



South Coast Air Quality Management District

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

A G E N D A

MEETING, JUNE 1, 2018

A meeting of the South Coast Air Quality Management District Board will be held at 9:00 a.m., in the Auditorium at SCAQMD Headquarters, 21865 Copley Drive, Diamond Bar, California.

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

Questions About Progress of the Meeting

- During the meeting, the public may call the Clerk of the Board's Office at (909) 396-2500 for the number of the agenda item the Board is currently discussing.

The agenda and documents in the agenda packet will be made available upon request in appropriate alternative formats to assist persons with a disability. Disability-related accommodations will also be made available to allow participation in the Board meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please telephone the Clerk of the Boards Office at (909) 396-2500 from 7:00 a.m. to 5:30 p.m. Tuesday through Friday.

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

The Agenda is subject to revisions. For the latest version of agenda items herein or missing agenda items, check the District's web page (www.aqmd.gov) or contact the Clerk of the Board, (909) 396-2500. Copies of revised agendas will also be available at the Board meeting.

CALL TO ORDER

- Pledge of Allegiance
- Opening Comments: William A. Burke, Ed.D., Chair
Other Board Members
Wayne Nastri, Executive Officer

Staff/Phone (909) 396-

CONSENT CALENDAR (Items 1 through 15)

Note: Consent Calendar items held for discussion will be moved to Item No. 16

1. Approve Minutes of May 4, 2018 Board Meeting **Garzaro/2500**
2. Set Public Hearing July 6, 2018 to Consider Adoption of and/or Amendments to SCAQMD Rules and Regulations **Nastri/3131**

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 **Nakamura/3105**

At the Public Hearing to adopt amendments to Rule 1111 on March 2, 2018, the Board directed staff to propose additional labeling requirements to better inform consumers when a unit is subject to a mitigation fee. PAR 1111 will add labeling requirements for any furnace that is utilizing the mitigation fee alternate compliance option because the unit is not certified to meet the 14 ng/J certification limit. In addition to adding information to the existing labeling required for each furnace and its shipping container, PAR 1111 also requires that the consumer brochure and technical specification sheet for the furnace, as well as the manufacturer's website, include language to inform consumers about units that do not meet the 14 ng/J certification limit and are subject to a mitigation fee. 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 are exempt from the requirements of the California Environmental Quality Act; and 2) Amending Rule 1111 – Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces. (Reviewed: Stationary Source Committee, April 20 and May 18, 2018)

Budget/Fiscal Impact

3. **Execute Contracts to Implement Recommendations to Enhance Socioeconomic Assessments for AQMP** **Fine/2239**

Two RFPs were released on March 2, 2018 to assist in the implementation of two major recommendations by Abt Associates, Inc. intended to enhance SCAQMD's socioeconomic assessments for future AQMPs. The purpose of the first RFP was to conduct a literature review and provide recommendations on analyzing public welfare benefits of clean air (e.g., agriculture, ecology, recreational visibility, and building materials benefits). The second RFP solicited proposals to conduct a literature review and empirical study of residential visibility benefits, and to provide recommendations on the quantification and valuation of these benefits. Using the prescribed evaluation criteria to consider cost and technical qualifications, Industrial Economics, Inc. (IEC) received the highest overall score for its submitted proposals in response to both RFPs. This action is to execute contracts with IEC in an amount not to exceed \$146,508: 1) for the review of public welfare benefits in the amount of up to \$49,289; and 2) for the review and study of residential visibility benefits in the amount of up to \$97,219. Funding is available in the Planning, Rule Development and Area Sources FY 2017-18 Budget. (Reviewed: Administrative Committee, May 11, 2018; Recommended for Approval)

4. **Execute Contract for Heavy-Duty Hydrogen Vehicle Fueling Station and Receive and File California Fuel Cell Partnership Board Meeting Agenda and Activity Updates** **Miyasato/3249**

On April 6, 2018, the CEC awarded \$8 million to Equilon Enterprises LLC for construction and operation of a renewable hydrogen vehicle refueling station at the Port of Long Beach. Equilon will own and operate the 1,000 kilogram per day truck refueling station on land sub-leased from Toyota, which (under a separate contract with FuelCell Energy) will generate hydrogen using a trigeneration system using biogas to produce up to 1.27 tons per day of renewable hydrogen. In addition to refueling Toyota vehicles at 700 bar, SCAQMD cofunding will be used to refuel heavy-duty vehicles at 350 bar, supporting various fuel cell demonstration vehicles by multiple operators in the local ports. These actions are to execute a contract with Equilon Enterprises LLC, dba Shell Oil Products US, in an amount not to exceed \$1.2 million from the Clean Fuels Program Fund (31) as well as receive and file the April 2018 California Fuel Cell Partnership Executive Board Meeting Agenda and recent activity updates. (Reviewed: Technology Committee, May 18, 2018; Recommended for Approval)

5. **Adopt Resolution Recognizing Revenue and Accepting Terms and Conditions for Funding Agricultural Replacement Measures for Emission Reductions Program and Reimburse General Fund for Administrative Costs** **Minassian/2641**

The Budget Act of 2017 allocated \$135 million to be administered by CARB for FY 2017-18 grants to air districts under the Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program. CARB has allocated \$1,878,800 to the SCAQMD under this program. This action is to adopt a Resolution recognizing revenue up to \$1.9 million from CARB into the Carl Moyer Program Fund (32) and accept terms and conditions of the FY 2017-18 FARMER Grant. This action is to also reimburse the General Fund for administrative costs to implement the FARMER Program. (Reviewed: Technology Committee, May 18, 2018; Recommended for Approval)

6. **Establish Special Revenue Fund, Recognize Revenue, and Issue Solicitations and Purchase Orders for Community Air Monitoring Stations Near Petroleum Refineries** **Low/2269**

In December 2017, the Board approved Rule 1180, which requires major petroleum refineries to fund the installation and operation of refinery-related community air monitoring stations by January 1, 2020. These actions are to establish the Rule 1180 Special Revenue Fund (78), recognize revenue for Rule 1180 payments up to \$7,508,861 into the Rule 1180 Special Revenue Fund (78), and issue solicitations and purchase orders for data telemetry server software necessary for the planning and implementation of the community air monitoring stations near petroleum refineries. (Reviewed: Administrative Committee, May 11, 2018; Recommended for Approval)

7. **Execute Contract for Removal and Replacement of Parking Structure Waterproof Coating** **Olvera/2309**

The vehicular traffic waterproofing membrane on the parking structure at SCAQMD's Headquarters was applied during construction of the building in 1991. Due to age and normal wear and tear, the structural integrity of the coating is in decline. This action is to execute a contract with Kitson Contracting Inc. for the removal and replacement of the parking structure waterproof coating in an amount not to exceed \$334,400 from District General's FY 2018-19 Budget. (Reviewed: Administrative Committee, May 11, 2018; Recommended for Approval)

8. **Recognize Revenue and Appropriate Funds for AB 617 Implementation** **Whynot/3104**

In January 2018, the Board recognized \$10.7 million upon receipt from CARB and approved the appropriations of funds into the FY 2017-18 Budget for AB 617 implementation. This action is to recognize up to an additional \$100,000 upon receipt in the General Fund and to appropriate funds in the FY 2017-18 or FY 2018-19 Budget for AB 617. (Reviewed: Administrative Committee, May 11, 2018; Recommended for Approval)

9. Approve Contract Awards and Modification as Approved by MSRC **Pettis**

As part of their FYs 2016-18 Work Program, the MSRC approved new contracts under the Natural Gas Infrastructure, Local Government Partnership, and County Transportation Commission Partnership Programs. The MSRC also approved a modification to a contract under the Major Event Center Transportation Program as part of their FYs 2016-18 Work Program. At this time the MSRC seeks Board approval of the contract awards and modification. (Reviewed: Mobile Source Air Pollution Reduction Review Committee, May 17, 2018; Recommended for Approval)

Items 10 through 15 - Information Only/Receive and File

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

This report highlights the April 2018 outreach activities of the Legislative, Public Affairs and Media Office, which include: Environmental Justice Update, Community Events/Public Meeting, Business Assistance, Media Relations, and Outreach to Business, Federal, State, and Local Government. (No Committee Review)

- 11.. Hearing Board Report **Prussack/2500**

This reports the actions taken by the Hearing Board during the period of April 1 through April 30, 2018. (No Committee Review)

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

This reports the monthly penalties from April 1, 2018 through April 30, 2018, and legal actions filed by the General Counsel's Office from April 1, 2018 through April 30, 2018. An Index of District Rules is attached with the penalties report. (Reviewed: Stationary Source Committee, May 18, 2018)

13. Lead Agency Projects and Environmental Documents Received by SCAQMD **Nakamura/3105**

This report provides, for the Board's consideration, a listing of CEQA documents received by the SCAQMD between April 1, 2018 and April 30, 2018, and those projects for which the SCAQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, May 18, 2018)

14. Rule and Control Measure Forecast **Fine/2239**

This report highlights SCAQMD rulemaking activities and public workshops potentially scheduled for 2018. (No Committee Review)

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

Information Management is responsible for data systems management services in support of all SCAQMD operations. This action is to provide the monthly status report on major automation contracts and planned projects. (Reviewed: Administrative Committee, May 11, 2018)

16. Items Deferred from Consent Calendar

BOARD CALENDAR

Note: The May meeting of the Legislative Committee was canceled. The next meeting of the Legislative Committee is scheduled for June 8, 2018.

- 17A. Administrative Committee (Receive & File) **Chair: Burke Nastri/3131**
- 17B. Special Administrative Committee (Receive & File) **Chair: Burke Nastri/3131**
18. Investment Oversight Committee (Receive & File) **Chair: Cacciotti Jain/2804**
19. Mobile Source Committee (Receive & File) **Chair: Parker Fine/2239**
20. Stationary Source Committee (Receive & File) **Chair: Benoit Tisopulos/3123**
21. Technology Committee (Receive & File) **Chair: Buscaino Miyasato/3249**
22. Mobile Source Air Pollution Reduction Review Committee (Receive & File) **Board Liaison: Benoit Minassian/2641**
23. California Air Resources Board Monthly Report (Receive & File) **Board Rep: Mitchell Garzaro/2500**

Staff Presentation/Board Discussion

24. Status Report on Permit Backlog Reduction Effort (*Presentation in lieu of Board Letter*) **Tisopulos/3123**

Staff will provide an update on the permit application backlog reduction and automation efforts to date. (Reviewed: Stationary Source Committee, May 18, 2018)

PUBLIC HEARING

25. Adopt Executive Officer's FY 2018-19 Proposed Budget

Jain/2804

The Executive Officer's Proposed Budget for FY 2018-19 has been developed and is recommended for adoption. The proposed Budget, which is balanced, includes implementation of the phased-in fee increase adopted by the Board on June 2, 2017 to continue cost recovery efforts and, pursuant to Rule 320, an increase of most fees by 3.4% adopted by the Board on May 4, 2018. The proposed Budget also includes the impact of amendments to Regulation III that were approved by the Board on May 4, 2018. The proposed budget has been presented at a Budget Study Session (Special Board Meeting), a Board Retreat (Special Board Meeting), a Budget Advisory Committee meeting and at one public consultation meeting in April with recommendations and comments provided to the Board. (Reviewed: Budget Study Session (Special Board Meeting), April 13, 2018 and Board Retreat (Special Board Meeting), May 11, 2018)

OTHER BUSINESS

26. Issue RFP to Seek Contractors to Assist in Planning, Organizing, and Facilitating Two Annual Community Air Quality Events

Alatorre/3122

Every year SCAQMD conducts two important community air quality events to celebrate the lives and legacies of Dr. Martin Luther King, Jr., and Cesar Chavez. These two events not only celebrate the lives of these two important Americans, but also serve to educate the public on air quality and health. This action is to issue an RFP to solicit proposals for qualified contractors to assist in planning, organizing, and facilitating SCAQMD's Martin Luther King, Jr. Day of Service Forum and Cesar Chavez Day of Remembrance. (Reviewed: Special Administrative Committee, May 25, 2018; Recommended for Approval)

PUBLIC COMMENT PERIOD – (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.

CONFLICT OF INTEREST DISCLOSURES – (No Written Material)

Under the approval authority of the Executive Officer, the District will enter into contracts with American Honda Motor Company (C173431) and Honda of Pasadena (C18280), as well as sponsorship agreements with Toyota and the Western Riverside Council of Governments (C18293). American Honda Motor Company, Toyota Motor North America, and the County of Riverside, which is represented by the Western Riverside Council of Governments, are potential sources of income for Governing Board Member Joseph Lyo, which qualify for the remote interest exception of Section 1090 of the California Government Code. Dr. Lyo abstained from any participation in the making of the contracts or sponsorship agreements.

CLOSED SESSION - (No Written Material)

Gilchrist/3460

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:

- In the Matter of SCAQMD v. Aircraft Heat Treating Co., Inc. and Anaplex Corp., SCAQMD Hearing Board Case No. 6066-1 (Order for Abatement);
- SCAQMD v. Anaplex, Los Angeles Superior Court Case No. BC608322 (Paramount Hexavalent Chromium);
- In the Matter of SCAQMD v. Browning-Ferris Industries of California, Inc. dba Sunshine Canyon Landfill, SCAQMD Hearing Board Case No. 3448-14;
- Communities for a Better Environment v. SCAQMD, Los Angeles Superior Court Case No. BS161399 (RECLAIM);
- Communities for a Better Environment v. South Coast Air Quality Management District, Los Angeles Superior Court Case No. BS169841; Safe Fuel and Energy Resources California, et al. v. South Coast Air Quality Management District, Los Angeles Superior Court Case No. BS169923 (Tesoro);
- People of the State of California, ex rel. SCAQMD v. Exide Technologies, Inc., 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);
- Fast Lane Transportation, Inc., et al. v. City of Los Angeles, et al., Court of Appeals, First Appellate District, Case No. A148993 (formerly Contra Costa County Superior Court Case No. MSN14-0300) (SCIG);
- Johnson Controls, Inc., v. SCAQMD, Los Angeles Superior Court Case No. BS173108;
- Rainbow Transfer/Recycling, Inc. v South Coast Air Quality Management District, et al., Los Angeles Superior Case No. BS171620; In the Matter of SCAQMD v. Rainbow Transfer/Recycling, Inc., SCAQMD Hearing Board Case No. 4394-2;
- South Coast Air Quality Management District v. Top Shelf Consulting LLC, Los Angeles Superior Court, Case No. BC676606; In re: Top Shelf Consulting, LLC, U.S. Bankruptcy Court, Central District of California (Los Angeles), Case No. 2:18-bk-11975-ER (Bankruptcy case); and
- In the Matter of SCAQMD v. Torrance Refining Company, LLC, SCAQMD Hearing Board Case No. 6060-5 (Order for Abatement).

CONFERENCE WITH LEGAL COUNSEL – INITIATING LITIGATION

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

- State of California and California Air Resources Board, et al. v. United States Environmental Protection Agency and E. Scott Pruitt, U.S. Court of Appeals, D.C. Circuit, Case No. 18-1114.

ADJOURNMENT

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

Members of the public are afforded an opportunity to speak on any agenda item before consideration of that item. Please notify the Clerk of the Board, (909) 396-2500, if you wish to do so. All agendas are posted at SCAQMD 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 SCAQMD's authority. Speakers will be limited to a total of three (3) minutes for the Consent Calendar and Board Calendar and three (3) minutes or less for 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, provided 25 copies are presented to the Clerk of the Board. Electronic submittals to cob@aqmd.gov of 10 pages or less including attachment, in MS WORD, PDF, plain or HTML format will also be accepted by the Board and made part of the record if received no later than 5:00 p.m., on the Tuesday prior to the Board meeting.

ACRONYMS

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

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BOARD MEETING DATE: June 1, 2018

AGENDA NO. 1

MINUTES: Governing Board Monthly Meeting

SYNOPSIS: Attached are the Minutes of the May 4, 2018 meeting.

RECOMMENDED ACTION:

Approve Minutes of the May 4, 2018 Board Meeting.

Denise Garzaro
Clerk of the Boards

DG

FRIDAY, MAY 4, 2018

Notice having been duly given, the regular meeting of the South Coast Air Quality Management District Board was held at District Headquarters, 21865 Copley Drive, Diamond Bar, California. Members present:

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

Dr. Clark E. Parker, Sr., Vice Chairman
Senate Rules Committee Appointee

Supervisor Marion Ashley
County of Riverside

Mayor Ben Benoit,
Cities of Riverside County

Council Member Joe Buscaino
City of Los Angeles

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

Dr. Joseph K. Lyou
Governor's Appointee

Mayor Larry McCallon
Cities of San Bernardino County

Mayor Pro Tem Judith Mitchell
Cities of Los Angeles County – Western Region

Supervisor Shawn Nelson (Arrived at 9:50 a.m.)
County of Orange

Council Member Dwight Robinson
Cities of Orange County

Supervisor Janice Rutherford
County of San Bernardino

Supervisor Hilda L. Solis (Left at 11:00 a.m.)
County of Los Angeles

CALL TO ORDER: Chairman Burke called the meeting to order at 9:00 a.m.

- Pledge of Allegiance: Led by Mayor McCallon.
- Opening Comments

Dr. Parker reported that the Refinery Committee met on April 28, 2018 in Torrance and continued discussions about proposed rulemaking related to modified hydrofluoric acid use at refineries. He noted that over 500 people were in attendance and many provided testimony.

Dr. Lyou reported that he attended the American Bar Association Section of Environment, Energy and Resources conference held April 18-20, 2018 where he had the opportunity to present information on air quality sensors. He also reported that he gave the opening remarks at the ACT Expo on April 30, 2018 and commented on the tremendous growth of the event over the past few years.

Council Member Robinson reported that he attended the Breathe LA Awards dinner on April 27, 2018 at the La Brea Tar Pits where he presented the Innovation Award to Cummins Westport, Inc. for their development of the first near-zero heavy-duty engine. He also reported that at a press conference at the ACT Expo he presented the keys for a near-zero 12-liter natural gas truck to AJR trucking, a contractor for the U.S. Postal Service. He noted the great strides that have been made in near-zero heavy-duty trucks and acknowledged the District's involvement in these technological advancements.

Mayor Pro Tem Mitchell reported on the litigation that California and 17 others states have initiated against the U.S. EPA regarding vehicle fuel standards and the regulation of tailpipe emissions.

Council Member Cacciotti noted that he participated in "Bike-to-Work" day with SCAQMD employees on May 3, 2018. He shared photos and recommended that those who participated be recognized at a future Board meeting.

- Presentation to Outgoing Hearing Board Alternate Member Thomas J. McCabe, Jr.

Chairman Burke presented an award to Thomas J. McCabe, Jr. in recognition of his nearly six years of service as alternate engineer member on the Hearing Board.

Chairman Burke announced that Supervisor Solis needed to leave the meeting early and, as such, Item 32 would be taken out of order to allow her to participate in the discussion of the item.

Staff Presentation/Board Discussion

32. Potential Strategies for Facility Based Mobile Source Measures Adopted in Final 2016 AQMP (*Continued from April 6, 2018 Board Meeting for Board Deliberation and Action only*)

Mr. Nastri explained that this item had been continued from the April 6, 2018 Board meeting in order to allow for discussion and action by all Board Members. He noted that the public comment period was closed and recommended the Board take action on each measure individually.

Written Comments Submitted by:

Alice Koethe, Association of American Railroads
Yassi Kavezade, My Generation Campaign

Mayor McCallon noted that he is not in support of indirect source rules for warehouses because of the detrimental impact on the goods movement industry and the economy in Southern California, specifically the Inland Empire.

Dr. Lyou commented on the importance of achieving 45 percent NOx emission reductions within the next five years in order to avoid federal sanctions, increased offset ratios for new source review, loss of billions of dollars in federal highway funds, and risk of the imposition by U.S. EPA of no-drive days or other measures due to non-attainment. The law requires that every feasible measure be taken to clean the air, and indirect source rules are feasible measures that have proven to be effective in other areas. He noted that the San Joaquin Valley Air Pollution Control District adopted an indirect source rule in that region twelve years ago and it has not stopped the construction of warehouse facilities. He expressed concern with negotiating voluntary agreements without having regulations in place. He expressed support for the staff recommendations for voluntary measures with the ports and airports and acknowledged the agreements that have been reached in the past. He added that the Board does have the authority to adopt these regulations and a responsibility to protect the 17 million residents within the District.

Supervisor Ashley noted that he had reviewed the public comments from the March 2, 2018 meeting and thanked all who had provided comments. He commented on the cooperative work by local jurisdictions to arrive at workable solutions for challenging problems within the region and noted the progress that has been made at the ports and airports in improving air quality. He explained that Riverside County has worked hard to find a balanced approach to growth through comprehensive development plans that address traffic impacts and air quality concerns and noted examples in the County where using best practices for site design and operation have been successful. He noted the importance of the logistics industry to the economy in Riverside County and stated that a recent development agreement included an air quality fee that will be invested back into the local area for projects that improve air quality. The Riverside Transportation

Commission is also studying the impacts of the logistics industry on the freeway system and is considering developing policies to address air quality and traffic impacts. He expressed concern about rising housing costs and the homeless population and any decision that may contribute further to these issues. He encouraged a collaborative approach with local and regional stakeholders to address the challenging issues associated with growth within the region.

Supervisor Rutherford commented that technological advances for trucks are key to improving air quality in the region. She expressed concern for jobs and the economy in the Inland Empire and noted that many families have benefited and are supported by jobs in the warehouse and manufacturing industry. She expressed concern about adopting regulations that impact the development of warehouses and noted examples of agreements that have been negotiated with developers that benefit local communities. She encouraged the continued support of incentives to promote new technologies to clean the air rather than indirect source rules.

Mayor Pro Tem Mitchell noted that the rulemaking process, if the Board so directs, would allow for a collaborative process. Proposed rules could include thresholds or exemptions for the Board to consider. She cited San Joaquin Valley's indirect source rules which required close collaboration with local agencies. She noted the positive results of the Ports Clean Air Action Plan and the progress with the airports in developing plans to reduce emissions. She expressed support for indirect source rules for rail yards, warehouses and development and encouraged the collaboration of all stakeholders in promoting a strong economy that supports clean air in the region. She agreed with Dr. Lyou's concerns about the federal government imposing sanctions for non-attainment and noted that indirect source rules were included in the adoption of the AQMP and the District is required by law to take all feasible measures to reach attainment.

(Supervisor Nelson arrived at 9:50 a.m.)

Council Member Robinson noted that he owns businesses in the logistics sector and has seen a dramatic change in the industry over the last few decades. He commented on the recent labor dispute at the Port and the difficulties that occurred as result of the labor slowdown. There was a gradual movement of certain cargo to other areas of the country and some of that business did not return to the region. He noted that other states are eagerly awaiting the opportunity to re-direct cargo from Southern California ports. He expressed concern about not knowing what will be included in the indirect source rule and their potential economic impacts, and stated the importance of controlling the narrative so people would not assume the worst case.

Council Member Buscaino remarked about the economic benefits the Ports have provided to the region as well as the health effects that have

impacted the nearby disadvantaged communities. He noted that he would be proposing motions for warehouses, new and redevelopment, and the Ports.

Supervisor Solis reported that she recently toured the Los Angeles Airport and commented on the energy efficiencies that have been adopted to improve operations and traffic from the airport. She expressed concern for environmental justice communities, as well as workers who are impacted by emissions, and encouraged discussion with all stakeholders in the development of indirect source rules. She noted that advancements in technology will provide green jobs and lead to cleaner air.

Supervisor Nelson commented on the impact of new regulations on landlords who have long-term leases with warehouse tenants. He expressed caution in adopting rules that require landlords to make costly improvements to properties that cannot be recouped.

Dr. Parker noted the success of incentive programs for diesel trucks and cleaner vehicles to reduce air pollution and commented on the challenges that population growth in the state has created. He remarked on the progress that has been made at the ports and airports and encouraged continued collaboration in achieving clean air goals.

Chairman Burke asked staff for clarification on investment costs for equipment that is subject to new regulations.

Mr. Nastri explained that staff is requesting direction in further developing concepts for the five measures and the Board will have multiple opportunities to engage during the development process. The issues of cost, timing, impacts on communities and socio economic impacts will be addressed as the process moves forward. The two measures for the ports and airports include staff recommendations for proceeding with voluntary measures rather than indirect source rules. If the Board desires, staff can report to the Board on the progress of these five measures on a more frequent basis which might address a number of the concerns that have been raised.

Council Member Buscaino requested that the action on the five measures be bifurcated. He noted that due to the economic impacts affecting housing in the region he would like to offer a motion to delay action on housing and redevelopment measures until staff can provide a more detailed analysis on the proposals and return to the Board at the September meeting and then on a quarterly basis.

COUNCIL MEMBER BUSCAINO MOVED TO DELAY CONSIDERATION OF STRATEGIES FOR NEW DEVELOPMENT AND REDEVELOPMENT PROJECTS WITH DIRECTION TO STAFF TO FURTHER DEVELOP CONCEPTS AND REPORT BACK TO THE BOARD AT THE SEPTEMBER 7, 2018 MEETING AND ON A QUARTERLY BASIS THEREAFTER. THE MOTION WAS SECONDED BY SUPERVISOR ASHLEY, AND CARRIED BY THE FOLLOWING VOTE:

AYES: Ashley, Benoit, Burke, Buscaino, Cacciotti, McCallon, Mitchell, Nelson, Parker, Robinson, Rutherford and Solis

NOES: Lyou

ABSENT: None

Council Member Buscaino commented on the success of the Clean Air Action Plan 3.0 and voluntary measures taken by the ports. He suggested that staff's recommendation regarding the 2019 reporting timeframe be replaced with language to reflect that reports will be provided on a "periodic basis".

COUNCIL MEMBER BUSCAINO MOVED TO DIRECT STAFF TO PURSUE THE APPROACH FOR DEVELOPING FACILITY-BASED EMISSION REDUCTION STRATEGIES FOR MARINE PORTS THROUGH VOLUNTARY MEASURES ONLY, WITH FURTHER DIRECTION TO REPLACE THE 2019 TIMELINE LANGUAGE WITH PERIODIC REVIEW. THE MOTION WAS SECONDED BY MAYOR PRO TEM MITCHELL, AND CARRIED BY THE FOLLOWING VOTE:

AYES: Ashley, Benoit, Burke, Buscaino, Cacciotti, McCallon, Mitchell, Nelson, Parker, Robinson, Rutherford and Solis

NOES: Lyou

ABSENT: None

Council Member Buscaino expressed support for staff's recommendation for voluntary measures for the airports and noted the progress the airports have made in developing plans to reduce congestion and incorporating alternative modes of transportation.

COUNCIL MEMBER BUSCAINO MOVED TO DIRECT STAFF TO PURSUE THE APPROACH FOR DEVELOPING FACILITY-BASED EMISSION REDUCTION STRATEGIES FOR COMMERCIAL AIRPORTS THROUGH VOLUNTARY MEASURES ONLY. THE MOTION WAS SECONDED BY COUNCIL MEMBER CACCIOTTI, AND CARRIED BY THE FOLLOWING VOTE:

AYES: Ashley, Benoit, Burke, Buscaino, Cacciotti, Lyou, McCallon, Mitchell, Parker, Rutherford and Solis

NOES: Nelson and Robinson

ABSENT: None

Mayor Pro Tem Mitchell noted the importance of proceeding with measures to improve emissions at rail yards and expressed support for staff's recommendation.

Supervisor Rutherford expressed concern about the potential for litigation from the railroads and asked for a few months delay, noting her willingness to work with staff, the railroads, and impacted communities on the development of voluntary measures in lieu of indirect source rules for rail yards.

Mr. Nastri explained that throughout the past year staff has been engaged with the railroads on a number of issues and moving forward with the rulemaking process will allow the most flexibility. Voluntary measures could also be pursued.

Chairman Burke suggested an approach that would include rulemaking and pursuing voluntary measures at the same time, with Supervisor Rutherford's participation.

Council Member Robinson asked if staff could provide information on the type and extent of rulemaking that is proposed for rail yards.

Mr. Nastri explained that a number of issues have been raised in previous litigation with the railroads and the rulemaking would not include emission standards for locomotives. There are a number of areas within the rail yards where there are opportunities for emission reductions through best management practices. Staff will explore both voluntary and regulatory options and report back to the Board.

MAYOR PRO TEM MITCHELL MOVED TO DIRECT STAFF TO PURSUE THE APPROACH FOR DEVELOPING FACILITY-BASED EMISSION REDUCTION STRATEGIES FOR RAIL YARDS THROUGH REGULATORY MEASURES AND ALSO PURSUE VOLUNTARY MEASURES. THE MOTION WAS SECONDED BY SUPERVISOR SOLIS, AND CARRIED BY THE FOLLOWING VOTE:

AYES: Benoit, Burke, Buscaino, Cacciotti, Lyou, Mitchell, Parker and Solis

NOES: Ashley, McCallon, Nelson, Robinson and Rutherford

ABSENT: None

Council Member Buscaino commented on the complicated issues surrounding jobs and the economy in the goods movement industry and requested that staff's analysis of each strategy or proposed measure contain the following: 1) anticipated emission reductions; 2) estimated total cost of compliance; 3) an economic impact study reviewed by a third party to look at the impact on the competitiveness of the logistics sector, potential of cargo diversion, and resulting impact on jobs; 4) estimated impact on the industrial real estate market within the District; 5) the commercial availability of new technologies; 6) will SIP credits be received; and 7) impact on eligibility for grants and incentive funds. He asked that staff report to the Board on the status of their analysis every three months.

Council Member Cacciotti expressed support for the guidelines set by Council Member Buscaino with a modification to the reporting timeline to a period of three to six months. Council Member Buscaino accepted the suggested change.

Supervisor Nelson asked about the type of rules or measures that are proposed that would not violate federal preemption and expressed concern for

the effects that rulemaking will have on warehouse owners. He expressed support for continuing to pursue voluntary agreements to achieve emission reductions.

Dr. Philip Fine, DEO/Planning, Rule Development and Area Sources, explained that while several concepts are included in staff's recommendation, he could explain one of the options which is to require that warehouse facilities provide the necessary infrastructure to accommodate emerging technologies that support cleaner trucks.

Dr. Parker noted the unique challenges that California faces due to emissions and noted the difficulties in achieving reductions with limited authority over mobile sources.

Council Member Robinson expressed concern about job impacts and stated his support for a voluntary approach.

COUNCIL MEMBER BUSCAINO MOVED TO DIRECT STAFF TO PURSUE THE APPROACH FOR DEVELOPING FACILITY-BASED EMISSION REDUCTION STRATEGIES FOR WAREHOUSES AND DISTRIBUTION CENTERS THROUGH VOLUNTARY AND REGULATORY MEASURES WITH FURTHER DIRECTION TO REPORT TO THE BOARD EVERY THREE TO SIX MONTHS ON THE STATUS OF ALL MEASURES BEING EXPLORED. THE MOTION WAS SECONDED BY COUNCIL MEMBER CACCIOTTI, AND CARRIED BY THE FOLLOWING VOTE:

AYES: Burke, Buscaino, Cacciotti, Lyou, Mitchell, Parker and Solis

NOES: Ashley, Benoit, McCallon, Nelson, Robinson, and Rutherford

ABSENT: None

CONSENT CALENDAR

1. Approve Minutes of April 6, 2018 Board Meeting
2. Set Public Hearings to Consider Adoption of and/or Amendments to SCAQMD Rules and Regulations

June 1, 2018:

- A. Certify Final Environmental Assessment and Amend Rules 1146, 1146.1, 1146.2 and Adopt Rule 1100

July 6, 2018:

- B. Certify Final Environmental Assessment and Amend Rule 1469 – Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations

Budget/Fiscal Impact

3. Execute Contract to Develop, and Certify Near-Zero Emission Propane Engine for On-Road Medium-Duty Vehicles
4. Recognize Revenue, Appropriate and Transfer Funds and Issue Purchase Orders for Air Monitoring Programs and Equipment
5. Approve Awards for Alternative Fuel School Bus Replacement Program
6. Modify Contract and Purchase Order for Media, Advertising and Public Outreach and Google AdWords Campaign for 2018-19 Check Before You Burn Program
7. Appoint Members to SCAQMD Hearing Board
8. Execute Contract for Three-Year Service Agreement for Access to On-line Legal Research Libraries
9. Appropriate Funds and Amend or Execute Contracts with Outside Counsel and Specialized Legal Counsel and Services

10. Establish Special Revenue Fund, Recognize AB 134 Grant Revenue, Transfer, Appropriate, Redistribute Funds, and Execute Contracts
11. Approve Compensation Adjustments for Board Member Assistants and Board Member Consultants for FY 2018-19
12. Execute and Amend Contracts to Provide Short- and Long-Term Systems Development, Maintenance and Support Services
13. Issue Purchase Order for New Carpet
14. Issue Purchase Order for Higher Efficiency HVAC Valves
15. Approve Contract Awards Approved by MSRC

Action Item/No Fiscal Impact

16. Approve Charter for Young Leaders Advisory Council

Items 17 through 23 – Information Only/Receive and File

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

Mayor McCallon and Supervisor Rutherford noted that they are members of the San Bernardino County Transportation Commission which is involved with Item No. 15.

Mayor Pro Tem Mitchell noted that she is a Board Member of the CARB which is involved with Item No. 10.

Dr. Lyou announced his abstention on Item No. 4 because Envirosuite is a potential source of income to him; on Item No. 6 because of a financial interest in Google; and on Item No. 15 because the City of Long Beach and City of Riverside are potential sources of income to him.

Agenda Item Nos. 2A, 2B and 7 were withheld for comment and discussion.

MOVED BY ROBINSON, SECONDED BY CACCIOTTI, AGENDA ITEMS 1, 3 THROUGH 6 AND 8 THROUGH 23 APPROVED AS RECOMMENDED, BY THE FOLLOWING VOTE:

AYES: Ashley, Benoit, Burke, Buscaino, Cacciotti, Lyou (*except Items #4, #6 and #15*), McCallon, Nelson, Parker, Robinson, and Rutherford

NOES: None

ABSTAIN: Lyou (*Items #4, #6 and 15 only*)

ABSENT: Mitchell and Solis

24. Items Deferred from Consent Calendar

- 2A. Set Public Hearing June 1, 2018 to Certify Final Environmental Assessment and Amend Rules 1146, 1146.1, 1146.2 and Adopt Rule 1100

Council Member Robinson announced his abstention on Item No. 2A because of a financial interest in Darling Ingredients International and Cargill Inc. and left the room during discussion of Item No. 2A.

Bill LaMarr, California Small Business Alliance, expressed concern about proposed amendments related to RECLAIM and requested the hearing for these rules be delayed until all issues have been adequately addressed.

Harvey Eder, Public Solar Power Coalition, noted the cost effectiveness of solar energy and recommended that it be evaluated as BARCT. He also expressed support for Community Choice Aggregation.

Joseph Hower, Los Angeles County Business Federation, expressed concerns that the CEQA evaluation for the sunseting of the RECLAIM program does not adequately address the complexities related to sunseting of the program and encouraged the District to pursue a more thorough CEQA evaluation of the impacts of this process.

Michael Carroll, Regulatory Flexibility Group
Bill Quinn, California Council for Environmental and Economic Balance

Urged that setting hearing on the proposed rule amendments be delayed until more basic structures of the New Source Review program are developed and stakeholders have had an adequate opportunity to provide input.

Bridget McCann, Western States Petroleum Association, asked that the hearing for these rules be delayed until there is a BARCT assessment completed for the facilities transitioning from RECLAIM and a thorough review of the environmental and socio economic impacts for the entire RECLAIM transition project has been conducted. (Submitted Written Comments)

Dr. Lyou asked for clarification on the CEQA, BARCT analysis and New Source Review issues.

Barbara Baird, Chief Deputy Counsel, explained that the CEQA guidelines allow for a program EIR which provides a broad perspective of project impacts and then allows for a subsequent EIR or Negative Declaration to analyze specific impacts of subsequent projects. In this instance, the EIR for the 2016 AQMP examined the environmental impacts of the installation of controls and the operation of controls and construction impacts which would result from implementing control measure CMB-01, which was seeking further emission reductions for RECLAIM. Therefore, staff concluded that the Program EIR requirement was met by the AQMP EIR and, of course, the impacts of any specific project would be reviewed when the rule proposals come to the Board.

Dr. Fine noted that a BARCT analysis was conducted for Rule 1146 and the requested action under these rule amendments is to except the potential RECLAIM facilities that will be exiting RECLAIM and become subject to this rule. The rule amendments will provide regulatory certainty to the facilities that are exiting RECLAIM and provide BARCT target limits. The NSR program is a complex undertaking and staff has committed to not exit any facility from RECLAIM that could potentially be subject to the NSR program in the future. A transition plan will be provided, but in the short-term these amendments are necessary to provide regulatory certainty.

SUPERVISOR RUTHERFORD MOVED TO DELAY SET HEARING OF THIS ITEM AND DIRECT STAFF TO CONTINUE TO WORK WITH STAKEHOLDERS. THE MOTION WAS SECONDED BY MAYOR MCCALLON AND FAILED BY THE FOLLOWING VOTE:

AYES: Ashley, Benoit, McCallon, Nelson, and Rutherford

NOES: Buscaino, Cacciotti, Lyou, Mitchell and Parker

ABSTAIN: Robinson

ABSENT: Burke* and Solis

**Although Chairman Burke was present, his vote on the Item was not locked in and he was marked as absent by the voting system.*

COUNCIL MEMBER CACCIOTTI MOVED TO APPROVE ITEM 2A AS RECOMMENDED BY STAFF. THE MOTION WAS SECONDED BY DR. LYOU, AND FAILED BY THE FOLLOWING VOTE:

AYES: Burke, Buscaino, Cacciotti, Lyou, Mitchell and Parker

NOES: Ashley, Benoit, Nelson, McCallon and Rutherford

ABSTAIN: Robinson

ABSENT: Solis

- 2B. Set Public Hearing July 6, 2018 to Certify Final Environmental Assessment and Amend Rule 1469 – Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations

Bryan Leiker, Metal Finishing Association of Southern California (MFASC)
Ricardo Osorio, EME Inc
Graciela Hurtado, AAA Plating
Kevin Aparicio, MSI

Jerry Wahlin, MFASC
Ray Bokelman, Chromal Plating Company
Lourdes Ortiz, MFASC
Alan Olick, Brite Plating
Fatima Reyes, AAA Plating
Martina Ramirez, AAA Plating
Gary R. Wannlund, Hawker Pacific Aerospace

Expressed concerns regarding the impact the proposed rule will have on the economy and the potential loss of jobs.

Wesley Turnbow, MFASC
David Trinidad Gonzales, General Plating
Vince Grana, MFASC/California Electro Plating
Brian Ward, MFASC
Ed Appleton, Metal Finishing Marketers, Inc.
Brad Kerr
Jim Meyer
Rodolfo Cortines, Metal Surfaces, Inc.
Joe Stevens, Bridge Safety Consultants
Teresa Bell Payton, MFASC
Joe Lipsey Jr., MFASC
Justin Guzman, Aircraft X-Ray
Jan Clark, Metal Surfaces, Inc.
Douglas Vogel, Coventra Inc.
Demetrio Davila, Multichrome Co
Dilip Patel, General Plating Company
Kushiruan Patel, Brite General Plating

Expressed concerns about the cost of implementing the proposed rule requirements and the potential loss of jobs; and stressed the importance of developing science-based regulations.
(MFASC Submitted Written Comments)

Mr. Nastri noted that Item 2B is proposing a 60-day set hearing.

Mayor McCallon noted that he will be out of the country in July and requested that the hearing for this item be scheduled for a different meeting.

Supervisor Nelson expressed concerns for businesses and jobs in the metal finishing and aerospace industries and noted that many businesses have already moved out of state due to increased regulations. He cautioned against adopting additional regulations that might impact jobs in these industries.

Mayor Pro Tem Mitchell asked staff to comment on the two types of processes for decorative chrome plating and aerospace chrome anodizing

that are included in the rule and the outreach that has been conducted with stakeholders.

Susan Nakamura, Assistant DEO/Planning, Rule Development and Area Sources, explained that Rule 1469 is also implementing portions of the state ATCM and the federal NESHAP which combine all chrome plating and anodizing facilities together and the rule has been developed to be consistent with state and federal regulations. She commented that staff has reached out to all of the facilities that have identified themselves at the Stationary Source Committee meetings and has conducted site visits to better understand the concerns that have been expressed and additional revisions to the rule will be presented to address those concerns. She added that staff will continue to work with stakeholders and explore hexavalent chrome alternatives.

Dr. Fine clarified that Rule 1469 has different thresholds, requirements and approaches for different processes and sizes of facilities.

Mayor Pro Tem Mitchell noted that a speaker at the Stationary Source Committee meeting mentioned an alternative for hexavalent chrome called Chemeon. She added that the Department of Defense standards and aerospace standards would need to change in order to allow for the use of another type of metal.

Council Member Robinson commented on the need to educate the federal government on the issues related to hexavalent chrome and the impact on communities within the District. He acknowledged that changing the national standards would be a lengthy process and encouraged addressing the issue at the legislative level.

Dr. Lyou expressed concern with setting a hearing date with the number of outstanding issues that seem to be points of concern for stakeholders.

Ms. Nakamura addressed a number of specific concerns that have been expressed by stakeholders including increased costs, source testing frequency, high pressure air drying techniques, barrier provisions and enclosure requirements. Staff has worked with stakeholders to provide clarification regarding the actual requirements of the proposed rule. As a result of input from industry, the proposed rule now provides a longer time period for source testing, has added specificity to the language related to air drying, provided alternatives for barriers, and clarified the enclosure requirement.

Dr. Lyou asked about the possibility of bifurcating the rule between decorative plating applications and aerospace applications. He expressed support for referring the rule to the Stationary Source Committee for further discussion.

Ms. Nakamura explained that it was more streamlined to propose one rule with different thresholds to avoid duplication and overlap in separate rules. The federal NESHAP and state ATCM include the same sources in their regulations.

Mr. Nastri noted that if the hearing were to be set for the September Board Meeting, additional discussions could occur and, if needed, edits to the proposed rule could be made prior to the public hearing.

COUNCIL MEMBER CACCIOTTI MOVED TO SET THE PUBLIC HEARING TO CONSIDER PROPOSED AMENDED RULE 1469 AT THE SEPTEMBER 7, 2018 BOARD MEETING. THE MOTION WAS SECONDED BY DR. LYOU AND CARRIED BY THE FOLLOWING VOTE:

AYES: Ashley, Benoit, Burke, Buscaino, Cacciotti, Lyou, Mitchell, Nelson, Parker, Robinson and Rutherford

NOES: McCallon

ABSENT: Solis

7. Appoint Members to SCAQMD Hearing Board

Edward Camarena, Hearing Board Member, expressed concern regarding the recommendation to appoint a new engineer member to the Hearing Board and commented that several statements regarding his performance on the Hearing Board made at the April 13, 2018 Administrative Committee Meeting were inaccurate. He referenced the conclusions of a study conducted on the Hearing Board that reflected his esteemed performance and requested the Board take this information, as well as his 24 years of service on the Hearing Board, into consideration. There was a brief discussion about the alternate Hearing Board position. (Submitted Written Comments)

MOVED BY BUSCAINO, SECONDED BY CACCIOTTI, AGENDA ITEM 7 APPROVED AS RECOMMENDED, BY THE FOLLOWING VOTE:

AYES: Ashley, Benoit, Burke, Buscaino, Cacciotti, Lyou, McCallon, Mitchell, Nelson, Parker, and Robinson

NOES: Rutherford

ABSENT: Solis

BOARD CALENDAR

- 25. Administrative Committee
- 26. Legislative Committee
- 27. Mobile Source Committee
- 28. Stationary Source Committee
- 29. Technology Committee
- 30. Mobile Source Air Pollution Reduction Review Committee
- 31. California Air Resources Board Monthly Report

MOVED BY BENOIT, SECONDED BY BUSCAINO, AGENDA ITEMS 25 THROUGH 31, APPROVED AS RECOMMENDED, RECEIVING AND FILING THE COMMITTEE, CARB AND MSRC REPORTS, AND APPROVING THE FOLLOWING POSITIONS ON LEGISLATION, BY THE FOLLOWING VOTE:

AYES: Ashley, Benoit, Burke, Buscaino, Cacciotti, Lyou, McCallon, Mitchell, Nelson, Parker, Robinson, and Rutherford

NOES: None

ABSENT: Solis

Agenda Item	Recommendation
AB 2091 (Grayson) Fire prevention: prescribed burns	Support with Amendments
AB 2453 (E. Garcia) Air Pollution: schools	Support with Amendments
SB 210 (Leyva) Heavy-Duty Vehicle Inspection and Maintenance Program	Support with Amendments
Proposed Amendments to 2018 SCAQMD State and Federal Legislative Goals and Objectives	Support State Legislative Goals and Objectives without Amendments Support Federal Legislative Goals and Objectives with Amendments

PUBLIC HEARINGS

33. Adopt Executive Officer's FY 2018-19 Proposed Goals and Priority Objectives, and Draft Budget; and Determine that Proposed Amendments to Regulation III – Fees Are Exempt from CEQA and Amend Regulation III

The presentation on Item No. 33 was waived.

The public hearing was opened and the following individual addressed the Board on Agenda Item 33.

Bill LaMarr, California Small Business Alliance, expressed appreciation to staff for their efforts to reduce the permit backlog, control costs, and noted the impact fee increases have on small businesses.

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

Mayor McCallon expressed concerns about adopting an unbalanced budget and asked staff to respond.

Sujata Jain, Assistant DEO/Finance, explained that several factors such as increased retirement costs and added positions have affected the budget. Funds that are expected but have not yet been received are not reflected in the proposed budget. Once those funds are received they may offset the deficit.

Mr. Nastri added that a number of measures are being explored to increase funding and noted the investment needed to implement AB 617 and the operational costs associated with updating the District's information management systems.

Supervisor Nelson recommended that staff prepare cost cutting recommendations for the Board's review at the upcoming Board Retreat.

Chairman Burke concurred with Supervisor Nelson's recommendation.

Dr. Lyou noted that the unreserved fund balance is used to cover expenditures that exceed the budget amounts and that while this proposed budget keeps the unreserved fund balance at twenty-five percent it might be prudent to look at expenditures going forward as the projections show the balance dropping to sixteen percent in the future.

