 1111 mitigation fees
- Staff recommendations:
 - Use \$3.5 million of available funding to incentivize consumer rebates for 14 ng/J furnaces in high altitude, weatherized and all electric heat pumps
 - Maintain a minimum of 25% set aside for disadvantaged and low income communities*
 - Rebate program would end when \$3.5 million is exhausted
 - Electric and Gas Industries Association would continue to manage the Rebate Program

^{*} Disadvantaged and low-income communities will be identified using SB535 and AB1550, respectively

Proposed Consumer Rebate Incentives



South Coast AQMD's consumer rebate program funded through Rule 1111 mitigation

fees



\$500 rebate for 14 ng/J furnaces installed in high altitude areas (≥4,200 feet)

Limit: 200 units and no later than September 30, 2021



\$500 rebate for 14 ng/J weatherized furnaces

Limit: 600 units and no later than September 30, 2021



\$1,500 rebate for zero emission heat pump systems (replacements only)

Limit: 2,000 units or when funds depleted

A minimum of 25 percent of the recommended funding will be reserved for installations in disadvantaged and low-income communities as identified under SB535 and AB1550

Staff Recommendations

- Adopt Resolution
 - Determining PAR 1111 and revisions to the CLEANair Furnace Rebate Program are exempt from CEQA
 - Amending Rule 1111
 - Recognizing into the Air Quality Investment Fund 27 (Rule 1111), \$3,500,000 and revising the Clean Air Furnace Rebate Program to incentivize installation of 14 ng/J furnaces and electric heat pumps
 - Commitment to report back to the Stationary Source Committee by May 2021 on:
 - Status of furnaces for high altitude installations
 - Status of rebate program and recommended changes, if any