MOVED BY NELSON, SECONDED BY CACCIOTTI AGENDA ITEM 33 APPROVED WITH AMENDMENT AS SET FORTH BELOW:

- 1) APPROVE THE EXECUTIVE OFFICER'S FY 2018-19 GOALS AND PRIORITY OBJECTIVES;
- 2) ADOPT RESOLUTION 18-9 DETERMINING THAT THE PROPOSED AMENDMENTS TO REGULATION III— FEES ARE EXEMPT FROM THE REQUIREMENTS OF CEQA AND AMENDING RULES 301, 303, 304, 304.1, 306, 307.1, 308, 309, 311, 313, 314 AND 315; AND
- 3) CONTINUING THE HEARING ON THE ADOPTION OF THE DRAFT BUDGET TO THE JUNE 1, 2018 BOARD MEETING TO ALLOW STAFF TO PROPOSE COST-CUTTING MEASURES IN AN EFFORT TO BALANCE THE BUDGET.

BY THE FOLLOWING VOTE:

AYES: Ashley, Benoit, Burke, Buscaino,
Cacciotti, Lyou, McCallon, Mitchell,
Nelson, Parker, Robinson and
Rutherford

NOES: None

ABSENT: Solis

34. Determine that Proposed Amendments to Rule 408 - Circumvention Are Exempt from CEQA and Amend Rule 408

The presentation on Item No. 34 was waived.

The public hearing was opened, and there being no requests to speak, the public hearing was closed.

MOVED BY PARKER, SECONDED BY
BUSCAINO, AGENDA ITEM NO. 34
APPROVED AS RECOMMENDED,
ADOPTING RESOLUTION NO. 18-10
DETERMINING THAT THE PROPOSED
AMENDMENTS TO RULE 408 ARE EXEMPT
FROM THE REQUIREMENTS OF CEQA AND
AMENDING RULE 408 – CIRCUMVENTION,
BY THE FOLLOWING VOTE:

AYES: Ashley, Benoit, Burke, Buscaino,
Cacciotti, Lyou, McCallon, Mitchell,
Nelson, Parker, Robinson and
Rutherford

NOES: None

ABSENT: Solis

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

Mr. Eder expressed concerns about his litigation against the District and CARB.

Mr. LaMarr requested clarification regarding the appointments to the Hearing Board.

Bayron Gilchrist, General Counsel, confirmed that Julie Prussack was reappointed as the Attorney Member, Douglas Lofgren as the Alternate Attorney Member, Mohan Balagopalan was appointed as the Engineer Member and Edward Camarena as the Alternate Engineer Member.

CLOSED SESSION

The Board recessed to closed session at 12:50 p.m., 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 SCAQMD is a party. The actions are:

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

People of the State of California, ex rel. SCAQMD v. Exide Technologies, Inc., 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);

Johnson Controls, Inc., v. SCAQMD, Los Angeles Superior Court Case No. BS173108; and

Rainbow Transfer/Recycling, Inc. v South Coast Air Quality Management District, et al., Los Angeles Superior Case No. BS171620; In the Matter of SCAQMD v. Rainbow Transfer/Recycling, Inc., SCAQMD Hearing Board Case No. 4394-2;

CONFERENCE WITH LEGAL COUNSEL – INITIATING LITIGATION

- 54956.9(a) and 54956.9(d)(4) to consider initiation of litigation (four cases).

United States v. Exxon Mobil Corporation, U.S. Court of Appeals, Ninth Circuit, Case No. 18-55481 (amicus brief).

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 1:30 p.m.

The foregoing is a true statement of the proceedings held by the South Coast Air Quality Management District Board on May 4, 2018.

Respectfully Submitted,

Denise Garzaro
Clerk of the Boards

Date Minutes Approved: _____

Dr. William A. Burke, Chairman

ACRONYMS

AQMP = Air Quality Management Plan
ATCM = Airborne Toxic Control Measures
BARCT = Best Available Retrofit Control Technology
CARB = California Air Resources Board
CEQA = California Environmental Quality Act
EIR = Environmental Impact Report
FY = Fiscal Year
MSRC = Mobile Source (Air Pollution Reduction) Review Committee
NESHAP = National Emission Standards for Hazardous Air Pollutants
NOx = Oxides of Nitrogen
NSR = New Source Review
PM = Particulate Matter
RECLAIM = REgional Clean Air Incentives Market
RFP = Request for Proposals
U.S. EPA = United States Environmental Protection Agency

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 2

PROPOSAL: Set Public Hearing July 6, 2018 to Consider Adoption of and/or Amendments to SCAQMD Rules and Regulations

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

At the Public Hearing to adopt amendments to Rule 1111 on March 2, 2018, the Board directed staff to propose additional labeling requirements to better inform consumers when a unit is subject to a mitigation fee. PAR 1111 will add labeling requirements for any furnace that is utilizing the mitigation fee alternate compliance option because the unit is not certified to meet the 14 ng/J certification limit. In addition to adding information to the existing labeling required for each furnace and its shipping container, PAR 1111 also requires that the consumer brochure and technical specification sheet for the furnace, as well as the manufacturer's website, include language to inform consumers about units that do not meet the 14 ng/J certification limit and are subject to a mitigation fee. 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 are exempt from the requirements of the California Environmental Quality Act; and 2) Amending Rule 1111 – Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces. (Reviewed: Stationary Source Committee, April 20 and May 18, 2018)

The complete text of the proposed amendments, staff report and other supporting documents will be available from the SCAQMD's Public Information Center, (909) 396-2001 and on the Internet (www.aqmd.gov) as of June 6, 2018.

RECOMMENDED ACTION:

Set Public Hearing July 6, 2018 to amend Rule 1111.

Wayne Nastri
Executive Officer

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 3

PROPOSAL: Execute Contracts to Implement Recommendations to Enhance Socioeconomic Assessments for AQMP

SYNOPSIS: Two RFPs were released on March 2, 2018 to assist in the implementation of two major recommendations by Abt Associates, Inc. intended to enhance SCAQMD's socioeconomic assessments for future AQMPs. The purpose of the first RFP was to conduct a literature review and provide recommendations on analyzing public welfare benefits of clean air (e.g., agriculture, ecology, recreational visibility, and building materials benefits). The second RFP solicited proposals to conduct a literature review and empirical study of residential visibility benefits, and to provide recommendations on the quantification and valuation of these benefits. Using the prescribed evaluation criteria to consider cost and technical qualifications, Industrial Economics, Inc. (IEc) received the highest overall score for its submitted proposals in response to both RFPs. This action is to execute contracts with IEc in an amount not to exceed \$146,508: 1) for the review of public welfare benefits in the amount of up to \$49,289; and 2) for the review and study of residential visibility benefits in the amount of up to \$97,219. Funding is available in the Planning, Rule Development and Area Sources FY 2017-18 Budget.

COMMITTEE: Administrative, May 11, 2018; Recommended for Approval

RECOMMENDED ACTIONS:

Authorize the Executive Officer to execute two separate contracts with Industrial Economics, Inc., in the amounts of up to \$49,289 and \$97,219, respectively, for a combined total not to exceed \$146,508 from the FY 2017-18 Budget, Professional and Special Services account.

Wayne Nastri
Executive Officer

Background

Following the SCAQMD Board's 2012 Resolution that called for a comprehensive review of SCAQMD's socioeconomic assessments, the independent reviewer Abt Associates made recommendations for potential enhancements in its 2014 report. Staff committed, to the extent feasible, to implementing these recommendations. To date, ten key recommendations have been fully implemented in recent socioeconomic impact assessments of proposed rules and proposed amended rules and in the 2016 AQMP Socioeconomic Report. Staff received Board approval on March 2, 2018 to release two RFPs to solicit qualified firms or sole practitioners to assist staff in implementing additional recommendations to enhance and potentially expand the public welfare benefits analysis for future AQMPs.

The socioeconomic analyses of previous AQMPs quantified several types of public welfare benefits of clean air, including protection against decreased visibility from residential locations and damage to crops, buildings, and other materials. As the analyses relied upon data and methodologies that may not fully reflect more recent developments in the literature, the 2014 Abt Associates report also recommended that staff conduct an updated literature search and review of public welfare benefits, including more recent research on additional benefits of clean air such as recreational visibility and ecological benefits. For residential visibility benefits, Abt Associates further recommended that staff consider potentially sponsoring an updated empirical study.

Proposal

Staff is seeking Board approval to authorize the Executive Officer to execute two separate contracts with Industrial Economics, Inc., (IEC) in the amounts of up to \$49,289 and \$97,219, respectively, for a combined total not to exceed \$146,508 from the FY 2017-18 Budget, Professional and Special Services account.

The purpose of the first contract is to conduct a literature review and empirical study of the clean air benefits related to residential visibility improvement, from which the study results can be applied to quantifying potential visibility benefits of implementing future AQMPs for the South Coast Air Basin (SCAB). The purpose of the second contract is to conduct a literature review of most updated studies on agriculture, ecology, recreational visibility, and material benefits of clean air that are applicable to the SCAB and can potentially inform the welfare benefits analysis for the implementation of future AQMPs.

Outreach

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

Additionally, potential bidders may have been notified utilizing SCAQMD's own electronic listing of certified minority vendors. Notice of the RFPs were emailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations, and placed on the Internet at SCAQMD's website(<http://www.aqmd.gov>). The RFP was also sent to various companies with potential expertise in the subject areas.

Bid Evaluation

A total of three bids were received for each of the RFPs. The same three firms submitted bids for both of the RFPs. One of the firms is certified as a small business and received additional points for each of their bids. Tables 1 and 2 reflect the evaluation of the submitted proposals in response to RFP #P2018-08 and RFP #P2018-09, respectively.

Using the prescribed evaluation criteria to consider technical and cost qualifications, only one of the three proposals for RFP #2018-08 was scored as technically qualified. This bid was from IEc. The review panel noted a good understanding of the scope of work, the proposed technical/management approach, and relevant experience of the project team as important factors that contributed to the high score.

Two of the three submitted proposals for RFP #2018-09, one by ICF Incorporated and the other by IEc, were considered technically qualified. Between the two qualified proposals, IEc had a higher overall score. The review panel noted the strengths of both proposals, including the understanding of the scope of work and project personnel. However, the IEc proposal stood out due to their experience in relevant past projects, which include a U.S. EPA visibility study, and the technical/management approach, which includes the potential to use a more advanced technique involving the use of Light Detection and Ranging (LiDAR) data to measure visibility.

Panel Composition

The submitted proposals were evaluated by two review panels, with three of the four members common to both panels.

For RFP #P2018-08, the panel consisted of the SCAQMD Health Effects Officer, two Program Supervisors, and a Senior Regional Planner at the Southern California Association of Governments. Of the four panelists, three are Asian and one is Caucasian; two male and two female.

For RFP #P2018-09, the panel consisted of the SCAQMD Health Effects Officer, one Program Supervisor, one Air Quality Specialist, and a Senior Regional Planner at the Southern California Association of Governments. Of the four panelists, two are Asian and two are Caucasian; three male and one female.

Resource Impacts

The costs of the contracts proposed by IEc are \$49,289 for literature review of public welfare benefits (RFP #P2018-08) and \$97,219 for literature review and empirical study of residential visibility benefits (RFP #P2018-09). The combined total of both contracts will not exceed \$146,508. Funding is available from the Planning, Rule Development and Area Sources FY 2017-18 Budget.

Attachment

Table 1 – Evaluation of Respondents to RFP #P2018-08 “Literature Review of Public Welfare Benefits of Clean Air”

Table 2 – Evaluation of Respondents to RFP #P2018-09 “Literature Review and Empirical Study of Residential Visibility Benefits”

Table 1

Evaluation of Respondents to RFP 2018-08 “Literature Review of Public Welfare Benefits of Clean Air”

Bidder	Proposed Cost	Cost Points	Technical Expertise Points	Additional Points	Total Score
1. ICF Incorporated, LLC	\$ 49,519.00	29.2	54.4*	0	83.6
2. Industrial Economics, Inc.	\$ 49,289.10	29.4	63.9	0	93.2
3. Infra Associates	\$ 48,250.00	30	24.3*	10	64.3
Maximum Possible Points		30	70	15	115

*These proposals were disqualified because they did not score at least 56 points on technical expertise

Table 2

Evaluation of Respondents to RFP 2018-09 “Literature Review and Empirical Study of Residential Visibility Benefits”

Bidder	Proposed Cost	Cost Points	Technical Expertise Points	Additional Points	Total Score
1. ICF Incorporated, LLC	\$ 99,999.00	28.9	60.8	0	89.6
2. Industrial Economics, Inc.	\$ 97,218.82	29.7	63.6	0	93.4
3. Infra Associates	\$ 96,350.00	30	25.8*	10	65.8
Maximum Possible Points		30	70	15	115

*Infra Associates’ proposal was disqualified because they did not score at least 56 points on technical expertise

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 4

PROPOSAL: Execute Contract for Heavy-Duty Hydrogen Vehicle Fueling Station and Receive and File California Fuel Cell Partnership Board Meeting Agenda and Activity Updates

SYNOPSIS: On April 6, 2018, the CEC awarded \$8 million to Equilon Enterprises LLC for construction and operation of a renewable hydrogen vehicle refueling station at the Port of Long Beach. Equilon will own and operate the 1,000 kilogram per day truck refueling station on land sub-leased from Toyota, which (under a separate contract with FuelCell Energy) will generate hydrogen using a trigeneration system using biogas to produce up to 1.27 tons per day of renewable hydrogen. In addition to refueling Toyota vehicles at 700 bar, SCAQMD cofunding will be used to refuel heavy-duty vehicles at 350 bar, supporting various fuel cell demonstration vehicles by multiple operators in the local ports. These actions are to execute a contract with Equilon Enterprises LLC, dba Shell Oil Products US, in an amount not to exceed \$1.2 million from the Clean Fuels Program Fund (31) as well as receive and file the April 2018 California Fuel Cell Partnership Executive Board Meeting Agenda and recent activity updates.

COMMITTEE: Technology, May 18, 2018; Recommended for Approval

RECOMMENDED ACTIONS:

1. Authorize the Chairman to execute a contract with Equilon Enterprises LLC, dba Shell Oil Products US, to cost-share construction and operation of a renewable hydrogen vehicle refueling station to support various fuel cell demonstration vehicles by multiple operators in the local ports in an amount not to exceed \$1,200,000 from the Clean Fuels Program Fund (31); and
2. Receive and file the April 2018 California Fuel Cell Partnership (CaFCP) Executive Board Meeting Agenda and recent activity updates.

Wayne Natri
Executive Officer

Background

In April 2017, Toyota unveiled plans to develop a heavy-duty prototype fuel cell truck built on an existing Class 8 Kenworth body described as Project Portal, leveraging the fuel cell power plant from its commercial fuel cell light-duty vehicle with refueling at 700 bar. In late 2017, Toyota subsequently announced plans to build the world's first megawatt-scale carbonate fuel cell power generation plant with a hydrogen refueling station to support its operations at the Port of Long Beach (POLB).

Leveraging previous experience in demonstrating and operating a trigeneration (Tri-Gen) fuel cell technology for three years at the Orange County Sanitation District in Fountain Valley, FuelCell Energy will, under a separate project, construct and operate a new Tri-Gen system using bio-waste gas sourced from California agricultural waste to generate water, electricity and hydrogen. The renewable biogas produced from the in-state resource will be injected into the natural gas infrastructure. The same amount of gas injected into the pipeline will then be extracted from the pipeline onsite at the Toyota facility at the POLB. The Tri-Gen system is proposed to start operation by early 2020, generating approximately 2.35 megawatts of electricity and 1.27 tons of hydrogen per day. The power generation facility will be 100% renewable.

SCAQMD has long been active in developing and demonstrating zero emission vehicles for goods movement. On December 5, 2014, the Board recognized revenue from the DOE for the ZECT 2 project to develop and demonstrate zero emission drayage trucks at the Ports of Los Angeles and Long Beach, including funding for temporary hydrogen refueling for six fuel cell trucks at 350 bar. However, hydrogen refueling infrastructure development for longer-term and larger-scale demonstration requires a longer lead-time, and on-site renewable hydrogen production and dispensing is expected to lower the cost of hydrogen dispensed.

On April 6, 2018, the CEC released a Notice of Proposed Award (NOPA) for GFO-17-603, Advanced Freight Vehicles and Infrastructure Deployment, including an \$8 million award to Equilon Enterprises LLC, dba Shell Oil Products US, for a renewable hydrogen refueling station at scale for freight (H2Freight) project to dispense hydrogen provided to the station from the new Tri-Gen system.

Proposal

This action is to execute a contract with Equilon Enterprises LLC, dba Shell Oil Products US. Equilon will own and operate a 1,000 kilogram per day truck refueling vehicle station on land sub-leased from Toyota, but owned by the POLB. At startup, 400 kilograms of hydrogen will be dispensed by the Shell refueling station each day to fuel hydrogen fuel cell-powered Class 8 trucks.

In addition to refueling Toyota vehicles at 700 bar, SCAQMD's cofunding will be used to refuel heavy-duty vehicles at 350 bar, supporting various fuel cell demonstration vehicles by multiple operators in the local ports. The large scale of the system also

shows the greatest promise for cost reduction, while providing a blueprint for further cost reductions in future stations. By following a modular approach to design, component suppliers will begin to produce more units and thus make faster improvements to their product, all while continuing to reduce costs.

Fueling protocols, dispenser design and station throughput and reliability are just some examples that can be evaluated through this H2Freight Project. Light-duty fueling protocols have taken years to develop, and heavy-duty truck fueling will require similar parallel development. This station will provide lessons learned for fueling requirements of heavy-duty trucks, which will help inform and develop the appropriate protocols for safe and fast fueling for the heavy-duty market as a whole. Considering the longer refueling times and the need for higher flow nozzles, dispenser design can also be integrated and tested as innovative technologies are developed. The H2Freight Project will build a station capable of refueling up to four trucks every hour at peak capacity from two fueling positions working simultaneously and 10-15 trucks in a 12-hour shift per weekday. Each fill is expected to be 30+ kilograms initially, with the potential for 50+ kilogram fills expected to take between 20 to 30 minutes. This corresponds to an initial average daily demand of ~400 kilogram per day which will increase as the project matures. The station design will ensure better than 95% full fueling availability and better than 99% reduced throughput availability. At reduced throughput, the station will not allow for simultaneous refueling of two trucks, but will still be capable of meeting daily fueling needs.

Shell intends to operate and maintain the refueling station, and Toyota and the committed fleet operators intend to operate the fuel cell vehicles, beyond the term of the funding agreement and through the end of the economic lifetimes of the trucks and station equipment. The station may support further demand growth with successful deployment of fuel cell vehicles with capability to refuel 350 and 700 bar.

This action is to also receive and file the CaFCP Executive Board Meeting Agenda for April 2018 and the activity reports for October 2017 through March 2018. The next CaFCP Executive Board meeting is scheduled for October 16, 2018, in Sacramento. Additional information about the CaFCP can be found at <http://www.cafcp.org>.

Sole Source Justification

Section VIII.B.2. of the Procurement Policy and Procedure identifies provisions under which a sole source award may be justified. This request for a sole source award is made under provision B.2.d.: Other circumstances exist which in the determination of the Executive Officer require such waiver in the best interest of SCAQMD.

Specifically, these circumstances are B.2.d.(1): Projects involving cost-sharing by multiple sponsors. The major sponsors contributing financially to the H2Freight Project include CEC, Toyota and Equilon.

Benefits to SCAQMD

SCAQMD supports hydrogen and fuel cell technologies and recognizes that light-, medium- and heavy-duty vehicles must achieve zero or near-zero emissions for the region to meet state and federal air quality attainment standards. Projects to support implementation of various clean fuel vehicle and infrastructure programs are included in the *Technology Advancement Office Clean Fuels Program 2018 Plan Update* under the category of “Hydrogen and Fuel Cell Technologies and Infrastructure.” This project will help ensure that sufficient hydrogen infrastructure is available to support the demonstration and early-market introduction of zero emission fuel cell vehicles, including drayage trucks for goods movement operations. Use of zero emission heavy-duty trucks further support the state’s goals in reducing emissions from goods movement programs, including the Sustainable Freight Action Plan.

Successful demonstration and greater deployment of fuel cell vehicles are expected to provide reduction of criteria pollutants from heavy-duty trucking activities, especially in disadvantaged communities that are disproportionately exposed to harmful diesel emissions, such as the POLB area.

Resource Impacts

SCAQMD’s support of the H2Freight Project will not exceed \$1,200,000 from the Clean Fuels Program Fund (31). Project partners and proposed funding are as follows:

Project Partner	Funding	Percent
CEC*	\$8,000,000	66
Equilon Enterprises LLC, dba Shell Oil Products US	\$1,400,000	12
Toyota	\$1,400,000	12
SCAQMD (<i>requested</i>)	\$1,200,000	10
Project Total	\$12,000,000	100

*NOPA for GFO-17-603

Sufficient funds are available from the Clean Fuels Fund, 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 mechanisms 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.

Attachments

California Fuel Cell Partnership April 10, 2018 Executive Board Meeting Agenda
California Fuel Cell Partnership Activity Updates (October 2017 through March 2018)

CaFCP Public Forum Agenda
Scaling the Market for Success
April 10th 2018

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

10 minutes

10:30am-10:40am

*CaFCP Chair, Dr Mohrdieck***1. Welcome and Introductions****30 minutes**

10:40am-11:10am

*Roadmap Team***2. 2030 Roadmap – Accelerating the Market**

CaFCP members are developing a consensus document to describe the actions needed to accelerate the market for FCEVs and hydrogen infrastructure. The small team writing the document will present their main messages, introduce mechanisms and levers the roadmap identifies as those that will encourage a self-sustaining market, and discuss how the Governor’s new executive order feeds into the roadmap.

50 minutes

11:10am-12:00pm

*Market Activation Team***3. Achieving Scale**

The market activation group identified several tactics to encourage market growth, reduce station and fuel costs, and support 2030 and 2050 California objectives. How would these be implemented and what other considerations do we need to make about existing or novel market-based mechanisms that could spur private investment?

60 minutes

12:00pm-1:00pm

Lunch *(on own)***45 minutes**

1:00pm-1:45pm

*Calstart**Loves/Trillium***4. Medium- and Heavy-Duty Vehicles**

The transition to natural gas was incented with mechanisms that included sales and use tax exemptions, infrastructure grants, and point-of-sale rebates that offset the cost of replacing conventional vehicles. What can those policies and actions teach us about jump-starting the transition to hydrogen in trucks and buses? What do early-market actors need now to be interested in fuel cells and heavy-duty stations?

60 minutes

1:45pm-2:45pm

*SoCal Gas**Noyes Law Corporation***5. Hydrogen Production and Utilities**

New hydrogen production dedicated to light- and heavy-duty applications is vital as early market expansion increases fuel demand. How do we stimulate renewables while keeping costs down for the consumer in early market conditions? Hydrogen also has the opportunity to enhance grid services and renewable penetration via storage, quick-response rates, and resiliency. Do California’s utilities see hydrogen as an opportunity or a potential threat? Where might hydrogen and electricity work complimentary toward long-term needs and goals, and what mechanisms might expedite cost-competitive renewable hydrogen?

30 minutes

2:45pm-3:15pm

Break

60 minutes
3:15pm–4:15pm
Roadmap Team

6. Mechanisms and Levers
Facilitated discussion about the points brought up today. Which are realistic, feasible, and helpful in the roadmap timeline? What are the next steps to completing the roadmap?

30 minutes
4:15pm–4:45pm

7. Executive Board Business Meeting
a) 2017 program plan review, 2018 progress and priorities
b) Global Climate Summit/Hydrogen Council meeting
c) H2USA collaboration
d) Public comment period*

15 minutes
4:45pm–5:00pm
CaFCP Chair, Dr Mohrdieck

8. Meeting Wrap Up and Next Steps

Evening Reception Hosted by Toyota
Diamond Bar Golf Course and Restaurant
22751 Golden Springs Drive, Diamond Bar, CA 91765

- * **Public comment period:** The public comment period provides an opportunity for members of the public to address the executive board on subject matters within the interest of CaFCP. Each person will be allowed a maximum of three minutes to ensure that everyone has a chance to speak.
- Agenda items may be taken out of order and times may vary from those listed in the agenda. The board may choose to limit public comment at the chair's discretion.
- This meeting is open to the public and will not be available by phone. The facility is accessible to persons with disabilities. Deadline for requesting ADA modification is **April 3, 2018**. Meeting materials will be available at www.caftp.org.
- **ANTITRUST GUIDELINES:** It is the express intent of the CaFCP and its Members that none of the CaFCP's activities violate or be in conflict with any federal, state or local antitrust law, rule or policy (collectively, the "**antitrust laws**"). Each Member will conduct its affairs in conformity with this intent. Each Member is aware that there are significant civil and criminal penalties for violating the antitrust laws. To the extent possible, the Members of the CaFCP will act in a manner substantially in compliance with the policy entitled "Antitrust Guidelines for Collaboration Among Competitors" issued by the Federal Trade Commission and the Department of Justice in April 2000 ("**Antitrust Guidelines**"). The Antitrust Guidelines are available for reference on the CaFCP's Member resources website. The Antitrust Guidelines will be referenced in advance of CaFCP meetings.



CaFCP Monthly Report: Oct/Nov 2017

Events/Activities Staff Lead: J Contreras

Upcoming

- Feb 20th-22nd – WPMA, Las Vegas
- Mar 14th – CaFCP working group meeting, SoCal (TBD)
- Apr 10th-11th – CaFCP executive board/working group meeting, Diamond Bar

Recent

- Oct. 24th – [Hydrogen Station Webinar](#). Joe Gagliano and Ben Xiong, Participants: 116
- Nov. 1st – [EDTA Leader Series: Beyond the Beltway](#). Speaker: Bill Elrick, Attendees: 80
- Nov. 2nd – [North American Fuel Cell Bus Conference](#). Speaker: Nico Bouwkamp, Attendees: 110
- Nov. 7th – [H2@Scale workshop](#). Speaker: Bill Elrick, Attendees: 150+
- Nov. 7th-9th – [Fuel Cell Seminar](#). CaFCP sponsored ride-n-drive
- Nov. 9th-10th – [International Fuel Cell Vehicle Congress](#). Speaker: Bill Elrick, Attendees 250+
- Nov. 14th – [California Hydrogen Infrastructure Tool \(CHIT\)](#) 2017 release update webinar. ARB
- Nov. 30th – [Hydrogen Refueling Infrastructure Alternative Funding Mechanisms](#) workshop. CEC

SECTOR GROUPS

Automotive Group Staff Lead: J Gagliano, Member Lead: M McClory

- OEM Group (in coordination with SDO Group members) developed, reviewed and discussed a Proposed Standard Performance Requirements document to update the requirements listed in the CEC GFO-15-605 solicitation
- Goal is to have both Groups create a consensus document to submit to CEC to guide the next GFO solicitation prior to the 12/4/17 workshop
- CEC has an HRS Technical Requirements Workshop scheduled for Monday, December 4, 2017

Government Group Staff Lead: J Gagliano, Member Lead: G Vacin

- GO-Biz has led on-going Station Confirmation Group calls to coordinate efforts to bring the next group of funded hydrogen stations to Open Retail.
- ARB follow-up HySTeP testing was conducted at Woodside and revised report issued October 11.
- ARB HySTeP team conducted Honda MC Formula Protocol Validation testing and issued a report on October 26
- CEC released its second revised GFO-15-605 NOPA on November 8 announcing proposed funding awards for 5 new hydrogen station locations (http://www.energy.ca.gov/contracts/GFO-15-605_NOPA_Rev_11-17.pdf)
- CEC also announced 3 new workshops to obtain industry stakeholder feedback regarding the next hydrogen station grant funding solicitation: Nov. 30 (HRS Alternative Funding Mechanisms Workshop), Dec. 4 (HRS Technical Requirements Workshop), Dec. 14 (Evaluation Criteria of HRS Applications Workshop)

Station Developer/Operator Group Staff Lead: J Gagliano, Member Lead: A Harris

- SDO Group (in coordination with OEM Group members) developed, reviewed and discussed a Proposed Standard Performance Requirements document to update the requirements listed in the CEC GFO-15-605
- Goal is to have both Groups create a consensus document to submit to CEC to guide the next GFO solicitation prior to the 12/4/17 workshop
- CEC has an HRS Technical Requirements Workshop scheduled for Monday, December 4, 2017

CaFCP Monthly Member Report – Oct/Nov 2017

FCET & FCEB Group Staff Lead: K Malone, Member Lead: *TBD*

- Low level of activities due to budget reductions – publication of June FCET workshop revised recommendations on hold.
- CaFCP participated in the November North American FCB Conference in Canton, OH – as panelist on “Proven Reliability & Future Support” and “Sharing Risk & Growing the Hydrogen Network” panels. Presentations available at: <http://www.cte.tv/?p=2951>
- Working towards alignment of CHBC 2018 Transit SAG activities with CaFCP activities
- Provided input to New Flyer, Eldorado National (ENC) and CTE about creation of APTA (sub)committee with focus on fuel cell buses

PROJECT TEAMS

Safety Codes & Standards Staff Lead: J Hamilton, Member Lead: A Harris

- **SAE International:** Kicked off SAE 2600 revisions at the Fuel Cell Interface Task Force face to face meeting November 8-9 in Torrance, CA. SAE J2600 Compressed Hydrogen Surface Vehicle Fueling Connection Devices to re-open for addressing high flow nozzles for heavy duty fueling. Highest priority is to align this with ISO 17268 due to issues with drawings for H35HF in ISO document; SAE J2601-1 Light Duty Vehicle Fueling (in revision) and SAE J2601-4 Ambient Temperature, Fixed Orifice fueling (new documents), to continue discussions. The FC Safety Task Force meeting was held in Troy, MI November 7-8.
- **CSA Group:** A. Harris and J. Hamilton are chair and vice-chair (respectively) of the newly formed Hydrogen Transportation Technical Committee. This TC was approved by the Transportation Strategic Steering Committee during the 2017 Committee Week in Cleveland, OH. The TC mapped out a work plan for and prioritized the CSA hydrogen documents in the coming few years.
 - Potential for a **North American H2 Forum #2** (1st meeting Mar 2017 in Ottawa, Ontario, Canada).
- **ISO/TC 197 Hydrogen Technologies:** Plenary meeting to be held in Foshan, China December 7-8. Thirteen main Working Groups within the TC 197 working on documents ranging from station components to fuel quality. The largest WG, in terms of members, is the:
 - **WG 24; ISO 19880-1** (Hydrogen Fueling Stations) document is being developed for Draft International Standard (DIS) ballot to be presented at the Plenary meeting; expected to be completed in May 2018.
- **ASTM D03.14 Subcommittee on Hydrogen and Fuel Cells:** Jennifer is the Chair, Christina Daniels of CA Dept. of Food and Ag, Division of Measurement Standards is the vice-chair. The committee is preparing for the second of two in-person meetings. This one to take place in Houston December 5-6 (the first was in Boston in June). Members of the subcommittee are working to get Inter Laboratory Studies started for two ASTM methods: FTIR method, (ILS #851 for ASTM D7653-2010) and Continuous Wave Cavity Ring-Down method (ILS #1121 for ASTM D7941). The D03.14 has also been requested to give input to the ISO/TC 158/Joint WG 7 on the Committee Draft (CD) 21087 document: Hydrogen Fuel- Analytical methods- Proton exchange membrane (PEM) fuel cell applications for road vehicles. This is a Joint Working Group with the ISO/TC 197; the convener is Martine Carré of Air Liquide.

Government Affairs Staff Lead: K Malone, Member Lead: *TBD*

- Legislative outreach has ramped down due, in part, to the end of the state legislative session. Contact with legislators, staff and NGOs continues on a case-by-case basis.
- Keith and Teresa Cooke will be engaging members at Working Group and via the Legislative Outreach Committee on plans for 2018 outreach.
- October legislative interactions with Senator Bradford and Assembly Member Muratsuchi at Torrance ribbon cutting; Senator Glazer and Assembly Member Bake at San Ramon ribbon cutting; Keith had personal interaction with Assembly Member Ridley-Thomas at private party.

CaFCP Monthly Member Report – Oct/Nov 2017

Legislative Metrics

Legislative Outreach	Legislators	Staff	NGOs
October	6	2	0
Q3 2017	14	31	3
Year to date	27	57	4

Outreach/Education Staff Lead: K Malone, Member Lead: TBD

- Preliminary discussions among staff are under way regarding a revamp of the CaFCP website. Discussions will extend to members.
- Two hydrogen station grand opening ceremonies: Oct 9th Torrance (#30) and Oct 10th San Ramone (#31)

Web and Social Media Metrics (October & November)

	Email List	Facebook followers	Twitter followers	LinkedIn followers	Website Visits
October	10,900	2,831	4,031	923	12,059
November	12,843	2,849	4,089	945	11,722

HyPPO Report Staff Lead: J Gagliano, Member Lead: A Harris

- Task Force members developed industry’s response to the August 2017 AB 8 report in presentation format to address key questions:
 - How many vehicles are there?
 - How many vehicles can the existing network support (31 stations)?
 - Where should the next stations be located?
- Initial goal was to present this presentation to CAFCP Steering Team on October 18 (but did not occur due to scheduling conflicts)
- Presentation will now be made instead at the December 6 Working Group meeting
- Plan is for this to be the foundation for an annual updated HyPPO report, the first of which is to be published in Spring 2018
- The goal is to have this be an annual report published by CAFCP

Vision/Roadmap 2.0 Staff Lead: C White, Member Lead: M Forrest

- Series of member input workshops cumulated with Oct 17-18 EB and ST discussions. Feedback from both meetings worked into updated draft released for Nov 16th ST
- Agenda for October 17th executive board developed to solicit discussions and feedback for document development. October 18th steering team meeting reviewed board inputs and reviewed latest draft document and are to submit any additional feedback by Dec 4th.
- http://cafcpmembers.org/sites/default/files/documents/Roadmap_Draft_1_%20for_Review_0.pdf

SOSS Staff Lead: B Xiong, Member Lead: J Birdsall

- Completed developing new feature to allow SDOs the ability to add a station message to their own station.
- Completed initial setup to transmit SOSS data to the AFDC Alternative Fuel Station Locator
- Ordered and received SOSS station stickers to be posted at stations to promote SOSS

CaFCP Monthly Member Report – Oct/Nov 2017

H2 Market Acceleration Staff Lead: J Gagliano, Member Lead: W Leighty

- Task Force members developed state government policy proposal recommendations to accelerate the commercialization and deployment of hydrogen fueling stations. The policy recommendation package includes:
 - Expansion of the ARB LCFS program to allow generation of credits based on installed capacity of hydrogen stations
 - Future Funding Source/Block Grant award approach for multi-year station development with special emphasis on destination and connector locations
 - Fuel Rebate Program to incentivize the development of low-cost hydrogen sources while providing hydrogen fuel at gasoline cost parity
- Six members of the Task Force submitted a letter to the ARB LCFS docket on November 29, 2017, officially proposing the LCFS Hydrogen Infrastructure Pathway be adopted by ARB
- Draft LCFS regulatory language accompanied the submittal letter

Events/Activities – Staff Lead: J Contreras

Upcoming

- Jan 23 & 26 - Regional Briefings (San Jose & San Francisco) on FCEVs and hydrogen infrastructure for local officials (*CaFCP supporting City of SF*)
- Feb 20–22 - WPMA, Las Vegas
- Apr 10–11 - CaFCP executive board/working group meeting, SoCal

Recent

- Dec 4 - CEC HRS Technical Requirements workshop, Sacramento
- Dec 5 - Cal State LA Hydrogen Station Industrial Advisory Board. Member: Keith
- Dec 5 - ASTM D03.14 Hydrogen and Fuel Cells Meeting (Hydrogen quality). Chair: Jennifer
- Dec 6 - CaFCP [Working Group](#) meeting, West Sacramento
- Dec 6 - CaFCP [Executive Board](#) meeting and conference call, West Sacramento
- Dec 14 - CEC Evaluation Criteria of HRS Applications workshop, Sacramento

SECTOR GROUPS

Automotive Group – Member Lead: M McClory, Staff Lead: J Gagliano

- Automotive Group members participated in CEC’s HRS Technical Requirements workshop on December 4 to help guide development of the next GFO HRS solicitation
- Automotive & SDO group members submitted consensus comments on HRS Technical Requirements to CEC docket number 17-HYD-02 to update the requirements listed in the previous CEC GFO-15- 605 solicitation
- Automotive Group members participated in CEC’s Evaluation Criteria of HRS Applications workshop on December 14 to help guide development of the next GFO HRS solicitation
- Automotive & SDO group members submitted consensus comments in response to the Alternative Funding Mechanisms and Evaluation Criteria of HRS Applications workshops to CEC docket number 17-HYD-02 to help guide development of the next GFO HRS solicitation

Government Group – Member Lead: G Vacin, Staff Lead: J Gagliano

- GO-Biz led on-going Station Confirmation Group calls to coordinate efforts to bring the next group of funded hydrogen stations to Open-Retail
- CEC held workshops in December and November to obtain stakeholder feedback regarding the next hydrogen station grant funding solicitation (anticipated Q2 2018, per AB8 report):
 - Nov 30 - HRS Alternative Funding Mechanisms workshop
 - Dec 4 - HRS Technical Requirements workshop
 - Dec 14 - Evaluation Criteria of HRS Applications workshop
- On December 28, the CEC and ARB publicly released the third annual *Joint Agency Staff Report on Assembly Bill 8: Assessment of Time and Cost Needed to Attain 100 Hydrogen Refueling Stations in California*. The report is available on the Energy Commission website at:
<http://www.energy.ca.gov/2017publications/CEC-600-2017-011/CEC-600-2017-011.pdf>

Station Developer/Operator Group – Member Lead: A Harris, Staff Lead: J Gagliano

- SDO Group members participated in CEC’s HRS Technical Requirements workshop on December 4 and Evaluation Criteria of HRS Applications workshop on December 14. See Automotive Group comments above for more details.

MHD Group (FCET & FCEB) – Member Lead: N Berry, Staff Lead: K Malone

- Low level of activities due to CaFCP’s budget reductions—publication of June FCET workshop revised recommendations on hold
- Staff participated in and provided input at the December 15 CARB public workshop to discuss the proposed innovative Clean Transit rulemaking

PROJECT TEAMS

Safety Codes & Standards – Member Lead: A Harris, Staff Lead: J Hamilton

- ISO/TC 197 Hydrogen Technologies: Plenary meeting held in Foshan, China December 7–8. Thirteen main Working Groups within the TC 197 working on documents ranging from station components to fuel quality. The largest WG, in terms of members, is the:
 - WG 24; ISO 19880-1 (Hydrogen Fueling Stations) document was developed for Draft International Standard (DIS) ballot to be presented at the Plenary meeting; expected to be completed in May 2018.
- ASTM D03.14 Subcommittee on Hydrogen and Fuel Cells: Jennifer is the Chair, Christina Daniels of CA Dept. of Food and Ag, Division of Measurement Standards is the vice-chair. The committee held its second in-person meeting in Houston December 5-6. Inter Laboratory Studies for two ASTM methods: FTIR method, (ILS #851 for ASTM D7653-2010) and Continuous Wave Cavity Ring- Down method (ILS #1121 for ASTM D7941) were discussed and a subsequent call was held with a target start date of February, 2018. Air Gas is preparing the samples and the technical leads are developing the protocols for the participating labs. The D03.14 has also been requested to give input to the ISO/TC 158/Joint WG 7 on the Committee Draft (CD) 21087 document: Hydrogen Fuel- Analytical methods- Proton exchange membrane (PEM) fuel cell applications for road vehicles. This is a Joint Working Group with the ISO/TC 197; the convener is Martine Carré of Air Liquide. There is no US TAG on this topic and as such, the D03.14 has been asked to give input.

Vision 2030/Roadmap 2.0 – Member Lead: M Forrest, Staff Lead: C White/B Elrick

- After receiving feedback that the November draft document’s messages were not sufficiently focused, a small team of sector reps began reworking the draft. The team has held several meetings and is developing a more concise and targeted outline for moving forward. An updated draft is anticipated in February, with broader CaFCP review in March, in time for the April executive board meeting.

Government Affairs – Member Lead: S Baker, Staff Lead: K Malone

- Legislative outreach ramped down due, in part, to the end of the state legislative session. Contact with legislators, staff and NGOs continues on a case-by-case basis.
- December interactions with legislators included an inquiry from Congressman Mike Thompson’s (D-Napa) staff inquiry on behalf of a constituent about stations in the district.
- Planning outreach to select legislative offices in Sacramento on January 22, 24 and 25.

Legislative Outreach Metrics

Legislative Outreach	Legislators	Staff	NGOs
Q4 2017	10	18	0
Year to date	27	58	4

Outreach/Education – Member Lead: L Renz, Staff Lead: K Malone

- Preliminary discussions among staff are under way regarding a revamp of the CaFCP website. Discussions will extend to members.
- In partnership with the City of San Francisco and the Governor’s Office of Business and Economic Development staff is supporting two regional briefings (Jan 23 and 26) for local officials.
- Keith was interviewed by KPCC (NPR) car guru Sue Carpenter and John Rabe at South Pasadena station about fuel cell cars and hydrogen infrastructure.
- Assisting SunLine Transit with a tour of the facility on February 3 by fuel cell car drivers.

Web and Social Media Metrics

	Email List	Facebook followers	Twitter followers	LinkedIn followers	Website Visits
October 2017	10,900	2,831	4,031	923	12,059
November 2017	12,843	2,849	4,089	945	11,722
December 2017	11,244	3,013	4,089	1,000	11,114

HyPPO Report – Member Lead: A Harris, Staff Lead: J Gagliano

- Task Force Lead gave HyPPO presentation at the December 6 Working Group meeting
- Presentation addressed the following key questions:
 - How many FCEVs are deployed in California?
 - How many FCEVs can the existing network (31 stations) support?
 - Where should the next stations be located?
- Going forward this will be an annual report that CaFCP publishes to support and expand upon AB8 government reports; the first of which is to be completed in spring 2018 prior to midyear AB8 document release.

SOSS – Staff Lead: B Xiong, Member Lead: J Birdsall

- Completed station developer capability to directly add SOSS messages

H2 Market Activation – Member Lead: W Leighty, Staff Lead: J Gagliano

- Task force members led the efforts to develop the OEM/SDO consensus docket submittals CEC Docket No. 17-HYD-02 regarding the three recent CEC workshop focused on the next HRS funding solicitation (the Alternative Funding Mechanisms, HRS Technical Requirements, and Evaluation Criteria of HRS Applications workshops). See Automaker Group notes.



EVENTS/ACTIVITES | Staff Lead: J Contreras

UPCOMING	
Feb 14	CaFCP Government Affairs Committee
Feb 15	Q1 2018 UPDATE Webinar on hydrogen station network development in California, CaFCP HQ
Feb 20–22	Western Petroleum Marketers Association (WPMA), Las Vegas, NV
Feb 26–March 8	CARB workshops on Beneficiary Mitigation Plan
March 1	Electrify America submissions for California ZEV Investment Plans
Mar 7	ARFVTP 10-Year Anniversary Event - HOLD THE DATE! Potential test drive and static display, CEC building, Sacramento, CA
March 14	Working Group meeting, SoCal & NorCal (video and teleconference)
Apr 10–11	CaFCP executive board/working group meeting, SoCal
RECENT	
January 23 & 26	Regional Briefings (San Jose & San Francisco) on FCEVs and hydrogen infrastructure for local officials (<i>CaFCP supporting City of SF</i>)

SECTOR GROUPS

AUTOMOTIVE GROUP | Member Lead: M McClory | Staff Lead: J Gagliano

- Participated in the January 8 CEC Pre-Application Workshop regarding GFO-17-602 - Renewable Hydrogen Transportation Fuel Production Facilities and Systems.
- Participated in the January 17 CEC Business Meeting where Commissioners approved funding for the Hydrogen Safety Panel and GO-BIZ contracts as well as the four FirstElement hydrogen stations proposed in the November 2017 amended GFO-15-605 NOPA.
- Participated with Station Developer Group in a conference call on January 24 with CEC staff to provide clarification on industry’s HRS Technical Requirements docket submission for 17-HYD-02.

GOVERNMENT GROUP | Member Lead: G Vacin | Staff Lead: J Gagliano

- GO-Biz led on-going Station Confirmation Group calls to coordinate efforts to bring the next group of funded hydrogen stations to Open-Retail.
- CEC on January 8 held a Pre-Application Workshop regarding GFO-17-602 - Renewable Hydrogen Transportation Fuel Production Facilities and Systems.

- CEC held a Business Meeting on January 17 where Commissioners approved funding for the Hydrogen Safety Panel and GO-BIZ contracts as well as the four FirstElement hydrogen stations proposed in the November 2017 amended GFO-15-605 NOPA.
- CEC held a conference call on January 24 with Automotive and Station Developer Group members to obtain clarification on industry’s HRS Technical Requirements docket submission for 17-HYD-02.
- CEC and ARB staff initiated a series of informational interviews with automakers to better understand the process and thinking behind the OEM Group priority HRS location recommendations developed and published to help inform the CEC GFO process for awarding hydrogen station development grants.
- Governor Brown issued [Executive Order B-48-18](#) on January 26 setting new ZEV targets of 5 million ZEVs (BEVs and FCEVs) on California roadways by 2030 and 200 hydrogen refueling stations built by 2025. The proposed ZEV infrastructure program (for BEVs and FCEVs) allocates \$900 million for the 8-year program. The Governor also proposes \$200 million annually through 2025 for the purchase/lease of light-duty ZEVs through the Clean Vehicle Rebate Program.

STATION DEVELOPER/OPERATOR GROUP | Member Lead: A Harris | Staff Lead: J Gagliano

- Participated in the January 8 CEC Pre-Application Workshop regarding GFO-17-602 - Renewable Hydrogen Transportation Fuel Production Facilities and Systems.
- Participated in the January 17 CEC Business Meeting where Commissioners approved funding for the Hydrogen Safety Panel and GO-BIZ contracts as well as the four FirstElement hydrogen stations proposed in the November 2017 amended GFO-15-605 NOPA.
- Participated with Automotive Group members in a conference call on January 24 with CEC staff to provide clarification on industry’s HRS Technical Requirements docket submission for 17-HYD-02.

MHD GROUP (FCET & FCEB) | Member Lead: N Berry | Staff Lead: K Malone

- SunLine Transit hosted a West Coast Center of Excellence Workshop for CA transit agencies and stakeholders on the topic of zero-emission bus technology on January 11 and 12.
- Low level of activities due to CaFCP’s budget reductions—publication of June FCET workshop revised recommendations on hold.

PROJECT TEAMS

SAFETY CODES & STANDARDS | Member Lead: A Harris | Staff Lead: J Hamilton

- **NFPA 2:** First draft ballot opened; due on the 31st of January
- **ICC:** comments to the IFC due on the 8th of January
- **ISO/TC 197 WG 24:** ISO DIS 19880-1 *Gaseous hydrogen — Fueling stations — Part 1: General requirements* ballot opened (due March 5th)
- **SAE J2600:** Document open for revision, N Bouwkamp sponsor. Accepting technical proposals for revision of document

- **ASTM D03.14 Subcommittee on Hydrogen and Fuel Cells:**

Inter Laboratory Studies for two ASTM methods: FTIR method, (ILS #851 for ASTM D7653-2010) and Continuous Wave Cavity Ring- Down method (ILS #1121 for ASTM D7941) progressing with a target start date of February 2018. Air Gas is preparing the samples and the technical leads are developing the protocols for the participating labs.

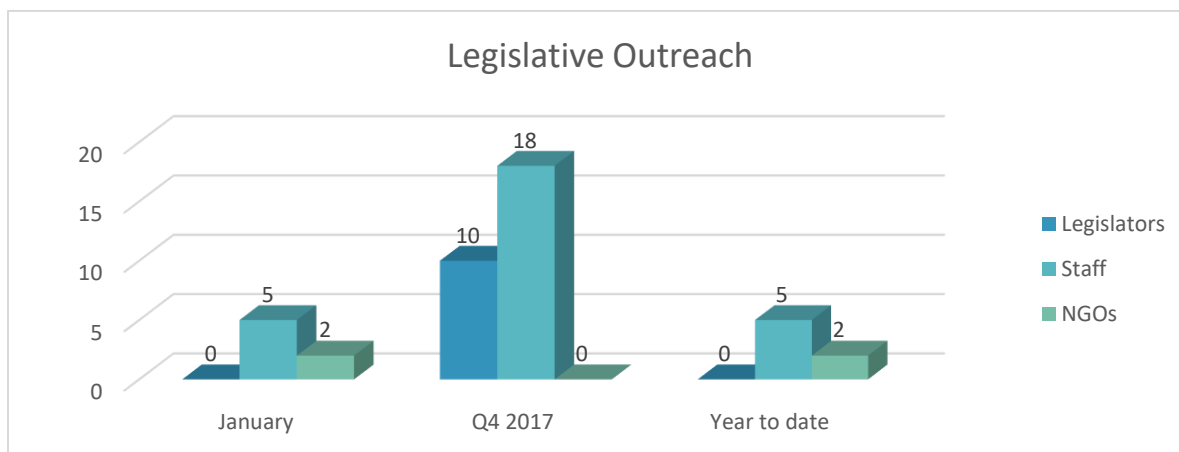
The D03.14 was not able to give input to the ISO/TC 158/Joint WG 7 on the Committee Draft (CD) 21087 document: Hydrogen Fuel- Analytical methods- Proton exchange membrane (PEM) fuel cell applications for road vehicles as no draft was provided

ROADMAP 2.0 | Member Lead: M Forrest | Staff Lead: C White/B Elrick

- Team has developed updated working outline and begun populating sections with primary themes and messages. Focus has been on ensuring previous workshop input is honored, priority messages are clear and succinct, includes portfolio of actionable ideas without advocacy, and a focus on enabling a self-sustaining market in California. Update is planned for February steering team call.

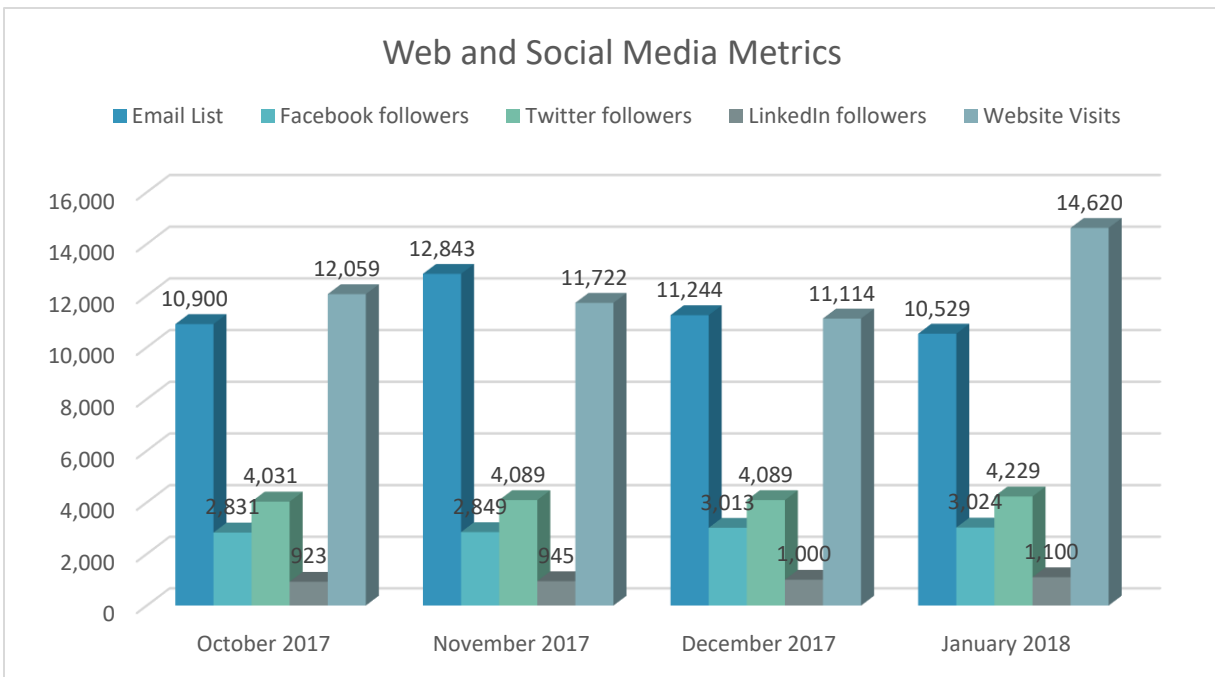
GOVERNMENT AFFAIRS | Member Lead: S Baker | Staff Lead: K Malone

- Capitol outreach on January 24 to various legislative offices and committees as well as NGOs: Republican policy consultants, Assembly Transportation Committee, Senate Transportation and Housing Committee, Coalition for Clean Air and Environmental Defense Fund.



OUTREACH/EDUCATION | Member Lead: L Renz | Staff Lead: K Malone

- Staff have prepared review of 2018 participation in key events, identifying which are likely, unnecessary or unlikely, and possible only with member participation or co-funding.
- Staff began interviews to determine stakeholder needs regarding CaFCP website revamp. Discussions will extend to members.
- Staff attended Western Riverside Clean Cities Coalition Transportation Summit, SunLine unveiling of new fuel cell bus and tour of SunLine by Mirai drivers.



HYPPO REPORT | Member Lead: A Harris | Staff Lead: J Gagliano

- Task Force Lead and CaFCP staff reviewed the December 2018 *Joint Agency Staff Report on AB 8: 2017 Annual Assessment of Time and Cost Needed to Attain 100 Hydrogen Refueling Stations in California* in preparation for developing the 2018 HyPPO Report update to be published this Spring.
- Going forward CaFCP expects to publish a HyPPO update annually to support and expand upon government AB 8 reports; the first of which is to be completed in spring 2018 prior to the mid-year AB 8 document release.

SOSS | Member Lead: J Birdsall | Staff Lead: B Xiong

- Continued ongoing SOSS upkeep; no new developments.

H2 MARKET ACTIVATION | Member Lead: W Leighty | Staff Lead: J Gagliano

- Task force members held several meetings in January to further develop the portfolio of market mechanism policy proposals that will be needed in addition to the existing CEC GFO hydrogen station funding process to meet the ambitious station network targets of both the Governor’s January 2018 Executive Order and the upcoming CaFCP Roadmap 2.0.
- The Market Activation Team has a planned meeting in February with staff of the Governor’s Office of Business and Economic Development to further refine these policy proposals and to help develop an outreach strategy to develop support for them among appropriate stakeholders.



EVENTS/ACTIVITIES | Staff Lead: J Contreras

UPCOMING

Mar 7	ARFVTP 10-Year Anniversary Event – Technology showcase & celebration event, California State Capital, Sacramento, CA
Mar 14	Working Group meeting, SoCal – Honda, Torrance
Apr 10–11	CaFCP Executive Board/Working Group meeting, SoCal – SCAQMD
April 19-21	Shell’s Make the Future Festival, Sonoma Raceway

RECENT

Feb 14	CaFCP Government Affairs Committee
Feb 15	Q1 2018 Hydrogen station network development in California webinar, CaFCP HQ, CA – total of 101 webinar attendees
Feb 20–22	Western Petroleum Marketers Association (WPMA), Las Vegas, NV – CaFCP co-exhibited with Comdata
Feb 27	Association of Women in Water, Energy and the Environment (AWWEE) lunch and presentation at CaFCP HQ – CaFCP staff presentation (20 attendees)
Feb 26–Mar 8	CARB workshops on Beneficiary Mitigation Plan
Mar 1	Electrify America submissions for California ZEV Investment Plans
Mar 1	Woodside High Environmental Club/Outreach Event, Woodside, CA
Mar 1	United Hydrogen – Investment Group tour at First Element Station, South San Francisco, CA

SECTOR GROUPS

AUTOMOTIVE GROUP | Member Lead: M McClory | Staff Lead: J Gagliano

- Group members met on February 20 to discuss a potential update to SOSS to incorporate display of Shell NPB & other future low-performance stations under a new proposed category “Open Limited Performance Retail Stations.”
- Group members participated in the February 21 CEC Business Meeting during which the commissioners approved funding for GFO-17-601, providing O&M funding support to hydrogen refueling stations.

GOVERNMENT GROUP | Member Lead: G Vacin | Staff Lead: J Gagliano

- GO-Biz led ongoing Station Confirmation Group calls to coordinate efforts to bring the next group of funded hydrogen stations to Open-Retail. OEMs completed confirmation testing and Linde's Mountain View station came online as the 32nd Open-Retail station in the network. Group members also discussed a potential pathway to bring the Newport Beach and Cal State LA stations onto SOSS.
- CEC held a business meeting on February 21 during which the commissioners approved funding for GFO-17-601 that provides O&M funding support to hydrogen refueling stations that did not receive O&M support or received partial support of the maximum of \$300,000 available under PON-13-607. Awardees include Air Liquide, FirstElement Fuel, and Ontario CNG.
- CEC and ARB staff continued a series of informational interviews with automakers to better understand the process and thinking behind the OEM Group's priority HRS location recommendations developed and published to help inform the CEC GFO process for awarding hydrogen station development grants.
- On February 26, ARB kicked off a series of six public workshops across the state to obtain comments about implementation of the Volkswagen Environmental Mitigation Trust for California.

STATION DEVELOPER/OPERATOR GROUP | Member Lead: A Harris | Staff Lead: J Gagliano

- Group members participated in the February 21 during which the commissioners approved funding for GFO-17-601 that provides O&M funding support to hydrogen refueling stations that did not receive O&M support or received partial support of the maximum of \$300,000 available under PON-13-607. Awardees include Air Liquide, FirstElement Fuel, and Ontario CNG.
- Group members participated in the February 26 ARB public workshop in Sacramento about implementation of the Volkswagen Environmental Mitigation Trust for California.

MHD GROUP (FCET & FCEB) | Member Lead: N Berry | Staff Lead: K Malone

- **SAE** – CaFCP staff presented an update on a revision of SAE J2600 at SAE in-person meeting in Torrance. (N Bouwkamp)
- **CHBC Transit Sector Action Group** – CaFCP staff participated. (N Bouwkamp)
- Group initiatives reactivated due to SCAQMD and Toyota 2018 CaFCP Plus contributions – work in progress for 2018 publication of FCET Action Plan (per May 2017 industry workshop recommendations).

PROJECT TEAMS

SAFETY CODES & STANDARDS | Member Lead: A Harris | Staff Lead: J Hamilton

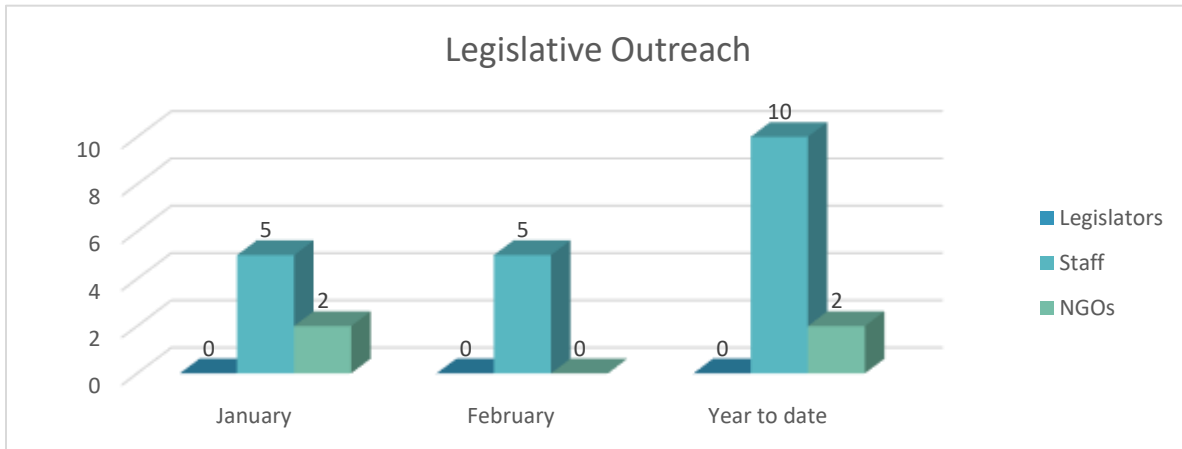
- **CSA HGV 4.3:** meetings to commence for the completion of a document to harmonize with the 2016 SAE J2601.
- **NFPA 2 and 55:** The first draft of both NFPA 2 and NFPA 55 are posted and are open for public comment. Public comment is open until May 9. Two separate second draft meetings are to be held, one for NFPA 55 and the other for NFPA 2. The NFPA 55 meeting is tentatively scheduled for July 24 and 25, and the NFPA 2 meeting is scheduled for August 6-10. (<https://www.nfpa.org/codes-and-standards/all-codes-and-standards/list-of-codes-and-standards/detail?code=2&tab=nextedition>)
- **IFC:** 2018 version is currently in effect; hearings for 2021 version to be held in April.
- **ISO/TC 197 WG 24:** ISO DIS 19880-1 *Gaseous hydrogen — Fueling stations — Part 1: General requirements* – March 28 meeting to determine the U.S. position and comments
- **ASTM D03.14 Subcommittee on Hydrogen and Fuel Cells:** Inter Laboratory Studies for two ASTM methods: FTIR method, (ILS #851 for ASTM D7653-2010) and Continuous Wave Cavity Ring- Down method (ILS #1121 for ASTM D7941) needs Air Gas to prepare the samples and send out to labs.
- **SAE J2600 Compressed Hydrogen Surface Vehicle Fueling Connection Devices:** Document open for revision, N Bouwkamp sponsor. Accepting technical proposals for revision of document
- **SAE J2601 Fueling Protocols for Light Duty and Medium Duty Gaseous Hydrogen Surface Vehicles:** under revision; February in-person meeting in Torrance; goal is for a draft document by end of March.
- **SAE J2601-4 Ambient Temperature Fixed Orifice Fueling:** document under development; all comments due October 2018.
- **SAE J2579 Standard for Fuel Systems in Fuel Cell and Other Hydrogen Vehicles:** Open for another round of voting (to reflect the numbers of comments and changes from the initial ballot). Closes March 20th.

VISION 2030/ROADMAP 2.0 | Member Lead: M Forrest | Staff Lead: C White/B Elrick

- The team held several meetings and is developing an outline for the document. Each group member received writing assignments and M Forrest updated the Steering Team by phone. Target for publication is June 2018.

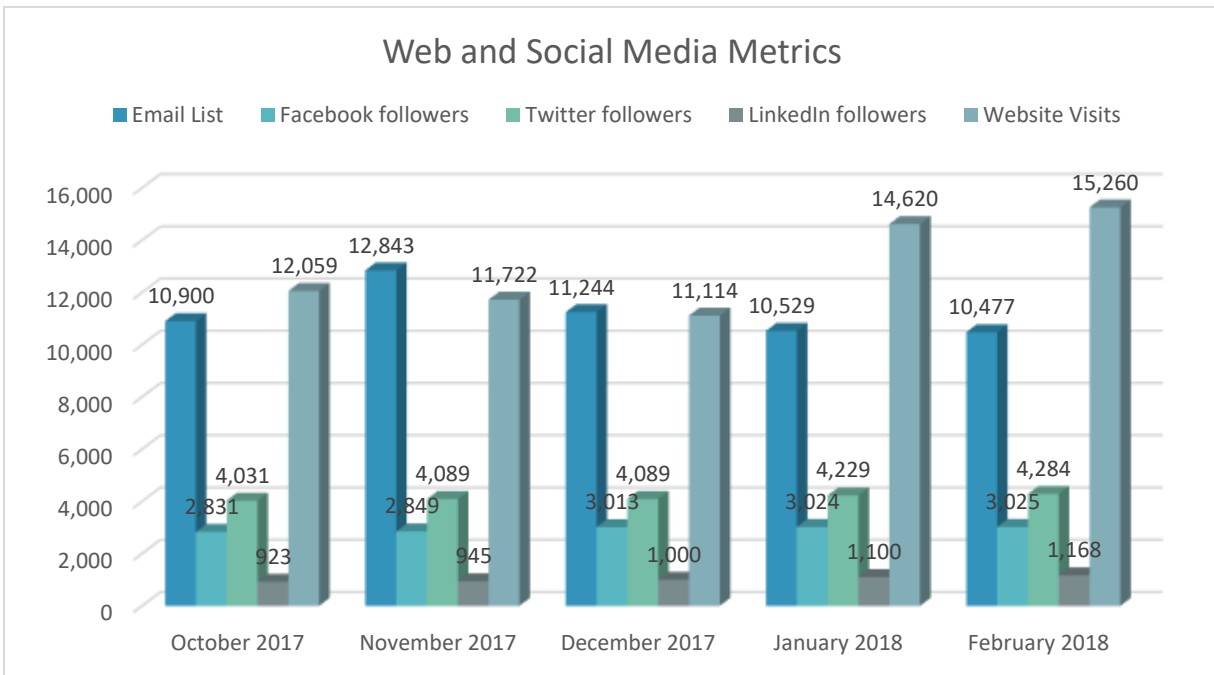
GOVERNMENT AFFAIRS | Member Lead: S Baker | Staff Lead: K Malone

- No legislative meetings in February. District staff of legislators (Assembly Member Berman, State Senator Hill, Representative Eshoo) that represent Mountain View were alerted to the opening of the hydrogen station and briefings were offered.



OUTREACH/EDUCATION | Member Lead: L Renz | Staff Lead: K Malone

- Informal meetings with stakeholders, including staff from Santa Barbara Air Pollution Control District.
- Initial interviews with staff and stakeholders regarding CaFCP website revamp completed.
- Staff is exploring possibility of ribbon cutting for Mountain View station.



HYPPO REPORT | Member Lead: A Harris | Staff Lead: J Gagliano

- Going forward this will be an annual report that CaFCP publishes to support and expand upon government AB 8 reports; the first of which is to be completed in Spring 2018 prior to the mid-year AB 8 document release.
- Team Lead and CaFCP staff reviewed the December 2018 *Joint Agency Staff Report on AB 8: 2017 Annual Assessment of Time and Cost Needed to Attain 100 Hydrogen Refueling Stations in California* in preparation for presentation at the upcoming March 14 CaFCP Working Group meeting and for developing the 2018 HyPPO Report update to be published this Spring.

SOSS | Member Lead: J Birdsall | Staff Lead: B Xiong

- Per February 20 OEM Group meeting, CaFCP staff is developing mock ups and definitions for incorporating a new SOSS category “Open Limited Performance Stations” to incorporate anticipated low-performance hydrogen stations like Newport Beach and Cal State LA.
- Station developers and operators are actively adding their own station messages to SOSS.
- Staff polled participants on the February hydrogen station update webinar about display options for stations with limited hours. Participants chose the design that shows an empty gray box during closed hours and always show the open hours on the home page.

H2 MARKET ACTIVATION | Member Lead: W Leighty | Staff Lead: J Gagliano

- Team members held several meetings in February to further develop the portfolio of market mechanism policy proposals that will be needed in addition to the existing CEC GFO hydrogen station funding process to meet the station network targets in the Governor’s January 2018 Executive Order and upcoming CaFCP Vision 2030/Roadmap 2.0.
- The team met on February 12 with GO-Biz staff to gain further insight about the hydrogen and fuel cell goals in the January 2018 Governor Brown ZEV Executive Order.



EVENTS/ACTIVITIES | Staff Lead: J Contreras

UPCOMING	
Apr 10–11	CaFCP Executive Board/Steering Team meeting, SoCal – SCAQMD
Apr 19-21	Shell’s Make the Future California, Sonoma Raceway
Apr 14	FCEV driver educational event at Caltech, Pasadena, CA
Apr 28	Woodside/Portola Valley Earth Day Event
Apr 30	ACT Expo, Long Beach, CA
May 22	Mountain View hydrogen station ribbon cutting
RECENT	
Mar 20	Air Liquide Anaheim Station 10,000 Fills Celebration
Mar 15	CEC ARFVTP 2018-19 Investment Plan Advisory Committee Meeting - SCAQMD
Mar 14	Working Group meeting, Honda, Torrance
Feb 26–Mar 8	CARB workshops on Beneficiary Mitigation Plan
Mar 7	ARFVTP 10-Year Anniversary Event – Technology showcase & celebration event, California State Capital, Sacramento, CA
Mar 1	Electrify America submissions for California ZEV Investment Plans
Mar 1	Woodside High Environmental Club/Outreach Event, Woodside, CA
Mar 1	United Hydrogen – Investment Group tour at First Element Station, South San Francisco, CA

SECTOR GROUPS

AUTOMOTIVE GROUP | Member Lead: M McClory | Staff Lead: J Gagliano

- Group members participated in the March 15 CEC ARFVTP 2018-19 Investment Plan Advisory Committee meeting at SCAQMD; \$92 million proposed for hydrogen refueling infrastructure.
- Group members participated in the ARB Public Workshops for the Volkswagen Environmental Mitigation Trust for California.

GOVERNMENT GROUP | Member Lead: G Vacin | Staff Lead: J Gagliano

- GO-Biz led ongoing Station Confirmation Group calls to coordinate efforts to bring the next group of funded hydrogen stations to Open-Retail. OEMs completed confirmation testing and FirstElement's Thousand Oaks station came online as the 33rd Open-Retail station in the network. Group members also discussed a potential pathway to bring the Newport Beach and Cal State LA stations onto SOSS under a proposed "Open Limited Performance Retail Station" category.
- CEC held a ARFVTP Advisory Committee meeting on the 2018-19 Investment Plan at SCAQMD in Diamond Bar. CEC is proposing \$92 million for the next round of funding for hydrogen refueling stations.
- Through March 8, ARB held a series of six public workshops across the state to obtain comments about implementation of the Volkswagen Environmental Mitigation Trust for California.

STATION DEVELOPER/OPERATOR GROUP | Member Lead: A Harris | Staff Lead: J Gagliano

- Group members participated in the March 15 CEC ARFVTP 2018-19 Investment Plan Advisory Committee meeting at SCAQMD; \$92 million proposed for hydrogen refueling infrastructure.
- Group members participated in the ARB Public Workshops for the Volkswagen Environmental Mitigation Trust for California.

MHD GROUP (FCET & FCEB) | Member Lead: N Berry | Staff Lead: K Malone

- ACT Expo –N Bouwkamp and K Malone to attend ACT Expo in Long Beach April 30-May 3.
- Group initiatives reactivated due to SCAQMD 2018 "CaFCP Plus" contribution. Work in progress for 2018 publication of *FCET Action Plan* (per May 2017 industry workshop recommendations).

PROJECT TEAMS

SAFETY CODES & STANDARDS | Member Lead: A Harris | Staff Lead: J Hamilton

- **CSA HGV 4.3:** meetings to commence for the completion of a document to harmonize with the 2016 SAE J2601.
- **NFPA 2 and 55:** The first draft of both NFPA 2 and NFPA 55 are posted and are open for public comment. Public comment is open until May 9. Two separate second draft meetings are to be held, one for NFPA 55 and the other for NFPA 2. The NFPA 55 meeting is tentatively scheduled for July 24 and 25, and the NFPA 2 meeting is scheduled for August 6-10. (<https://www.nfpa.org/codes-and-standards/all-codes-and-standards/list-of-codes-and-standards/detail?code=2&tab=nextedition>)
- **IFC:** 2018 version is currently in effect; hearings for 2021 version to be held in April.
- **ISO/TC 197 WG 24:** ISO DIS 19880-1 *Gaseous hydrogen — Fueling stations — Part 1: General requirements* – March 28 meeting to determine the U.S. position and comments resulted in "Approve with Comment"

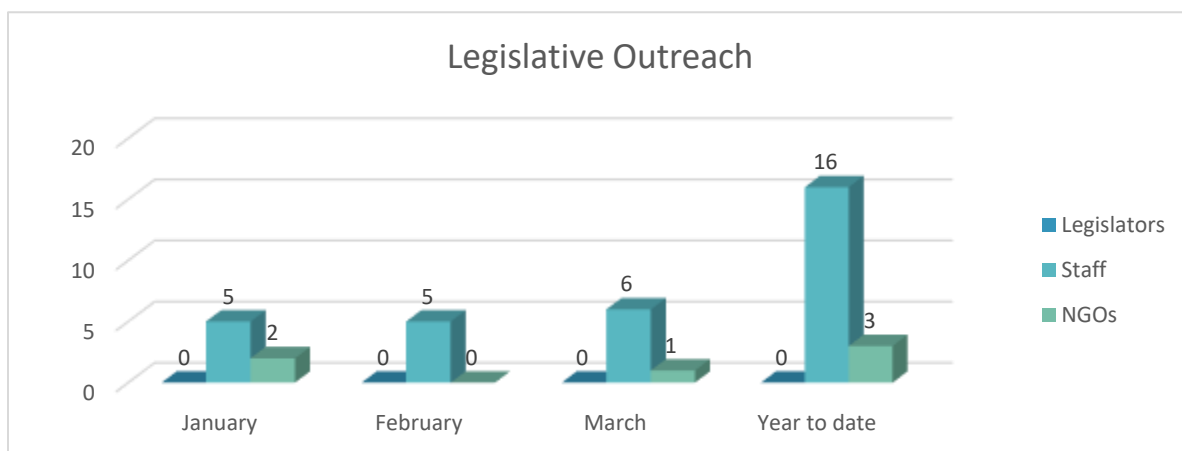
- **In person meeting: July 10th-12th, 2018 at Shell Deutschland Oil GmbH Hamburg, Germany** to address comments from the recent ballot.
- **ASTM D03.14 Subcommittee on Hydrogen and Fuel Cells:** Inter Laboratory Studies for two ASTM methods: FTIR method, (ILS #851 for ASTM D7653-2010) and Continuous Wave Cavity Ring- Down method (ILS #1121 for ASTM D7941) needs Air Gas to prepare the samples and send out to labs.
- **SAE J2600 Compressed Hydrogen Surface Vehicle Fueling Connection Devices:** Document open for revision, N Bouwkamp sponsor. Accepting technical proposals for revision of document
- **SAE J2601 Fueling Protocols for Light Duty and Medium Duty Gaseous Hydrogen Surface Vehicles:** under revision; February in-person meeting in Torrance; goal is for a draft document by end of March.
- **SAE J2601-4 Ambient Temperature Fixed Orifice Fueling:** document under development; all comments due October 2018.
- **SAE J2579 Standard for Fuel Systems in Fuel Cell and Other Hydrogen Vehicles:** goal is to publish the 2018 version prior to the next GTR 13 meeting in June.

ROADMAP 2.0 | Member Lead: M Forrest | Staff Lead: C White/B Elrick

- The team developed an outline and main ideas. M Forrest to provide updates at steering team calls and executive board meeting. Target for publication is June 2018.

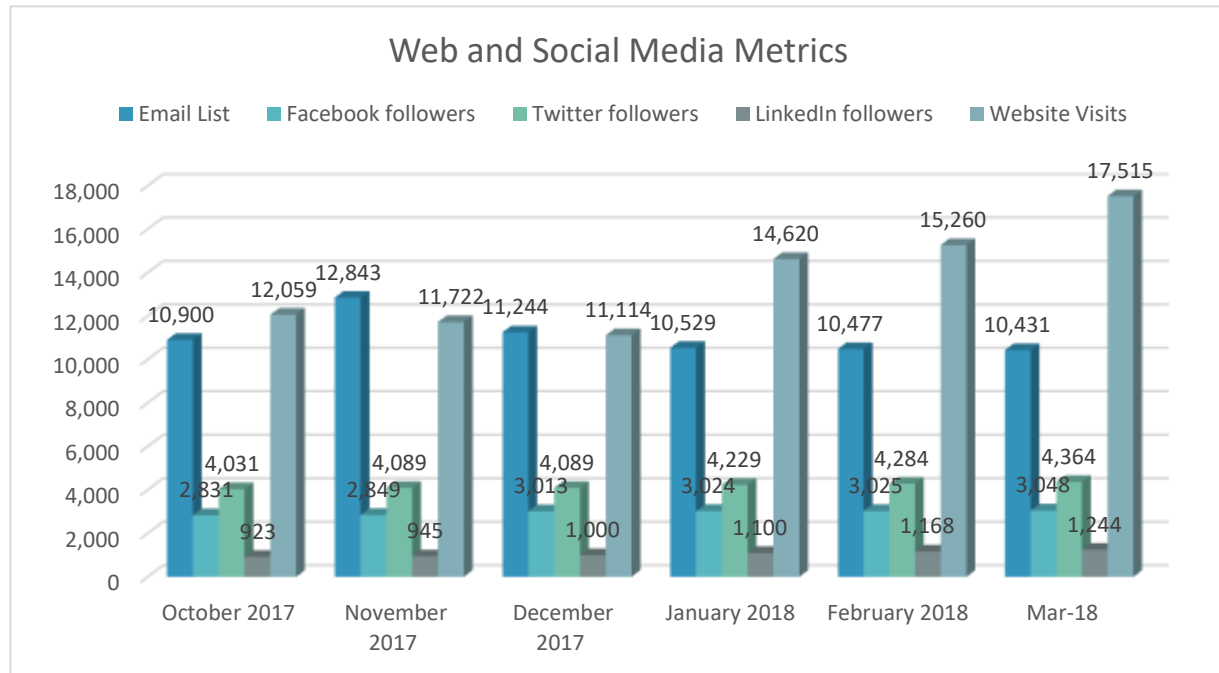
GOVERNMENT AFFAIRS | Member Lead: S Baker | Staff Lead: K Malone

- Meetings with district offices of Assembly Member Wendy Carillo (D-Echo Park) and Assembly Member Al Muratsuchi (D-Torrance).
- District staff of legislators who represent Caltech (Assembly Member Chris Holden and State Senator Anthony Portantino) were alerted to the FCEV driver educational event at the university. Briefing was set up with Assembly Member's office as a result of this contact.



OUTREACH/EDUCATION | Member Lead: L Renz | Staff Lead: K Malone

- Mountain View ribbon cutting committee established; CaFCP staff designated as event managers; date set for May 22.
- Staff presented to San Mateo City and County Association of Government’s Resource Management and Climate Protection Committee.



HYPPO REPORT | Member Lead: A Harris | Staff Lead: J Gagliano

- First annual report to be completed in spring 2018 prior to the mid-year AB 8 document release. First draft is expected by the end of April, with publication expected in early May.
- Team Lead Aaron Harris presented an update on the report at the March 14 CaFCP Working Group meeting

SOSS | Member Lead: J Birdsall | Staff Lead: B Xiong

- A draft matrix has been developed for describing stations under a proposed new SOSS category “Open Limited Performance Stations” to incorporate anticipated low-performance hydrogen stations like Newport Beach and Cal State LA.
- Station developers and operators are actively adding their own station messages to SOSS.
- Staff polled participants on the February hydrogen station update webinar about display options for stations with limited hours. Participants chose the design that shows an empty gray box during closed hours and always show the open hours on the home page. Development has been completed and is pending final Q&A before pushing to the SOSS production site.

H2 MARKET ACTIVATION | Member Lead: W Leighty | Staff Lead: J Gagliano

- Team members held several meetings in March to further develop the portfolio of market mechanism policy proposals that will be needed in addition to the existing CEC GFO hydrogen station funding process to meet the station network targets in the Governor's January 2018 Executive Order and Roadmap 2.0.
- Based on industry/government stakeholder meetings, team members revised its joint LCFS docket submittal letter to ARB regarding the proposed infrastructure pathway addition to the program to help accelerate private investment in larger hydrogen stations for submission to ARB prior to the upcoming April 27 ARB Board Meeting.

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 5

PROPOSAL: Adopt Resolution Recognizing Revenue and Accepting Terms and Conditions for Funding Agricultural Replacement Measures for Emission Reductions Program and Reimburse General Fund for Administrative Costs

SYNOPSIS: The Budget Act of 2017 allocated \$135 million to be administered by CARB for FY 2017-18 grants to air districts under the Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program. CARB has allocated \$1,878,800 to the SCAQMD under this program. This action is to adopt a Resolution recognizing revenue up to \$1.9 million from CARB into the Carl Moyer Program Fund (32) and accept terms and conditions of the FY 2017-18 FARMER Grant. This action is to also reimburse the General Fund for administrative costs to implement the FARMER Program.

COMMITTEE: Technology, May 18, 2018; Recommended for Approval

RECOMMENDED ACTIONS:

1. Adopt the attached Resolution recognizing revenue, upon receipt, up to \$1.9 million from CARB into the Carl Moyer Program Fund (32) and authorize the Executive Officer to accept terms and conditions of the FY 2017-18 FARMER Grant.
2. Reimburse the General Fund up to \$117,425 for administrative costs to implement the FARMER Program.

Wayne Natri
Executive Officer

MMM:FM:VW:WS:GAU

Background

The agricultural industry in California and areas within the South Coast Air Basin include many farms and ranches that produce commodities shipped throughout the world. This industry consists of producers, rental companies and other operations that

own and operate numerous off-road, diesel-fueled equipment. Even with increasingly more stringent emission standards on engine manufacturers, emissions from these vehicles and equipment are a significant source of air pollution since most of these types of equipment have been operating for decades. Natural turnover is not sufficient to meet SCAQMD's clean air needs since reducing emissions from these sources are necessary to meet federal ozone and particulate matter air quality standards.

AB 109 and AB 134 direct CARB to fund projects that will "reduce agricultural sector emissions by providing grants, rebates, and other financial incentives for agricultural harvesting equipment, heavy-duty trucks, agricultural pump engines, tractors, and other equipment used in agricultural operations." On April 5, 2018, CARB released a solicitation to air districts to receive funding from the FY 2017-18 Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program. CARB has tentatively allocated \$1,878,800 to the SCAQMD, comprised of \$1,761,375 for projects and \$117,425 for administrative and outreach efforts.

Proposal

This action is to adopt the attached Resolution recognizing revenue up to \$1.9 million from CARB into the Carl Moyer Program Fund (32) and authorize the Executive Officer to accept terms and conditions of the FARMER Grant. Projects that utilize FARMER funds will be evaluated based on the existing Carl Moyer Program Guidelines approved by CARB in April 2017. Proposals submitted under the currently open solicitation for the 2018 Carl Moyer Program (#PA2017-06) will be evaluated for qualification under the FARMER Program. Staff expects to finalize the review and evaluation of the proposals and recommend awards for Board approval at the October 2018 Board meeting. Finally, this action is to also reimburse the General Fund for administrative costs to implement the FARMER Program.

Outreach

In accordance with SCAQMD's Procurement Policy and Procedure, a public notice advertising the PA for the Carl Moyer Program and inviting bids has been published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County's Press Enterprise newspapers.

Additionally, potential bidders have already been notified utilizing SCAQMD's own electronic listing of certified minority vendors. Additionally, notice of the Carl Moyer Program PA has been emailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations, and placed on the Internet at SCAQMD's website (<http://www.aqmd.gov>) where it can be viewed by making menu selection "Grants & Bids."

Funding Distribution

CARB's FARMER Program Guidelines include the recommendation to allocate 50 percent of the total funds for projects within and benefiting disadvantaged communities and 5 percent for projects within and benefiting low-income households, based on the CalEnviroScreen 3.0 model. SCAQMD staff will ensure the funds are distributed in a manner that meet CARB's recommendation and maximizes the benefits to these communities.

Disproportionately Impacted Areas Point Ranking

The requirements of the FARMER Program will be implemented according to the following criteria.

- 1) All projects must qualify by meeting the cost-effectiveness limits established in the Carl Moyer Program Guidelines.
- 2) All projects will be evaluated according to the following criteria to qualify for funding as a disproportionately impacted area:
 - a) Disadvantaged communities: SB 535 and AB 1550 establish the requirements relating to the investment of auction proceeds in disadvantaged communities in order to provide economic and health benefits to these communities, and
 - b) Low-income households: Based on the CalEnviroScreen 3.0 model.

Benefits to SCAQMD

The SCAQMD has supported a number of activities directed to the advancement of new technologies and commercialization of zero and near-zero emission technologies. The successful implementation of the Carl Moyer Program has accelerated and expanded the deployment of these cleaner technologies. The FARMER Program is an extension of the current Carl Moyer Program. The vehicles and equipment that are funded under the FARMER Program will operate for many years, providing long-term emission reductions in criteria air pollutants, toxic air contaminants and greenhouse gases.

Resource Impacts

CARB has tentatively allocated \$1,878,800 to the SCAQMD for the implementation of the FARMER Program. Of this amount, \$1,761,375 is designated for projects and \$117,425 for administrative and outreach efforts. These funds will be recognized into the Carl Moyer Program Fund (32) and the General Fund will be reimbursed up to \$117,425 for administrative and outreach efforts to implement the FARMER Program.

Attachment

Resolution

RESOLUTION NO. 18-_____

**A Resolution of the South Coast Air Quality Management District Board
Recognizing Revenue and Accepting Terms and Conditions of the
Funding Agricultural Replacement Measures for
Emission Reduction (FARMER) Grant Award**

WHEREAS, in September 2017, Governor Brown signed into law Assembly Bill (AB) 109 (Ting, Chapter 249, Statutes of 2017) and AB 134 (Committee on Budget, Chapter 254, Statutes of 2017), which together, appropriate \$135 million from the State Budget for Fiscal Year (FY) 2017-18 to the California Air Resources Board (CARB) for reducing criteria, toxic, and greenhouse gas (GHG) emissions from the agricultural sector;

WHEREAS, CARB developed the Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program Guidelines to meet the Legislature's objectives and help meet the State's criteria, toxic and greenhouse gas emission reduction goals;

WHEREAS, the funding for the FARMER Program comes from the following three sources: Greenhouse Gas Reduction Fund (GGRF), the Air Quality Improvement Fund (AQIF), and the Alternative and Renewable Fuel and Vehicle Technology Fund (ARFVTF);

WHEREAS, CARB has proposed an allocation of up to \$1,878,800 for the South Coast Air Quality Management District (SCAQMD) to implement projects pursuant to the FARMER Program Guidelines;

WHEREAS, there are specific legislative requirements (e.g., expenditure records, quantification methodology, annual reporting and disadvantaged/low income community investments) of the cap and trade proceeds that the SCAQMD will need to adhere to;

WHEREAS, the SCAQMD may have need to transfer funds to other air quality districts, or may be invited to accept FARMER funds through inter-district transfer;

NOW, THEREFORE, BE IT RESOLVED, the Governing Board hereby approves SCAQMD participation in the FARMER Program and acceptance of the FARMER grant revenue allocated and awarded to SCAQMD for eligible projects and project implementation in accordance with the legislative and applicable program requirements.

BE IT FURTHER RESOLVED that SCAQMD will comply with FARMER Program requirements as specified in the applicable FARMER Program Guidelines and the SCAQMD's FARMER Policies and Procedures Manual.

BE IT FURTHER RESOLVED that SCAQMD authorizes the Executive Officer to enter into contracts or grants with other California air quality districts to transfer funds to other districts or accept FARMER funds through inter-district transfer as necessary.

BE IT FURTHER RESOLVED, that the Executive Officer is hereby authorized and empowered to execute on behalf of SCAQMD grant agreements with CARB and all other necessary documents to implement and carry out the purposes of this Resolution.

Date

Denise Garzaro, Clerk of the Boards

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 6

PROPOSAL: Establish Special Revenue Fund, Recognize Revenue, and Issue Solicitations and Purchase Orders for Community Air Monitoring Stations Near Petroleum Refineries

SYNOPSIS: In December 2017, the Board approved Rule 1180, which requires major petroleum refineries to fund the installation and operation of refinery-related community air monitoring stations by January 1, 2020. These actions are to establish the Rule 1180 Special Revenue Fund (78), recognize revenue for Rule 1180 payments up to \$7,508,861 into the Rule 1180 Special Revenue Fund (78), and issue solicitations and purchase orders for data telemetry server software necessary for the planning and implementation of the community air monitoring stations near petroleum refineries.

COMMITTEE: Administrative, May 11, 2018; Recommended for Approval

RECOMMENDED ACTIONS:

1. Establish the Rule 1180 Special Revenue Fund (78).
2. Recognize revenue, upon receipt, up to \$7,508,861 into the Rule 1180 Special Revenue Fund (78) for the Rule 1180 initial and final payments for implementation of the community air monitoring stations.
3. Authorize the Procurement Manager, in accordance with SCAQMD Procurement Policy and Procedure, to issue solicitation(s) and purchase orders for software upgrades for the data telemetry system servers, including Microsoft Windows Server 2016 and Microsoft SQL Server 2016, in an amount not to exceed \$36,000.

Wayne Natri
Executive Officer

Background

Petroleum refineries are among the largest stationary sources of air pollution in the South Coast Air Basin (Basin). These sources process crude oil into various products, such as gasoline, diesel fuel, aviation fuel and other fuel oils. Crude oil consists of a complex mixture of hydrocarbon compounds with smaller amounts of impurities, including sulfur, nitrogen, organic acids, metals and various toxic compounds. The processing of crude oil at petroleum refineries can result in potential emissions of greenhouse gases, criteria pollutants, toxic air contaminants and other air pollutants. In recent years, community concerns over emissions from refineries and the potential for community exposure to air contaminants has increased, both from routine facility operations and potential releases due to upset conditions or emergency situations.

SCAQMD has conducted technology demonstration studies to assess the level of air toxics and criteria pollutants on-site and near refineries and compare levels of the shorter-duration sampling to estimated levels expected from reported annual emissions inventories. Ongoing work with optical remote sensing (ORS) and low-cost sensors continue to study air pollutants in communities that are near refineries. Refinery related sampling is also a component of the Multiple Air Toxic Exposure Study (MATES V), which will be conducted throughout 2018 and 2019.

Rule 1180, which was adopted in December 2017, requires real-time fenceline air monitoring systems and establishes a fee schedule to fund refinery-related community air monitoring systems that will provide air quality information to the public about levels of various criteria air pollutants, volatile organic compounds, metals and other compounds at or near the property boundaries of petroleum refineries and in nearby communities.

In accordance with Rule 1180 requirements, staff will develop a draft plan for community air monitoring systems that will be made available for public review prior to Board consideration of the draft plan. Rule 1180 payments totaling \$7,508,861 will be received from the eight major petroleum refineries in the Basin for the planning and implementation of the community air monitoring in two installments - on July 1, 2018 and January 30, 2019. Beginning in January 2020, the refineries will also pay for annual operating and maintenance costs for community air monitoring pending amendments to Rule 301-Fees.

Proposal

These actions are to establish the Rule 1180 Special Revenue Fund (78) and recognize revenue up to \$7,508,861 into the Rule 1180 Special Revenue Fund (78) for the Rule 1180 initial and final payments for implementation of the community air monitoring stations. As plans are further developed, staff will request Board consideration of additional transfers and appropriations from the Rule 1180 fund for equipment, additional staff and other services and supplies.

Proposed Purchases through Solicitation Process

The SCAQMD data telemetry system servers require additional software to allow for the expansion needed to process the additional data from the Rule 1180 community air monitoring stations. Each of the system's 24 processing cores require software for both the Microsoft Windows Server 2016 operating system and the Microsoft SQL Server 2016 relational database. The Procurement Manager will issue one or more solicitations, as appropriate, to solicit formal bids, in accordance with SCAQMD's Procurement Policy and Procedure. Based on the results of the formal bid, one or more purchase orders will be issued to purchase the software licenses for the 24 cores in an amount not to exceed \$36,000.

Benefits to SCAQMD

Funding for the implementation of Rule 1180 will allow SCAQMD to fulfill the requirements of Rule 1180 and the legislative directives of AB 1647, which will result in benefits to environmental justice communities and others working and residing in the Basin.

Resource Impacts

Initial and final payments required from petroleum refineries under Rule 1180 will provide sufficient resources to plan and establish the required community air monitoring program. The proposed amendment to Rule 301 will provide sufficient resources for ongoing community air monitoring operation and maintenance beginning in FY 2019-20.

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 7

PROPOSAL: Execute Contract for Removal and Replacement of Parking Structure Waterproof Coating

SYNOPSIS: The current vehicular traffic waterproofing membrane on the parking structure at SCAQMD's Headquarters is in decline, allowing water migration through cracks and tears into the lower level of the parking structure. This action is to execute a contract with Kitson Contracting Inc. for the removal and replacement of the parking structure waterproof coating for an amount not to exceed \$334,400 from District General's FY 2018-19 Budget.

COMMITTEE: Administrative, May 11, 2018; Recommended for Approval

RECOMMENDED ACTION:

Authorize the Executive Officer to execute a contract with Kitson Contracting Inc. for the removal and replacement of the parking structure waterproof coating at SCAQMD Headquarters in an amount not to exceed \$334,400 from District General's FY 2018-19 Budget, Services and Supplies Major Object, Building Maintenance Operation Account.

Wayne Nasti
Executive Officer

AJO:BJ:lm

Background

The parking structure at SCAQMD Headquarters was erected during construction of the building in 1991. At that time, a waterproof membrane was applied to the upper level parking deck to prevent water migration and damage to the concrete parking structure. The waterproof membrane on the parking structure has exceeded the projected product life expectancy of 15 years and is starting to erode. The deterioration of the waterproof membrane is primarily due to age, UV exposure, vehicular traffic, and seismic activity. This condition has allowed multiple areas of water migration into the fleet parking area below. Staff is recommending the removal of the existing waterproof membrane and replacement with a UV resistant polyurethane traffic coating system.

On January 5, 2018, RFP #P2018-04R was released to solicit proposals from qualified contractors for resurfacing the upper deck of the SCAQMD parking structure.

Outreach

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

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

Proposal Evaluation

Thirty-two copies of the RFP were sent to prospective contractors, and 23 contractors attended the mandatory bidders' conference on January 31, 2018. Four proposals were received when final bidding closed at 2:00 p.m., February 13, 2018. Three of the proposals received were complete and met RFP requirements.

The four-member evaluation panel consisted of a Sika Corporation representative and three SCAQMD employees. The SCAQMD employees include a Building Supervisor, an Air Quality Specialist, and a Principal Air Quality Instrument Specialist. Of the panel members, two are Caucasian, one is Asian, and one is African American; three are male and one is female.

The panel evaluated all qualified responsive proposals based on criteria specified in the RFP, which included completeness of response, cost, understanding of requirements, contractor qualifications, and references regarding past experience.

The attached evaluation of proposals provides the scores of the qualified bids. Kitson Contracting Inc. (Kitson) submitted the highest-rated qualified bid, which included excellent references for comparable qualifications relative to the scope of work. Kitson also proposed the lowest cost. Accordingly, staff recommends entering into a contract with Kitson for this project.

Resource Impacts

Sufficient funds are available in District General's FY 2018-19 Budget, Services and Supplies Major Object, Building Maintenance Operation Account.

Attachment

Evaluation of Proposals for RFP #P2018-04R - SCAQMD Parking Deck Renovation

**ATTACHMENT
EVALUATION OF PROPOSALS FOR RFP P#2018-04R**

SCAQMD PARKING DECK RENOVATION

Bidder	Technical Score	Cost Score	Additional Points	Total Score
Kitson Contracting Inc.	71	30	17	118
Patriot Contracting Inc.	60	26	10	96
Howard Ridley Company Inc.	60	20	15	95

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 8

PROPOSAL: Recognize Revenue and Appropriate Funds for AB 617 Implementation

SYNOPSIS: In January 2018, the Board recognized \$10.7 million upon receipt from CARB and approved the appropriations of funds into the FY 2017-18 Budget for AB 617 implementation. This action is to recognize up to an additional \$100,000 upon receipt in the General Fund and to appropriate funds in the FY 2017-18 or FY 2018-19 Budget for AB 617.

COMMITTEE: Administrative, May 11, 2018; Recommended for Approval

RECOMMENDED ACTIONS:

1. Recognize revenue up to \$100,000 upon receipt from CARB and appropriate \$100,000 into District General's FY 2017-18 or FY 2018-19 Budget, Services and Supplies Major Object, for AB 617 expenditures.
2. Authorize the Executive Officer to appropriate into the FY 2018-19 Budget any AB617 Services and Supplies and Capital Outlays appropriations approved by the Board in January 2018, but not appropriated in FY 2017-18.

Wayne Natri
Executive Officer

JW

Background

AB 617 is a very important statewide program that will enable enhanced efforts related to community engagement, and strengthen our ability to reduce emissions and improve public health in environmental justice areas. The major elements of this new program include: identification and prioritization of communities that will receive emission monitoring and/or emission reduction plans; rule development to ensure that facilities in the state greenhouse gas cap and trade program install Best Available Retrofit Control Technology; development of a statewide emission reporting system for criteria, toxic, and greenhouse gas emissions for facilities in the state greenhouse gas cap and trade program, and improved transparency and access to information.

AB 109 provided \$25 million statewide for the first year of AB 617 implementation. SCAQMD's portion of the funding is \$10.8 million. In January 2018, the Board recognized \$10.7 million and authorized several actions to help support the increased work that this program requires. These actions are necessary to recognize the remaining \$100,000 that SCAQMD can receive from CARB and to allow AB 617 expenditures approved by the Board in January 2018 for FY 2017-18 but not appropriated, to be appropriated in FY 2018-19.

Proposal

Staff is seeking Board approval to recognize in the General Fund up to \$100,000 of additional AB 617 funding from CARB and appropriate \$100,000 into District General's FY 2017-18 or FY 2018-19 Budget, Services and Supplies Major Object for AB 617 implementation. Staff is also seeking approval to appropriate in FY 2018-19 any AB617 Services and Supplies and Capital Outlays expenditures approved by the Board in January 2018 but not appropriated in FY 2017-18.

Benefits to SCAQMD

The appropriations and additional funding will help support SCAQMD efforts to fulfill the legislative directives of AB 617.

Resource Impacts

The appropriations and additional funding of \$100,000 from CARB's Community Air Protection Program under AB 617, together with \$10.7 million of AB 617 funding recognized by the Board in January 2018, will provide sufficient resources to implement SCAQMD's AB 617 program for the first year.

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 9

PROPOSAL: Approve Contract Awards and Modification as Approved by MSRC

SYNOPSIS: As part of their FYs 2016-18 Work Program, the MSRC approved new contracts under the Natural Gas Infrastructure, Local Government Partnership, and County Transportation Commission Partnership Programs. The MSRC also approved a modification to a contract under the Major Event Center Transportation Program as part of their FYs 2016-18 Work Program. At this time the MSRC seeks Board approval of the contract awards and modification.

COMMITTEE: Mobile Source Air Pollution Reduction Review, May 17, 2018, Recommended for Approval

RECOMMENDED ACTIONS:

1. Approve contract award to El Dorado National in an amount not to exceed \$100,000 to install a new limited access CNG station, as part of approval of the FYs 2016-18 Work Program;
2. Approve contract awards totaling \$688,900 under the Local Government Partnership Program, as part of approval of the FYs 2016-18 Work Program, as described in this letter and as follows:
 - a. A contract with the City of Pico Rivera in an amount not to exceed \$83,500 to install electric vehicle charging infrastructure;
 - b. A contract with the City of Mission Viejo in an amount not to exceed \$115,690 to procure up to two light-duty zero-emission vehicles, install electric vehicle charging infrastructure, and expand an existing CNG fueling station;
 - c. A contract with the City of Torrance in an amount not to exceed \$187,400 to procure up to four heavy-duty near-zero-emission vehicles and install electric vehicle charging infrastructure;
 - d. A contract with the City of Lomita in an amount not to exceed \$32,750 to procure a light-duty zero-emission vehicle, install bicycle racks, and install bicycle roadway improvements;
 - e. A contract with the City of Chino Hills in an amount not to exceed \$30,000 to procure up to two light-duty zero-emission vehicles and install electric vehicle charging infrastructure; and
 - f. A contract with the City of Anaheim in an amount not to exceed \$239,560 to procure up to nine light-duty zero-emission vehicles and up to two medium/heavy-duty zero-emission vehicles;

3. Approve sole source contract award to Los Angeles County Metropolitan Transportation Authority in an amount not to exceed \$2,000,000 for the purchase of up to 40 zero-emission transit buses, under the County Transportation Commission (CTC) Partnership Program, as part of the approval of the FYs 2016-18 Work Program;
4. Approve modified contract award to Los Angeles County Metropolitan Transportation Authority under the Major Event Center Transportation Program, modifying the train service to be provided in support of “cross-town rivalry” games at Dodger Stadium with the Los Angeles Angels of Anaheim, by using regular service instead of special service for inbound riders on Friday, July 13, and changing the origination point for inbound service on July 14 and 15 from Oceanside to Laguna Niguel, as part of approval of the FYs 2016-18 Work Program,
5. Authorize MSRC the authority to adjust contract awards up to five percent, as necessary and previously granted in prior work programs; and
6. Authorize the Chairman of the Board to execute the new and modified contracts under the FYs 2016-18 Work Program, as described above and in this letter.

Larry McCallon,
Chair, MSRC

MMM:FM:CR

Background

In September 1990, Assembly Bill 2766 was signed into law (Health & Safety Code Sections 44220-44247) authorizing the imposition of an annual \$4 motor vehicle registration fee to fund the implementation of programs exclusively to reduce air pollution from motor vehicles. AB 2766 provides that 30 percent of the annual \$4 vehicle registration fee subvented to the SCAQMD be placed into an account to be allocated pursuant to a work program developed and adopted by the MSRC and approved by the Board.

At its May 17, 2018 meeting, the MSRC considered recommended awards under the Natural Gas Infrastructure, Local Government Partnership, and County Transportation Commission Partnership Programs. The MSRC also considered a modification to a contract under the Major Event Center Transportation Program. Details are provided below in the Proposals section.

Outreach

In accordance with SCAQMD’s Procurement Policy and Procedure, public notices advertising the Natural Gas Infrastructure Program Announcement and Local Government Partnership Invitation to Negotiate were published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County Press Enterprise newspapers to leverage the most cost-effective method of outreach to

the South Coast Basin. In addition, the solicitations were advertised in the Desert Sun newspaper for expanded outreach in the Coachella Valley.

Additionally, potential bidders may have been notified utilizing SCAQMD's own electronic listing of certified minority vendors. Notice of the solicitations was e-mailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations, and placed on the Internet at SCAQMD's website (<http://www.aqmd.gov>). Further, the solicitations were posted on the MSRC's website at <http://www.cleantransportationfunding.org> and electronic notifications were sent to those subscribing to this website's notification service.

Proposals

At its May 17, 2018 meeting, the MSRC considered recommendations from its MSRC-TAC and approved the following:

FYs 2016-18 Natural Gas Infrastructure Program

The MSRC approved the release of Program Announcement #PA2017-07 under the FYs 2016-18 Work Program. The Program Announcement, with a targeted funding level of \$4.0 million, provides funds for new and expanded natural gas stations, as well as for the upgrade of existing vehicle maintenance facilities and technician training. Stations will be eligible for up to 50 percent of station capital equipment, site construction, signage, and reasonable project management costs, not to exceed the specified maximum award amounts. The maximum MSRC funding per project varies from \$100,000 to \$275,000 depending upon whether the applicant is a public or private entity, the accessibility level of the proposed project, and the number of fuels offered. Additionally, projects may be eligible for a \$100,000 bonus if they commit to use at least 50% renewable natural gas for a minimum of five years. The RFP includes an open application period commencing with its release on June 2, 2017, and closing June 29, 2018. To date, the MSRC has awarded a total of \$1,056,500. The MSRC considered recommendations concerning an additional application for the installation of a limited access CNG station. The MSRC unanimously approved a contract award to El Dorado National in an amount not to exceed \$100,000 as part of the FYs 2016-18 Work Program.

FYs 2016-18 Local Government Partnership Program

The MSRC approved the release of Local Government Partnership PON2018-01 under the FYs 2016-18 Work Program. The Invitation to Negotiate (ITN), with a targeted funding level of \$21,180,650, focuses on providing funds for projects to support SCAQMD's 2016 AQMP. Cities and counties which have opted into the AB 2766 motor vehicle registration surcharge fee program are eligible to participate. The majority of participants would be allocated maximum funding equivalent to their annual AB 2766 Subvention Fund allocation; however, those whose annual Subvention Fund allocation is less than \$50,000 would be eligible to receive a maximum of \$50,000, and the maximum allocation for any single city or county would be \$3,000,000.

MSRC funding could be used for light-duty zero emission vehicle purchases and leases, medium- and heavy-duty zero emission vehicle purchases, near-zero emission heavy-duty alternative fuel vehicle purchases and repower, electric vehicle charging station installation, and construction or expansion of alternative fuel refueling infrastructure, subject to match funding requirements as outlined in the ITN. Additionally, those jurisdictions eligible for a maximum contribution of \$50,000 would have the option to pursue traffic signal synchronization, bicycle active transportation, and first mile/last mile strategies. The ITN includes an open application period commencing with its release on September 1, 2017, and closing August 2, 2018. The MSRC previously approved awards totaling \$5,863,716 in response to this solicitation. The MSRC approved six additional awards as part of the FYs 2016-18 Work Program, as follows:

- a. A contract with the City of Pico Rivera in an amount not to exceed \$83,500 to install electric vehicle charging infrastructure;
- b. A contract with the City of Mission Viejo in an amount not to exceed \$115,690 to procure up to two light-duty zero-emission vehicles, install electric vehicle charging infrastructure, and expand an existing CNG fueling station;
- c. A contract with the City of Torrance in an amount not to exceed \$187,400 to procure up to four heavy-duty near-zero-emission vehicles and install electric vehicle charging infrastructure;
- d. A contract with the City of Lomita in an amount not to exceed \$32,750 to procure a light-duty zero-emission vehicle, install bicycle racks, and install bicycle roadway improvements;
- e. A contract with the City of Chino Hills in an amount not to exceed \$30,000 to procure up to two light-duty zero-emission vehicles and install electric vehicle charging infrastructure; and
- f. A contract with the City of Anaheim in an amount not to exceed \$239,560 to procure up to nine light-duty zero-emission vehicles and up to two medium/heavy-duty zero-emission vehicles.

FYs 2016-18 County Transportation Commission Partnership Program

The MSRC approved release of an Invitation to Negotiate for the CTC Partnership Program under the FYs 2016-18 Work Program. The ITN, with a targeted funding level of \$8,000,000, seeks to stimulate the demonstration of innovative projects, as well as expand “tried and true” air quality improvement strategies. CTCs within SCAQMD are eligible to participate. Other public and private entities could participate as subcontractors to a CTC. Each CTC is eligible to receive a maximum of \$2,000,000 on a sole-source contract award basis. Eligible project types include, but are not necessarily limited to: capital improvement projects, capital purchase projects including fleet vehicle purchases that meet, at a minimum, ARB’s optional 0.02 g/bhp-hr NOx emissions standard, traffic signal coordination, ridesharing programs, active transportation programs including bicycle sharing projects, transit pass incentive programs, freeway service patrols, first mile/last mile strategies, and information technology projects that focus on air quality improvement.

The ITN includes an open application period commencing with its release on December 1, 2017, and closing June 29, 2018. The MSRC previously approved awards totaling \$4,000,000 in response to this solicitation. The MSRC considered recommendations concerning a work plan submitted by Los Angeles County Metropolitan Transportation Authority (LA Metro). LA Metro proposes to apply \$2,000,000 towards the purchase of 40 zero-emission transit buses. The MSRC approved a contract award to LA Metro in an amount not to exceed \$2,000,000 as part of the CTC Partnership Program under the FYs 2016-18 work program.

FYs 2016-18 Major Event Center Transportation Program

In March 2018, the MSRC approved an award to LA Metro to provide special bus and train service to Dodger Stadium for 2018. The train service was to be provided in support of “cross-town rivalry” games when the Dodgers play the Los Angeles Angels of Anaheim. Subsequent to the award, Metro discovered that because the games fall during the Friday through Sunday timeframe this year, railroad track scheduling conflicts prevent them from providing the service in the manner originally described. Metro proposes the use of regular Metrolink service, rather than special service, for inbound riders on Friday, July 13. Metro further proposes that the inbound special service on July 14 and 15 start from Laguna Niguel, rather than Oceanside. There would be no change to any outbound train service. The MSRC considered and approved LA Metro’s requested modifications to the project.

Sole Source Justification

As an element of its FYs 2016-18 Work Program, the MSRC allocated \$8 million for a program to stimulate the development of innovative projects, as well as expand “tried and true” air quality improvement strategies. As discussed in Proposals above, this program will be implemented by initiating sole-source contracts with CTCs. While the MSRC and SCAQMD strive to retain technical services on a competitive basis, the SCAQMD’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. LA Metro is the primary transit provider for Los Angeles County. Thus, LA Metro is the entity responsible for procuring buses to provide transit service in their jurisdiction. This request for a sole source award is made under provision VIII.B.2.c.(1): The desired services are available from only the sole source due to the unique experience and capabilities of the proposed contractor or contractor team.

Resource Impacts

The SCAQMD 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.

[↑ Back to Agenda](#)

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 10

REPORT: Legislative, Public Affairs and Media Report

SYNOPSIS: This report highlights the April 2018 outreach activities of the Legislative, Public Affairs and Media Office, which include: an Environmental Justice Update, Community Events/Public Meetings, Business Assistance, Media Relations and Outreach to Business and Federal, State, and Local Government.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Wayne Natri
Executive Officer

DJA:LTO:DM

BACKGROUND

This report summarizes the activities of the Legislative, Public Affairs and Media Office for April 2018. The report includes five major areas: Environmental Justice Update; Community Events/Public Meetings (including the Speakers Bureau/Visitor Services, Communications Center, and Public Information Center); Business Assistance; Media Relations; and Outreach to Business and Governments.

ENVIRONMENTAL JUSTICE UPDATE

The following are key environmental justice-related activities in which staff participated during April 2018. These events involve communities which suffer disproportionately from adverse air quality impacts.

April 7

Staff served on a panel to discuss air pollution and health impacts at the Healthy Future for Southeast Los Angeles Community Symposium, held by the Council of Mexican Federations in North America at the South Gate Park Auditorium.

COMMUNITY EVENTS/PUBLIC MEETINGS

Each year SCAQMD 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 SCAQMD 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;
- SCAQMD incentive programs;
- Ways to participate in SCAQMD's rule and policy development; and,
- Assistance in resolving air pollution-related problems.

SCAQMD staff attended and/or provided information and updates at the following events:

April 5

- Assembly Member Eloise Gomez-Reyes AB 617 Community Meeting, Ruben Campos Community Center, San Bernardino.

April 7

- Cucamonga Valley Water District, Frontier Project Earth Day Event, Rancho Cucamonga.
- Assembly Member Sharon Quirk-Silva, Community Health Resource Fair , Buena Park.

April 10

- SCAQMD Community Meeting, AB 134 & AB 617, San Manuel Gateway College - Loma Linda University, San Bernardino.

April 12

- Assembly Member Al Muratsuchi Town Hall Meeting, AB 617, El Camino Community College, Torrance

April 14

- Bolsa Chica Earth Day Festival, Bolsa Chica Ecological Reserve, Huntington Beach.
- City of Diamond Bar, 29th Birthday Event, Pantera Park.
- Supervisor Hilda L. Solis, Earth Day Community Clean Up Event, Obregon Park, Los Angeles.

April 17

- SCAQMD Community Meeting, AB 134 & AB 617, Brookhurst Community Center, Anaheim.

April 18

- Cities of Rolling Hills Estates, Earth Day Celebration Event, Promenade on the Peninsula.

April 18-19

- Inland Empire Utilities Agency/City of Chino, Earth Day Event, Chino Creek Wetlands and Educational Park.

April 19

- City of Colton, Earth Day Event, Colton City Hall.

April 20

- Bear Valley Earth Day Event, Bear Valley Electric.
- Potrero Heights Community Senior Fair, Potrero Senior Center

April 21

- City of Monterey Park Earth Day Festival & Eco-Summit, Barnes Park.

April 22

- City of Claremont, 10th Annual Earth Day Celebration Event & CicLAvia, Claremont Village.

April 23

- Estelle Van Meter Senior Center, Earth Day Event, Los Angeles.

April 28

- 2018 Arbor Day Celebration, Victory Vineland Recreation Center, North Hollywood.
- SCAQMD Refinery Committee Meeting, Torrance City Council Chambers.

April 30

- Hybrid Ford Police Car Test Event, Fontana Speedway.

SPEAKERS BUREAU/VISITOR SERVICES

SCAQMD 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. SCAQMD also hosts visitors from around the world who meet with staff on a wide range of air quality issues.

April 11

- Staff participated in a student phone interview regarding air pollution and studies about the impacts it has in this country, with a class of fifth grade students at the Vista Academy of Visual Performing Arts in Vista.

April 24

- Staff attended, spoke, and answered questions about what students can do in the environmental field to reduce air pollution, and what the SCAQMD currently does to reduce smog, at an Earth Day event for the Associated Student Government at Santa Ana College.

April 25

- Staff provided information regarding employment opportunities at the SCAQMD to college students at a Career Fair, at California State University, Los Angeles.

COMMUNICATION CENTER STATISTICS

The Communication Center handles calls on SCAQMD’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 April were:

Calls to SCAQMD’s Main Line and 1-800-CUT-SMOG® Line	3,256
Calls to SCAQMD’s Spanish-language Line	<u>15</u>
Total Calls	3,271

PUBLIC INFORMATION CENTER STATISTICS

The Public Information Center (PIC) handles phone calls and walk-in requests for general information. Information for the month of April is summarized below:

Calls Received by PIC Staff	112
<u>Calls to Automated System</u>	<u>692</u>
Total Calls	804
 Visitor Transactions	 255
Email Advisories Sent	13,372

BUSINESS ASSISTANCE

SCAQMD notifies local businesses of proposed regulations so they can participate in the agency’s rule development process. SCAQMD 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. The information is summarized below:

- Provided permit application assistance to 251 companies
- Issued 62 clearance letters; and
- Conducted 14 free on-site consultations.

Types of businesses assisted

Auto Body Shops	Dry Cleaners	Furniture Refinishing Facilities
Plating Facilities	Gas Stations	Engineering, Construction, & Architecture Firms
Auto Repair Centers	Restaurants	
Manufacturing Facilities	Printing Facilities	

MEDIA RELATIONS

The Media Office handles all SCAQMD outreach and communications with television, radio, newspapers and all other publications and media operations.

Total Media Inquiries: 122
 Press Releases Issued: 2

Major Media Topics for April

All inquiries closed unless noted as pending

- **Facility-Based Mobile Source Measures:** The L.A. Times and KPCC radio inquired about the history of SCAQMD’s indirect source measures and the status of SCAQMD’s facility-based measures.
- **April 28 Refinery Committee meeting:** The Daily Breeze asked for information prior to the April 28 Refinery Committee meeting. Staff outlined key points of the meeting and the proposed process for new rules. The Daily Breeze, Bloomberg/BNA and L.A./OC Building Trades News attended and covered the meeting.
- **Ozone Exceedance:** KPCC asked about comparing NOx inventories from different AQMPs, but staff explained such a comparison would be inaccurate, and instead provided NOx inventories from the 2016 AQMP for 2012, 2018 and future years.
- **Sales Tax Proposal:** KQED requested a copy of the presentation regarding the SCAQMD Sales Tax Proposal at the Legislative Committee in March. Staff directed the reporter to the presentation online.

- **Odors:** The (Seal Beach) Sun News and KPCC inquired regarding odors along the coastal area. The Los Angeles Fire Department determined that the source of the odors was a naturally-occurring "methane burp" given off by coastal wetlands/the ocean.
- **Cedars-Sinai Air Pollution Health Effects Study:** Cedars-Sinai contacted SCAQMD to collaborate on a press release regarding a health study for which SCAQMD had provided a portion of funding. Staff provided a quote for a press release by Cedars Sinai.
- **RECLAIM:** IWP News inquired whether the Board had decided to appeal the RECLAIM court decision regarding RECLAIM amendments in 2015. Staff sent the most recent SCAQMD legal briefs related to the appeal.
- **E-highway:** Civil Engineering Magazine inquired regarding the timeline for implementation of the e-highway project conducted with Siemens.
- **American Lung Association (ALA) State of the Air Report:** KNBC-TV and Annenberg Media requested a response to the recently released ALA report on Los Angeles's air quality. Staff responded with a written statement.
- **Environmental Justice and Air Pollution:** Staff participated in a live radio podcast on Air Quality and Environmental Health, for Good News Radio Magazine, in association with Healthy African American Families.
- **Aliso Canyon:** KPCC requested an update on Aliso Canyon and Porter Ranch, regarding recent efforts in mobile monitoring. Staff shared recent reports from the SCAQMD website.
- **AQ-SPEC:** S&P Global Market Intelligence interviewed staff regarding the AQ-SPEC and current state of air quality technology.

Media Campaigns

The Right to Breathe

The Google AdWords campaign received 5,524 clicks, 5,234,007 impressions, and 2,118,344 views during April.

The Right to Breathe Signature Film update

DVDs have been distributed to staff for presentation at public meetings or events.

News Releases & Media Advisories Issued

- Air Quality Study Initiated to Analyze Cancer Risks Related to Air Pollution in Southland - April 13, 2018.
- Refinery Committee Directs Development of Measures to Further Reduce Risk of Toxic Chemical at Two South Bay Refineries - April 29, 2018.

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

Field visits and/or communications were conducted with elected officials or staff from the following cities:

Alhambra	Fountain Valley	Pomona
Anaheim	Fullerton	Redondo Beach
Arcadia	Garden Grove	Rialto
Azusa	Glendora	Rolling Hills Estates
Baldwin Park	Huntington Beach	Rosemead
Bell	Irvine	San Dimas
Burbank	La Cañada Flintridge	San Gabriel
Buena Park	La Habra	San Marino
Chino	La Puente	Sierra Madre
Claremont	La Verne	South El Monte
Covina	Lake Forest	South Gate
Colton	Laguna Niguel	South Pasadena
Costa Mesa	Los Angeles	Temple City
Cypress	Long Beach	Torrance
Diamond Bar	Lynwood	Walnut
Duarte	Monrovia	West Covina
El Monte	Monterey Park	
Fontana	Pasadena	

Visits and/or communications were conducted with elected officials or staff from the following state and federal offices:

- U.S. Congresswoman Judy Chu
- U.S. Congressman Ted Lieu
- U.S. Congresswoman Grace Napolitano
- Senator Ed Hernandez
- Senator Anthony Portantino
- Assembly Member Ed Chau
- Assembly Member Chris Holden
- Assembly Member Al Muratsuchi
- Assembly Member Eloise Gomez-Reyes
- Assembly Member Sharon Quirk-Silva

Staff represented SCAQMD and/or provided updates or a presentation to the following governmental agencies and business organizations:

Long Beach Health and Human Services Department
Orange County Council of Governments
Orange County Business Council
Orange County Transportation Authority
San Gabriel Valley Council of Governments
San Gabriel Valley Economic Partnership
South Bay Association of Chambers of Commerce
South Pasadena Chamber of Commerce

Staff represented SCAQMD and/or provided updates or a presentation to the following community and educational groups and organizations:

750 South Olive Apartments, Los Angeles
American Lung Association
Ahmanson Senior Citizen Center, Los Angeles
AltaMed, West Covina
Alpert Jewish Community Center, Long Beach
All Peoples Christian Center, Los Angeles
Angelus Plaza Senior Activity Center, Los Angeles
Arcadia Senior Center
Betty Hill Senior Center, Los Angeles
Boyle Heights Senior Citizen Center, Los Angeles
California State University, Los Angeles
Carson YMCA Senior Center
Centro Maravilla Service Center, Los Angeles
Council of Mexican Federations, Los Angeles
Culver City Senior Center
El Santo Nino Senior Center, Los Angeles
East Rancho Dominguez Services Center
El Sereno Senior Center, Los Angeles
Faithful Central Bible Church, Inglewood
Figueroa Senior Housing Apartments
Garvey Community Center, Rosemead
Golden Glory Senior Organization, Los Angeles
Griffith Park Adult Community Center, Los Angeles
Glendale Adult Recreation Center
Hawthorne Senior Center
Highland Park Adult Senior Center, Los Angeles
Hoover Senior Apartments, Los Angeles
Independence Square Senior Center, Los Angeles
Interfaith Sustainability Council, Claremont
Jessie Terry Manor Apartments, Los Angeles
Jewish Home for the Aging, Reseda
Joslyn Senior Center, Alhambra
Julia McNeill Senior Center, Baldwin Park
Kilgore Manor, Los Angeles
Lawndale Senior Center
Lincoln Heights Senior Center, Los Angeles
Little Tokyo Service Center, Los Angeles
Long Beach Senior Center
Long Beach Jewish Center
Mark Keppel High School, Monterey Park
Monrovia Community Center

Monterey Park Langley Senior Center
Monterey Park Environmental Commission
Mt. Carmel Senior Center, Los Angeles
Normandie Senior Center
Potrero Heights Senior Center
Royal Oaks Senior Living Community, Pasadena
Temple CME Church, Los Angeles
Theresa Lindsay Senior Center, Los Angeles
Santa Ana College
Saint Barnabas Senior Center, Los Angeles
San Gabriel Senior Center
San Gabriel Parks and Recreation Department
San Pedro Service Center
Slauson Multi-Purpose Center, Los Angeles
South Pasadena Senior Center
SRO Housing Corporation, James Wood Community Center, Los Angeles
St. John Baptist Church, Los Angeles
Stoval Terrace, Los Angeles
Sustainable Claremont
Vermont Senior Housing
Vineyard Recreation Center/Senior Center, Los Angeles
Weingart Senior Center, Lakewood
Westminster Garden Retirement Community, Duarte
Wise & Health Aging, Santa Monica
Willowbrook Senior Center, Los Angeles

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BOARD MEETING DATE: June 1, 2018

AGENDA NO. 11

REPORT: Hearing Board Report

SYNOPSIS: This reports the actions taken by the Hearing Board during the period of April 1 through April 30, 2018.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Julie Prussack
Chairman of Hearing Board

DG

Two summaries are attached: **April 2018 Hearing Board Cases and Rules From Which Variances and Orders for Abatement Were Requested in 2018**. An Index of District Rules is also attached.

The total number of appeals filed during the period April 1 to April 30, 2018 is 0; and total number of appeals filed during the period of January 1 to April 30, 2018 is 0.

Report of April 2018 Hearing Board Cases

Case Name and Case No. (SCAQMD Attorney)	Rules	Reason for Petition/Hearing	District Position/ Hearing Board Action	Type and Length of Variance or Order	Excess Emissions
1. Bicent (California) Malburg LLC Case No. 5727-4 (S. Hanizavareh)	203(b) 2004(f)(1) 3002(c)(1)	Requested permission to test and tune the upgraded control software on its turbines.	Not Opposed/Granted	SV granted commencing 4/5/18 and continuing through 4/30/18.	NOX and CO TBD by 4/20/18
2. City of Rialto (Owner) and Veolia Water West Operating Services (Operator) Case No. 6105-1 (D. Hsu)	203(b) 431.1(c)(2)	Requested relief from recent and unanticipated increases in sulfurous compounds in the digester gas at its wastewater treatment facility.	Not Opposed/Granted	Ex Parte EV granted commencing 4/25/18 and continuing until compliance is achieved or until the SV hearing currently scheduled for 5/15/18, whichever comes first.	H2S TBD by 5/10/18
3. Frito-Lay, Inc. Case No. 5141-6 (B. Tomasovic)	203(b) 2004(f)(1) 3002(c)(1)	Petitioner exceeding emissions limits with newly installed emission control devices on one of its corn chip lines.	Not Opposed/Granted	RV granted commencing 4/4/18 and continuing through 12/31/18, the FCD.	VOC: 1.85 lbs/day
4. Los Angeles City Sanitation Bureau, Hyperion Treatment Plant Case No. 1212-37 (M. Reichert)	203(b) 431.1(c)(2) 3002(c)(1)	Requested permission to combust gas with sulfur content greater than 40 ppm in order to perform necessary maintenance.	Not Opposed/Granted	SV granted for a period of four days in a window of time commencing on 4/30/18 through 5/31/18.	SOx: 165 lbs/day

Acronyms

AOC: Alternative Operating Conditions
 CEMS: Continuous Emissions Monitoring System
 CO: Carbon Monoxide
 EV: Emergency Variance
 FCD: Final Compliance Date
 H&S: Health and Safety Code
 H2S: Hydrochloric Sulfide
 Mod. O/A: Modification Order for Abatement
 N/A: Not Applicable
 NOx: Oxides of Nitrogen
 O/A: Order for Abatement
 PM: Particulate Matter
 PPM: Parts Per Million
 RV: Regular Variance
 SOx: Oxides of Sulfur
 SV: Short Variance
 TBD: To Be Determined
 VOC: Volatile Organic Compounds

Rules from which Variances and Orders for Abatement were Requested in 2018

	2018	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Actions
# of HB Actions Involving Rules														
109(c)(1)				1										1
203(a)				2										2
203(b)		2	4	2	4									12
431.1(c)(2)					2									2
1110.2(d)(1)(L)				1										1
1147(c)(1)		1												1
1407				1										1
1420.2				2										2
2004(f)(1)		2	3		2									7
2011(c)(2)(A)		1												1
2011(c)(2)(B)		1												1
2011(e)(1)		1												1
2012(c)(2)(A)		1												1
2012(c)(2)(B)		1												1
2012(g)(1)		1												1
3002(c)		1												1
3002(c)(1)		1	3		3									7

**DISTRICT RULES AND REGULATIONS INDEX
FOR 2018 HEARING BOARD CASES AS OF APRIL 30, 2018**

REGULATION I – GENERAL PROVISIONS

Rule 109 Recordkeeping for Volatile Organic Compound Emissions

REGULATION II – PERMITS

Rule 203 Permit to Operate

REGULATION IV –

Rule 431.1 Sulfur Content of Gaseous Fuels

REGULATION XI - SOURCE SPECIFIC STANDARDS

Rule 1110.2 Emissions from Gaseous- and Liquid-Fueled Internal Combustion Engines

Rule 1147 NOx Reductions from Miscellaneous Sources

REGULATION XIV – TOXICS AND OTHER NON-CRITERIA POLLUTANTS

Rule 1407 Control of Emissions of Arsenic, Cadmium, and Nickel from Non-Ferrous Metal Melting Operations

Rule 1420.2 Emission Standard for Lead from Metal Melting 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

REGULATION XXX - TITLE V PERMITS

Rule 3002 Requirements

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BOARD MEETING DATE: June 1, 2018

AGENDA NO. 12

REPORT: Civil Filings and Civil Penalties Report

SYNOPSIS: This reports the monthly penalties from April 1 through April 30, 2018, and legal actions filed by the General Counsel's Office from April 1 through April 30, 2018. An Index of District Rules is attached with the penalty report.

COMMITTEE: Stationary Source, May 18, 2018, Reviewed

RECOMMENDED ACTION:

Receive and file this report.

Bayron T. Gilchrist
General Counsel

BTG:ew

	<u>Civil Filings</u>	<u>Violations</u>
1.	Airport Five Star, Inc. Los Angeles Superior Court - Torrance Case No. YC072793; Filed 4.3.18 (BST) P61262, P65725, P65729, and P65748 R. 203 – Operating Without a Valid Permit to Operate R. 461 – Gasoline Transfer and Dispensing	2
2.	Mother's Market & Kitchen, Inc. Orange County Superior Court Case No. 30-2018-00987171-CU-MC-CJC; Filed 4.18.18 (BST) P64832, P64833, P64834, P64835, and P64837 R. 1415.1 – Reduction of Refrigerant Emissions from Stationary Refrigeration Systems	1

3 Violations

Attachments

April 2018 Penalty Report

Index of District Rules and Regulations

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

April 2018 Settlement Penalty Report

Total Penalties

Civil Settlements: \$135,562.63
MSPAP Settlements: \$46,884.00

Total Cash Settlements: \$182,446.63
Total SEP Value: \$0.00

Fiscal Year through 4 / 2018 Cash Total: \$9,976,576.43
Fiscal Year through 4 / 2018 SEP Value Only Total: \$2,120,000.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
Civil Settlements						
21829	AVALON MUN HOSP		4/5/2018	TRB		\$3,000.00
		1470			P60704	
184892	BLUE HORIZON CONSTRUCTION CORP.		4/12/2018	BST		\$1,500.00
		1403			P65903	
177658	BURNS ENVIRONMENTAL SERVICES		4/17/2018	BST		\$15,000.00
		1403			P64750 P65904 P65905	
145323	CAPISTRANO UNIFIED SCHOOL DISTRICT		4/19/2018	SMP		\$2,500.00
		1146.1 203 (a)			P64055 P64059	
174374	DAVITA AIRPORT DIALYSIS CLINIC		4/6/2018	WBW		\$4,517.00
		203			P66802	

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
127550	FOUR POINTS HOTEL	1415 203 222	4/4/2018	BST	P63684	\$2,200.00
152560	MAPLEWORKS REMODELING	203 (a)	4/4/2018	DH	P63710	\$5,000.00
120136	NATIONAL DEMOLITION CONTRACTORS	403	4/3/2018	WBW	P64568 P65257	\$1,650.00
163406	P.W. STEPHENS ENVIRONMENTAL INC	1403	4/17/2018	TRB	P61116	\$31,000.00
183408	PEP BOYS	1143	4/20/2018	WBW	P64809	\$42,995.63
74064	UNIFIED GROCERS INC	2202	4/12/2018	BST	P64822	\$9,500.00
800150	US GOVT, AF DEPT, MARCH AIR RESERVE BASE	2004(f)(1)	4/10/2018	BST	P64370	\$6,700.00
800393	VALERO WILMINGTON ASPHALT PLANT	1173 3002	4/11/2018	SH	P60359	\$10,000.00

Total Civil Settlements: \$135,562.63

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
MSPAP						
184714	CITY OF COACHELLA	403(d)(1) 403(d)(2)	4/4/2018	JS	P64757	\$2,700.00
181068	CITY OF SOUTH PASADENA	201 203 (a)	4/4/2018	GV	P64135	\$1,600.00
183429	COUNTY OF RIVERSIDE (RV0996)	203 (a)	4/12/2018	TF	P66552	\$2,000.00
183429	COUNTY OF RIVERSIDE (RV0996)	203 (a)	4/12/2018	TF	P66553	\$4,000.00
47771	DELEO CLAY TILE CO INC	2012	4/12/2018	GC	P56344	\$500.00
174205	DION AND SONS	461(c)(1)(B)	4/12/2018	GC	P65361	\$638.00
109659	EXCEL PAVING CO INC	461	4/5/2018	GC	P64206	\$638.00
121533	FABCON INC	1147 203 (a) 203 (b)	4/5/2018	GC	P60684	\$5,100.00
121533	FABCON INC	203 (b)	4/5/2018	GC	P60687	\$1,600.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
28830	G & M OIL #1		4/5/2018	GC		\$450.00
		461			P65735	
28830	G & M OIL #1		4/5/2018	GC		\$250.00
		461			P65718	
157896	G & M OIL CO, #186		4/5/2018	GC		\$810.00
		461			P64668	
107942	G & M OIL CO, LLC #31		4/5/2018	GC		\$843.00
		41960.2			P65719	
		461				
11998	GOODRICH CORPORATION		4/5/2018	GC		\$2,800.00
		203(b)			P63915	
183567	GS II, INC.		4/12/2018	GC		\$4,250.00
		1146			P61576	
		3002(c)(1)				
159107	HIGHLAND SPRINGS MEDICAL PLAZA		4/12/2018	GC		\$2,500.00
		1146.1			P56049	
174130	IMPERIAL ENERGY, SOUAD ELBAIALY		4/5/2018	GC		\$480.00
		203 (a)			P60095	
800429	KAISER FOUNDATION HOSPITAL		4/12/2018	GC		\$500.00
		3002(c)(1)			P65051	
185539	PACIFICORE CONSTRUCTION		4/12/2018	TF		\$800.00
		203(a)			P66659	
18960	PASADENA CITY COLLEGE		4/5/2018	TF		\$100.00
		1470			P65564	
		203 (b)				

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
184634	THREE D SERVICE	203 (a) PERP 2457 PERP 2459	4/5/2018	GV	P65371	\$11,250.00
181801	UNITED PACIFIC #5695	203 (b)	4/5/2018	GV	P64987	\$2,000.00
185723	URENO TREE SERVICE	203(a)	4/5/2018	TF	P63768	\$375.00
134696	VERIZON WIRELESS	203 (b)	4/12/2018	TF	P64764	\$100.00
178964	VILI GROUP INC	203(a)	4/5/2018	GV	P65731	\$600.00
Total MSPAP Settlements: \$46,884.00						

**DISTRICT'S RULES AND REGULATIONS INDEX
FOR APRIL 2018 PENALTY REPORT**

REGULATION II - PERMITS

- Rule 201 Permit to Construct
- Rule 203 Permit to Operate
- Rule 222 Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II

REGULATION IV – PROHIBITIONS

- Rule 403 Fugitive Dust - *Pertains to solid particulate matter emitted from man-made activities.*
- Rule 461 Gasoline Transfer and Dispensing

REGULATION XI - SOURCE SPECIFIC STANDARDS

- Rule 1143 Consumer Paint Thinners & Multi-Purpose Solvents
- Rule 1146 Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters
- Rule 1146.1 Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters
- Rule 1147 NOx Reductions from Miscellaneous Sources
- Rule 1173 Fugitive Emissions of Volatile Organic Compounds

REGULATION XIV - TOXICS

- Rule 1403 Asbestos Emissions from Demolition/Renovation Activities
- Rule 1415 Reduction of Refrigerant Emissions from Stationary Refrigeration and Air Conditioning Systems
- Rule 1470 Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines

REGULATION XX REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

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

REGULATION XXII ON-ROAD MOTOR VEHICLE MITIGATION

Rule 2202 On-Road Motor Vehicle Mitigation Options

REGULATION XXX TITLE V PERMITS

Rule 3002 Requirements

Rule 3003 Applications

CALIFORNIA HEALTH AND SAFETY CODE

41960.2 Gasoline Vapor Recovery

CALIFORNIA CODE OF REGULATIONS

PERP 2457 Requirements for Portable Equipment Units

PERP 2459 Portable Equipment Notification

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BOARD MEETING DATE: June 1, 2018

AGENDA NO. 13

REPORT: Lead Agency Projects and Environmental Documents Received By SCAQMD

SYNOPSIS: This report provides, for the Board's consideration, a listing of CEQA documents received by the SCAQMD between April 1, 2018 and April 30, 2018, and those projects for which the SCAQMD is acting as lead agency pursuant to CEQA.

COMMITTEE: Mobile Source, May 18, 2018; Reviewed

RECOMMENDED ACTION:
Receive and file.

Wayne Natri
Executive Officer

PF:SN:MK:LS:LW

CEQA Document Receipt and Review Logs (Attachments A and B) – Each month, the SCAQMD receives numerous CEQA documents from other public agencies on projects that could adversely affect air quality. A listing of all documents received and reviewed during the reporting period April 1, 2018 through April 30, 2018 is included in Attachment A. A list of active projects from previous reporting periods for which SCAQMD staff is continuing to evaluate or has prepared comments is included in Attachment B. A total of 103 CEQA documents were received during this reporting period and 38 comment letters were sent. A notable project in this report is the Inglewood Basketball and Entertainment Center.

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 of the attachments notes those proposed projects where the SCAQMD has been contacted regarding potential air quality-related environmental justice concerns. The SCAQMD has established an internal central contact to receive information on projects with potential air quality-related environmental justice concerns. The public may

contact the SCAQMD about projects of concern by the following means: in writing via fax, email, or standard letters; through telephone communication; as part of oral comments at SCAQMD meetings or other meetings where SCAQMD staff is present; or by submitting newspaper articles. The attachments also identify for each project the dates of the public comment period and the public hearing date, if applicable, as reported at the time the CEQA document is received by the SCAQMD. 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 were 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 SCAQMD'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, including airport ground support equipment and other sources.

As resources permit, staff focuses on reviewing and preparing comments for projects: where the SCAQMD is a responsible agency; that may have significant adverse regional air quality impacts (e.g., special event centers, landfills, goods movement, etc.); that may have localized or toxic air quality impacts (e.g., warehouse and distribution centers); where environmental justice concerns have been raised; and those projects for which a lead or responsible agency has specifically requested SCAQMD review. If staff provided written comments to the lead agency as noted in the column "Comment Status," there is a link to the "SCAQMD 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 April 1, 2018 through April 30, 2018, the SCAQMD received 103 CEQA documents. Of the total of 129 documents* listed in Attachments A and B:

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

* These statistics are from April 1, 2018 to April 30, 2018 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 SCAQMD’s CEQA webpage at the following internet address:

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

SCAQMD Lead Agency Projects (Attachment C) – Pursuant to CEQA, the SCAQMD 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 is considered to be a “project” as defined by CEQA. For example, an Environmental Impact Report (EIR) is prepared when the SCAQMD, as lead agency, finds substantial evidence that the proposed project may have significant adverse effects on the environment. Similarly, a Negative Declaration (ND) or Mitigated Negative Declaration (MND) may be prepared if the SCAQMD determines that the proposed 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 proposed 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 SCAQMD is lead agency and is currently preparing or has prepared environmental documentation. As noted in Attachment C, the SCAQMD continued working on the CEQA documents for five active projects during April.

Attachments

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

**ATTACHMENT A
INCOMING CEQA DOCUMENTS LOG
April 01, 2018 to April 30, 2018**

<u>SCAQMD LOG-IN NUMBER</u> PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Retail</i> RVC180406-04 Commonwealth Crossing	The proposed project consists of construction of 48,972 square feet of office and retail uses including a gasoline station with 12 fueling pumps on 9.51 acres. The project is located on the southwest corner of Commonwealth Avenue and San Jacinto Avenue. Reference RVC180403-01 Comment Period: N/A	Response to Comments	City of San Jacinto	Document reviewed - No comments sent
<i>Retail</i> RVC180410-02 Cottonwood Commons	The proposed project consists of construction of 45,375 square feet of retail uses including a gasoline station with 16 fueling pumps on 6.24 acres. The project is located on the northwest corner of Cottonwood Avenue and Sanderson Avenue. Reference RVC180403-02 Comment Period: N/A	Response to Comments	City of San Jacinto	Document reviewed - No comments sent
<i>Retail</i> RVC180410-09 Rancho McHolland LLC (TPM-37421 & CUP-17-004)	The proposed project consists of construction of a 3,590-square-foot carwash, a 3,062-square-foot convenience store, and a gasoline station with 12 fueling pumps on 8.74 acres. The project is located on the southeast corner of Stetson Avenue and Sanderson Avenue. Reference RVC180327-03 Comment Period: N/A	Response to Comments	City of Hemet	Document reviewed - No comments sent
<i>Retail</i> RVC180410-12 Moreno Valley Festival Specific Plan Amendment	The proposed project consists of construction of a 348,000-square-foot business park and 325,000 square feet of retail uses on 29 acres. The project is located on the northwest corner of Indian Street and State Route 60. Reference RVC180220-02 Comment Period: N/A	Response to Comments	City of Moreno Valley	Document reviewed - No comments sent

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

**ATTACHMENT A
INCOMING CEQA DOCUMENTS LOG
April 01, 2018 to April 30, 2018**

<u>SCAQMD LOG-IN NUMBER</u> PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>Plans and Regulations</i> LAC180424-08 Arrow Highway Specific Plan	The proposed project consists of establishment of land use development policies and guidelines for the areas along a 2.73-mile portion of the Arrow Highway. The project will also provide guidance to support development of 40.9 acres of commercial use, 20.6 acres of public/institutional use, 13 acres of industrial use, 29.1 acres of residential use, and 8.6 acres of open space on 106 acres. The project is located north of the Arrow Highway between North Calera Avenue and North Rennell Avenue. Reference LAC180119-01, LAC170414-03 and LAC170413-05 Comment Period: N/A Public Hearing: 5/1/2018	Final Environmental Impact Report	City of Glendora	Document reviewed - No comments sent
<i>Plans and Regulations</i> ORC180427-05 Zoning Ordinance Amendment 17-1932 and Local Coastal Amendment 17-1933	The proposed project consists of amendments to the City's Municipal Code Chapter 25.08.002, 25.08.010, 25.08.020, 25.08.022, 25.08.028, 25.10.004, 25.12.004, 25.14.004 and Chapter 25.17 regarding accessory dwelling units and junior accessory dwelling units. Reference ORC180220-05, ORC171201-15 Comment Period: N/A Public Hearing: 5/8/2018	Notice of Public Hearing	City of Laguna Beach	Document does not require comments

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

ATTACHMENT B
ONGOING ACTIVE PROJECTS FOR WHICH SCAQMD HAS
OR IS CONTINUING TO CONDUCT A CEQA REVIEW

SCAQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Transportation LAC180315-09 State Route 1 (Lincoln Boulevard) Multi-Modal Improvement Project	The proposed project consists of improvements to a 0.61-mile segment of State Route (SR) 1 from Jefferson Boulevard (Post Mile [PM] 30.16) to Fiji Way (PM 30.74). The project would also include widening of Lincoln Boulevard, replacement and widening of Culver Boulevard Bridge and Lincoln Boulevard Bridge over Ballona Creek, and reconstruction of the Lincoln Boulevard and Culver Boulevard interchange. The project traverses through the community of Marina Del Rey. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2018/nopstateroute1-041018.pdf Comment Period: 3/15/2018 - 4/16/2018 Public Hearing: 3/28/2018	Notice of Preparation	California Department of Transportation	SCAQMD staff commented on 4/10/2018
Transportation RVC180308-02 Temescal Canyon Road Bridge and Road Realignment Project	The proposed project consists of construction of a four-lane bridge of 98 feet in width, 375 feet in length, and five feet in depth over Temescal Wash. The project will also include construction of 200-foot roadways north and south of the bridge and a 649-foot roadway transition from the bridge to existing Temescal Canyon Road. The project is located on the southwest corner of Lake Street and Temescal Canyon Road. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2018/mndtemescalcanyon-040418.pdf Comment Period: 3/9/2018 - 4/9/2018 Public Hearing: 5/8/2018	Mitigated Negative Declaration	City of Lake Elsinore	SCAQMD staff commented on 4/4/2018
Medical Facility RVC180320-05 Makena Hills (TPM-2017-1314 and EA- 2017-1315)	The proposed project consists of construction of two medical office buildings totaling 103,800 square feet and two hotels with 206 rooms on 14.56 acres. The project is located on the southeast corner of Baxter Road and Antelope Road. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2018/mndmakenahills-041018.pdf Comment Period: 3/16/2018 - 4/15/2018 Public Hearing: N/A	Mitigated Negative Declaration	City of Murrieta	SCAQMD staff commented on 4/10/2018
Retail LAC180329-07 Keyes Van Nuys Honda Dealership (ENV-2017-2277-EIR)	The proposed project consists of demolition of a 48,530-square-foot building and construction of a 82,273-square-foot retail building on 3.98 acres. The project is located at 6001 Van Nuys Boulevard on the southwest corner of Van Nuys Boulevard and Aetna Street in the community of Van Nuys-North Sherman Oaks. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2018/nopkeyesvannuys-042418.pdf Comment Period: 3/30/2018 - 4/30/2018 Public Hearing: N/A	Notice of Preparation	City of Los Angeles	SCAQMD staff commented on 4/24/2018
Retail RVC180327-03 Rancho McHolland LLC (TPM-37421 & CUP-17-004)	The proposed project consists of construction of a 3,590-square-foot carwash and a 3,062-square-foot convenience store including a gasoline station with 12 fueling pumps on 8.74 acres. The project is located on the southeast corner of Stetson Avenue and Sanderson Avenue. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2018/mndranomcholland-041018.pdf Comment Period: 3/26/2018 - 4/14/2018 Public Hearing: 4/17/2018	Mitigated Negative Declaration	City of Hemet	SCAQMD staff commented on 4/10/2018

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

**ATTACHMENT C
ACTIVE SCAQMD LEAD AGENCY PROJECTS
THROUGH APRIL 30, 2018**

PROJECT DESCRIPTION	PROPONENT	TYPE OF DOCUMENT	STATUS	CONSULTANT
<p>Edgington Oil Company (Edgington) is proposing the following modifications at its existing Edgington Refinery site to allow for additional flexibility in using the site for terminal operations: 1) add 18 offloading arms at its existing rail tank car loading facility to allow for the offloading of distillates, biodiesel, and renewables (diesel and jet fuels), ethanol, naphtha, alkylates, reformate, and isooctane; 2) modify seven truck loading racks to allow distillates, biodiesel, and renewables to be loaded; 3) modify one rack (two arms) to allow unloading of crude oil from trucks; and 4) modify 16 existing fixed-roof asphalt storage tanks to allow storage of distillates, biodiesel, and renewables.</p>	<p>Edgington Oil Company</p>	<p>Initial Study (IS)</p>	<p>An Initial Study has been prepared by the consultant and SCAQMD staff has provided comments. The consultant is in the process of revising the Initial Study.</p>	<p>InterAct</p>
<p>The Phillips 66 (formerly ConocoPhillips) Los Angeles Refinery Ultra Low Sulfur Diesel project was originally proposed to comply with federal, state and SCAQMD requirements to limit the sulfur content of diesel fuels. Litigation against the CEQA document was filed. Ultimately, the California Supreme Court concluded that the SCAQMD had used an inappropriate baseline and directed the SCAQMD to prepare an EIR, even though the project has been built and has been in operation since 2006. The purpose of this CEQA document is to comply with the Supreme Court's direction to prepare an EIR.</p>	<p>Phillips 66 (formerly ConocoPhillips), Los Angeles Refinery</p>	<p>Environmental Impact Report (EIR)</p>	<p>The Notice of Preparation/Initial Study (NOP/IS) was circulated for a 30-day public comment period on March 26, 2012 to April 26, 2012. The consultant submitted the administrative Draft EIR to SCAQMD in late July 2013. The Draft EIR was circulated for a 45-day public review and comment period from September 30, 2014 to November 13, 2014. Two comment letters were received and the consultant has prepared responses to comments which are undergoing SCAQMD review.</p>	<p>Environmental Audit, Inc.</p>
<p>Quemetco is proposing an increase in the daily furnace feed rate.</p>	<p>Quemetco</p>	<p>Environmental Impact Report (EIR)</p>	<p>A Notice of Preparation/Initial Study (NOP/IS) has been prepared by the consultant and SCAQMD staff has provided comments. The consultant has provided a revised NOP/IS which is undergoing SCAQMD review before public release.</p>	<p>Trinity Consultants</p>

**ATTACHMENT C
ACTIVE SCAQMD LEAD AGENCY PROJECTS
THROUGH APRIL 30, 2018**

PROJECT DESCRIPTION	PROPONENT	TYPE OF DOCUMENT	STATUS	CONSULTANT
<p>Southern California Edison (SCE) is proposing to modify the air pollution control system for the Barre Peaker unit to repair current and prevent future water damage by: 1) decreasing the water-injection rate into the turbine’s combustor; 2) replacing the oxidation catalyst and increasing the overall area of catalyst beds in the selective catalytic reduction (SCR) unit; 3) replacing the ammonia injection grid to improve the deliverability of ammonia to the catalyst; and, 4) increasing the concentration of the aqueous ammonia that is delivered to the facility, stored on-site, and injected into the SCR unit from 19% to 29%. In addition, SCE is proposing to revise its SCAQMD Title V Operating Permit to allow the turbine to generate power over its full operating range, from less than one megawatt (MW) to full load (e.g., 45 MW net), while continuing to meet the emission limits in the current permit.</p>	<p>Southern California Edison</p>	<p>Addendum to the April 2007 Final Mitigated Negative Declaration for the Southern California Edison Barre Peaker Project in Stanton</p>	<p>A draft Addendum has been prepared by the consultant and SCAQMD staff has provided comments. The consultant is in the process of revising the Addendum.</p>	<p>Yorke Engineering, LLC</p>
<p>Southern California Edison (SCE) is proposing to modify the air pollution control system for the Mira Loma Peaker unit to repair current and prevent future water damage by: 1) decreasing the water-injection rate into the turbine’s combustor; 2) replacing the oxidation catalyst and increasing the overall area of catalyst beds in the Selective Catalytic Reduction (SCR) unit; 3) replacing the ammonia injection grid to improve the deliverability of ammonia to the catalyst; and, 4) increasing the concentration of the aqueous ammonia that is delivered to the facility, stored on-site, and injected into the SCR unit from 19% to 29%. In addition, SCE is proposing to revise its SCAQMD Title V Operating Permit to allow the turbine to generate power over its full operating range, from less than one megawatt (MW) to full load (e.g., 45 MW net), while continuing to meet the emission limits in the current permit.</p>	<p>Southern California Edison</p>	<p>Addendum to the April 2007 Final Mitigated Negative Declaration for the Southern California Edison Mira Loma Peaker Project in Ontario</p>	<p>A draft Addendum has been prepared by the consultant and SCAQMD staff has provided comments. The consultant is in the process of revising the Addendum.</p>	<p>Yorke Engineering, LLC</p>

[↑ Back to Agenda](#)

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 14

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights SCAQMD rulemaking activities and public workshops potentially scheduled for 2018.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Wayne Natri
Executive Officer

PMF:SN:AF:RM

2018 MASTER CALENDAR

The table below 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.

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.*

1146	Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters
1146.1	Emissions of Oxides of Nitrogen from Small Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters
1146.2*+##	Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters
1100*+##	Implementation Schedule for NOx Facilities
Proposed Amended Rules 1146, 1146.1, 1146.2, and Proposed Rule 1100 are being moved from June 2018 to November 2018 to allow staff time to further analyze BARCT requirements and work with stakeholders.	
1410*	Hydrogen Fluoride Use at Refineries
Proposed Rule 1410 is being moved from July 2018 to December 2018. Staff needs additional time to respond to requests from the Refinery Committee, continue rule development, and prepare CEQA and Socioeconomic analysis.	
1469*	Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations
Proposed Amended Rule 1469 is being moved from July 2018 to September 2018 based on direction at the May 2018 Board Meeting, where the Board voted to set the public hearing for September 2018 to allow additional time for staff to work with stakeholders on proposed amended rule language.	

2018 MASTER CALENDAR

July	Title and Description	Type of Rulemaking
1111 ⁺	<p>Reduction of NO_x Emissions from Natural Gas Fired, Fan-Type Central Furnaces</p> <p>At the March 2018 Public Hearing to adopt amendments to Rule 1111, the Board directed staff to return with additional labeling requirements for units that are subject to a mitigation fee. Proposed Amended Rule 1111 will add labeling requirements for any furnace that is utilizing the mitigation fee alternate compliance option.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
September		
1110.2* ^{##}	<p>Emissions from Stationary Internal Combustion Engines</p> <p>Rule 1110.2 will be amended to incorporate provisions for facilities that are transitioning from NO_x RECLAIM to command-and-control.</p>	AQMP
1100* ^{##}	<p>Implementation Schedule for NO_x Facilities</p> <p>Rule 1100 will establish the implementation schedule for specific NO_x RECLAIM facilities that are transitioning to command-and-control.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	
1118.1* ^{##}	<p>Control of Emissions from Non-Refinery Flares</p> <p>Proposed Rule 1118.1 will seek to reduce emissions from flaring at non-refinery facilities, including alternate uses of gases. The proposed rule will require use of flares that meet a specific emission standard at sources such as landfills, wastewater treatment plants, and oil and gas production facilities.</p> <p><i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1407* 1407.1*	<p>Control of Emissions of Arsenic, Cadmium and Nickel from Non-Ferrous Metal Operations</p> <p>Proposed Rule 1407 will establish additional requirements to minimize air toxics from metal operations. Staff is analyzing sources subject to Rule 1407 and may develop a separate Rule 1407.1 for the largest sources subject to Rule 1407 and expand the applicability to address ferrous metal operations and hexavalent chromium emissions.</p> <p><i>Michael Morris 909.396.3282 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1469*	<p>Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations</p> <p>Proposed Amended Rule 1469 will further reduce hexavalent chromium emissions by establishing new requirements for certain hexavalent chromium tanks that are currently not regulated, further address potential fugitive emissions from hexavalent chromium electroplating and chromic acid anodizing operations, and add a process to re-certify chemical fume suppressants.</p> <p><i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics

2018 MASTER CALENDAR (continued)

September (continued)	Title and Description	Type of Rulemaking
1480*	<p>Toxics Monitoring Proposed Rule 1480 will establish provisions for when ambient monitoring is required and the toxic air contaminants that will be monitored.</p> <p><i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
2001*+ 2002#*	<p>RECLAIM – Applicability RECLAIM - Allocations for Oxides of Nitrogen (NO_x) and Oxides of Sulfur (SO_x) Proposed Amended Rules 2001 and 2002 will incorporate provisions for facilities that elect to opt-out of RECLAIM and include provisions for facilities that exit RECLAIM through use of a compliance plan.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
October		
1134*+ 1100*+*	<p>Emissions of Oxides of Nitrogen from Stationary Gas Turbines Proposed Amended Rule 1134 will update the emission standard to incorporate Best Available Retrofit Control Technology and incorporate provisions for facilities that are transitioning from NO_x RECLAIM to command-and-control.</p> <p>Implementation Schedule for NO_x Facilities Rule 1100 will establish the implementation schedule for specific NO_x RECLAIM facilities that are transitioning to command-and-control.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
Reg. XVI	<p>Mobile Source Offset Programs Amendments to various Regulation XVI rules will be proposed to provide greater opportunity to reduce mobile source emissions and to obtain credit in the State Implementation Plan for these reductions where possible, including addressing the recent U.S. EPA disapproval of Rule 1610.</p> <p><i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other

2018 MASTER CALENDAR (continued)

November	Title and Description	Type of Rulemaking
<p>1146</p> <p>1146.1</p> <p>1146.2*+[#]</p> <p>1100*+[#]</p>	<p>Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters</p> <p>Emissions of Oxides of Nitrogen from Small Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters</p> <p>Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters Amendments to Rules 1146, 1146.1, and 1146.2 will incorporate requirements for facilities that are in RECLAIM that are required to meet BARCT emission control levels.</p> <p>Implementation Schedule for NOx Facilities Rule 1100 will establish the implementation schedule for specific NOx RECLAIM facilities that are transitioning to command-and-control. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	<p>AQMP</p>
<p>Reg. IX</p> <p>Reg. X</p>	<p>Standards of Performance for New Stationary Sources (NSPS) National Emission Standards for Hazardous Air Pollutants (NESHAPS) Amendments to Regulations IX and X are periodically made to incorporate by reference new or amended federal standards that have been enacted by U.S. EPA for stationary sources. Regulations IX and X provide stationary sources with a single point of reference for determining which federal and local requirements apply to their specific operations. <i>Carol Gomez 909.396.3264 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	<p>Other</p>
<p>Reg. XIII*[#]</p>	<p>New Source Review Amendments to Regulation XIII are needed to address New Source Review provisions for facilities that exit RECLAIM. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	<p>Other</p>
<p>1135*+[#]</p>	<p>Emissions of Oxides of Nitrogen from Electric Power Generating Facilities Proposed Amended Rule 1135 will incorporate requirements for electric power generating facilities that are to transition from NOx RECLAIM to command-and-control. <i>Michael Morris 909.396.3282 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	<p>AQMP</p>

2018 MASTER CALENDAR (continued)

November (continued)	Title and Description	Type of Rulemaking
1100*+ #	<p>Implementation Schedule for NO_x Facilities Rule 1100 will establish the implementation schedule for specific NO_x RECLAIM facilities that are transitioning to command-and-control. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	
1435*	<p>Control of Emissions from Metal Heat Treating Processes Proposed Rule 1435 would establish requirements to reduce hexavalent chromium emissions from heat treating processes. <i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
December		
1109.1*+ #	<p>Refinery Equipment Proposed Rule 1109.1 will establish requirements for refineries that are transitioning from RECLAIM to command-and-control. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1403	<p>Asbestos Emissions from Demolition/Renovation Activities Amendments to Rule 1403 will include specific requirements when conducting asbestos-emitting demolition/renovation activities at schools, daycare centers, and possibly establishments that have sensitive populations. Amendments may include other provisions to improve the implementation of the rule. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1410*	<p>Hydrogen Fluoride Use at Refineries Proposed Rule 1410 will establish requirements for use of hydrogen fluoride at refineries. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
2202	<p>On-Road Motor Vehicle Mitigation Options Proposed amendments to Rule 2202 would enhance emission reductions obtained from the Employee Commute Reduction Program (ECRP) rule option. <i>Carol Gomez 909.396.3264 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other

**2018 MASTER CALENDAR
2018 To-Be-Determined**

To-Be-Determined	Title and Description	Type of Rulemaking
102	<p>Definition of Terms Staff may propose amendments to Rule 102 to add or revise definitions in order to support amendments to other Regulation XI rules. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
120	<p>Credible Evidence Rule Proposed Rule 120 will allow any credible evidence to be used for the purpose of establishing that a person has violated or is in violation of any plan, order, permit, rule, regulation, or law. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
113*#	<p>Monitoring, Reporting, and Recordkeeping (MRR) Requirements for NOx and SOx Sources Proposed Rule 113 will establish MRR requirements for facilities exiting RECLAIM and transitioning to a command-and-control regulatory structure. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
218	<p>Continuous Emission Monitoring Amendments to Rule 218 may be needed for facilities exiting RECLAIM and transitioning to a command-and-control regulatory structure. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
218.1	<p>Continuous Emission Monitoring Performance Specifications Amendments to Rule 218.1 may be needed for facilities exiting RECLAIM and transitioning to a command-and-control regulatory structure. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
223 ⁺	<p>Emission Reduction Permits for Large Confined Animal Facilities Proposed Amended Rule 223 will seek additional emission reductions from large confined animal facilities by lowering the applicability threshold. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
224 ⁺	<p>Incentives for Super-Compliant Technologies Proposed Rule 224 will outline strategies and requirements to incentivize the development, establishment and use of super-compliant technologies. It may be considered as a part of Rule 219 amendments or proposed as a separate incentive rule. <i>Zorik Pirveysian 909.396.3421 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other

2018 MASTER CALENDAR
2018 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
416*	<p>Odors from Kitchen Grease Processing Proposed Rule 416 will reduce ambient odors created during kitchen grease processing operations. The proposed rule will establish best management practices, and examine enclosure requirements for wastewater treatment operations and filter cake storage. The proposed rule may also contain requirements for an Odor Mitigation Plan.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
429*+##	<p>Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen It may be necessary to amend Rule 429 to address start-up/shutdown provisions related to the transition of NOx RECLAIM to a command-and-control regulatory program and if U.S. EPA requires updates to such provisions.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
430*	<p>Breakdown Provisions This rule will be amended or replaced to address specific issues raised by U.S. EPA regarding start-ups or shutdowns associated with breakdowns.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1106 1106.1*+	<p>Marine Coating Operations Pleasure Craft Coating Operations Rule 1106.1 is proposed to be rescinded; Rule 1106 would subsume the requirements of Rule 1106.1, revise VOC content limits for several categories in order to align limits with U.S. EPA Control Techniques Guidelines and other California air districts, and add new categories for several categories.</p> <p><i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1107 ⁺	<p>Coating of Metal Parts and Products Potential amendments to Rule 1107 would further reduce VOC emissions and improve rule clarity and enforceability.</p> <p><i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1109*+##	<p>Emissions of Oxides of Nitrogen from Boilers and Process Heaters in Petroleum Refineries Amendments to Rule 1109 may be needed to establish BARCT emission limits for refineries that are exiting RECLAIM and subject to command-and-control rules.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP

2018 MASTER CALENDAR
2018 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1111.1 ⁺	<p>Reduction of NOx Emissions from Natural Gas Fired Commercial Furnaces Proposed Rule 1111.1 will establish equipment-specific NOx emission limits and other requirements for the operation of commercial space heaters. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1113 ⁺	<p>Architectural Coatings Pursuant to guidance from the Stationary Source Committee, staff will amend to remove the tBAC exemption and is evaluating the impact from removing pCBtF as a VOC exempt compound. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1117* ^{+#}	<p>Glass Melting Furnaces Proposed amendments will control NOx emissions from glass melting furnaces. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1123* ⁺	<p>Refinery Process Turnarounds Proposed amendments will establish procedures that better quantify emission impacts from start-up, shutdown or turnaround activities. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1136* ⁺	<p>Wood Products Coatings Amendments may be proposed to existing rule limits and other provisions. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1450* ⁺	<p>Control of Methylene Chloride Emissions The proposed rule would reduce exposure to methylene chloride from furniture stripping, remove potential regulatory loopholes, achieve emission reductions where possible and cost effective, include reporting requirements, and improve consistency with other SCAQMD VOC rules. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1142*	<p>Marine Tank Vessel Operations Proposed revisions to Rule 1142 would address VOC emissions from marine tank vessel operations and provide clarifications. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1147.1* ^{+#}	<p>Large Miscellaneous Combustion Rule 1147.1 will include large miscellaneous combustion sources currently at RECLAIM facilities. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other

2018 MASTER CALENDAR
2018 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1147.2*+ [#]	<p>Metal Melting and Heat Treating Furnaces Proposed Rule 1147.2 will reduce NOx emissions from metal melting and heat treating furnaces. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1147.3*+ [#]	<p>Emission Reductions for Equipment at Aggregate Facilities Proposed Rule 1147.3 will reduce NOx emissions from aggregate operations. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1148.1 1148.2	<p>Oil and Gas Production Wells Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers Amendments to Rule 1148.2 may be needed to address community notification procedures, the inclusion of water injection wells, and potentially other measures based on an evaluation of information collected since the last rule adoption. <i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1148.3*	<p>Requirements for Natural Gas Underground Storage Facilities Proposed Rule 1148.3 will establish requirements to address public nuisance and VOC emissions from underground natural gas storage facilities. <i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1150.1	<p>Control of Gaseous Emissions from Municipal Solid Waste Landfills Proposed amendments will address U.S. EPA revisions to the New Source Performance Standards for Municipal Solid Waste Landfills and Existing Guidelines and Compliance Timelines for Municipal Solid Waste Landfills, as well as CARB GHG requirements. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1151*+ [#]	<p>Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations Pursuant to guidance from the Stationary Source Committee, staff will amend to remove the tBAC exemption and is evaluating the impact from removing pCBtF as a VOC exempt compound. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1153.1*+ [#]	<p>Emissions of Oxides of Nitrogen from Commercial Food Ovens Rule 1153.1 was adopted in November 2014 and established NOx emission limits for various types of existing commercial food ovens on a specified compliance schedule. Amendments may be necessary to address applicability and technological feasibility of low-NOx burner technologies for new commercial food ovens. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other

2018 MASTER CALENDAR
2018 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1159.1*+##	<p>Nitric Acid Units - Oxides of Nitrogen Proposed Rule 1159.1 will address NOx emissions from processes using nitric acid and is needed as part of the transition of RECLAIM to command-and-control. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1173+	<p>Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants Proposed revisions to Rule 1173 are being considered based on recent U.S. EPA regulations and CARB oil and gas regulations. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1177+	<p>Liquefied Petroleum Gas Transfer and Dispensing Potential amendments may be proposed to include additional sources of emissions from the dispensing and transfer of LPG. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1188+	<p>VOC Reductions from Vacuum Trucks The proposed rule will establish VOC emission standards and other requirements associated with the operation of vacuum trucks not covered by Rule 1149 – Storage Tank and Pipeline Cleaning and Degassing. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1190, 1191, 1192, 1193, 1194, 1195, 1196, & 1186.1*+	<p>Fleet Vehicle Requirements Amendments to fleet rules may be necessary to improve rule implementation. In addition, the current fleet rules may be expanded to achieve additional air quality and air toxic emission reductions. <i>Zorik Pirveysian 909.396.2431 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1304.2*	<p>California Public Utilities Commission Regulated Electrical Local Publicly Owned Electrical Utility Fee for Use of SOx, PM10 and NOx Offsets</p>	Other
1304.3*	<p>Local Publicly Owned Electrical Generating Facility Fee for Use of SOx, PM10 and NOx Offsets Proposed Rules 1304.2 and 1304.3 would allow new greenfield facilities and additions to existing electricity generating facilities (EGFs) conditional access to SCAQMD internal offset accounts for a fee, for subsequent funding of qualifying improvement projects consistent with the AQMP. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other

2018 MASTER CALENDAR
2018 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1415 1415.1	<p>Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems</p> <p>Reduction of Refrigerant Emissions from Stationary Refrigeration Systems</p> <p>Amendments will align with proposed CARB Refrigerant Management Program and U.S. EPA's Significant New Alternatives Policy Rule provisions relative to prohibitions on specific hydrofluorocarbons (HFCs).</p> <p><i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1426*	<p>Emissions from Metal Finishing Operations</p> <p>Proposed amendments to Rule 1426 will establish requirements to reduce nickel, cadmium and other air toxics from plating operations.</p> <p><i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1430	<p>Control of Emissions from Metal Grinding Operations at Metal Forging Facilities</p> <p>Proposed amendments to Rule 1430 may be needed related to reducing emissions from metal forging operations.</p> <p><i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1445*	<p>Control of Toxic Emissions from Laser Arc Cutting</p> <p>Proposed Rule 1445 will establish requirements to reduce toxic metal particulate emissions from laser arc cutting.</p> <p><i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1469.1*	<p>Spraying Operations Using Coatings Containing Chromium</p> <p>Proposed Amended Rule 1469.1 would establish additional requirements for facilities that are conducting spraying using chromium coatings to further reduce hexavalent chromium emissions.</p> <p><i>Jillian Wong 909.396.31 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1470*	<p>Requirement for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines at Sensitive Receptors</p> <p>The proposal would address new and existing small (≤ 50 brake horsepower) diesel engines located near sensitive receptors. Staff is also considering amendments to minimize use of stationary diesel back-up engines that may include use of alternative power sources that are less polluting.</p> <p><i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1902	<p>Transportation Conformity</p> <p>Amendments to Rule 1902 may be necessary to align the rule with current U.S. EPA requirements.</p> <p><i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other

2018 MASTER CALENDAR
2018 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1905	<p>Pollution Controls for Automotive Tunnel Vents This proposed rule would address emissions from proposed roadway tunnel projects that could have air quality impacts. <i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
Reg. XVII	<p>Prevention of Significant Deterioration (PSD) Proposed amendments to Regulation XVII will align the SCAQMD's Prevention of Significant Deterioration program with federal requirements. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
Reg. XX*+##	<p>RECLAIM Amendments to rules within Regulation XX will be needed as facilities transition from RECLAIM to a command-and-control regulatory structure. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
Reg. XXIII	<p>Facility Based Mobile Sources Regulation XXIII would contain rules related to reducing emissions from mobile sources that visit certain types of facilities. Facility types could include commercial airports, marine ports, rail yards, warehouses, and new and development projects. Regulation XXIII may include other sources as identified in the 2016 AQMP. <i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
Reg. XXV	<p>Intercredit Trading Regulation XXV will contain rules to allow generation of criteria pollutant Mobile Source Emission Reduction Credits (MSERCs) from various on-road and off-road sources, such as on-road heavy-duty trucks, off-road equipment, locomotives, and marine vessels. Credits will be generated by retrofitting existing engines or replacing the engines with new lower- emitting or zero-emission engines. The 2016 AQMP includes two measures that seek to accelerate early deployment of near-zero and zero emission on-road heavy-duty trucks and off-road equipment, through generation of MSERCs that could be used for purposes of recognizing mobile source emission reductions at facilities covered in the AQMP Facility-Based Measures. <i>Zorik Pirveysian 909.396.2431 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
Reg. XXVII	<p>Climate Change Changes may be needed to Regulation XXVII to add or update protocols for GHG reductions, and other changes. <i>Zorik Pirveysian 909.396.2431 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other

**2018 MASTER CALENDAR
2018 To-Be-Determined (continued)**

To-Be-Determined	Title and Description	Type of Rulemaking
Reg. II, IV, XI, XIV, XXX and XXXV, XXIV*+‡	<p>Various rule amendments may be needed to meet the requirements of state and federal laws, implement OEHHA’s 2015 revised risk assessment guidance, address variance issues/ technology-forcing limits, to abate a substantial endangerment to public health or welfare, address odor nuisance issues, air toxics, or to seek additional reductions to meet the SIP short-term measure commitment. The associated rule development or amendments include, but are not limited to, SCAQMD existing rules, and new or amended rules to implement the 2012 or 2016 AQMP measures. This includes measures in the 2010 Clean Communities Plan (CCP) or 2016 AQMP to reduce toxic air contaminants or reduce exposure to air toxics from stationary, mobile, and area sources. Rule 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 amendments, proposed new source-specific, or industry-specific rules within Regulation XI may be needed to meet the requirements of AB 617 and the 2016 AQMP commitment to transition the RECLAIM program to a command-and-control regulatory structure. Amendments to Regulation XIV may be needed for implementation of AB 617.</p>	Other/AQMP

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 15

REPORT: Status Report on Major Ongoing and Upcoming Projects for Information Management

SYNOPSIS: Information Management is responsible for data systems management services in support of all SCAQMD operations. This action is to provide the monthly status report on major automation contracts and planned projects.

COMMITTEE: Administrative, May 11, 2018; Reviewed

RECOMMENDED ACTION:
Receive and file.

Wayne Natri
Executive Officer

RMM:MAH:OSM:agg

Background

Information Management (IM) provides a wide range of information systems and services in support of all SCAQMD 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 specifies projects planned during the fiscal year to develop, acquire, enhance, or maintain mission-critical information systems.

Summary of Report

The attached report identifies each of 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
June 1, 2018 Board Meeting
Information Management Status Report on Major Ongoing and
Upcoming Projects During the Next Six Months

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Implementation of Enterprise Geographic Information System (EGIS)	Support accomplishment of the agency's mission through the effective and cost-efficient implementation of EGIS and related technologies	\$173,255	<ul style="list-style-type: none"> • Completed all of the nine prioritized EGIS projects: <ul style="list-style-type: none"> ○ EGIS Program Management ○ EGIS Data Governance ○ GIS Data Maintenance Workflow Design ○ System Installation, Configuration and Phasing Plan ○ ESRI Software Installation, Configuration, Testing and Training ○ Enterprise Geodatabase Implementation ○ Enterprise GIS Data Maintenance ○ AirVision GIS Integration ○ Open Data Portal 	Completion date: May 30. This project was completed within budget and ahead of schedule.
Fiber Cable Network Infrastructure Upgrade	Replace the existing fiber network cable infrastructure to support core computer networking (interconnect) in the agency; the Fiber Network Cable System will support higher bandwidth (min. 10 Gbps) from current (1 Gbps) to support increasing computing demands	\$311,202	<ul style="list-style-type: none"> • Released RFP November 3, 2017 • Awarded contract to Digital Networks Group, Inc. • Fiber cable installation completed 	Completion date: May 30. This project was completed within budget and ahead of schedule.

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Permitting System Automation Phase 1	New Web application to automate the filing of all permit applications with immediate processing and issuance of permits for specific application types: Dry Cleaners (DC), Gas Stations (GS) and Automotive Spray Booths (ASB)	Phase 1 \$450,000 Phase 1.1 \$200,000	<ul style="list-style-type: none"> • Phase 1 400A Form Filing and DC permit processing application complete and deployed to production • Phase 1.1 DC with Facility ID integration completed and deployed to production • Phase 1.1 GS and ASB permit processing modules enhanced to support R1401 rule changes. Final acceptance testing completed and staged for deployment 	<ul style="list-style-type: none"> • Full deployment of GS and ASB modules
Permitting System Automation Phase 2	Enhanced Web application to automate permit application process for Registration Equipment, IC Engines, and Vapor Recovery systems; and implement electronic permit folder and workflow for internal SCAQMD users	\$610,000	<ul style="list-style-type: none"> • Phase 2 task order issued and awarded 	<ul style="list-style-type: none"> • Start of Phase 2 development work scheduled for June, 2018
Air Quality Index Rewrite and Migration	Develop new Web Service and/or Web Application Program Interface to migrate Air Quality Index function from FORTRAN computer to STA's data management system	\$83,700	<ul style="list-style-type: none"> • AQI Calculation Web Service and Hourly Update development modified and enhanced to support AQ Sensors • Development work and initial acceptance testing completed 	<ul style="list-style-type: none"> • Parallel testing June 30, 2018

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Information Technology Review Implementation	Complete Board requested Information Technology review and initiate work on implementation of key recommendations	\$75,000	<ul style="list-style-type: none"> • Initiated Implementation Planning and Resource Requirements for key recommendations • Completed Steering Committee charter and agenda • Conducted recruitment process to fill Systems & Programming Supervisor position • Scheduled and completed Microsoft Project Plan training for all IM Managers, Supervisors and Secretaries 	<ul style="list-style-type: none"> • Draft Implementation Plan Preparation • Information Technology Steering Committee kickoff meeting • Office 365 Deployment planning • Evaluation and selection of Project Management software for IM team
Permit Application Status and Dashboard Statistics	New Web application to allow engineers to update intermediate status of applications; create dashboard display of status summary with link to FIND for external user review	\$104,591	<ul style="list-style-type: none"> • Task order issued and awarded • Project started April 10, 2018 	<ul style="list-style-type: none"> • Requirements gathering work in progress; Business Process Model and Wire Frame deliverables
Agenda Tracking System Replacement	Replace aging custom agenda tracking system with state-of-the-art, cost-effective Enterprise Content Management (ECM) system, which is fully integrated with OnBase, SCAQMD's agency-wide ECM system	\$86,600	<ul style="list-style-type: none"> • Released RFP December 4, 2015 • Awarded contract April 1, 2016 • Continued parallel testing • Conducted survey of stakeholder satisfaction • As a result of the survey responses, the decision was made to develop a custom user interface for the application. 	<ul style="list-style-type: none"> • Revise project scope to include custom user interface • Develop plan and schedule for revised scope

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Replace Your Ride (RZR)	New Web application to allow residents to apply for incentives to purchase newer, less polluting vehicles	\$211,820	<ul style="list-style-type: none"> Phase 2 Fund Allocation, Administration and Management Reporting modules deployed and in production 	<ul style="list-style-type: none"> Phase 3 collaboration with air districts for possible statewide RZR implementation
Legal Division New System Development	Develop new web-based case management system for Legal Division to replace existing JWorks System	\$500,000	<ul style="list-style-type: none"> New system development for Legal Division approved March 2, 2018 	<ul style="list-style-type: none"> Task order issuance, evaluation and award
Document Conversion Services	Document Conversion Services to convert paper documents stored at SCAQMD facilities to electronic storage in OnBase	\$82,000		<ul style="list-style-type: none"> Release RFP July 6, 2018 Approve qualified vendors October 5, 2018

Shaded Projects – Projects completed and will be removed from this list on subsequent reports

Completed Projects	
Project	Date Completed
CLASS Database Software Licensing and Support	November 30, 2017
Website & Evaluation Improvements	January 6, 2018
Information Technology Review	January 31, 2018
Prequalify Vendor List for PCs, Network Hardware, etc.	February 3, 2018
Renewal of HP Server Maintenance & Support	April 6, 2018
Implementation of Enterprise Geographic Information System (EGIS)	May 30, 2018
Fiber Cable Network Infrastructure Upgrade	May 30, 2018

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 17A

REPORT: Administrative Committee

SYNOPSIS: The Administrative Committee held a special meeting on Friday, May 11, 2018. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Dr. William A. Burke, Chair
Administrative Committee

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Committee Members

Present: Dr. William A. Burke/Chair, Mayor Ben Benoit/Vice Chair, and Dr. Clark E. Parker, Sr.

Absent: Mayor Pro Tem Judith Mitchell

Call to Order

Chair Burke called the meeting to order at 11:22 a.m.

DISCUSSION ITEMS:

- 1. Board Members' Concerns:** None to report.
- 2. Chairman's Report of Approved Travel:** As noted on the travel report, Mayor Pro Tem Mitchell will attend the monthly CARB Board meeting as the SCAQMD Board representative in Sacramento, CA, May 24-25, 2018.
- 3. Report of Approved Out-of-Country Travel:** As noted on the out-of-country travel report, Dr. Andrea Polidori will be providing an overview of air quality in Southern California at the State Department's Air Quality Awareness Week conference, in Paris, France, May 31-June 6, 2018.
- 4. Review June 1, 2018 Governing Board Agenda:** No comments to report.
- 5. Approval of Compensation for Board Member Assistant(s)/Consultant(s):** None to report.

6. **Status Report on Major Ongoing and Upcoming Projects for Information Management:** Assistant Deputy Executive Officer/Information Management Ron Moskowitz reported that the Information Management projects are progressing. The online spray booth permitting system is going live soon and the gas station application will be going live shortly thereafter. The building fiber network cable is being upgraded and will be completed in a few weeks. The EGIS open data portal will be going live on May 30, 2018. Dr. Parker inquired if the cable and copper wires being removed is being replaced with fiber. Mr. Moskowitz stated that older fiber is being replaced by new fiber because the old fiber had some breaks causing network issues and the new fiber will provide faster network access. Dr. Parker inquired about the type of fiber that will be used. Mr. Moskowitz responded that there is still CAT 5 and CAT 6 in the building, but the fiber is a glass type of network. Dr. Burke inquired about the bandwidth. Mr. Moskowitz responded the bandwidth will be increased with the fiber upgrade which will significantly improve the speed of information going in and out of the building.

ACTION ITEMS:

7. **Recognize Revenue for AB 617 Implementation:** Chief Operating Officer Jill Whynot reported that in January the Board recognized \$10.7 million from CARB for implementing AB 617, but there is actually \$10.8 million available. This item is to recognize and appropriate the additional \$100,000.

Moved by Benoit; seconded by Parker, unanimously approved.

Ayes: Benoit, Burke, Parker
Noes: None
Absent: Mitchell

8. **Execute Contracts to Implement Recommendations to Enhance Socioeconomic Assessments for AQMP:** Deputy Executive Officer/Planning, Rule Development & Area Sources Dr. Philip Fine reported that this item is to execute two contracts to enhance socioeconomic assessments for future AQMPs, which is the last piece in implementing the recommendations of the review that was completed several years ago.

Moved by Benoit; seconded by Parker, unanimously approved.

Ayes: Benoit, Burke, Parker
Noes: None
Absent: Mitchell

9. **Recommendation to Appoint Member to SCAQMD Home Rule Advisory Group:** Dr. Fine reported that this item is being submitted to request the concurrence of the Committee to appoint Mayor Benoit as Vice Chair to the Home Rule Advisory Group.

Moved by Parker; seconded by Benoit, unanimously approved.

Ayes: Benoit, Burke, Parker
Noes: None
Absent: Mitchell

10. **Establish Special Revenue Fund, Recognize Revenue, and Issue Solicitations and Purchase Orders for Community Air Monitoring Stations Near Petroleum Refineries:** Assistant Deputy Executive Officer/Science & Technology Advancement Dr. Jason Low reported that in December 2017, the Board approved Rule 1180, and this item is to recognize and create a special revenue fund for the initial \$7.5 million for the community monitoring aspect of the rule and also to provide funding for the computer servers for data telemetry. Dr. Parker inquired about the average cost per monitor and how many monitors were to be used. Dr. Low responded that the ongoing cost is \$4.3 million per year for all of the community monitoring, which will be reviewed every three years. Approximately 10-11 air monitoring stations will be added as part of the community air monitoring for the six refineries identified.

Moved by Benoit; seconded by Parker, unanimously approved.

Ayes: Benoit, Burke, Parker
Noes: None
Absent: Mitchell

11. **Execute a Contract for Removal and Replacement of Parking Structure Waterproof Coating:** Assistant Deputy Executive Officer/Administrative & Human Resources John Olvera reported that this item is to approve a contract to implement a project to resurface the upper deck of the SCAQMD's parking structure. The contractor was selected through an RFP process and was rated the best qualified and submitted the best cost proposal. Accordingly, the proposal is to authorize a contract with Kitson Contracting in the amount of \$334,400 for this project. Mayor Benoit inquired if this was a budgeted item. Mr. Olvera stated that this item was included in the FY 2018-19 Budget.

Moved by Benoit; seconded by Parker, unanimously approved.

Ayes: Benoit, Burke, Parker
Noes: None
Absent: Mitchell

OTHER MATTERS:

12. Other Business:

There was no other business.

13. Public Comment Period:

There were no public comments.

14. Next Meeting Date

The next regular Administrative Committee meeting is scheduled for June 8, 2018 at 10:00 a.m.

Adjournment

The meeting adjourned at 11:31 a.m.

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BOARD MEETING DATE: June 1, 2018

AGENDA NO. 17B

REPORT: Special Administrative Committee

SYNOPSIS: The Special Administrative Committee held a meeting on Friday, May 25, 2018. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Dr. William A. Burke, Chair
Administrative Committee

nv

Committee Members

Teleconference: Dr. William A. Burke/Chair, Mayor Ben Benoit/Vice Chair, and Dr. Clark E. Parker, Sr.

Absent: Mayor Pro Tem Judith Mitchell

Call to Order

Chair Burke called the meeting to order at 4:30 p.m.

ACTION ITEM:

- 1. Issue RFP to Seek Contractors to Assist in Planning, Organizing, and Facilitating Two Annual Community Air Quality Events:** Deputy Executive Officer/Legislative, Public Affairs & Media Derrick Alatorre reported that every year SCAQMD holds two community events, the Martin Luther King, Jr. Day of Service Forum and the Cesar Chavez Day of Remembrance. This request seeks to release an RFP to solicit proposals from qualified contractors to plan, organize and facilitate these two events.

Moved by Parker; seconded by Benoit, unanimously approved.

Ayes: Benoit, Burke, Parker

Noes: None

Absent: Mitchell

OTHER MATTERS:

- 2. Public Comment Period:** There were no public comments.
- 3. Next Meeting Date:** The next regular Administrative Committee meeting is scheduled for June 8, 2018 at 10:00 a.m.

Adjournment

The meeting adjourned at 4:32 p.m.

[↑ Back to Agenda](#)

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 18

REPORT: Investment Oversight Committee

SYNOPSIS: The Investment Oversight Committee held a meeting on Friday, May 18, 2018. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Michael A. Cacciotti, Chair
Investment Oversight Committee

SJ:av

Committee Members

Present: Council Member Michael Cacciotti/Chair (teleconference), Committee Member Richard Dixon, Committee Member Brent Mason, Supervisor Shawn Nelson, and Committee Member Patrick Pearce (teleconference)

Absent: Dr. William A. Burke/Vice Chair, and Dr. Joseph K. Lyou

Call to Order

Council Member Michael Cacciotti called the meeting to order at 12:01 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 March 2018, the SCAQMD's weighted average yield on total investments of \$755,962,205.98 from all sources was 1.67%. The allocation by investment type was 88.12% in the Los Angeles County Pooled Surplus Investment Fund (PSI) and 11.88% in the State of California Local Agency Investment Fund (LAIF) and Special Purpose Investments (SPI). The one-year Treasury Bill rate as of March 31, 2018 was 1.76%.

2. Cash Flow Forecast: Sujata Jain, Assistant Deputy Executive Officer of Finance, reported on the cash flows for the current year and projected for the next three years. SCAQMD Investment Policy limits its Special Purpose Investments to 75% of the minimum amount of funds available for investment during the Cash Flow Horizon. That limit, which includes all funds (General, MSRC, Clean Fuels) is \$183.3 million. Current Special Purpose Investments are well below the maximum limit. Staff is looking at the current increase in interest rates and opportunities for additional interest yield.
3. Financial Market Update: Richard Babbe from PFM Asset Management provided the Committee with information on current investment markets, economic conditions, and the overall outlook. He presented market information on increased short-term Treasury yields following the Federal Reserve's decision to increase rates at least two more times in 2018. Long-term yield curves are expected to go down. Inflation seems to have firmed up, but it is below the Federal target of 2.0% and is not expected to increase significantly in the near future. Economic indicators were also presented showing an increase in GDP at an annualized rate of 2.3% in the first quarter, consumer confidence has slowed, continued growth in the labor market, and the national unemployment rate was 4.1%.

OTHER MATTERS:

4. Other Business

There was no other business.

5. Public Comment Period

There were no public comments.

6. Next Meeting Date

The next regular meeting of the Investment Oversight Committee is scheduled for November 16, 2018 at noon.

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 19

REPORT: Mobile Source Committee

SYNOPSIS: The Mobile Source Committee held a meeting on Friday, May 18, 2018. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Dr. Clark E. Parker, Sr., Chair
Mobile Source Committee

PMF:AF

Committee Members

Present: Dr. Clark E. Parker, Sr./Chair (videoconference), Supervisor Marion Ashley (videoconference), Mayor Larry McCallon, Mayor Pro Tem Judith Mitchell, and Supervisor Hilda L. Solis (videoconference)

Absent: Dr. Joseph Lyou/Vice Chair

Call to Order

Chair Dr. Parker called the meeting to order at 9:00 a.m.

INFORMATIONAL ITEM:

1. Update on Recent Fleet Vehicles Survey

Zorik Pirveysian, Planning and Rules Manager, presented a status update on the recent survey of public fleet vehicles subject to SCAQMD fleet rules which was conducted by District staff. The seven fleet rules cover light-, medium-, and heavy-duty on-road vehicles and apply to public agencies with 15 or more vehicles and private contractors that provide services to public agencies under contractual or exclusive agreements. The fleet rules require the purchase of cleaner burning gasoline or alternative fuel vehicles unless it can be demonstrated that alternative fuel vehicles for specific heavy-duty applications are not technically or operationally feasible. The purpose of the survey was to obtain a current picture of public fleet vehicles operating in the District (i.e., population, fleet composition, fuel type, model year ranges, turnover rates) and also to support potential future amendments

to the fleet rules. The survey form was sent to 213 public entities including cities, counties, state agencies, special districts and transit agencies with an 83% response rate. The survey results continue to demonstrate the successful implementation of the SCAQMD fleet rules particularly for heavy-duty vehicles with more extensive penetration of alternative fuels such as compressed/liquefied natural gas (CNG/LNG) as well as hybrids and electric battery vehicles for light-duty vehicles and alternative fuels and cleaner gasoline for medium-duty vehicles. Alternative fuel vehicles (i.e., CNG/LNG) represent 80%-90% of sweepers, refuse collection vehicles, and urban buses and 60% of transit vehicles. For the other heavy-duty vehicles category (subject to Rule 1196), diesel vehicles still account for 40% of public fleet vehicles, most of which are equipped with older pre-2007 model year engines. The average turnover rates for all classes of vehicles ranged between 10 to 14 years with wide variability reported for various vehicle types. The survey results also highlight the opportunities that exist for achieving additional emission reductions from public fleet vehicles based on deployment of near-zero or zero-emission vehicles which could be considered in future rule amendments pending legislative authority. Staff is continuing to work with the remaining public entities to achieve a goal of 100% participation in the survey.

Supervisor Solis expressed concern over the large number of diesel and gasoline-powered trucks in the other heavy-duty vehicles category and asked what measures were being considered to reduce the number of these vehicles. Staff indicated that the 40% diesel vehicles in the other heavy-duty category can be largely attributed to legacy fleet as well as those vehicles which may have received exemption under the technical infeasibility provision. Staff also indicated that proposed legislative language, if approved, would authorize the SCAQMD to amend the fleet rules to require the purchase of cleanest commercially available vehicles as well as replacement of up to 15% of existing fleet vehicles with consideration given to the useful life and operational needs. Supervisor Solis requested a list of school districts from L.A. County that participated in the survey. She also commented on the need to do further outreach to independent truck owners operating on the I-710 freeway and serving the ports, who are mostly immigrants and may not be familiar with our funding programs. Staff responded that the list of L.A. County school districts in the survey will be provided to her. Staff also mentioned that the SCAQMD has held many workshops in those communities and will continue outreach to inform independent truck owners about funding opportunities. Supervisor Solis inquired about available incentive funding for school buses to help some of the communities that are highly impacted by goods movement traffic such as the Montebello and Pomona School Districts. Staff mentioned the available funding opportunities including the Carl Moyer Program, AB 134 and the \$310 million enhanced funding allocation that the State Senate just approved for AB 617 implementation.

Dr. Parker asked whether the survey included the number of trucks serving warehouses. Staff explained that the survey was conducted for public fleets, and trucks serving warehouses are not subject to SCAQMD fleet rules unless the warehouses are owned or contracted by a public entity. Staff also explained the SCAQMD's authority over fleet rules and indirect source rules. Dr. Parker also asked whether national standards or another method was going to be used to estimate the number of warehouse trucks. Staff replied that there are various ways to estimate the truck population but the survey method is more accurate. Staff intends to gather additional information on these trucks and report back to this Committee and the full Board. Dr. Parker also asked what percentage of funding from AB 617 will be directed to the South Coast. Staff replied that it will likely be a minimum of 43%, which was the allocation the SCAQMD had received last year.

Mayor McCallon asked what percentage of the total light and medium duty vehicle emissions are from public fleet vehicles. Staff responded that the contribution of these vehicles is estimated to be 0.1 ton per day NOx. Mayor McCallon indicated that the emissions from these vehicles are insignificant and he recommended not to further tighten the requirements, which would not provide much emission reductions but could have a significant financial impact on local cities. Staff responded that even if emissions from light- and medium-duty vehicles are insignificant, public fleets should purchase cleanest available vehicles especially in light of U.S. EPA rolling back fuel economy standards. Mayor McCallon also asked what percentage of the total heavy-duty fleets in the survey is for the other heavy-duty vehicles. Staff responded that approximately 7,000 out of 18,000 fall under this category and their NOx emissions are estimated to be approximately 2 tons/day out of the total of 5 tons/day from the overall heavy-duty fleets surveyed. Staff also commented that the vehicle categories under fleet rules will be prioritized for potential future rule amendments.

Mayor Pro Tem Mitchell asked if the proposed fleet rule amendments would still keep the fleet size at the current threshold of 15 vehicles. Staff replied that the legislative language is based on 15 vehicles, but the SCAQMD could increase the minimum fleet size during the rulemaking process at the Board's discretion. Mayor Pro Tem Mitchell also asked how the amended fleet rules will affect public entities' eligibility for incentive funding, such as Carl Moyer. Staff replied that the amended rules would not establish emission standards but would include purchase requirements and since cleanest available vehicles would be certified below the current standards, public entities would still be eligible to receive Moyer funds. Mayor Pro Tem Mitchell also asked about the benefits of biodiesel as transportation fuel. Staff replied that biodiesel tends to generate higher NOx emissions in older engines whereas renewable diesel has modest NOx reductions.

Peter Whittingham with Creative Bus Sales commented regarding their new gasoline-powered school buses that have been certified by CARB at 0.04 g/bhp-hr NO_x, well below the current 0.2 g/bhp-hr standard. He asked that the SCAQMD consider funding these buses in future funding opportunities.

WRITTEN REPORTS:

2. Rule 2202 Activity Report: Rule 2202 Summary Status Report

This item was received and filed.

3. Monthly Report on Environmental Justice Initiatives: CEQA Document Commenting Update

This item was received and filed.

OTHER MATTERS:

4. Other Business

There was no other business.

5. Public Comment Period

There were no public comments.

6. Next Meeting Date:

The next regular Mobile Source Committee meeting is scheduled for Friday, June 15, 2018.

Adjournment

The meeting adjourned at 10:11 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 Record– May 18, 2018

Dr. Clark E. Parker, Chair (videoconference)	SCAQMD Board Member
Supervisor Marion Ashley (videoconference).....	SCAQMD Board Member
Mayor Larry McCallon	SCAQMD Board Member
Councilmember Judith Mitchell.....	SCAQMD Board Member
Supervisor Hilda L. Solis (videoconference)	SCAQMD Board Member
Ron Ketcham.....	Board Consultant (McCallon)
Andrew Silva.....	Board Consultant (Rutherford)
Bill LaMarr.....	California Small Business Alliance
Bill Pearce	Boeing
David Rothbart	L.A. County Sanitation Districts
Susan Stark.....	Andeavor
Peter Whittingham.....	Whittingham Public Affairs Advisors (WPAA)/Creative Bus Sales
Barbara Baird	SCAQMD Staff
Phil Barroca.....	SCAQMD Staff
Naveen Berry.....	SCAQMD Staff
Brian Choe.....	SCAQMD Staff
Arlene Farol.....	SCAQMD Staff
Philip Crabbe.....	SCAQMD Staff
Philip Fine	SCAQMD Staff
Erika Graham	SCAQMD Staff
Carol Gomez	SCAQMD Staff
Michael Krause	SCAQMD Staff
Rosalee Mason	SCAQMD Staff
Matt Miyasato	SCAQMD Staff
Ron Moskowitz	SCAQMD Staff
Wayne Nastri.....	SCAQMD Staff
Zorik Pirveysian	SCAQMD Staff
Sarah Rees	SCAQMD Staff
Lijin Sun.....	SCAQMD Staff
Laki Tisopulos.....	SCAQMD Staff
Jill Whynot	SCAQMD Staff
Andrew Yoon	SCAQMD Staff



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

ATTACHMENT 2

Rule 2202 Summary Status Report Activity for January 1, 2018 to April 30, 2018

Employee Commute Reduction Program (ECRP)	
# of Submittals:	68

Emission Reduction Strategies (ERS)	
# of Submittals:	202

Air Quality Investment Program (AQIP) Exclusively		
County	# of Facilities	\$ Amount
Los Angeles	35	\$ 121,401
Orange	10	\$ 76,824
Riverside	0	\$ 0
San Bernardino	3	\$ 12,711
TOTAL:	48	\$ 210,935

ECRP w/AQIP Combination		
County	# of Facilities	\$ Amount
Los Angeles	3	\$ 11,028
Orange	0	\$ 0
Riverside	0	\$ 0
San Bernardino	1	\$ 9,253
TOTAL:	4	\$ 20,281

Total Active Sites as of April 30, 2018

ECRP (AVR Surveys)			TOTAL Submittals w/Surveys	AQIP	ERS	TOTAL
ECRP ¹	AQIP ²	ERS ³				
498	18	9	525	104	738	1,367
36.43%	1.32%	0.66%	38.41%	7.61%	53.99%	100% ⁴

Total Peak Window Employees as of April 30, 2018

ECRP (AVR Surveys)			TOTAL Submittals w/Surveys	AQIP	ERS	TOTAL
ECRP ¹	AQIP ²	ERS ³				
371,687	6,287	9,583	387,557	15,078	330,096	732,731
50.72%	.86%	1.31%	52.89%	2.06%	45.05%	100% ⁴

- Notes:**
1. ECRP Compliance Option.
 2. ECRP Offset (combines ECRP w/AQIP). AQIP funds are used to supplement the ECRP AVR survey shortfall.
 3. ERS with Employee Survey to get Trip Reduction credits. Emission/Trip Reduction Strategies are used to supplement the ECRP AVR survey shortfall.
 4. Totals may vary slightly due to rounding.

BOARD MEETING DATE: June 1, 2018

AGENDA NO.

REPORT: Lead Agency Projects and Environmental Documents Received By SCAQMD

SYNOPSIS: This report provides, for the Board's consideration, a listing of CEQA documents received by the SCAQMD between April 1, 2018 and April 30, 2018, and those projects for which the SCAQMD is acting as lead agency pursuant to CEQA.

COMMITTEE: Mobile Source, May 18, 2018; Reviewed

RECOMMENDED ACTION:
Receive and file.

Wayne Nastri
Executive Officer

PF:SN:MK:LS:LW

CEQA Document Receipt and Review Logs (Attachments A and B) – Each month, the SCAQMD receives numerous CEQA documents from other public agencies on projects that could adversely affect air quality. A listing of all documents received and reviewed during the reporting period April 1, 2018 through April 30, 2018 is included in Attachment A. A list of active projects from previous reporting periods for which SCAQMD staff is continuing to evaluate or has prepared comments is included in Attachment B. A total of 103 CEQA documents were received during this reporting period and 38 comment letters were sent. A notable project in this report is the Inglewood Basketball and Entertainment Center.

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 of the attachments notes those proposed projects where the SCAQMD has been contacted regarding potential air quality-related environmental justice concerns. The SCAQMD

has established an internal central contact to receive information on projects with potential air quality-related environmental justice concerns. The public may contact the SCAQMD about projects of concern by the following means: in writing via fax, email, or standard letters; through telephone communication; as part of oral comments at SCAQMD meetings or other meetings where SCAQMD staff is present; or by submitting newspaper articles. The attachments also identify for each project the dates of the public comment period and the public hearing date, if applicable, as reported at the time the CEQA document is received by the SCAQMD. 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 were 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 SCAQMD'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, including airport ground support equipment and other sources.

As resources permit, staff focuses on reviewing and preparing comments for projects: where the SCAQMD is a responsible agency; that may have significant adverse regional air quality impacts (e.g., special event centers, landfills, goods movement, etc.); that may have localized or toxic air quality impacts (e.g., warehouse and distribution centers); where environmental justice concerns have been raised; and those projects for which a lead or responsible agency has specifically requested SCAQMD review. If staff provided written comments to the lead agency as noted in the column "Comment Status," there is a link to the "SCAQMD 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 April 1, 2018 through April 30, 2018, the SCAQMD received 103 CEQA documents. Of the total of 129 documents* listed in Attachments A and B:

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

* These statistics are from April 1, 2018 to April 30, 2018 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 SCAQMD’s CEQA webpage at the following internet address:

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

SCAQMD Lead Agency Projects (Attachment C) – Pursuant to CEQA, the SCAQMD 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 is considered to be a “project” as defined by CEQA. For example, an Environmental Impact Report (EIR) is prepared when the SCAQMD, as lead agency, finds substantial evidence that the proposed project may have significant adverse effects on the environment. Similarly, a Negative Declaration (ND) or Mitigated Negative Declaration (MND) may be prepared if the SCAQMD determines that the proposed 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 proposed 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 SCAQMD is lead agency and is currently preparing or has prepared environmental documentation. As noted in Attachment C, the SCAQMD continued working on the CEQA documents for five active projects during April.

Attachments

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

**ATTACHMENT A
INCOMING CEQA DOCUMENTS LOG
April 01, 2018 to April 30, 2018**

DRAFT

SCAQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
<i>General Land Use (residential, etc.)</i> ORC180410-03 Downtown Commercial Core Specific Plan	The proposed project consists of construction of 887 residential units and 300,000 square feet of commercial and office uses on 220 acres. The project is located near the northeast interchange of Interstate 5 and State Route 55. Reference ORC180330-01, ORC180216-04 and ORC160802-02 Comment Period: N/A Public Hearing: 5/1/2018	Response to Comments	City of Tustin	Document reviewed - No comments sent
<i>General Land Use (residential, etc.)</i> ORC180410-05 SunPointe (SP 12-07, MA 15-09, TT 17433, GPA 14-01 and ZC 14-02)	The proposed project consists of construction of 71 residential units on 19.5 acres. The project is located on the southeast corner of Cabot Road and Paseo De Colinas. Reference ORC171102-05, ORC170915-07, ORC170915-03, ORC170711-06, ORC170523-04, ORC170428-01, ORC161021-03 and ORC160621-03 Comment Period: N/A Public Hearing: 4/17/2018	Notice of Public Hearing	City of Laguna Niguel	Document does not require comments
<i>General Land Use (residential, etc.)</i> ORC180412-02 Rancho La Habra Specific Plan	This document extends the public review period from April 11, 2018 to May 11, 2018 for the proposed project. The proposed project consists of demolition of existing golf course and parking lot, and construction of 402 residential units with either 20,000 square feet of commercial uses or 46 additional residential units on 151 acres. The project will also include 84.61 acres of open space. The project is located at 1400 South La Habra Hills Drive on the northeast corner of West Nicklaus Avenue and Hillsboro Drive. Reference ORC180301-03 and ORC151118-04 Comment Period: 2/26/2018 - 5/11/2018 Public Hearing: N/A	Extension of Time	City of La Habra	Document reviewed - No comments sent
<i>General Land Use (residential, etc.)</i> ORC180419-01 Oxford Place Project	The proposed project consists of construction of 45 residential units totaling 55,305 square feet on 3.9 acres. The project is located at 5081 Orange Avenue on the northeast corner of Moody Street and Orange Avenue. Comment Period: 4/20/2018 - 5/21/2018 Public Hearing: N/A	Mitigated Negative Declaration	City of Cypress	Document reviewed - No comments sent

- 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.

ATTACHMENT B
ONGOING ACTIVE PROJECTS FOR WHICH SCAQMD HAS
OR IS CONTINUING TO CONDUCT A CEQA REVIEW

DRAFT

SCAQMD LOG-IN NUMBER PROJECT TITLE	PROJECT DESCRIPTION	TYPE OF DOC.	LEAD AGENCY	COMMENT STATUS
Transportation LAC180315-09 State Route 1 (Lincoln Boulevard) Multi-Modal Improvement Project	The proposed project consists of improvements to a 0.61-mile segment of State Route (SR) 1 from Jefferson Boulevard (Post Mile [PM] 30.16) to Fiji Way (PM 30.74). The project would also include widening of Lincoln Boulevard, replacement and widening of Culver Boulevard Bridge and Lincoln Boulevard Bridge over Ballona Creek, and reconstruction of the Lincoln Boulevard and Culver Boulevard interchange. The project traverses through the community of Marina Del Rey. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2018/nopstateroute1-041018.pdf Comment Period: 3/15/2018 - 4/16/2018 Public Hearing: 3/28/2018	Notice of Preparation	California Department of Transportation	SCAQMD staff commented on 4/10/2018
Transportation RVC180308-02 Temescal Canyon Road Bridge and Road Realignment Project	The proposed project consists of construction of a four-lane bridge of 98 feet in width, 375 feet in length, and five feet in depth over Temescal Wash. The project will also include construction of 200-foot roadways north and south of the bridge and a 649-foot roadway transition from the bridge to existing Temescal Canyon Road. The project is located on the southwest corner of Lake Street and Temescal Canyon Road. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2018/mndtemescalcanyon-040418.pdf Comment Period: 3/9/2018 - 4/9/2018 Public Hearing: 5/8/2018	Mitigated Negative Declaration	City of Lake Elsinore	SCAQMD staff commented on 4/4/2018
Medical Facility RVC180320-05 Makena Hills (TPM-2017-1314 and EA- 2017-1315)	The proposed project consists of construction of two medical office buildings totaling 103,800 square feet and two hotels with 206 rooms on 14.56 acres. The project is located on the southeast corner of Baxter Road and Antelope Road. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2018/mndmakenahills-041018.pdf Comment Period: 3/16/2018 - 4/15/2018 Public Hearing: N/A	Mitigated Negative Declaration	City of Murrieta	SCAQMD staff commented on 4/10/2018
Retail LAC180329-07 Keyes Van Nuys Honda Dealership (ENV-2017-2277-EIR)	The proposed project consists of demolition of a 48,530-square-foot building and construction of a 82,273-square-foot retail building on 3.98 acres. The project is located at 6001 Van Nuys Boulevard on the southwest corner of Van Nuys Boulevard and Aetna Street in the community of Van Nuys-North Sherman Oaks. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2018/nopkeyesvannuys-042418.pdf Comment Period: 3/30/2018 - 4/30/2018 Public Hearing: N/A	Notice of Preparation	City of Los Angeles	SCAQMD staff commented on 4/24/2018
Retail RVC180327-03 Rancho McHolland LLC (TPM-37421 & CUP-17-004)	The proposed project consists of construction of a 3,590-square-foot carwash and a 3,062-square-foot convenience store including a gasoline station with 12 fueling pumps on 8.74 acres. The project is located on the southeast corner of Stetson Avenue and Sanderson Avenue. http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2018/mndranomcholland-041018.pdf Comment Period: 3/26/2018 - 4/14/2018 Public Hearing: 4/17/2018	Mitigated Negative Declaration	City of Hemet	SCAQMD staff commented on 4/10/2018

- 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 SCAQMD LEAD AGENCY PROJECTS
THROUGH APRIL 30, 2018**

PROJECT DESCRIPTION	PROPONENT	TYPE OF DOCUMENT	STATUS	CONSULTANT
<p>Edgington Oil Company (Edgington) is proposing the following modifications at its existing Edgington Refinery site to allow for additional flexibility in using the site for terminal operations: 1) add 18 offloading arms at its existing rail tank car loading facility to allow for the offloading of distillates, biodiesel, and renewables (diesel and jet fuels), ethanol, naphtha, alkylates, reformate, and isooctane; 2) modify seven truck loading racks to allow distillates, biodiesel, and renewables to be loaded; 3) modify one rack (two arms) to allow unloading of crude oil from trucks; and 4) modify 16 existing fixed-roof asphalt storage tanks to allow storage of distillates, biodiesel, and renewables.</p>	<p>Edgington Oil Company</p>	<p>Initial Study (IS)</p>	<p>An Initial Study has been prepared by the consultant and SCAQMD staff has provided comments. The consultant is in the process of revising the Initial Study.</p>	<p>InterAct</p>
<p>The Phillips 66 (formerly ConocoPhillips) Los Angeles Refinery Ultra Low Sulfur Diesel project was originally proposed to comply with federal, state and SCAQMD requirements to limit the sulfur content of diesel fuels. Litigation against the CEQA document was filed. Ultimately, the California Supreme Court concluded that the SCAQMD had used an inappropriate baseline and directed the SCAQMD to prepare an EIR, even though the project has been built and has been in operation since 2006. The purpose of this CEQA document is to comply with the Supreme Court's direction to prepare an EIR.</p>	<p>Phillips 66 (formerly ConocoPhillips), Los Angeles Refinery</p>	<p>Environmental Impact Report (EIR)</p>	<p>The Notice of Preparation/Initial Study (NOP/IS) was circulated for a 30-day public comment period on March 26, 2012 to April 26, 2012. The consultant submitted the administrative Draft EIR to SCAQMD in late July 2013. The Draft EIR was circulated for a 45-day public review and comment period from September 30, 2014 to November 13, 2014. Two comment letters were received and the consultant has prepared responses to comments which are undergoing SCAQMD review.</p>	<p>Environmental Audit, Inc.</p>
<p>Quemetco is proposing an increase in the daily furnace feed rate.</p>	<p>Quemetco</p>	<p>Environmental Impact Report (EIR)</p>	<p>A Notice of Preparation/Initial Study (NOP/IS) has been prepared by the consultant and SCAQMD staff has provided comments. The consultant has provided a revised NOP/IS which is undergoing SCAQMD review before public release.</p>	<p>Trinity Consultants</p>

**ATTACHMENT C
ACTIVE SCAQMD LEAD AGENCY PROJECTS
THROUGH APRIL 30, 2018**

PROJECT DESCRIPTION	PROPONENT	TYPE OF DOCUMENT	STATUS	CONSULTANT
<p>Southern California Edison (SCE) is proposing to modify the air pollution control system for the Barre Peaker unit to repair current and prevent future water damage by: 1) decreasing the water-injection rate into the turbine’s combustor; 2) replacing the oxidation catalyst and increasing the overall area of catalyst beds in the selective catalytic reduction (SCR) unit; 3) replacing the ammonia injection grid to improve the deliverability of ammonia to the catalyst; and, 4) increasing the concentration of the aqueous ammonia that is delivered to the facility, stored on-site, and injected into the SCR unit from 19% to 29%. In addition, SCE is proposing to revise its SCAQMD Title V Operating Permit to allow the turbine to generate power over its full operating range, from less than one megawatt (MW) to full load (e.g., 45 MW net), while continuing to meet the emission limits in the current permit.</p>	<p>Southern California Edison</p>	<p>Addendum to the April 2007 Final Mitigated Negative Declaration for the Southern California Edison Barre Peaker Project in Stanton</p>	<p>A draft Addendum has been prepared by the consultant and SCAQMD staff has provided comments. The consultant is in the process of revising the Addendum.</p>	<p>Yorke Engineering, LLC</p>
<p>Southern California Edison (SCE) is proposing to modify the air pollution control system for the Mira Loma Peaker unit to repair current and prevent future water damage by: 1) decreasing the water-injection rate into the turbine’s combustor; 2) replacing the oxidation catalyst and increasing the overall area of catalyst beds in the Selective Catalytic Reduction (SCR) unit; 3) replacing the ammonia injection grid to improve the deliverability of ammonia to the catalyst; and, 4) increasing the concentration of the aqueous ammonia that is delivered to the facility, stored on-site, and injected into the SCR unit from 19% to 29%. In addition, SCE is proposing to revise its SCAQMD Title V Operating Permit to allow the turbine to generate power over its full operating range, from less than one megawatt (MW) to full load (e.g., 45 MW net), while continuing to meet the emission limits in the current permit.</p>	<p>Southern California Edison</p>	<p>Addendum to the April 2007 Final Mitigated Negative Declaration for the Southern California Edison Mira Loma Peaker Project in Ontario</p>	<p>A draft Addendum has been prepared by the consultant and SCAQMD staff has provided comments. The consultant is in the process of revising the Addendum.</p>	<p>Yorke Engineering, LLC</p>

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 20

REPORT: Stationary Source Committee

SYNOPSIS: The Stationary Source Committee held a meeting on Friday, May 18, 2018. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Ben Benoit, Chair
Stationary Source Committee

LT:eb

Committee Members

Present: Mayor Ben Benoit/Chair, Mayor Pro Tem Judith Mitchell, Supervisor Shawn Nelson, Supervisor Janice Rutherford (videoconference) and Supervisor Hilda L. Solis (videoconference)

Absent: Dr. Joseph Lyou/Vice Chair

Call to Order

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

INFORMATIONAL ITEMS:

1. Summary of Proposed Amended Rule (PAR) 1111 - Reduction of NOx Emissions from Natural Gas Fired, Fan-Type Central Furnaces

Tracy Goss, Manager/Planning, Rule Development and Area Sources, provided a briefing on PAR 1111 regarding proposed labeling requirements, consumer choice outreach, and the Clean Air Furnace Rebate Program.

Supervisor Nelson questioned how many people would see or read the technical literature on the unit before it was purchased, and suggested that there should not be a labeling requirement. Staff expressed that the labeling requirement was direction from the Board and that the rebate program is an additional way to reach out to the consumers.

Mayor Pro Tem Mitchell expressed that the key point is “point of sales.” Mayor Pro Tem Mitchell agreed with Supervisor Nelson that consumers typically do not see the unit. Staff understands the difficulty and that the key point is to reach out to the consumers, but expressed that labeling and other materials can help in the outreach process. Supervisor Nelson added that the SCAQMD outreach should focus more on involvement with furnace manufacturers and suppliers of the products.

Staff provided an update on progress of compliant furnace development, noting that many manufacturers have been expanding their furnace lines with compliant units.

Mr. Rusty Tharp of Goodman Manufacturing, Mr. David Stephens of Johnson Controls, and Mr. Ryan Teschner of Rheem, commented that labeling the unit will not be effective, and may cause confusion to consumers. Mr. Dave Winningham of Lennox Industries stated that the proposed labeling provisions would be tough, but they would comply. Instead, the information could be put on furnace literature. They all supported the rebate program and emphasized that additional funding should be sought to incentivize more units.

Mr. David Stephens also commented on the applicability of the existing labeling requirement for furnaces being converted to propane use. Staff explained that labeling propane conversion kits with non-compliant furnaces would be more important when the mitigation fee period ends and only compliant natural gas furnaces could be installed.

The Committee and staff had a brief discussion on the supply and mechanism for additional rebate program funds.

Mayor Pro Tem Mitchell emphasized that the point of sale is critical, and suggested literature and website information for consumer outreach.

Supervisor Solis asked District Counsel and the committee if there are any legal requirements for labeling. Mayor Benoit clarified that the discussion was about leaving the label on the box, as it is on the box and unit, or modifying it slightly. General Counsel stated that other than our rule, there are no legal requirements that this information be on the box. Mayor Pro Tem Mitchell said that there may be a legal element for not labeling the box that prevents rule enforceability.

Mayor Benoit concluded that the committee all agreed on putting the label on the shipping container but not on the unit. Staff will provide this recommendation to the full Board at the July Board meeting.

Supervisor Rutherford left the meeting at 11:00 a.m.

2. Status of Permit Backlog Reduction Efforts

Dr. Laki Tisopulos, Deputy Executive Officer/Engineering & Permitting, provided an update on the status of the permit application backlog reduction and permit automation efforts. Dr. Tisopulos reported that staff has made significant progress not just meeting, but exceeding targets set at the October 2016 Board meeting.

Supervisor Nelson asked what the backlog should look like if we utilize best management practices. Dr. Tisopulos responded that the current status of the backlog is a good representation of what the inventory should be and that this is by far the best record the SCAQMD has had in the last 30 years. Supervisor Nelson recommended a press release to advise the public of the SCAQMD's accomplishments and to celebrate the successful outcome of this effort.

Mayor Pro Tem Mitchell asked Dr. Tisopulos to explain why certain permits take a long time to get approved. Dr. Tisopulos explained that big projects, such as power plant or refinery permits, typically take a longer time and sometimes years to complete. Power plant projects for instance, may take on average five to seven years to complete. He further explained that SCAQMD is making great progress with the rest of the permits, as well as making great progress with the online permitting tools. Further detail will be provided to the Board in June.

Mayor Benoit was pleased to see permits being issued in a timely manner, which may prevent the loss of future business.

In response to an inquiry by Supervisor Solis, Dr. Tisopulos described the type of facilities included in the RECLAIM program as well as the potential impact on permitting anticipated from the phase out of the program.

WRITTEN REPORTS:

3. Notice of Violation Penalty Summary

The report was acknowledged by the Committee.

4. Home Rule Advisory Group – March 2018 Meeting Minutes

The report was acknowledged by the Committee.

OTHER MATTERS:

5. Other Business

There was no other business.

6. Public Comment Period

There were no public comments.

7. Next Meeting Date

The next regular Stationary Source Committee meeting is scheduled for Friday, June 15, 2018.

Adjournment

The meeting was adjourned at 11:20 a.m.

Attachments

1. Attendance Record
2. Notice of Violation Penalty Summary
3. Home Rule Advisory Group – March 2018 Meeting Minutes

ATTACHMENT 1

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
STATIONARY SOURCE COMMITTEE**

Attendance – May 18, 2018

Mayor Ben Benoit	SCAQMD Governing Board
Mayor Pro Tem Judith Mitchell	SCAQMD Governing Board
Supervisor Hilda L. Solis (videoconference)	SCAQMD Governing Board
Supervisor Shawn Nelson	SCAQMD Governing Board
Supervisor Janice Rutherford (videoconference)	SCAQMD Governing Board
David Czamanske	Board Consultant (Cacciotti)
Ron Ketcham	Board Consultant (McCallon)
Andrew Silva	Board Consultant (Rutherford)
Bill LaMarr	California Small Business Alliance
Rita Loof	RadTech
David Rothbart	L.A. County Sanitation Districts
Susan Stark	Andeavor
David Stephens	Johnson Controls
Ryan Teschner	Rheem Manufacturing
Rusty Tharp	Goodman
Dave Winningham	Lennox International
Barbara Baird	SCAQMD staff
Philip Fine	SCAQMD staff
Bayron Gilchrist	SCAQMD staff
Tracy Goss	SCAQMD staff
Susan Nakamura	SCAQMD staff
Wayne Nastri	SCAQMD staff
Laki Tisopulos	SCAQMD staff
Jill Whynot	SCAQMD staff

ATTACHMENT 2
DRAFT
DISTRICT'S RULES AND REGULATIONS INDEX
FOR APRIL 2018 PENALTY REPORT

REGULATION II - PERMITS

- Rule 201 Permit to Construct
- Rule 203 Permit to Operate
- Rule 222 Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II

REGULATION IV – PROHIBITIONS

- Rule 403 Fugitive Dust - *Pertains to solid particulate matter emitted from man-made activities.*
- Rule 461 Gasoline Transfer and Dispensing

REGULATION XI - SOURCE SPECIFIC STANDARDS

- Rule 1143 Consumer Paint Thinners & Multi-Purpose Solvents
- Rule 1146 Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters
- Rule 1146.1 Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters
- Rule 1147 Nox Reductions from Miscellaneous Sources
- Rule 1173 Fugitive Emissions of Volatile Organic Compounds

REGULATION XIV - TOXICS

- Rule 1403 Asbestos Emissions from Demolition/Renovation Activities
- Rule 1415 Reduction of Refrigerant Emissions from Stationary Refrigeration and Air Conditioning Systems
- Rule 1470 Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines

REGULATION XX REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

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

REGULATION XXII ON-ROAD MOTOR VEHICLE MITIGATION

Rule 2202 On-Road Motor Vehicle Mitigation Options

REGULATION XXX TITLE V PERMITS

Rule 3002 Requirements
Rule 3003 Applications

CALIFORNIA HEALTH AND SAFETY CODE

41960.2 Gasoline Vapor Recovery

CALIFORNIA CODE OF REGULATIONS

PERP 2457 Requirements for Portable Equipment Units
PERP 2459 Portable Equipment Notification

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
General Counsel's Office
DRAFT
April 2018 Settlement Penalty Report

Total Penalties

Civil Settlements: \$135,562.63
MSPAP Settlements: \$46,884.00

Total Cash Settlements: \$182,446.63
Total SEP Value: \$0.00

Fiscal Year through 4 / 2018 Cash Total: \$9,976,576.43
Fiscal Year through 4 / 2018 SEP Value Only Total: \$2,120,000.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
Civil Settlements						
21829	AVALON MUN HOSP	1470	4/5/2018	TRB	P60704	\$3,000.00
184892	BLUE HORIZON CONSTRUCTION CORP.	1403	4/12/2018	BST	P65903	\$1,500.00
177658	BURNS ENVIRONMENTAL SERVICES	1403	4/17/2018	BST	P64750 P65904 P65905	\$15,000.00
145323	CAPISTRANO UNIFIED SCHOOL DISTRICT	1146.1 203 (a)	4/19/2018	SMP	P64055 P64059	\$2,500.00
174374	DAVITA AIRPORT DIALYSIS CLINIC	203	4/6/2018	WBW	P66802	\$4,517.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
127550	FOUR POINTS HOTEL		4/4/2018	BST		\$2,200.00
		1415			P63684	
		203				
		222				
152560	MAPLEWORKS REMODELING		4/4/2018	DH		\$5,000.00
		203 (a)			P63710	
120136	NATIONAL DEMOLITION CONTRACTORS		4/3/2018	WBW		\$1,650.00
		403			P64568	
					P65257	
163406	P.W. STEPHENS ENVIRONMENTAL INC		4/17/2018	TRB		\$31,000.00
		1403			P61116	
183408	PEP BOYS		4/20/2018	WBW		\$42,995.63
		1143			P64809	
74064	UNIFIED GROCERS INC		4/12/2018	BST		\$9,500.00
		2202			P64822	
800150	US GOVT, AF DEPT, MARCH AIR RESERVE BASE		4/10/2018	BST		\$6,700.00
		2004(f)(1)			P64370	
800393	VALERO WILMINGTON ASPHALT PLANT		4/11/2018	SH		\$10,000.00
		1173			P60359	
		3002				

Total Civil Settlements: \$135,562.63

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
MSPAP						
184714	CITY OF COACHELLA	403(d)(1) 403(d)(2)	4/4/2018	JS	P64757	\$2,700.00
181068	CITY OF SOUTH PASADENA	201 203 (a)	4/4/2018	GV	P64135	\$1,600.00
183429	COUNTY OF RIVERSIDE (RV0996)	203 (a)	4/12/2018	TF	P66552	\$2,000.00
183429	COUNTY OF RIVERSIDE (RV0996)	203 (a)	4/12/2018	TF	P66553	\$4,000.00
47771	DELEO CLAY TILE CO INC	2012	4/12/2018	GC	P56344	\$500.00
174205	DION AND SONS	461(c)(1)(B)	4/12/2018	GC	P65361	\$638.00
109659	EXCEL PAVING CO INC	461	4/5/2018	GC	P64206	\$638.00
121533	FABCON INC	1147 203 (a) 203 (b)	4/5/2018	GC	P60684	\$5,100.00
121533	FABCON INC	203 (b)	4/5/2018	GC	P60687	\$1,600.00
28830	G & M OIL #1	461	4/5/2018	GC	P65735	\$450.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
28830	G & M OIL #1	461	4/5/2018	GC	P65718	\$250.00
157896	G & M OIL CO, #186	461	4/5/2018	GC	P64668	\$810.00
107942	G & M OIL CO, LLC #31	41960.2 461	4/5/2018	GC	P65719	\$843.00
11998	GOODRICH CORPORATION	203(b)	4/5/2018	GC	P63915	\$2,800.00
183567	GS II, INC.	1146 3002(c)(1)	4/12/2018	GC	P61576	\$4,250.00
159107	HIGHLAND SPRINGS MEDICAL PLAZA	1146.1	4/12/2018	GC	P56049	\$2,500.00
174130	IMPERIAL ENERGY, SOUAD ELBAIALY	203 (a)	4/5/2018	GC	P60095	\$480.00
800429	KAISER FOUNDATION HOSPITAL	3002(c)(1)	4/12/2018	GC	P65051	\$500.00
185539	PACIFICORE CONSTRUCTION	203(a)	4/12/2018	TF	P66659	\$800.00
18960	PASADENA CITY COLLEGE	1470 203 (b)	4/5/2018	TF	P65564	\$100.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
184634	THREE D SERVICE	203 (a) PERP 2457 PERP 2459	4/5/2018	GV	P65371	\$11,250.00
181801	UNITED PACIFIC #5695	203 (b)	4/5/2018	GV	P64987	\$2,000.00
185723	URENO TREE SERVICE	203(a)	4/5/2018	TF	P63768	\$375.00
134696	VERIZON WIRELESS	203 (b)	4/12/2018	TF	P64764	\$100.00
178964	VILI GROUP INC	203(a)	4/5/2018	GV	P65731	\$600.00

Total MSPAP Settlements: \$46,884.00

ATTACHMENT 3



**South Coast
Air Quality Management District**
21865 Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

HOME RULE ADVISORY GROUP

Wednesday, March 14, 2018

MEETING MINUTES

CHAIR:

Dr. Joseph Lyou, Governing Board member

MEMBERS PRESENT:

Curt Coleman (Southern California Air Quality Alliance); Bill La Marr (California Small Business Alliance); Bridget McCall (Western States Petroleum Association); Lauren Nevitt (Southern California Gas); Terry Roberts (American Lung Association of California); Larry Smith (Cal Portland Cement); and Kristen Torres Pawling (County of Los Angeles, Chief Sustainability Office); and TyRon Turner (Dakota Communications).

The following members participated by conference call: Rongsheng Luo (SCAG); Janet Whittick (California Council for Environmental & Economic Balance); Johnny Raymond (CARB); Larry Rubio (Riverside Transit Agency).

MEMBERS ABSENT:

Mike Carroll (Regulatory Flexibility Group); Michael Downs (Downs Energy);-Jaclyn Ferlita (Air Quality Consultants); Nan Harrold (Orange County Waste & Recycling); Art Montez (AMA International); Penny Newman (Center for Community Action and Environmental Justice); Dr. Clark Parker (SCAQMD Governing Board Member); David Rothbart (Los Angeles County Sanitation District); and Amy Zimpfer (EPA).

OTHER ATTENDEES:

Mark Abramowitz (Board Consultant to Dr. Lyou); John Ungvarsky (EPA); and Susan Stark (Andeavor).

SCAQMD STAFF:

Philip Fine	Deputy Executive Officer
William Wong	Principal Deputy District Counsel
Philip Crabbe	Community Relations Manager
Ann Scagliola	Administrative Secretary

OPENING COMMENTS AND SELF-INTRODUCTIONS

The meeting was called to order at 10:00 a.m. by Dr. Joseph Lyou (Chairman).

APPROVAL OF NOVEMBER 2018 MEETING MINUTES

Dr. Lyou asked for comments on the January 10, 2018 meeting minutes. Hearing none, the minutes were approved.

EPA AND FEDERAL ACTIVITIES

John Ungvarsky provided an update on recent U.S. Environmental Protection Agency (EPA) and federal activities.

SCAQMD Related Actions

- On February 16, 2018, the D.C. Circuit U.S. Court of Appeals granted decisions on SCAQMD v. EPA, No. 15-1115. EPA is considering their options with the ruling.
- EPA is working to finalize the attainment designations for the 2015 National Ambient Air Quality Standard (NAAQS) for Ozone by April 30, 2018.
- On February 12, 2018, a Federal Register notice was published for a full final approval of the 2006 PM_{2.5} Moderate Area Plan. The sanctions that resulted from a prior partial disapproval, were terminated on March 14, 2018.
- EPA continues to work through the SCAQMD 2016 Air Quality Management Plan (AQMP), with no updates at this time.
- On February 27, 2018, a Federal Register notice was published for approval of a CARB submittal for inclusion into the State Implementation Plan, related to emissions from commercial harbor craft, diesel-fueled transport refrigeration units, on-road heavy-duty diesel engines and off-highway recreational vehicles. Comments must be received by March 29, 2018.
- EPA has awarded the 2017 Diesel Emissions Reduction Act (DERA) funding to 19 recipients, in Region 9 and 10. In the South Coast there were two recipients, the SCAQMD (\$1,050,000) to replace ten 2012 or newer diesel trucks and the City of Long Beach Harbor Department (\$2,423,448) to replace old marine vessel and cargo handling equipment.
- The 2018 DERA Request for Proposals is scheduled for release in April 2018.
- The 2018 West Coast Collaborative Partners meeting will take place on October 17 - 18, 2018, at the California Railroad Museum in Sacramento.
- The Request for Proposals for 2017 Targeted AirShed Grant Program closed in October 2017 and \$30M will be awarded nationwide, but no grants have been awarded. The Request for Proposals date for 2018 Targeted AirShed Grants has not been determined.
- The 2017 funding Clean Air Technology Initiative provided funding to SCAQMD and the San Joaquin Valley Air Pollution Control District. The 2018 funding has not been determined.
- The West Coast Collaborative for the Medium & Heavy-Duty Alternative Fuel Infrastructure Corridor Coalition (AFICC) are working with partners in California, Oregon and Washington to facilitate alternative fuel infrastructure planning and deployment to support low and zero emission, medium and heavy-duty fleet operations.

Regional Update

- Elizabeth Adams has returned from a four month detail in Washington, DC and is now the Region 9 Division Director. Alexis Strauss continues as the Acting Regional Administrator.

Federal Update

- There are efforts being made by EPA to use the “Lean Six Sigma” process to improve internal efficiency, as proposed by Henry Garland, Chief of Operations.

Discussion

Dr. Lyou commented that Jared Blumenfeld, EPA Regional Administrator from 2009-2016, has started a podcast called Podship Earth.

CARB REGULATORY ACTIVITIES

Johnnie Raymond provided an update on recent CARB regulatory activities.

CARB's March Board meeting will be held in Southern California (Riverside) on March 22-23, 2018. This meeting will include the following items:

- Provide an update on SB 375 Greenhouse gas emission reduction targets, which will also include the certification of the final environmental analysis.
- Provide an update on the State Implementation Plan and the SCAQMD's Air Quality Management Plan (AQMP).
- Provide an informational update on concepts to reduce community health impacts from freight facilities, as a result of previously held CARB meetings and workshops.
- Provide an update on efforts underway to implement new AB 617 requirements.

Additional Activities

- CARB will provide \$5 million in grant funding to support community groups and Air Districts with technical assistance for AB 617. Applications must be submitted by April 12, 2018.
- On April 27, 2018, CARB will consider proposed Community Air Protection (CAP) Funds Supplements for the Carl Moyer Program Guidelines. These changes will help to facilitate timely expenditures for increased community benefit. Through the Carl Moyer Program, SCAQMD was allocated \$107.5 million in funding for eligible projects.

Discussion

Larry Smith inquired about additional information on the freight facility actions discussed at the CARB workshops. Mr. Raymond indicated that Monique Davis is the contact person for this item and her contact information can be provided. Dr. Phil Fine added that these workshops were part of direction provided by the CARB Board when SCAQMD's AQMP and the State SIP strategy were adopted in 2017. The Indirect Source Review (ISR) concepts identified will be part of a larger strategy on freight facilities. Dr. Lyou added that CARB's staff has proposed some rulemaking efforts on what they have identified as a priority that do not appear to be facility specific.

Tyron Turner inquired if the available grant funding is available for neighborhood councils. Mr. Raymond indicated that Ryan Atencio is the lead staff for the CAP project and his contact information could be provided. Dr. Fine commented that there is an eligibility list on CARB's website for reference.

LEGISLATIVE UPDATE

Philip Crabbe provided highlights from the Legislative Committee meetings held in January, February and March 2018.

In January 2018, the Legislative Committee approved sponsorship of a legislative proposal that would modernize SCAQMD public notice requirements, to make them more efficient and cost-effective. The proposed bill would seek to change current burdensome mass mailing requirements to allow for modernized methods of disseminating public notices, including the use of electronic mail and internet postings when possible. However, mailing paper notices would still be utilized if notification by electronic methods is not feasible or is requested. The following month, the Legislative Committee approved specific legislative language for this proposal.

On February 9, 2018, the Legislative Committee considered multiple action items.

A Proposed Sales Tax Increase Legislative Concept for Approval

This bill proposal would seek authorization from the Legislature to put a quarter-cent sales tax increase proposal on the ballot for voter approval within the South Coast Air District to provide air

quality funds. The bill would not directly create a ballot measure, but would only be an authorization bill to allow either SCAQMD Board action or the voter-driven initiative process to put this proposal on the ballot.

In conjunction with this proposal, there had been a draft public survey prepared by staff to garner public input relating to the proposed sales tax measure. The Committee recommended bringing this draft public survey before the Legislative Committee at its next meeting for review and approval. This review and approval occurred at a Special Legislative Committee meeting held on February 12th and the public survey was then later considered and approved by the full Board for public release. No action was taken on the potential bill proposal itself.

Proposed Public Fleet Rule Legislative Proposal and Draft Language for Approval

As part of the 2016 AQMP, the Board directed staff to seek legislative authority to authorize SCAQMD to require the accelerated purchase and use of near-zero and zero emission heavy duty on-road vehicles for public fleets within the South Coast. This bill proposal would not directly create a rule, but would simply secure legislative authorization for SCAQMD to go through the local rulemaking process on this issue, taking into account stakeholder input. Proposed bill language was also provided to the Committee for consideration. The Committee ultimately approved this item, including the draft language, with some changes to staff's proposal.

On March 9, 2018, the Legislative Committee considered multiple items.

Results of Public Survey Regarding Proposed Sales Tax Increase Proposal

A representative from Fairbank, Maslin, Maullin, Metz & Associates (FM3) presented the results of the public survey, conducted by FM3, regarding a proposed sales tax increase proposal and other air quality related data collection topics. Part of these results showed that the public still has limited knowledge about the SCAQMD and the work it does.

In response to the survey results, multiple Board Members commented that SCAQMD needs to increase public outreach efforts, as the survey showed that not many voters are familiar with SCAQMD.

The Legislative Committee moved the public survey item on to the full Board for discussion and consideration. No action was taken on the potential bill proposal itself.

Recommend Positions on State Bills

AB 2548 (Friedman) Commute benefit policies: Los Angeles County Metropolitan Transportation Authority: South Coast Air Quality Management District.

AB 2548 would authorize LA Metro, in coordination with the SCAQMD, to jointly adopt a commute benefit ordinance that requires employers within LA County, with 50 or more full-time employees, to offer a pretax option program, allowing them to exclude commuting costs from taxable wages related to public transit or vanpool charges. However, SCAQMD already administers an employee commute trip reduction program for the South Coast region, per SCAQMD Rule 2202, covering employers in the South Coast with 250 or more employees at a work site. Under this rule, employers have multiple options for compliance, including the one proposed by this bill.

This bill significantly expands the number of employers impacted, and would likely create a substantial increase in SCAQMD staffing and resource needs.

The Legislative Committee took a position of OPPOSE UNLESS AMENDED on this item. The recommended amendments would include strike references of SCAQMD from the bill to ensure that the District is not involved in the creation or administration of the proposed new program and would harmonize any new program with Rule 2202.

AB 2008 (Salas) Income taxes: exclusion: Carl Moyer Memorial Air Quality Standards Attainment Programs grants.

AB 2008 would allow all Carl Moyer grant funds to be exempt from taxable income for the purchase of new zero and/or low-emission engines. However, the current bill does not appear to exempt funds for all Moyer project types from being taxed.

The Legislative Committee recommended a position of SUPPORT WITH AMENDMENTS on this item.

The amendment would clarify that all Carl Moyer grant funds are exempted from state taxable income.

AB 2506 (Burke) State vehicle fleet: near-zero-emission vehicles.

AB 2506 would require, beginning January 1, 2020, that at least 30% of newly purchased vehicles, with a gross vehicle weight rating of 19,000 pounds or more, purchased by the Department of General Services (DGS) and other state entities, for the state fleet, be near-zero emission.

The Legislative Committee recommended a position of SUPPORT WITH AMENDMENTS on this item.

The amendment would add a definition for: "Near-Zero Emission Vehicle," which would be a vehicle that meets, or emits less than, CARB's optional low NOx emission standard of 0.02 grams per brake horsepower-hour.

Discussion

Lauren Nevitt inquired why SB 1144 was pulled and if there is an intent to bring it back to committee. Mr. Crabbe indicated that air districts want to coordinate efforts on the bill to determine the best approach.

Bill LaMarr commented on the SCAQMD Issues Survey and the number of people who are not aware of the District. Mr. Crabbe responded that there are approximately 17 million people living in the South Coast Basin and this survey is just a sampling of randomly selected voters. He indicated that at the March Legislative Committee meeting, the Board Members felt that it reflected that more outreach was needed. Dr. Lyou expressed that it should begin with the youth in school programs, then in future years there would be an awareness of the AQMD.

Kristen Pawling inquired about AB 2548 and how would it harmonize with Rule 2202. Mr. Crabbe explained that the impact of the new proposed commuter benefit program would not significantly affect the Rule 2202 program, and that SCAQMD is not part of the administration of the program.

Tyron Turner expressed the need for SCAQMD to continue outreach efforts to disadvantaged communities, by attending community based organization meetings, and the need for community liaisons. He also agreed with Dr. Lyou and encouraged outreach to the youth in the school systems. Dr. Fine commented that part of the direction received from the Board Members after the Legislative Committee meeting was to come up with a new outreach and education plan.

UPDATE REGARDING LITIGATION ITEMS AND RELATED EPA ACTIONS

William Wong provided an update to the litigation status report.

- Case #1 – A demurrer hearing was heard on March 9, 2018, the demurrer was granted and the case was dismissed.
- Case #10 – An update was provided on the February 16, 2018 court ruling and the issues of concern for SCAQMD.

LOW-COST AIR POLLUTION SENSORS

Dr. Andrea Polidori provided a presentation that summarized the current status of sensor technology and the results of almost four years of field and in the laboratory testing. Examples of sensor applications were provided along with a discussion on developing a sensor certification center involving a collaboration with other air quality agencies and organizations.

Discussion

Bill La Marr inquired if the battery charge can impact the reliability of the portable sensor data. Dr. Polidori replied no. Dr. Lyou clarified that the sensor is either on or off.

Lauren Nevitt asked how the identified community groups came to be part of the Air Quality Sensor Performance Evaluation Center (AQ-SPEC) network. Dr. Polidori indicated that SCAQMD needed to recruit two communities under the U.S. EPA STAR Grant Program, ultimately seven communities throughout California were selected.

Bridget McCann inquired about the evaluation status of the Q-Sense and the VOC sensors. Dr. Polidori indicated that the evaluation has not started yet, but hopes to start the process soon.

Kristen Pawling asked if SCAQMD is looking to develop partnerships with additional community organizations. Dr. Polidori indicated that the grant does limit the number of communities, but there are other funding options for additional communities. Dr. Fine indicated that additional funding was approved by the Board outside of the grant, through the MATES V study and AB 617 funding.

Dr. Lyou commented that the Coalition for Clean Air received funding through the California Department of Toxic Substances Control for a supplemental environmental project legal settlement for sensors along the Alameda Corridor.

Kristen Pawling inquired regarding the timeline of the communities identified through AB 617, future sensor certifications, and the relationship between the two. Dr. Polidori indicated that to have a solid certification program, involvement with other entities is essential, such as a national lab or Bay Area AQMD. He further indicated that they should perform calibrations similar to SCAQMD's and in different geographical locations, with hopefully the same results for consistency. Dr. Fine indicated that we could still deploy the well performing sensors for AB 617 even though they may not be certified.

Bill La Marr inquired if the sensor data would be used for compliance purposes or to measure pollutants in communities and neighborhoods. Dr. Fine indicated that the data is currently not being used for compliance, but this is a future possibility. Mr. La Marr further inquired if it might be used to supplement future inspections. Dr. Fine replied yes. Dr. Lyou added that it is possible that facilities could purchase low-cost sensors to demonstrate compliance. Dr. Fine replied that this is a possibility.

Janet Whittick commented that guidance on tiered applicability and QA/QC is needed, since this information would aid in the AB 617 implementation. Dr. Lyou agreed and indicated AB 617 would benefit with an understanding on the status and deployment process of low-cost sensors.

Public Comment

Susan Stark inquired about the distinction between fenceline monitoring as regulatory and community monitoring as statutory. Dr. Fine indicated that fenceline monitoring is required, but a standard was not adopted. Any thresholds would be for informational purposes.

SUBCOMMITTEE STATUS REPORTS

A. Freight Sustainability (Lauren Nevitt)

An update was provided on the following items.

- Carl Moyer Guidelines update at CARB's March Board meeting.
- Facility based measures for warehouses and fleet certifications.
- ARB's proposal on the Volkswagen settlement.

Dr. Lyou added the Governor's proposal for Greenhouse Gas Mitigation Funding for heavy-duty trucks is significantly less than last year.

B. Small Business Considerations (Bill La Marr)

An update was provided on the following items.

- RECLAIM Working Group and the transition from RECLAIM to command-and-control.
- Rule 1469 Working Group and the impacts on chrome platers.
- Discussions with Trade Association members on incentive funding.

C. Environmental Justice (Curt Coleman)

AB 617 Update (CARB)

- A draft Community Air Protection Program framework was released, which provides guidance and criteria for the community identification process.
- Air Districts will provide initial community recommendations by April 30, 2018, with their final recommendations by July 31, 2018.
- Communities can self-recommend and there is a process for them to follow.
- CARB will release a draft community recommendation list in August 2018, followed by a final list on October 1, 2018.

AB617 Update (SCAQMD) – by Dr. Philip Fine

- CARB held a technical summit in Southern California (Riverside, CA) on February 28, 2018.
- SCAQMD has provided community outreach meetings in Commerce and Wilmington, with future meetings planned for Riverside, San Bernardino and Anaheim.

Discussion

Bill La Marr requested clarification on CARB's draft framework document. Mr. Coleman indicated that CARB has referred to it as their concept paper. Lauren Nevitt indicated that they also have a separate guidelines for community selections. Dr. Fine indicated that CARB also has the RFP for \$5 million for community involvement.

Curt Coleman requested a joint update by CARB and SCAQMD at the July 2018 Home Rule Advisory Group meeting. Dr. Lyou and Dr. Fine indicated that there should be new developments to report on by this time.

Lauren Nevitt inquired if SCAQMD has progressed on the idea of line drawing communities. Dr. Fine indicated that this issue is important and is being considered.

Public Comment

Susan Stark inquired which Board committee the AB 617 Board Letter will be routed through. Dr. Fine indicated that this item will be going to the Stationary Source Committee in June 2018. Dr. Lyou commented that this is an ongoing process and not all communities are being selected in the first year. Dr. Fine indicated that SCAQMD initially wanted to provide a complete list of identified communities by July, but the initial list may only indicate communities identified for the first couple of years and priorities identified for future years. Dr. Lyou added that it is important that communities do not feel that they are in competition with each other.

D. Climate Change (David Rothbart)

There was no report.

REPORT FROM AND TO THE STATIONARY SOURCE COMMITTEE

Dr. Philip Fine provided a summary of items on the March 2018 agenda.

- RECLAIM Quarterly Report on the transition process.
- Summary of Proposed Amended Rule 408.
- Update on Proposed Amended Rule 1469.

OTHER BUSINESS

The Governing Board retreat is scheduled for May 10 & 11, 2018, at the Renaissance Indian Wells Resort in Indian Wells.

PUBLIC COMMENT

There were no comments.

ADJOURNMENT

The meeting was adjourned at 12:03 p.m. The next meeting of the Home Rule Advisory Group is scheduled for 10:00 a.m. on May 9, 2018, and will be held at SCAQMD in Conference Room CC-8.

**South Coast Air Quality Management District
HOME RULE ADVISORY GROUP - Attendance Record - 2018**

	NAME (Term: 1/1/17 - 1/1/2019)	1/10	FEB	3/14	APR	5/9	JUN	7/11	AUG	9/12	OCT	11/14	DEC
	Board/Member, Business & Community Reps, SCAQMD Staff												
1	Dr. Joseph Lyou, Chairman	X	dark	X	dark		dark		dark		dark		dark
2	Dr. Clark E. Parker, Sr., Governing Board Member			A									
3	Dr. Philip Fine (Agency Member) - SCAQMD	X		X									
4	Zimpfer, Amy (Agency Member) - EPA <i>Representing Elizabeth Adams</i>	T		T*									
5	Gallenstein, Chris (Agency Member) - CARB <i>Representing Richard Corey</i>	T*		T*									
6	Chang, Ping (Agency Member) - SCAG <i>Alternate – Rongsheng Luo</i>	T*		T*									
7	Carroll, Mike (Business Representative) <i>Alternate – Robert Wyman</i>	A		A									
8	Coleman, Curtis (Business Representative) <i>Alternate – Susan Stark</i>	X*		X									
9	McCann, Bridget (Business Representative) <i>Alternate – Patty Senecal</i>	X*		X									
10	La Marr, Bill (Business Representative)	X		X									
11	McGivney, Dan (Business Representative) <i>Alternate – Lauren Nevitt</i>	X		X*									
12	Newman, Penny (Environmental Representative)	A											
13	Roberts, Terry (Environmental Representative)	X		X									
14	Quinn, Bill (Business Representative) <i>Alternate – Janet Whittick</i>	T		T*									
15	Downs, Michael (Community Representative - McCallon)	A		A									
16	Ferlita, Jaclyn (Community Representative - Lyou)	A		A									
17	Harrold, Nan (Community Representative - Nelson)	X		A*									
18	Montez, Art (Community Representative - Lyou)	A		A									
19	Rothbart, David (Community Representative - Mitchell)	X		A*									
20	Rubio, Larry (Community Representative - Ashley)	A*		X									
21	Smith, Larry (Community Representative - Benoit)	X		X									
22	Pawling Torres, Kristen (Community Representative - Kuehl)	A		X									
23	Turner, TyRon (Community Representative - Burke)	A		X									

Attendance Codes					
X	Present	T	Teleconference	A	Absence
X*	Alternate in Attendance	T*	Alternate Teleconference Participation	A*	Absence Excused

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BOARD MEETING DATE: June 1, 2018

AGENDA NO. 21

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a meeting on Friday, May 18, 2018. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Joe Buscaino, Chair
Technology Committee

MMM:pmk

Committee Members

Present: Council Member Joe Buscaino/Chair (videoconference), Mayor Larry McCallon, Mayor Pro Tem Judith Mitchell, Council Member Dwight Robinson and Supervisor Hilda L. Solis

Absent: Supervisor Janice Rutherford

Call to Order

Chair Buscaino called the meeting to order at 12:00 p.m.

ACTION ITEMS:

Chair Buscaino asked the Committee to take Item #1 on consent. Mayor Pro Tem Mitchell indicated she had a comment on Item #1.

1. Adopt Resolution Recognizing Revenue and Accepting Terms and Conditions for Funding Agricultural Replacement Measures for Emission Reductions Program and Reimburse General Fund for Administrative Costs

The Budget Act of 2017 allocated \$135 million to be administered by CARB for FY 2017-18 grants to air districts under the Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program. CARB has allocated \$1,878,800 to the SCAQMD under this program. This action is to adopt a Resolution recognizing revenue

up to \$1.9 million from CARB into the Carl Moyer Program Fund (32) and accept terms and conditions of the FY 2017-18 FARMER Grant. This action is to also reimburse the General Fund for administrative costs to implement the FARMER Program.

Mayor Pro Tem Mitchell commented that she does not have a financial interest, but is required to identify for the record that she is a Board Member of the California Air Resources Board which is involved in this item.

Moved by Solis; seconded by McCallon; unanimously approved.

Ayes: Buscaino, McCallon, Mitchell, Robinson and Solis

Noes: None

Absent: Rutherford

2. Execute Contract for Heavy-Duty Hydrogen Vehicle Fueling Station and Receive and File California Fuel Cell Partnership Board Meeting Agenda and Activity Updates

On April 6, 2018, the CEC awarded \$8 million to Equilon Enterprises LLC for construction and operation of a renewable hydrogen vehicle refueling station at the Port of Long Beach. Equilon will own and operate the 1,000 kilogram per day truck refueling station on land sub-leased from Toyota, which (under a separate contract with FuelCell Energy) will generate hydrogen using a trigeneration system using biogas to produce up to 1.27 tons per day of renewable hydrogen. In addition to refueling Toyota vehicles at 700 bar, SCAQMD cofunding will be used to refuel heavy-duty vehicles at 350 bar, supporting various fuel cell demonstration vehicles by multiple operators in the local ports. These actions are to execute a contract with Equilon Enterprises LLC, dba Shell Oil Products US, in an amount not to exceed \$1.2 million from the Clean Fuels Program Fund (31) as well as receive and file the April 2018 California Fuel Cell Partnership Executive Board Meeting Agenda and recent activity updates.

Mayor Pro Tem Mitchell asked for clarification regarding the refueling pressures, and staff explained that 700 bar equates to 70 (megapascal) MPa. Council Member Robinson inquired about the location, and staff responded that the station will be at Port of Long Beach on Toyota property, and the 350 bar dispensing will be available at a publicly-accessible location for trucks.

Moved by Mitchell; seconded by McCallon; unanimously approved.

Ayes: Buscaino, McCallon, Mitchell, Robinson and Solis

Noes: None

Absent: Rutherford

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 Technology Committee meeting is scheduled for Friday, June 15, 2018 at noon.

Adjournment

The meeting adjourned at 12:10 p.m.

Attachment

Attendance Record

ATTACHMENT

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
TECHNOLOGY COMMITTEE MEETING
Attendance Record – May 18, 2018**

Council Member Joe Buscaino (videoconference)	SCAQMD Board Member
Mayor Larry McCallon	SCAQMD Board Member
Mayor Pro Tem Judith Mitchell	SCAQMD Board Member
Council Member Dwight Robinson	SCAQMD Board Member
Supervisor Hilda L. Solis (videoconference)	SCAQMD Board Member
David Czamanske	Board Consultant (Cacciotti)
Ron Ketcham	Board Consultant (McCallon)
Andrew Silva	Board Consultant (Rutherford)
Bridget McCann	Western States Petroleum Association
Susan Stark	Andeavor
Naveen Berry	SCAQMD Staff
Jennifer De La Loza	SCAQMD Staff
Pat Krayser	SCAQMD Staff
Fred Minassian	SCAQMD Staff
Lisa Mirisola	SCAQMD Staff
Matt Miyasato	SCAQMD Staff
Walter Shen	SCAQMD Staff
Veera Tyagi	SCAQMD Staff
Greg Ushijima	SCAQMD Staff
Vicki White	SCAQMD Staff
Paul Wright	SCAQMD Staff

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BOARD MEETING DATE: June 1, 2018

AGENDA NO. 22

REPORT: Mobile Source Air Pollution Reduction Review Committee

SYNOPSIS: Below is a summary of key issues addressed at the MSRC's meeting on May 17, 2018. The next meeting is scheduled for Thursday, June 21, 2018, at 2:00 p.m., in Conference Room CC8.

RECOMMENDED ACTION:
Receive and file.

Ben Benoit
SCAQMD Representative on MSRC

MMM:FM:psc

Meeting Minutes Approved

The MSRC unanimously approved the minutes of the March 15 and April 19, 2018 meeting. Those approved minutes are attached for your information (*Attachment 1*).

MSRC Chair Appointed and MSRC Vice-Chair Appointed

Annually the MSRC elects its chair and vice-chair. At its May 15, 2018 meeting, the MSRC unanimously appointed Larry McCallon as its Chair for a one-year term. Mr. McCallon is the Mayor for the City of Highland and represents the San Bernardino County Transportation Authority on the MSRC. The MSRC also unanimously elected Greg Winterbottom as its MSRC Vice-Chair for a one-year term. Mr. Winterbottom serves as the Public Member on the Orange County Transportation Authority (OCTA) Board of Directors and is also the Chairman of the OCTA Transit, Planning and Operations Committee and represents the OCTA on the MSRC.

Appointments to MSRC-TAC

The MSRC-TAC currently has a vacancy for the position of "Air Pollution Control Expert." This position is mandated under the California Health & Safety Code Section 44244(c). Mr. Tim Olsen has volunteered to fill this vacancy on the MSRC-TAC. Mr. Olsen currently serves as Senior Policy Advisor for Transportation Fuels and Technology of the California Energy Commission (CEC). Ms. Rhett deMesa and Mr. Sam Lerman have volunteered to serve as Alternates for this position. Ms. deMesa serves as Special Advisor to Commissioner Janea A. Scott and Mr. Lerman is an Air

Resources Engineer in the Fuels and Transportation Division, both of the CEC. The MSRC approved the appointment of Mr. Tim Olsen, as Primary, and Ms. Rhett deMesa and Mr. Sam Lerman, as Alternates, to the position of Air Pollution Control Expert to the MSRC-TAC.

FYs 2016-18 Natural Gas Infrastructure Program

The MSRC approved the release of Program Announcement #PA2017-07 under the FYs 2016-18 Work Program. The Program Announcement, with a targeted funding level of \$4.0 million, provides funds for new and expanded natural gas stations, as well as for the upgrade of existing vehicle maintenance facilities and technician training. Stations will be eligible for up to 50 percent of station capital equipment, site construction, signage, and reasonable project management costs, not to exceed the specified maximum award amounts. The maximum MSRC funding per project varies from \$100,000 to \$275,000 depending upon whether the applicant is a public or private entity, the accessibility level of the proposed project, and the number of fuels offered. Additionally, projects may be eligible for a \$100,000 bonus if they commit to use at least 50% renewable natural gas for a minimum of five years. The RFP includes an open application period commencing with its release on June 2, 2017, and closing June 29, 2018. To date, the MSRC has awarded a total of \$1,056,500. The MSRC considered recommendations concerning an additional application for the installation of a limited access CNG station. The MSRC unanimously approved a contract award to El Dorado National in an amount not to exceed \$100,000 as part of the FYs 2016-18 Work Program. This contract award will be considered by the SCAQMD Board at its June 1, 2018 meeting.

FYs 2016-18 Local Government Partnership Program

The MSRC approved the release of Local Government Partnership PON2018-01 under the FYs 2016-18 Work Program. The Invitation to Negotiate (ITN), with a targeted funding level of \$21,180,650, focuses on providing funds for projects to support SCAQMD's 2016 AQMP. Cities and counties which have opted into the AB 2766 motor vehicle registration surcharge fee program are eligible to participate. The majority of participants would be allocated maximum funding equivalent to their annual AB 2766 Subvention Fund allocation; however, those whose annual Subvention Fund allocation is less than \$50,000 would be eligible to receive a maximum of \$50,000, and the maximum allocation for any single city or county would be \$3,000,000. MSRC funding could be used for light-duty zero emission vehicle purchases and leases, medium- and heavy-duty zero emission vehicle purchases, near-zero emission heavy-duty alternative fuel vehicle purchases and repower, electric vehicle charging station installation, and construction or expansion of alternative fuel refueling infrastructure, subject to match funding requirements as outlined in the ITN. Additionally, those jurisdictions eligible for a maximum contribution of \$50,000 would have the option to pursue traffic signal synchronization, bicycle active transportation, and first mile/last mile strategies. The ITN includes an open application period commencing with its release on September 1, 2017, and closing August 2, 2018. The MSRC previously

approved awards totaling \$5,863,716 in response to this solicitation. The MSRC approved six additional awards as part of the FYs 2016-18 Work Program, as follows:

- a. A contract with the City of Pico Rivera in an amount not to exceed \$83,500 to install electric vehicle charging infrastructure;
- b. A contract with the City of Mission Viejo in an amount not to exceed \$115,690 to procure up to two light-duty zero-emission vehicles, install electric vehicle charging infrastructure, and expand an existing CNG fueling station;
- c. A contract with the City of Torrance in an amount not to exceed \$187,400 to procure up to four heavy-duty near-zero-emission vehicles and install electric vehicle charging infrastructure;
- d. A contract with the City of Lomita in an amount not to exceed \$32,750 to procure a light-duty zero-emission vehicle, install bicycle racks, and install bicycle roadway improvements;
- e. A contract with the City of Chino Hills in an amount not to exceed \$30,000 to procure up to two light-duty zero-emission vehicles and install electric vehicle charging infrastructure; and
- f. A contract with the City of Anaheim in an amount not to exceed \$239,560 to procure up to nine light-duty zero-emission vehicles and up to two medium/heavy-duty zero-emission vehicles.

These contract awards will be considered by the SCAQMD Board at its June 1, 2018 meeting.

FYs 2016-18 County Transportation Commission Partnership Program

The MSRC approved the release of an Invitation to Negotiate for the CTC Partnership Program under the FYs 2016-18 Work Program. The ITN, with a targeted funding level of \$8,000,000, seeks to stimulate the demonstration of innovative projects, as well as expand “tried and true” air quality improvement strategies. CTCs within SCAQMD are eligible to participate. Other public and private entities could participate as subcontractors to a CTC. Each CTC is eligible to receive a maximum of \$2,000,000 on a sole-source contract award basis. Eligible project types include, but are not necessarily limited to: capital improvement projects, capital purchase projects including fleet vehicle purchases that meet, at a minimum, ARB’s optional 0.02 g/bhp-hr NOx emissions standard, traffic signal coordination, ridesharing programs, active transportation programs including bicycle sharing projects, transit pass incentive programs, freeway service patrols, first mile/last mile strategies, and information technology projects that focus on air quality improvement. The ITN includes an open application period commencing with its release on December 1, 2017, and closing June 29, 2018. The MSRC previously approved awards totaling \$4,000,000 in response to this solicitation. The MSRC considered recommendations concerning a work plan submitted by Los Angeles County Metropolitan Transportation Authority (LA Metro). LA Metro proposes to apply \$2,000,000 towards the purchase of 40 zero-emission transit buses. The MSRC approved a contract award to LA Metro in an amount not to

exceed \$2,000,000 as part of the CTC Partnership Program under the FYs 2016-18 work program. The contract award will be considered by the SCAQMD Board at its June 1, 2018 meeting.

Contract Modification Requests

The MSRC considered five contract modification requests and took the following actions:

1. For City of Claremont, Contract #ML16053, which provides \$498,750 to implement the “complete streets” projects, a 22-month contract term extension, due to a longer than anticipated design process to address unanticipated community and regulatory feedback;
2. For County of Los Angeles, Department of Public Works, Contract #ML14023, which provides \$230,000 to upgrade the Westchester Maintenance Facility, a one-year contract term extension, due to unanticipated delays in obtaining Building Department approval of the HVAC design;
3. For County of Los Angeles, Contract #ML14024, which provides \$230,000 to upgrade Baldwin Park Maintenance Facility, a one-year contract term extension, due to unanticipated delays in obtaining Building Department approval of the HVAC design;
4. For County of Los Angeles, Department of Public Works, Contract #ML14025, which provides \$300,000 to install a CNG Station in Malibu, a one-year contract term extension, due to longer than expected time needed for the Gas Company to connect the station to the meter; and
5. For Los Angeles County Metropolitan Transportation Authority (Metro), proposed Contract #MS18025, which provides \$1,324,560 to provide special bus and train service to Dodger Stadium, the Metro requests to modify the train service to be provided in support of “cross-town rivalry” games with the Los Angeles Angels of Anaheim.

Contracts Administrator’s Report

The MSRC’s AB 2766 Contracts Administrator provides a written status report on all open contracts from FY 2004-05 through the present. The Contracts Administrator’s Report for March 29 through April 25, 2018 is attached (*Attachment 2*) for your information.

Attachments

1. Approved March 15 and April 19, 2018 Meeting Minutes
2. March 29 through April 25, 2018 Contracts Administrator’s Report



MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
THURSDAY, MARCH 15, 2018 MEETING MINUTES
21865 Copley Drive, Diamond, Bar, CA 91765 - Conference Room CC-8

MEMBERS PRESENT:

(Vice-Chair) Larry McCallon, representing SBCTA
Brian Berkson (Alt.), representing RCTC
Michael Carter, representing California Air Resources Board
Michele Martinez, representing SCAG
Dolores Roybal Saltarelli, representing Regional Rideshare Agency (via v/c)
Greg Winterbottom, representing OCTA
Mark Yamarone (Alt.), representing Los Angeles County MTA (via v/c)

MEMBERS ABSENT:

(Chair) Greg Pettis, representing RCTC
Jack Kitowski, representing California Air Resources Board
Steve Veres, representing LA County MTA

MSRC-TAC MEMBERS PRESENT:

MSRC-TAC Chair Gretchen Hardison representing City of Los Angeles
Rongsheng Luo, representing SCAG
Kelly Lynn, representing SBCTA

OTHERS PRESENT:

Ruben Aronin, Better World Group
Sam Emmersen, Better World Group
Ric Teano, OCTA

SCAQMD STAFF & CONTRACTORS

Leah Alfaro, MSRC Contracts Assistant
Penny Shaw Cedillo, MSRC Administrative Liaison
Jennifer de la Loza, Secretary
Ray Gorski, MSRC Technical Advisor-Contractor
John Kampa, Financial Analyst
Cynthia Ravenstein, MSRC Contracts Administrator
Greg Rowley, Information Technology Specialist
Veera Tyagi, Principal Deputy District Counsel

CALL TO ORDER

- Call to Order

MSRC Vice-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: BRIAN BERKSON, MICHAEL CARTER, MICHELE MARTINEZ, LARRY MCCALLON, DOLORES ROYBAL SALTARELLI, GREG WINTERBOTTOM, MARK YAMARONE.

STATUS REPORT

Copies of the Clean Transportation Policy Update were distributed at the meeting. Cynthia Ravenstein, MSRC Contracts Administrator highlighted a report about the best practices to make electric vehicle friendly cities in California. This information goes hand and hand with the work that the Luskin Center is doing on multi-unit housing and workplace charging.

CONSENT CALENDAR (Items 1 through 5)**Receive and Approve Item****Agenda Item #1 – Minutes for the February 15, 2018 MSRC Meeting**

The minutes of the February 15, 2018 meeting were not available.

Information Only - Receive and File**Agenda Item #2 – MSRC Contracts Administrator’s Report**

The MSRC AB 2766 Contracts Administrator’s Report for January 25 through February 21, 2018 was included in the agenda package.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #5, THE
MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE
CONTRACTS ADMINISTRATOR’S REPORT FOR JANUARY 25 THROUGH
FEBRUARY 21, 2018.

AYES: BERKSON, CARTER, MARTINEZ, MCCALLON, ROYBAL
SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: Staff will include the MSRC Contracts Administrator’s Report in the MSRC Committee Report for the April 6, 2018 SCAQMD Board meeting.

Agenda Item #3 – Financial Report on AB 2766 Discretionary Fund

A financial report on the AB 2766 Discretionary Fund for February 2018 was included in the agenda package.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #5, THE
MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL
REPORT FOR THE PERIOD ENDING FEBRUARY 2018.

AYES: BERKSON, CARTER, MARTINEZ, MCCALLON, ROYBAL
SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: No further action is required.

For Approval – As Recommended**Agenda Item #4 – Consider Three-Month Term Extension by County of Los Angeles, Department of Public Works, Contract #ML05014 (\$204,221 – Florence/Mills Avenue Signal Synchronization Project)**

The County requested a six-month term extension. Due to the impending contract expiration date, a three-month term extension was processed administratively in order to allow sufficient time for the MSRC to consider the remainder of the extension request. Therefore, an additional three-month extension would fulfill the County's request.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #5, MSRC
UNANIMOUSLY VOTED TO APPROVE THE THREE-MONTH TERM
EXTENSION TO THE COUNTY OF LOS ANGELES, CONTRACT
#ML05014.

AYES: BERKSON, CARTER, MARTINEZ, MCCALLON, ROYBAL
SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #5 – Consider Nine-Month Term Extension by City of Bellflower, Contract #ML12051 (\$100,000 – Install Electric Vehicle Charging Infrastructure)

The City requested a one-year term extension as a result of delays associated with the prospective station vendor. Due to the impending contract expiration date, a three-month term extension was processed administratively in order to allow sufficient time for the MSRC to

consider the remainder of the extension request. Therefore, an additional nine-month extension would fulfill the City's request.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #5, THE
MSRC UNANIMOUSLY VOTED TO APPROVE THE NINE-MONTH TERM
EXTENSION TO THE CITY OF BELLFLOWER, CONTRACT #ML12051.
AYES: BERKSON, CARTER, MARTINEZ, MCCALLON, ROYBAL
SALTARELLI, WINTERBOTTOM, YAMARONE.
NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

ACTION CALENDAR

Agenda Item #6 – Introduction to New MSRC Website

Ruben Aronin and Sam Emmersen from The Better World Group presented an overview of the recently revamped MSRC website.

Mr. Aronin stated we are especially excited about some of the things you can't see, it has a lot more user-friendly ability to make changes, updates and edits to content. If there is feedback that you have on the content, please give it to Cynthia Ravenstein and her team for us to consider because it is a lot easier than it used to be to keep it fresh and updated. Geographics is the contractor that was hired to revamp the website. We are really pleased with the functionality, as well as the look and feel of it. In addition to working well with any desktop or laptop, it will also work well on tablets and mobile devices. It is optimized to load quickly and be a user-friendly tool for our two core audiences: those who are looking to apply for any of the open solicitations as well as for your broader group of constituents that are looking for resources on funding. We updated the look and feel of the logo. That header is consistent throughout, it populates our Facebook site, letterhead and other collateral. Folks can, as they always have, sign into the website with a username and password but if they don't want to bother with that, folks can just leave their email address on the footer that stays on the website and be able to get our e-news a little more easily. We encourage and invite you to send this out to folks so that we can grow our quarterly news update list. The core navigation takes you to Requests for Proposals, upcoming meetings, the news portal and sign in.

MSRC Member Greg Winterbottom questioned does it continue to scroll through the pictures?

Mr. Aronin replied yes, it has some dynamism that's built into it rather than having a static landing page. Those are portals that we can update over time or when we have programs. Those are stock beauty images but we can also program with any of our funded projects.

MSRC VICE-Chair Larry McCallon commented he called it up on his phone and it was easy. Mr. Aronin replied more than half of websites are now viewed on a mobile devices and tablets rather than computers. That was an important update for us. Most of the navigation components

were just lifted from the old website with a new look and feel. The Who We Are tab tells us about all of you, followed by the TAC members. People can learn more about the history, the accomplishments, and the policies through that tab. The meetings, agendas, and minutes tab is straightforward. People can find out when your meetings are and review the minutes as well. We have a more robust media section, under the Media/Library tab. For the first time it is populated with a couple of videos: the PSAs from the Rideshare Thursday campaign and the edited clip from the MSRC and Metro Dodger night from a year ago. You can also find our E-news and newsletter.

Ms. Emmersen added the policy update that you received today, we do on a monthly basis. We have old editions, in case someone is tracking a particular issue. They can go back and research where a particular policy started and track where it is now. They come up as a PDF and are very easy to print out. Mr. Aronin added the policy update tool is something that a lot of local government staff are really interested in. It's a resource we can send for current update, it's like a Snapshot of what's happening in policy. We encourage you to send it out to anyone who was asking what's going on now.

Ms. Emmersen commented the next tab is the Contractor Resources, which is very important. The digital badge is here and we refreshed the logo and the look here, so it is consistent throughout. The Resources for our project partners are much easier to find and to navigate. The last tab is Contact, that shows how to find the MSRC staff. One thing I wanted to highlight that is new on the homepage, is the MSRC spotlight. We want to draw people's attention to the latest and greatest with the MSRC. We will put news items up there, the Local Government Partnership extension is there, so people can easily see this right away when they come to the website. Cynthia and her staff worked really hard on it. You should be very proud of it.

Mr. McCallon questioned who updates it and keeps it current. Ms. Emmersen replied Cynthia and her staff will update the website with help from us. Mr. Aronin added the Better World Group programs the monthly news and quarterly newsletter updates.

Mr. McCallon commented there's nothing worse then going to a site that has stale stuff on it. If it is not updated and current, it is not very useful. I know that takes some effort and I assume that we have appropriate effort. Cynthia Ravenstein, MSRC Contracts Administrator added MSRC isn't doing something new everyday but we are trying to keep new things there. The Better World Group also helps with keeping the Facebook page updated; they take the lead on that.

MSRC Member Michele Martinez questioned why we only have Facebook and Twitter; why don't we have Instagram. A lot of people are now on Instagram. Mr. Aronin replied one of the things that we would need for Instagram, is good pictures. It's very visual and we do not get a lot of photo content from our partners. If we are putting a press release statement or a newsworthy item, that's easy to flag in Facebook and Twitter but for Instagram to be viable, it's really an image based medium and we are not generating enough photos. That is something that would be worth exploring with our partners.

Ms. Martinez questioned is it possible to use Google to translate to different languages? Mr. Aronin replied that is a great question and suggestion. It won't do the graphic buttons but it will translate all the other text within it. We will follow up on that.

ACTION: No further action is required.

FYs 2016-18 WORK PROGRAM

Agenda Item #7 – Consider Funding for Applications Received under the Natural Gas Infrastructure Program

Cynthia Ravenstein, MSRC Contracts Administrator, reported the MSRC allocated \$4 million to fund new and expanded CNG and LNG refueling stations, as well as modifications to vehicle maintenance facilities and technician training. The MSRC has received one additional application from the Irvine Ranch Water District requesting \$190,000 to install a new limited access CNG station and obtain technician training. The MSRC-TAC unanimously recommends approval this award.

ON MOTION BY MSRC MEMBER MICHAEL CARTER AND SECONDED BY MSRC MEMBER MICHELE MARTINEZ, THE MSRC UNANIMOUSLY VOTED TO APPROVE AWARD TO IRVINE RANCH WATER DISTRICT FOR \$190,000.

AYES: BERKSON, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: This item will be considered by the SCAQMD Board at its April 6, 2018 meeting.

Agenda Item #8 – Consider Funding for Applications Received under the Local Government Partnership Program

Cynthia Ravenstein, MSRC Contracts Administrator, reported the MSRC allocated over \$21M under the Local Government Partnership Program to fund projects with cities and counties that participate in the AB 2766 Subvention fund. This recommendation is for eight awards totaling \$514,480. There was an additional application that was submitted, but they had not gone to their City Council to make the required presentation. That will be brought forward for consideration at a later date.

Vice-Chair Larry McCallon questioned how are we advertising this to the cities and jurisdictions? Ms. Ravenstein added we are going to be meeting with SCAQMD's Public Affairs and Transportation departments tomorrow afternoon to talk about next steps. We are also going to be making sure that everyone that hasn't applied yet is aware that the deadline is extended through emails and notices on our websites. Any ideas that you have would certainly be appreciated. Mr. McCallon asked if the Transportation Commissions are advertising this so that the cities are aware of the program? Ric Teano, OCTA, added that the Orange County Transportation Authority is supplementing the outreach that the MSRC staff is doing. Mr. McCallon questioned San Bernardino. MSRC-TAC Member Kelly Lynn replied we can certainly do something with the managers. Mr. McCallon added it is a program begging for applications. MSRC Member Michele Martinez questioned is it possible to send it to the COGs, the executive

directors? Since you're dealing with all the cities and typically if we are all engaged, we definitely forward it to our cities. I haven't seen anything beyond ourselves pushing it out there.

MSRC Alternate Michael Carter questioned do you have any kind of sense of how much those applicants are asking for, would it come closer to the \$21M that we have available. Ms. Ravenstein replied we did get at least one large application from the County of Los Angeles. That's the most recent application that we have received. The total is approximately \$4M, that includes the applications you have already approved.

Mr. McCallon asked for a reminder of the match requirement. Ms. Ravenstein replied it depends on the particular category that they are choosing to pursue. The one with the lowest requirement is publicly accessible charging infrastructure. There's probably some correlation on why that is so popular. If it is limited access CNG station, then they have to come up with 75% of the funding and the MSRC funding can't be more that 25%. It really does vary depending on the specific project and the type of vehicle they want to buy.

Ms. Martinez commented in regards to on-street parking, do we know how many cities are actually putting in that infrastructure? I know that it is now considered a best practice that we should be looking into on-street parking. Mr. Gorski replied very few cities are doing on-street parking. Ruben Aronin, The Better World Group added the City of LA has the most aggressive program. They have 50 that are going in and 200 a year for the next several years. That's because they can work with the LADWP and the City to kind of choreograph that.

Ms. Martinez questioned is anyone doing a white paper on it? I think a lot of us are asking that, so if we are putting these EV chargers in city facilities, we are pretty much just serving the people that actually go visit City Hall, or they're just for our city employees. That was my question and they said they really have to think about it. Maybe someone can summarize what they're doing but it is important for us as we move towards this. I also met with a property owner that owns about 800 units, he has over 6 apartments, he said he would love to do bike share and also electrical vehicle charging but he said he can't afford it. Will an apartment owner like himself, be eligible for these dollars? Mr. Gorski replied the MSRC has already set aside funding to do the implementation of multi-unit dwelling charging infrastructure, not under this program specifically. The MSRC has allocated funding towards that element. Multi-unit developments are one of the tougher nuts to crack when it comes to EVSE because there is very little upside benefit to the individual or entity that owns that property. That's why we have invested some money to do some research with the Luskin Center of UCLA. Having someone come forward is great and we would want to engage that individual to find out a little bit more about what their intentions are, where their location is and how that specific site can accommodate EVSE.

MSRC-TAC Chair Gretchan Hardison commented she would be happy to connect MSRC Member Michele Martinez with LADWP's electric vehicle transportation staff, if she would like to speak with them about the light pole and utility pole chargers that they have been installing.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, THE MSRC
UNANIMOUSLY VOTED TO APPROVE AWARDS TO THE CITIES OF
GRAND TERRACE, DIAMOND BAR, ARCADIA, DUARTE, CALABASAS,

WESTLAKE VILLAGE, INDIAN WELLS AND WESTMINSTER TOTALING \$514,480.

AYES: BERKSON, CARTER, MARTINEZ, MCCALLON, ROYBAL
SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: This item will be considered by the SCAQMD Board at its April 6, 2018 meeting.

Agenda Item #9 – Consider Alternative Approach to Implementing Hydrogen Infrastructure Element of FYs 2016-18 Work Program

Ray Gorski, MSRC Technical Advisor reported that back in November, the MSRC took an action to make a funding award to the California Energy Commission to work with the MSRC and the other project partners, specifically the South Coast Air Quality Management District and California Air Resources Board, to implement hydrogen refueling stations throughout the basin. This is a recommendation from your Technical Advisory Committee to make a modification to how the program will be implemented. As the result of discussion between the MSRC staff and the Energy Commission, as well as the South Coast AQMD, it was determined that the original approach of providing a sole-source award to the Energy Commission might in some ways not allow the MSRC to retain the level of flexibility that historically the MSRC has had to identify projects and apply funding towards them.

We are going to introduce an approach that we feel will both retain the original intentions of the program, that is to have a funding program that has partnerships with the South Coast AQMD, the California Energy Commission and the California Air Resources Board, but will also retain a level of flexibility for the MSRC to make sure that the stations that you feel are worthy of the allocations can receive them. This has been vetted rather extensively. We had close coordination with the California Energy Commission and the South Coast AQMD as the major funding partners. This has also been reviewed by the South Coast AQMD's Executive Management and they have concurred. The approach is called a Program Opportunity Notice (PON). We feel that this will allow the utmost flexibility, allow the broadest number of applicants to be brought forward and still retains the positive elements of the original approach: a funding partnership between the state regulatory agencies and the MSRC. It does allow participation by other stakeholders. There's really no prohibition as to who can come in and work with the MSRC to implement a hydrogen refueling station.

The specific attributes of the program are that it retains the current funding level previously allocated of \$3M. It sets in place a mechanism for the MSRC to augment that amount in the future should they choose to. It establishes a geographic funding minimum which was not an element of the original approach. It also puts forth a recommended initial period of having applications accepted that can be extended at the discretion of the MSRC. The whole idea was to remove some perceived impediments of the sole-source contract with the CEC, retaining the same level of participation from all of the stakeholder agencies but also provide the MSRC with additional flexibility in making project awards. We feel the approach that has been put forth by staff and the MSRC-TAC is something that is very doable. The MSRC has a long successful history of using PONs as procurement instruments. The only thing an applicant really needs to do is provide a very concise project description concept and the MSRC staff will work with that

project proponent to develop it into a project which will be brought forth for your consideration. Flexibility here is the key. What this allows the MSRC to do is really the following: if a project partner, for example, the Energy Commission approaches the MSRC with a station that has been decided to be mutually beneficial to all parties, the MSRC can enter into a sole-source award with the CEC, exactly as you would have been able to do under the prior program structure. However, if you find that there is a geographic area in which there are lots of project proponents seeking MSRC funding, you can have staff put together a Request for Proposals and then do a competition amongst those entities to determine which is the best fit with the MSRC. There is a mechanism in place that if a station doesn't appeal to you, you can simply decline it and there is no further action required. The nice part is, they don't have to put forth a full-blown proposal and a lot of staff time to develop it. They can put in a concept paper, we can do an initial evaluation, if it's not going to work, we can tell them before they expend a lot of effort. If it's something that the MSRC would like to look at, we will have them provide additional data for your review.

Today we ask that the MSRC nullify the action that was taken at the November 17, 2017 meeting, approving a sole-source award with the California Energy Commission, and instead issue an authorization for the Program Opportunity Notice that would be submitted to the South Coast AQMD for their consideration at the April 6, 2018 meeting. There is ample opportunity for the MSRC to provide comments, suggestions or recommendations to the PON.

MSRC Alternate Brian Berkson questioned what is the negative downside. Mr. Gorski replied there is none.

MSRC Member Greg Winterbottom questioned what's good about the dollar amounts? Do we meet the \$500,000 per county minimum usually? How is this going to function? Mr. Gorski replied in this case there is a high probability we will meet or exceed the county minimum. We've already been made aware of some potential station locations within the Inland Empire. We know that there is an effort to go out and do some additional marketing to entice some key locations to implement hydrogen refueling. We did meet with the South Coast AQMD throughout this process, as well as, the Energy Commission. John Kato, the Chair of your MSRC-TAC's Infrastructure Subcommittee, is a partner in coming up with this new approach. It was recognized as we were going through the contract formation process that there were some good things and then there were some things that probably would be not as good. We tried to keep the good things and try to make sure there weren't any impediments. We feel that the \$500,000 is going to be met within each of the four counties and hopefully exceeded. This program is open for two years and can easily be amended by the MSRC to increase both the dollar value as well as the length of time. All of the stakeholders are on board.

Mr. Winterbottom commented if we get more requests than we can fund, we can move monies around to get into this because we always have monies left on other programs.

**ON MOTION BY MSRC MEMBER MICHELE MARTINEZ AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, THE MSRC
UNANIMOUSLY VOTED TO RESCIND THE PREVIOUS \$3.0 MILLION
AWARD TO THE CALIFORNIA ENERGY COMMISSION AND ISSUE A
\$3.0 MILLION PROGRAM OPPORTUNITY NOTICE FOR HYDROGEN
INFRASTRUCTURE PROJECTS.**

AYES: BERKSON, CARTER, MARTINEZ, MCCALLON, ROYBAL
SALTARELLI, WINTERBOTTOM, YAMARONE.
NOES: NONE.

ACTION: This item will be considered by the SCAQMD Board at its April 6, 2018 meeting.

Agenda Item #10 – Other Business

- Cynthia Ravenstein, MSRC Contracts Administrator commented we are kicking off the process starting to schedule our workshops for the next Work Program Development. You may be hearing from The Better World Group or your TAC member soon about seeing if you are able to attend one of the workshops as we collect input on what type of things we would like to fund next.

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 2:38 p.m.

NEXTMEETING

Thursday, April 19, 2018 at 2:00 p.m., Room CC8.



MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
THURSDAY, APRIL 19, 2018 MEETING MINUTES
21865 Copley Drive, Diamond, Bar, CA 91765 - Conference Room CC-8

MEMBERS PRESENT:

(Chair) Greg Pettis, representing RCTC
(Vice-Chair) Larry McCallon, representing SBCTA
Brian Berkson (Alt.), representing RCTC
Jack Kitowski, representing California Air Resources Board
Greg Winterbottom, representing OCTA
Mark Yamarone (Alt.), representing Los Angeles County MTA (via v/c)

MEMBERS ABSENT:

Ben Benoit, representing SCAQMD
Michele Martinez, representing SCAG
Dolores Roybal Saltarelli, representing Regional Rideshare Agency
Steve Veres, representing LA County MTA

MSRC-TAC MEMBERS PRESENT:

Rongsheng Luo, representing SCAG
Vicki White, representing SCAQMD

OTHERS PRESENT:

Lauren Dunlap, SoCalGas
Ruben Aronin, Better World Group
Ric Teano, OCTA

SCAQMD STAFF & CONTRACTORS

Leah Alfaro, MSRC Contracts Assistant
Penny Shaw Cedillo, MSRC Administrative Liaison
Ray Gorski, MSRC Technical Advisor-Contractor
John Kampa, Financial Analyst
Megan Lorenz, Principal Deputy District Counsel
Fred Minassian, Asst. Deputy Executive Officer
Cynthia Ravenstein, MSRC Contracts Administrator
Paul Wright, Information Technology Specialist

CALL TO ORDER

- Call to Order

MSRC Vice-Chair Larry McCallon called to order at 2:08 p.m.

Roll call was taken at the start of the meeting. The following members and alternates were present: BRIAN BERKSON, JACK KITOWSKI, LARRY MCCALLON, GREG PETTIS, GREG WINTERBOTTOM, MARK YAMARONE.

STATUS REPORT

Copies of the Clean Transportation Policy Update were distributed at the meeting.

MSRC Vice-Chair Larry McCallon stated for the record that for Agenda Items #5 and #8, he does not have any financial interest, but is required to identify that he is a Board Member for the San Bernardino County Transportation Authority and Southern California Association of Governments, which is involved in these items.

MSRC Member Greg Winterbottom stated for the record that for Agenda Item #8, he does not have any financial interest, but is required to identify that he is a member of the Southern California Regional Rail Authority Board of Directors, which is involved in this item.

CONSENT CALENDAR (Items 1 through 6)**Receive and Approve Item****Agenda Item #1 – Minutes for the March 15, 2018 MSRC Meeting**

The minutes of the March 15, 2018 MSRC meeting were not yet ready and therefore, were pulled from the agenda.

Agenda Item #2 – Summary of Final Report by MSRC Contractors

The MSRC received and approved the final report summary this month, as follows:

- Transit Systems Unlimited, Contract #MS16084, which provided \$565,600 for the Hollywood Bowl-Union Station Shuttle

ON MOTION BY MSRC VICE-CHAIR LARRY MCCALLON AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #6, THE

MSRC UNANIMOUSLY APPROVED THE FINAL REPORT LISTED ABOVE.

AYES: KITOWSKI, MCCALLON, PETTIS, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: MSRC staff will file the final report and release any retention on the contract.

Information Only - Receive and File

Agenda Item #3 – MSRC Contracts Administrator’s Report

The MSRC AB 2766 Contracts Administrator’s Report for February 22 through March 28, 2018 was included in the agenda package.

ON MOTION BY MSRC VICE-CHAIR LARRY MCCALLON AND SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #6, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE CONTRACTS ADMINISTRATOR’S REPORT FOR FEBRUARY 22 THROUGH MARCH 28, 2018.

AYES: KITOWSKI, MCCALLON, PETTIS, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: Staff will include the MSRC Contracts Administrator’s Report in the MSRC Committee Report for the May 4, 2018 SCAQMD Board meeting.

Agenda Item #4 – Financial Report on AB 2766 Discretionary Fund

A financial report on the AB 2766 Discretionary Fund for March 2018 was included in the agenda package.

ON MOTION BY MSRC VICE-CHAIR LARRY MCCALLON AND SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #6, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE PERIOD ENDING MARCH 2018.

AYES: KITOWSKI, MCCALLON, PETTIS, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: No further action is required.

For Approval – As Recommended**Agenda Item #5 – Consider Modified Project List and Seven-Month Term Extension by Southern California Association of Governments (SCAG) (\$2,500,000 – Implement “Go Human” Program)**

MSRC Chair Greg Pettis stated for the record that for Agenda Item #5, he does not have any financial interest, but is required to identify that he is a Board Member for Southern California Association of Governments, which is involved in this item.

Some of the previously approved projects have opted out of the Program. SCAG requests to substitute projects within the same counties as those projects being replaced: Chino in place of Redlands, Riverside in place of Hemet, South El Monte in place of Rancho Palos Verdes, and Los Angeles in place of El Segundo. Additionally SCAG requests a seven-month term extension to accommodate the substitutions as well as delays in some of their matching projects.

ON MOTION BY MSRC VICE-CHAIR LARRY MCCALLON AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #6, MSRC
UNANIMOUSLY VOTED TO APPROVE MODIFIED PROJECT LIST AND
SEVEN-MONTH TERM EXTENSION FOR SOUTHERN CALIFORNIA
ASSOCIATION OF GOVERNMENTS.

AYES: KITOWSKI, MCCALLON, PETTIS, WINTERBOTTOM, YAMARONE.
NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #6 – Consider Modified Station Specifications, Contract Value Reduction and One-Year Term Extension by City of South Pasadena, Contract #ML16025 (\$180,535 – Expand CNG Station and Purchase HeavyDuty CNG Vehicle)

The City of South Pasadena requests to substitute the installation of an all-in-one unit with additional buffer storage for the installation of a separate compressor and storage vessels. As the new configuration would have a lower total cost, the contract value would be reduced by \$20,000. The City further requests a one-year contract term extension.

ON MOTION BY MSRC VICE-CHAIR LARRY MCCALLON AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #6, MSRC
UNANIMOUSLY VOTED TO APPROVE MODIFIED STATION
SPECIFICATIONS, CONTRACT VALUE REDUCTION AND ONE-YEAR
TERM EXTENSION FOR THE CITY OF SOUTH PASADENA, CONTRACT
#ML16025.

AYES: KITOWSKI, MCCALLON, PETTIS, WINTERBOTTOM, YAMARONE.
NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

ACTION CALENDAR (Items 7 through 9)
FYs 2016-18 WORK PROGRAM

Agenda Item #7 – Consider Funding for Applications Received under the Local Government Partnership Program

MSRC Chair Greg Pettis stated for the record that he has to recuse himself from the City of Carson portion of Agenda Item #7 because of past employment and left the room; however, he did vote on the remaining portion of the same Agenda Item #7.

Cynthia Ravenstein, MSRC Contracts Administrator, reported the City of Carson has requested Southern California Association of Governments \$106,250 for light-duty zero-emission vehicles and electric vehicle charging infrastructure. The MSRC-TAC recommends approval of this award.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM AND
SECONDED BY MSRC MEMBER JACK KITOWSKI, THE MSRC
UNANIMOUSLY VOTED TO APPROVE AN AWARD TO THE CITY OF
CARSON FOR \$106,250.

AYES: BERKSON, KITOWSKI, MCCALLON, WINTERBOTTOM, YAMARONE.
NOES: NONE.

Ms. Ravenstein continued with respect to balance of this item, noting there are some typos in the table of Recommended Awards on page 3. The last column should read "Award Amount" not "Funding Request." The City of San Fernando had requested a larger amount of funding, they requested \$10,000 for a light-duty zero-emission vehicle but were also requesting \$20,000 for traffic signal cabinets. Putting in traffic signal cabinets on their own without doing the signal synchronization wasn't going to achieve any emissions benefits. The Subcommittee and the TAC recommended that the City of San Fernando revisit that portion of their application and potentially revise it and resubmit it; they still have until August 2nd for that part. The TAC recommends that the MSRC just fund the \$10,000 for the light-duty vehicle right now. That has been communicated to the City and they are looking into revising their application. Also, the incorrect amount was listed for the City of Garden Grove, their application is for \$53,593 for light-duty zero-emission vehicles as well as electric charging infrastructure to support them. The total of the recommended awards is \$5,081,695.

MSRC Member Jack Kitowski questioned is there more detailed information? Cynthia Ravenstein replied what type of information were you looking for? Mr. Kitowski replied a lot of what we do at the California Air Resources Board, we are also responsible for different incentive programs that crisscross many of these categories. I am very interested in understanding who's coming to you and the details of what exactly are the near-zero heavy-duty vehicles, or the medium-duty charging infrastructure, what are they putting in, what are the makes and models. Ms. Ravenstein replied we aren't holding them necessarily to specific makes and models, some of them disclose that but they were not required to. I can prepare that information for you. Mr. Kitowski added this category still seems to be lagging behind in the amount of allocation that we thought it would get with the \$20M, what was the extended timeframe. Ms. Ravenstein replied it was hoped that more applications would have been received sooner. The original deadline was a little over a month ago, once a lot of the local governments who were working on applications

found out the deadline has been extended, it suddenly becomes not as pressing. We have also notified all of the local governments that have not submitted their applications about the extension of the deadline, and as a result I have heard from some local governments that we have not heard from previously. Our goal is to get as close to 100% participation as possible. Mr. Kitowski commented should we put in a backup plan for this funding or do you have thoughts, if it is not spent. Ray Gorski, MSRC Technical Advisor, replied this program opportunity will close on August 2nd and on or about that time that MSRC will be having their Retreat and deliberations as to how to utilize the MSRC Discretionary Funds. We will have knowledge as to how much of that \$20M has been requested at the time; that funding will simply roll into the upcoming Work Program. Any residual balance and turn back funds will be added to that amount.

MSRC Member Greg Winterbottom asked what does that seem like it's going to be. Mr. Gorski replied we are expecting to have some amount of funding as a residual balance in the Infrastructure Program based on the natural gas element of that program. There's going to be a recommendation from your TAC to have that funding roll into the new Hydrogen PON. There will be approximately \$16.4M annually if you have a two-year Work Program again.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM AND
SECONDED BY MSRC VICE CHAIR LARRY MCCALLON, THE MSRC
UNANIMOUSLY VOTED TO APPROVE AWARDS TO THE CITIES OF
AGOURA HILLS, ANAHEIM, BEAUMONT, CHINO, CULVER CITY,
DOWNEY, GARDEN GROVE, GLENDALE, IRVINE, LA HABRA HEIGHTS,
LONG BEACH, LYNWOOD, MALIBU, MORENO VALLEY, PARAMOUNT,
PERRIS, RANCHO CUCAMONGA, REDLANDS, RIVERSIDE, SAN
FERNANDO, SANTA ANA, WEST HOLLYWOOD, WHITTIER, YORBA
LINDA, AND THE COUNTY OF LOS ANGELES FOR \$4,975,445.
AYES: KITOWSKI, MCCALLON, PETTIS, WINTERBOTTOM, YAMARONE.
NOES: NONE.

ACTION: This item will be considered by the SCAQMD Board at its May 4, 2018 meeting.

Agenda Item #8 – Consider Work Plan Received under the CTC Partnership Program

Ray Gorski, MSRC Technical Advisor reported this item is under the 2016-18 CTC Partnership Program. Under this program \$2M was allocated to each of the four County Transportation Commissions within the South Coast Air Basin. This is a request for funding allocation from San Bernardino County Transportation Authority (SBCTA); they are requesting that their \$2M allocation be applied to a Fare Reduction Program for the San Bernardino Line of the Metrolink Rail System. Over the past few years, they have experienced a decline in ridership; they believe by lowering the fares and having that sustained for a period of time, they can bring back their prior riders but also potentially increase their overall ridership by making the fare structure more attractive to new rail users. This will be matched in the amount of \$814,999 from SBCTA, as well as an additional contribution of \$4.2M from Los Angeles Metro. We are anticipating that the MSRC funding will be allocated over an approximately four-year period. There is the belief that the ridership will reach a net-zero, meaning that the MSRC money will be used for approximately four-years, and at that time the rail fare will remain constant but the increased

revenue as a function of additional riders is going to offset any short-term losses that they will have experienced. This means that the number of riders and the revenue is going to be sufficient to sustain the operation costs even at the reduced fare structure. The initial belief is that four years will be sufficient, and break even will be in year five. However, in the event that the program is discontinued or if the fare reduction is for a longer period, we would like to contract to accommodate that flexibility. This is a partnership between MSRC, SBCTA, SCRRA, and LA Metro/MTA.

MSRC Vice-Chair Larry McCallon commented this is a program that originated at Metro asking for a partnership to increase ridership. As you know ridership has gone down, primarily because of the Gold Line extension. The Gold Line is a lot cheaper. There's also competition from some of the express buses. They are all in the same corridor. We have seen this work on the Antelope Valley Line; ridership picked up when they reduced the fares. We are very hopeful that this will also increase ridership.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM AND
SECONDED BY MSRC VICE-CHAIR LARRY MCCALLON, THE MSRC
UNANIMOUSLY VOTED TO APPROVE AN AWARD TO SAN
BERNARDINO COUNTY TRANSPORTATION AUTHORITY (SBCTA) FOR
\$2,000,000.

AYES: KITOWSKI, MCCALLON, PETTIS, WINTERBOTTOM, YAMARONE.
NOES: NONE.

ACTION: This item will be considered by the SCAQMD Board at its May 4, 2018 meeting.

Agenda Item #9 – Consider Duration of Next MSRC Work Program

Cynthia Ravenstein, MSRC Contracts Administrator, reported the MSRC's Work Program is often adopted on an annual basis. At times the MSRC has also elected to pursue a two-year Work Program. This item would consider whether the MSRC's next Work Program should cover one or two fiscal years.

MSRC Vice-Chair Larry McCallon questioned is there any downside to doing a two-year Work Program. Ms. Ravenstein replied the only potential downside is that somebody might have a project that they want to do and the timing doesn't line up with when the opportunity is available. Mr. McCallon replied our two-year Work Program has been fairly successful.

MSRC Alternate Brian Berkson questioned if it is a two-year Work Program, but if you find that something that was done in year one wasn't as successful as we hoped, and the money is still in the fund, it would be a shame to have to wait until that following year to reinvest it back into the system, is there a way to deal with those scenarios? Ms. Ravenstein replied it is at the MSRC's discretion, if there is funding available and they see a need for another program in the interim, they can do it.

MSRC Member Greg Winterbottom questioned what do you think about considering a longer duration. Mr. Gorski replied we have discussed internally what we feel is more or less an optimum duration. We feel that with one-year, given the complexity of the projects and the

partnerships that have to be formed, there may not be enough time. Also one year might pose a problem in trying to get a better understanding of what other incentive funds are available. With two-years, there is a comfort level that it seems to work well. We did think about if it was three-years, what could we do. We could potentially have some larger programs but that might be just a little too long for fresh ideas to be brought in. We feel that two years is a pretty good length of time given the current environment, the other funding categories and sources that we are trying to coordinate with, as well as, always having at least within the next 24 months an opportunity for folks to come to the table.

ON MOTION BY MSRC VICE-CHAIR LARRY MCCALLON AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, THE MSRC
UNANIMOUSLY VOTED TO ADOPT A TWO-YEAR WORK PROGRAM
COVERING FISCAL YEARS 2018-20.

AYES: KITOWSKI, MCCALLON, PETTIS, WINTERBOTTOM, YAMARONE.

NOES: NONE.

Agenda Item #10 – Other Business

MSRC Member Jack Kitowski commented he would like more information on the workshops. Ray Gorski, MSRC Technical Advisor, replied we have a flyer that we put together that you will receive this afternoon. We are hosting a series of workshops. This is typically the initial stage of the Work Program development process; each of the four counties is represented. We host a round table in which we invite members of the public to come in and share their ideas on where the MSRC can best invest their next funding allocation. We are going to begin in Coachella Valley on May 1st. It will be held in Cathedral City and Mr. Pettis will be there to host the event. We will have meetings for the next several weeks in the different geographical regions. OCTA, SBCTA, RCTC and SCAG will be host sites this year. It's informal, we have a presentation that we give to more or less start the dialogue. It's really an opportunity for anyone to share their ideas for how the MSRC can work to implement clean air projects. We have received some very good ideas in the past. We have a lot of city representation, often we have other stakeholders that have specific ideas relative to their industry. We get a good mix of both public and private entities. Normally, participation varies but it's on the order of 20-40 entities. Once we have completed those workshops, we take that data, digest it into lessons learned, what are the major areas that the stakeholders are suggesting for MSRC focus and use that as an introduction to your Work Program development process which the MSRC will convene at your workshop which is probably going to be in the July time frame this year. We will need at least a month to get the workshops concluded, some time to compile the data, then of course work with the membership to find out what your availability is to participate in a Retreat. And also, there are the other things we need to do with the logistics, finding a location, and identifying additional guests to participate along with you. That takes a little bit of time. Your Retreat will probably be at the end of July/August time frame. At that point there will be some additional work and staff will put together the results of your Retreat and ideas that we received and start the process of actually putting together your 2018-2020 Work Program. It will probably be completed in the October time frame. At that time we will have solicitations ready for your review and subsequent release.

MSRC Vice-Chair Larry McCallon stated he will be out of the country the first week of July and the last week of July. Mr. Gorski replied I know that that SCAQMD Governing Board is dark in

August. We're going to poll membership and find out what works for folks and try to meet. We usually like to have it on the same day as the MSRC meeting because we know that you have blocked out at least some portion of the day, but again often times we start mid-morning and go through the afternoon session.

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 2:34 p.m.

NEXTMEETING

Thursday, May 17, 2018 at 2:00 p.m., Room CC8.

[Prepared by Penny Shaw Cedillo]

MSRC Agenda Item No. 2

DATE: May 17, 2018

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 March 29 to April 25, 2018.

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 with the prospective contractor for signature or 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 with the prospective contractor for signature. 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 under development, undergoing internal review, with the prospective contractor for signature, with the SCAQMD Board Chair for signature, or 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 under development or with the prospective contractor for signature.

On April 6, 2018, the SCAQMD Governing Board approved one award under the Natural Gas Infrastructure Program and eight awards under the Local Government Match Program. These contracts are under development.

2014-16 Work Program

On December 5, 2014, the SCAQMD Governing Board approved an award under the AB118 Enhanced Fleet Maintenance Program. This contract is executed.

On June 5, 2015, the SCAQMD Governing Board approved two awards under the Event Center Transportation Program and one award to provide low-emission transportation services to the Special Olympics World Games. These contracts are executed.

On September 4, 2015, the SCAQMD Governing Board approved 25 awards under the Local Government Match Program and one award under the Transportation Control Measure Partnership Program. These contracts are executed.

On October 2, 2015, the SCAQMD Governing Board approved 11 awards under the Local Government Match Program and one award under the Alternative Fuel Infrastructure Program. These contracts are executed.

On November 6, 2015, the SCAQMD Governing Board approved 37 awards under the Local Government Match Program. These contracts are with the SCAQMD Board Chair for signature or executed.

On December 4, 2015, the SCAQMD Governing Board approved one award under the Major Event Center Transportation Program, one award under the Alternative Fuel Infrastructure Program, and one award under the Transportation Control Measure Partnership Program. These contracts are executed.

On January 8, 2016, the SCAQMD Governing Board approved two awards under the Major Event Center Transportation Program, one award under the Local Government Match Program, and one award under the Transportation Control Measure Partnership Program. These contracts are executed.

On March 4, 2016, the SCAQMD Governing Board approved two awards under the Alternative Fuel Infrastructure Program. These contracts are executed.

On April 1, 2016, the SCAQMD Governing Board approved one award under the Major Event Center Transportation Program and five awards under the Transportation Control Measure Partnership Program. These contracts are executed.

On May 6, 2016, the SCAQMD Governing Board approved one award under the Major Event Center Transportation Program and one award under the Transportation Control Measure Partnership Program. These contracts are executed.

On June 3, 2016, the SCAQMD Governing Board approved one award under the Alternative Fuel Infrastructure Program. This contract is executed.

On October 7, 2016, the SCAQMD Governing Board approved ten awards under the Alternative Fuel Infrastructure Program and five awards under the Near-Zero Natural Gas Engine Incentives Program. These contracts are under development, with the prospective contractor for signature, or executed.

On January 6, 2017, the SCAQMD Governing Board approved an award under the Alternative Fuel Infrastructure Program and an award under the Near-Zero Natural Gas Engine Incentives Program. These contracts are executed.

Work Program Status

Contract Status Reports for work program years with open (including "Open/Complete") and/or pending contracts are attached.

FY 2004-05 Work Program Contracts

One contract from this work program year is open.

FY 2004-05 Invoices Paid

No invoices were paid during this period.

FY 2006-07 Work Program Contracts

No contracts from this work program year are open; and one is in "Open/Complete" status.

FY 2006-07 Invoices Paid

No invoices were paid during this period.

FY 2007-08 Work Program Contracts

4 contracts from this work program year are open; and 3 are in “Open/Complete” status.

FY 2007-08 Invoices Paid

No invoices were paid during this period.

FY 2008-09 Work Program Contracts

2 contracts from this work program year are open; and 4 are in “Open/Complete” status. One contract closed during this period: Los Angeles World Airports, Contract #ML09032 – Purchase Seven Heavy-Duty Natural Gas Vehicles.

FY 2008-09 Invoices Paid

One invoice in the amount of \$25,000.00 was paid during this period.

FY 2010-11 Work Program Contracts

5 contracts from this work program year are open; and 35 are in “Open/Complete” status. One contract was cancelled during this period: City of Santa Monica, Contract #ML11038 – Maintenance Facility Modifications. One contract closed during this period: City of Chino, Contract #ML11042 – Purchase One Heavy-Duty Natural Gas Vehicle and Repower One Heavy-Duty Off-Road Vehicle.

FY 2010-11 Invoices Paid

No invoices were paid during this period.

FY 2011-12 Work Program Contracts

13 contracts from this work program year are open, and 33 are in “Open/Complete” status.

FY 2011-12 Invoices Paid

No invoices were paid during this period.

FYs 2012-14 Work Program Contracts

36 contracts from this work program year are open, and 25 are in “Open/Complete” status.

FYs 2012-14 Invoices Paid

No invoices were paid during this period.

FYs 2014-16 Work Program Contracts

76 contracts from this work program year are open, and 16 are in “Open/Complete” status. During this period VNG declined a \$100,000 award for installation of public access CNG station in Bell Gardens, and the Sanitation Districts of Los Angeles County declined a \$275,000 award for expansion of their existing L/CNG station.

FYs 2014-16 Invoices Paid

Two invoices totaling \$468,056.77 were paid during this period.

FYs 2016-18 Work Program Contracts

11 contracts from this work program year are open.

FYs 2016-18 Invoices Paid

Two invoices totaling \$406,427.90 were paid during this period.

Administrative Scope Changes

No administrative scope changes were initiated during the period of March 29 to April 25, 2018.

Attachments

- FY 2004-05 through FYs 2016-18 (except FY 2005-06 and FY 2009-10) Contract Status Reports



AB2766 Discretionary Fund Program Invoices

March 29, 2018 to April 25, 2018

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2008-2009 Work Program</i>							
4/13/2018	4/24/2018	4/24/2018	4/24/2018	ML09036	City of Long Beach Fleet Services Bureau	FINAL	\$25,000.00
Total: \$25,000.00							
<i>2014-2016 Work Program</i>							
4/13/2018	4/13/2018	4/13/2018	4/17/2018	ML16049	City of Buena Park	1-Final	\$429,262.00
4/11/2018	4/13/2018	4/13/2018	4/17/2018	MS16086	San Bernardino County Transportation Authority	3	\$38,794.77
Total: \$468,056.77							
<i>2016-2018 Work Program</i>							
4/13/2018	4/13/2018	4/13/2018	4/17/2018	MS18003	Geographics	8-20777,78,9	\$718.61
4/11/2018	4/13/2018	4/13/2018	4/17/2018	MS18005	Orange County Transportation Authority	FA139764	\$405,709.29
Total: \$406,427.90							

Total This Period: \$899,484.67



FYs 2004-05 Through 2016-18 AB2766 Contract Status Report

5/10/2018

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<i>FY 2004-2005 Contracts</i>									
<i>Open Contracts</i>									
ML05014	Los Angeles County Department of P	5/21/2007	11/20/2008	6/20/2018	\$204,221.00	\$0.00	Traffic Signal Synchronization	\$204,221.00	No
Total: 1									
<i>Declined/Cancelled Contracts</i>									
ML05005	City of Highland				\$20,000.00	\$0.00	2 Medium Duty CNG Vehicles	\$20,000.00	No
ML05008	Los Angeles County Department of P				\$140,000.00	\$0.00	7 Heavy Duty LPG Street Sweepers	\$140,000.00	No
ML05010	Los Angeles County Department of P				\$20,000.00	\$0.00	1 Heavy Duty CNG Bus	\$20,000.00	No
MS05030	City of Inglewood				\$31,662.00	\$0.00	2 CNG Street Sweepers	\$31,662.00	No
MS05032	H&C Disposal				\$34,068.00	\$0.00	2 CNG Waste Haulers	\$34,068.00	No
MS05044	City of Colton				\$78,720.00	\$0.00	CNG Station Upgrade	\$78,720.00	No
Total: 6									
<i>Closed Contracts</i>									
ML05006	City of Colton Public Works	7/27/2005	7/26/2006		\$30,000.00	\$30,000.00	3 Medium Duty CNG Vehicles	\$0.00	Yes
ML05011	Los Angeles County Department of P	8/10/2006	12/9/2007	6/9/2008	\$52,409.00	\$51,048.46	3 Heavy Duty LPG Shuttle Vans	\$1,360.54	Yes
ML05013	Los Angeles County Department of P	1/5/2007	7/4/2008	1/4/2013	\$313,000.00	\$313,000.00	Traffic Signal Synchronization	\$0.00	Yes
ML05015	City of Lawndale	7/27/2005	7/26/2006		\$10,000.00	\$10,000.00	1 Medium Duty CNG Vehicle	\$0.00	Yes
ML05016	City of Santa Monica	9/23/2005	9/22/2006	9/22/2007	\$350,000.00	\$350,000.00	6 MD CNG Vehicles, 1 LPG Sweep, 13 CNG	\$0.00	Yes
ML05017	City of Signal Hill	1/16/2006	7/15/2007		\$126,000.00	\$126,000.00	Traffic Signal Synchronization	\$0.00	Yes
ML05018	City of San Bernardino	4/19/2005	4/18/2006		\$40,000.00	\$40,000.00	4 M.D. CNG Vehicles	\$0.00	Yes
ML05019	City of Lakewood	5/6/2005	5/5/2006		\$10,000.00	\$10,000.00	1 M.D. CNG Vehicle	\$0.00	Yes
ML05020	City of Pomona	6/24/2005	6/23/2006		\$10,000.00	\$10,000.00	1 M.D. CNG Vehicle	\$0.00	Yes
ML05021	City of Whittier	7/7/2005	7/6/2006	4/6/2008	\$100,000.00	\$80,000.00	Sweeper, Aerial Truck, & 3 Refuse Trucks	\$20,000.00	Yes
ML05022	City of Claremont	9/23/2005	9/22/2006		\$20,000.00	\$20,000.00	2 M.D. CNG Vehicles	\$0.00	Yes
ML05024	City of Cerritos	4/18/2005	3/17/2006		\$10,000.00	\$10,000.00	1 M.D. CNG Vehicle	\$0.00	Yes
ML05025	City of Malibu	5/6/2005	3/5/2006		\$10,000.00	\$10,000.00	1 Medium-Duty CNG Vehicle	\$0.00	Yes
ML05026	City of Inglewood	1/6/2006	1/5/2007	2/5/2009	\$60,000.00	\$60,000.00	2 CNG Transit Buses, 1 CNG Pothole Patch	\$0.00	Yes
ML05027	City of Beaumont	2/23/2006	4/22/2007	6/22/2010	\$20,000.00	\$20,000.00	1 H.D. CNG Bus	\$0.00	Yes
ML05028	City of Anaheim	9/8/2006	9/7/2007	5/7/2008	\$85,331.00	\$85,331.00	Traffic signal coordination & synchronization	\$0.00	Yes
ML05029	Los Angeles World Airports	5/5/2006	9/4/2007		\$140,000.00	\$140,000.00	Seven CNG Buses	\$0.00	Yes
ML05071	City of La Canada Flintridge	1/30/2009	1/29/2011		\$20,000.00	\$20,000.00	1 CNG Bus	\$0.00	Yes
ML05072	Los Angeles County Department of P	8/24/2009	5/23/2010	1/23/2011	\$349,000.00	\$349,000.00	Traffic Signal Synchronization (LADOT)	\$0.00	Yes
MS05001	A-Z Bus Sales, Inc.	2/4/2005	12/31/2005	12/31/2006	\$1,385,000.00	\$1,385,000.00	CNG School Bus Buydown	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS05002	California Bus Sales	2/4/2005	12/31/2005	12/31/2006	\$1,800,000.00	\$1,800,000.00	CNG School Bus Buydown	\$0.00	Yes
MS05003	BusWest	1/28/2005	12/31/2005	12/31/2006	\$2,100,000.00	\$1,620,000.00	CNG School Bus Buydown	\$480,000.00	Yes
MS05004	Johnson/Ukropina Creative Marketin	11/27/2004	1/18/2006	4/18/2006	\$1,000,000.00	\$994,612.56	Implement "Rideshare Thursday" Campaign	\$5,387.44	Yes
MS05031	City of Ontario, Housing & Municipal	7/22/2005	3/21/2007		\$191,268.00	\$191,268.00	11 CNG Waste Haulers	\$0.00	Yes
MS05033	Waste Management of the Desert	9/26/2005	5/25/2007		\$202,900.00	\$202,900.00	10 CNG Waste Haulers	\$0.00	Yes
MS05034	Sukut Equipment, Inc.	9/9/2005	5/8/2007		\$1,151,136.00	\$1,151,136.00	Repower 12 Scrapers	\$0.00	Yes
MS05035	Varner Construction Inc.	11/28/2005	4/27/2007	2/27/2008	\$334,624.00	\$334,624.00	Repower 5 Off-Road H.D. Vehicles	\$0.00	Yes
MS05036	Camarillo Engineering	8/18/2005	1/17/2007		\$1,167,276.00	\$1,167,276.00	Repower 12 Scrapers	\$0.00	Yes
MS05037	Road Builders, Inc.	11/21/2005	4/20/2007	6/20/2008	\$229,302.00	\$229,302.00	Repower 2 Scrapers	\$0.00	Yes
MS05038	SunLine Transit Agency	3/30/2006	9/29/2007		\$135,000.00	\$135,000.00	15 CNG Buses	\$0.00	Yes
MS05039	Los Angeles County MTA	4/28/2006	4/27/2008		\$405,000.00	\$405,000.00	75 CNG Buses	\$0.00	Yes
MS05040	Orange County Transportation Autho	3/23/2006	12/22/2007	6/22/2008	\$200,000.00	\$200,000.00	25 CNG Buses	\$0.00	Yes
MS05041	The Regents of the University of Cali	9/5/2006	8/4/2007	9/4/2008	\$15,921.00	\$15,921.00	CNG Station Upgrade	\$0.00	Yes
MS05042	City of Ontario, Housing & Municipal	11/21/2005	9/20/2006	7/20/2007	\$117,832.00	\$74,531.27	CNG Station Upgrade	\$43,300.73	Yes
MS05043	Whittier Union High School District	9/23/2005	7/22/2006		\$15,921.00	\$15,921.00	CNG Station Upgrade	\$0.00	Yes
MS05045	City of Covina	9/9/2005	7/8/2006		\$10,000.00	\$7,435.61	CNG Station Upgrade	\$2,564.39	Yes
MS05046	City of Inglewood	1/6/2006	5/5/2007		\$139,150.00	\$56,150.27	CNG Station Upgrade	\$82,999.73	Yes
MS05047	Orange County Transportation Autho	10/20/2005	10/19/2006	1/19/2007	\$75,563.00	\$75,563.00	CNG Station Upgrade	\$0.00	Yes
MS05048	City of Santa Monica	7/24/2006	11/23/2007		\$150,000.00	\$150,000.00	CNG Station Upgrade	\$0.00	Yes
MS05049	Omnitrans	9/23/2005	2/22/2007		\$25,000.00	\$7,250.00	CNG Station Upgrade	\$17,750.00	Yes
MS05050	Gateway Cities Council of Governme	12/21/2005	4/20/2010		\$1,464,839.00	\$1,464,838.12	Truck Fleet Modernization Program	\$0.88	Yes
MS05051	Jagur Tractor	1/16/2006	4/15/2007	10/15/2007	\$660,928.00	\$660,928.00	Repower 6 Scrapers	\$0.00	Yes
MS05052	Caufield Equipment, Inc.	8/3/2005	1/2/2007		\$478,000.00	\$478,000.00	Repower 4 Scrapers	\$0.00	Yes
MS05070	Haaland Internet Productions (HIP D	6/24/2005	5/31/2007	11/30/2011	\$100,715.00	\$92,458.24	Design, Host & Maintain MSRC Website	\$8,256.76	Yes

Total: 44

Closed/Incomplete Contracts

ML05007	Los Angeles County Dept of Beache	6/23/2006	6/22/2007	12/22/2007	\$50,000.00	\$0.00	5 Medium Duty CNG Vehicles	\$50,000.00	No
ML05009	Los Angeles County Department of P	6/22/2006	12/21/2007	9/30/2011	\$56,666.00	\$0.00	2 Propane Refueling Stations	\$56,666.00	No
ML05012	Los Angeles County Department of P	11/10/2006	5/9/2008	1/9/2009	\$349,000.00	\$0.00	Traffic Signal Synchronization (LADOT)	\$349,000.00	No
ML05023	City of La Canada Flintridge	3/30/2005	2/28/2006	8/28/2008	\$20,000.00	\$0.00	1 CNG Bus	\$20,000.00	No

Total: 4

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2006-2007 Contracts

Declined/Cancelled Contracts

ML07031	City of Santa Monica				\$180,000.00	\$0.00	Upgrade N.G. Station to Add Hythane	\$180,000.00	No
ML07032	City of Huntington Beach Public Wor				\$25,000.00	\$0.00	One H.D. CNG Vehicle	\$25,000.00	No
ML07035	City of Los Angeles, General Service				\$350,000.00	\$0.00	New CNG Refueling Station/Southeast Yard	\$350,000.00	No
ML07038	City of Palos Verdes Estates				\$25,000.00	\$0.00	One H.D. LPG Vehicle	\$25,000.00	No
MS07010	Palos Verdes Peninsula Transit Auth				\$80,000.00	\$0.00	Repower 4 Transit Buses	\$80,000.00	No
MS07014	Clean Energy Fuels Corp.				\$350,000.00	\$0.00	New L/CNG Station - SERRF	\$350,000.00	No
MS07015	Baldwin Park Unified School District				\$57,500.00	\$0.00	New CNG Station	\$57,500.00	No
MS07016	County of Riverside Fleet Services D				\$36,359.00	\$0.00	New CNG Station - Rubidoux	\$36,359.00	No
MS07017	County of Riverside Fleet Services D				\$33,829.00	\$0.00	New CNG Station - Indio	\$33,829.00	No
MS07018	City of Cathedral City				\$350,000.00	\$0.00	New CNG Station	\$350,000.00	No
MS07021	City of Riverside				\$350,000.00	\$0.00	New CNG Station	\$350,000.00	No
MS07050	Southern California Disposal Co.				\$320,000.00	\$0.00	Ten Nat. Gas Refuse Trucks	\$320,000.00	No
MS07062	Caltrans Division of Equipment				\$1,081,818.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$1,081,818.00	No
MS07065	ECCO Equipment Corp.				\$174,525.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$174,525.00	No
MS07067	Recycled Materials Company of Calif				\$99,900.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$99,900.00	No
MS07069	City of Burbank	5/9/2008	3/8/2010	9/8/2011	\$8,895.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$8,895.00	No
MS07074	Albert W. Davies, Inc.	1/25/2008	11/24/2009		\$39,200.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$39,200.00	No
MS07081	Clean Diesel Technologies, Inc.				\$240,347.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$240,347.00	No
MS07082	DCL International, Inc.				\$153,010.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$153,010.00	No
MS07083	Dinex Exhausts, Inc.				\$52,381.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$52,381.00	No
MS07084	Donaldson Company, Inc.				\$42,416.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$42,416.00	No
MS07085	Engine Control Systems Limited				\$155,746.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$155,746.00	No
MS07086	Huss, LLC				\$84,871.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$84,871.00	No
MS07087	Mann+Hummel GmbH				\$189,361.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$189,361.00	No
MS07088	Nett Technologies, Inc.				\$118,760.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$118,760.00	No
MS07089	Rypos, Inc.				\$68,055.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$68,055.00	No
MS07090	Sud-Chemie				\$27,345.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$27,345.00	No

Total: 27

Closed Contracts

ML07023	City of Riverside	6/20/2008	10/19/2014	7/19/2016	\$462,500.00	\$461,476.42	CNG Station Expansion/Purch. 14 H.D. Vehi	\$1,023.58	Yes
ML07024	City of Garden Grove	3/7/2008	9/6/2014	7/6/2016	\$75,000.00	\$75,000.00	Three H.D. CNG Vehicles	\$0.00	Yes
ML07025	City of San Bernardino	8/12/2008	7/11/2010		\$350,000.00	\$350,000.00	Maintenance Facility Modifications	\$0.00	Yes
ML07026	City of South Pasadena	6/13/2008	6/12/2014		\$25,000.00	\$25,000.00	One H.D. CNG Vehicle	\$0.00	Yes
ML07027	Los Angeles World Airports	6/3/2008	7/2/2014		\$25,000.00	\$25,000.00	One H.D. LNG Vehicle	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML07028	City of Los Angeles, General Service	3/13/2009	3/12/2014		\$350,000.00	\$350,000.00	New CNG Refueling Station/Hollywood Yard	\$0.00	Yes
ML07029	City of Los Angeles, General Service	3/13/2009	3/12/2014		\$350,000.00	\$350,000.00	New CNG Refueling Station/Venice Yard	\$0.00	Yes
ML07030	County of San Bernardino Public Wo	7/11/2008	9/10/2015		\$200,000.00	\$200,000.00	8 Natural Gas H.D. Vehicles	\$0.00	Yes
ML07033	City of La Habra	5/21/2008	6/20/2014	11/30/2013	\$25,000.00	\$25,000.00	One H.D. Nat Gas Vehicle	\$0.00	Yes
ML07034	City of Los Angeles, General Service	3/13/2009	3/12/2014		\$350,000.00	\$350,000.00	New CNG Refueling Station/Van Nuys Yard	\$0.00	Yes
ML07036	City of Alhambra	1/23/2009	2/22/2015		\$50,000.00	\$50,000.00	2 H.D. CNG Vehicles	\$0.00	Yes
ML07037	City of Los Angeles, General Service	10/8/2008	10/7/2015		\$255,222.00	\$255,222.00	Upgrade LNG/LCNG Station/East Valley Yar	\$0.00	Yes
ML07039	City of Baldwin Park	6/6/2008	6/5/2014	8/5/2015	\$50,000.00	\$50,000.00	Two N.G. H.D. Vehicles	\$0.00	Yes
ML07040	City of Moreno Valley	6/3/2008	9/2/2014		\$25,000.00	\$25,000.00	One Heavy-Duty CNG Vehicle	\$0.00	Yes
ML07041	City of La Quinta	6/6/2008	6/5/2014		\$25,000.00	\$25,000.00	One CNG Street Sweeper	\$0.00	Yes
ML07042	City of La Quinta	8/15/2008	9/14/2010		\$100,000.00	\$100,000.00	Street Sweeping Operations	\$0.00	Yes
ML07043	City of Redondo Beach	9/28/2008	7/27/2014	10/27/2016	\$125,000.00	\$125,000.00	Five H.D. CNG Transit Vehicles	\$0.00	Yes
ML07044	City of Santa Monica	9/8/2008	3/7/2015	3/7/2017	\$600,000.00	\$600,000.00	24 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML07046	City of Culver City Transportation De	5/2/2008	5/1/2014		\$25,000.00	\$25,000.00	One H.D. Nat. Gas Vehicle	\$0.00	Yes
ML07047	City of Cathedral City	6/16/2008	9/15/2014	3/15/2015	\$225,000.00	\$225,000.00	Two H.D. Nat. Gas Vehicles/New CNG Fueli	\$0.00	Yes
ML07048	City of Cathedral City	9/19/2008	10/18/2010		\$100,000.00	\$84,972.45	Street Sweeping Operations	\$15,027.55	Yes
MS07001	A-Z Bus Sales, Inc.	12/28/2006	12/31/2007	2/29/2008	\$1,920,000.00	\$1,380,000.00	CNG School Bus Buydown	\$540,000.00	Yes
MS07002	BusWest	1/19/2007	12/31/2007	3/31/2008	\$840,000.00	\$840,000.00	CNG School Bus Buydown	\$0.00	Yes
MS07003	Westport Fuel Systems, Inc.	11/2/2007	12/31/2011	6/30/2013	\$1,500,000.00	\$1,499,990.00	Advanced Nat. Gas Engine Incentive Progra	\$10.00	Yes
MS07005	S-W Compressors	3/17/2008	3/16/2010		\$60,000.00	\$7,500.00	Mountain CNG School Bus Demo Program-	\$52,500.00	Yes
MS07006	Coachella Valley Association of Gov	2/28/2008	10/27/2008		\$400,000.00	\$400,000.00	Coachella Valley PM10 Reduction Street Sw	\$0.00	Yes
MS07007	Los Angeles World Airports	5/2/2008	11/1/2014		\$420,000.00	\$420,000.00	Purchase CNG 21 Transit Buses	\$0.00	Yes
MS07008	City of Los Angeles, Department of T	9/18/2009	5/17/2020	9/17/2017	\$1,900,000.00	\$1,900,000.00	Purchase 95 Transit Buses	\$0.00	Yes
MS07009	Orange County Transportation Autho	5/14/2008	4/13/2016		\$800,000.00	\$800,000.00	Purchase 40 Transit Buses	\$0.00	Yes
MS07011	L A Service Authority for Freeway E	3/12/2010	5/31/2011	9/30/2011	\$700,000.00	\$700,000.00	"511" Commuter Services Campaign	\$0.00	Yes
MS07012	City of Los Angeles, General Service	6/13/2008	6/12/2009	6/12/2010	\$50,000.00	\$50,000.00	Maintenance Facility Modifications	\$0.00	Yes
MS07013	Rainbow Disposal Company, Inc.	1/25/2008	3/24/2014	9/24/2014	\$350,000.00	\$350,000.00	New High-Volume CNG Station	\$0.00	Yes
MS07019	City of Cathedral City	1/9/2009	6/8/2010		\$32,500.00	\$32,500.00	Maintenance Facility Modifications	\$0.00	Yes
MS07020	Avery Petroleum	5/20/2009	7/19/2015		\$250,000.00	\$250,000.00	New CNG Station	\$0.00	Yes
MS07049	Palm Springs Disposal Services	10/23/2008	11/22/2014	9/22/2016	\$96,000.00	\$96,000.00	Three Nat. Gas Refuse Trucks	\$0.00	Yes
MS07051	City of San Bernardino	8/12/2008	12/11/2014		\$480,000.00	\$480,000.00	15 Nat. Gas Refuse Trucks	\$0.00	Yes
MS07052	City of Redlands	7/30/2008	11/29/2014		\$160,000.00	\$160,000.00	Five Nat. Gas Refuse Trucks	\$0.00	Yes
MS07053	City of Claremont	7/31/2008	12/30/2014		\$96,000.00	\$96,000.00	Three Nat. Gas Refuse Trucks	\$0.00	Yes
MS07054	Republic Services, Inc.	3/7/2008	9/6/2014	9/6/2016	\$1,280,000.00	\$1,280,000.00	40 Nat. Gas Refuse Trucks	\$0.00	Yes
MS07055	City of Culver City Transportation De	7/8/2008	9/7/2014		\$192,000.00	\$192,000.00	Six Nat. Gas Refuse Trucks	\$0.00	Yes
MS07056	City of Whittier	9/5/2008	3/4/2015		\$32,000.00	\$32,000.00	One Nat. Gas Refuse Trucks	\$0.00	Yes
MS07057	CR&R, Inc.	7/31/2008	8/30/2014	6/30/2015	\$896,000.00	\$896,000.00	28 Nat. Gas Refuse Trucks	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS07058	The Better World Group	11/17/2007	11/16/2009	11/16/2011	\$247,690.00	\$201,946.21	MSRC Programmatic Outreach Services	\$45,743.79	Yes
MS07059	County Sanitation Districts of L.A. Co	9/5/2008	9/4/2010	7/14/2012	\$231,500.00	\$231,500.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07060	Community Recycling & Resource R	3/7/2008	1/6/2010	7/6/2011	\$177,460.00	\$98,471.00	Off-Road Diesel Equipment Retrofit Program	\$78,989.00	Yes
MS07061	City of Los Angeles, Department of	10/31/2008	8/30/2010	2/28/2013	\$40,626.00	\$40,626.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07063	Shimmick Construction Company, In	4/26/2008	2/25/2010	8/25/2011	\$80,800.00	\$11,956.37	Off-Road Diesel Equipment Retrofit Program	\$68,843.63	Yes
MS07064	Altfillisch Contractors, Inc.	9/19/2008	7/18/2010	1/18/2011	\$160,000.00	\$155,667.14	Off-Road Diesel Equipment Retrofit Program	\$4,332.86	Yes
MS07068	Sukut Equipment Inc.	1/23/2009	11/22/2010	5/22/2012	\$26,900.00	\$26,900.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07070	Griffith Company	4/30/2008	2/28/2010	8/28/2012	\$168,434.00	\$125,504.00	Off-Road Diesel Equipment Retrofit Program	\$42,930.00	Yes
MS07071	Tiger 4 Equipment Leasing	9/19/2008	7/18/2010	1/18/2013	\$210,937.00	\$108,808.97	Off-Road Diesel Equipment Retrofit Program	\$102,128.03	Yes
MS07072	City of Culver City Transportation De	4/4/2008	2/3/2010	8/3/2011	\$72,865.00	\$72,865.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07075	Dan Copp Crushing	9/17/2008	7/16/2010	1/16/2012	\$73,600.00	\$40,200.00	Off-Road Diesel Equipment Retrofit Program	\$33,400.00	Yes
MS07076	Reed Thomas Company, Inc.	8/15/2008	6/14/2010	3/14/2012	\$339,073.00	\$100,540.00	Off-Road Diesel Equipment Retrofit Program	\$238,533.00	Yes
MS07077	USA Waste of California, Inc.	5/1/2009	12/31/2014		\$160,000.00	\$160,000.00	Five Nat. Gas Refuse Trucks (Santa Ana)	\$0.00	Yes
MS07078	USA Waste of California, Inc.	5/1/2009	12/31/2014	12/31/2015	\$256,000.00	\$256,000.00	Eight Nat. Gas Refuse Trucks (Dewey's)	\$0.00	Yes
MS07079	Riverside County Transportation Co	1/30/2009	7/29/2013	12/31/2011	\$20,000.00	\$15,165.45	BikeMetro Website Migration	\$4,834.55	Yes
MS07080	City of Los Angeles, Bureau of Sanit	10/31/2008	8/30/2010	8/28/2016	\$63,192.00	\$62,692.00	Off-Road Diesel Equipment Retrofit Program	\$500.00	No
MS07091	BusWest	10/16/2009	3/15/2010		\$33,660.00	\$33,660.00	Provide Lease for 2 CNG School Buses	\$0.00	Yes
MS07092	Riverside County Transportation Co	9/1/2010	10/31/2011		\$350,000.00	\$350,000.00	"511" Commuter Services Campaign	\$0.00	Yes

Total: 60

Closed/Incomplete Contracts

ML07045	City of Inglewood	2/6/2009	4/5/2015		\$75,000.00	\$25,000.00	3 H.D. Nat. Gas Vehicles	\$50,000.00	No
MS07004	BusWest	7/2/2007	7/1/2009		\$90,928.00	\$68,196.00	Provide Lease for 2 CNG School Buses	\$22,732.00	No
MS07066	Skanska USA Civil West California D	6/28/2008	4/27/2010	10/27/2010	\$111,700.00	\$36,128.19	Off-Road Diesel Equipment Retrofit Program	\$75,571.81	No
MS07073	PEED Equipment Co.	10/31/2008	8/30/2010		\$11,600.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$11,600.00	No

Total: 4

Open/Complete Contracts

MS07022	CSULA Hydrogen Station and Resea	10/30/2009	12/29/2015	10/29/2019	\$250,000.00	\$250,000.00	New Hydrogen Fueling Station	\$0.00	Yes
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Total: 1

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2007-2008 Contracts

Open Contracts

ML08028	City of Santa Monica	9/11/2009	9/10/2016	5/10/2019	\$600,000.00	\$0.00	24 CNG Heavy-Duty Vehicles	\$600,000.00	No
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
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
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

Total: 4

Declined/Cancelled 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 Contracts

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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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		\$50,000.00	\$50,000.00	2 LPG Transit Buses	\$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
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
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
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.A.-La 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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
MS09002	A-Z Bus Sales, Inc.	11/7/2008	12/31/2009	12/31/2010	\$2,520,000.00	\$2,460,000.00	Alternative Fuel School Bus Incentive Progra	\$60,000.00	Yes
MS09004	A-Z Bus Sales, Inc.	1/30/2009	3/31/2009		\$156,000.00	\$156,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS09047	BusWest	7/9/2010	12/31/2010	4/30/2011	\$480,000.00	\$480,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes

Total: 57

Closed/Incomplete 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
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: 2

Open/Complete Contracts

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
ML08043	City of Desert Hot Springs	9/25/2009	3/24/2016	3/24/2021	\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$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

Total: 3

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2008-2009 Contracts

Open Contracts

ML09033	City of Beverly Hills	3/4/2011	5/3/2017	1/3/2019	\$550,000.00	\$100,000.00	10 Nat. Gas Heavy-Duty Vehicles & CNG St	\$450,000.00	No
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Total: 1

Declined/Cancelled Contracts

ML09017	County of San Bernardino Public Wo	1/28/2010	7/27/2016		\$200,000.00	\$0.00	8 Nat. Gas Heavy-Duty Vehicles	\$200,000.00	No
ML09018	Los Angeles Department of Water an	7/16/2010	9/15/2012		\$850,000.00	\$0.00	Retrofit 85 Off-Road Vehicles w/DECS	\$850,000.00	No
ML09019	City of San Juan Capistrano Public	12/4/2009	11/3/2010		\$10,125.00	\$0.00	Remote Vehicle Diagnostics/45 Vehicles	\$10,125.00	No
ML09022	Los Angeles County Department of P				\$8,250.00	\$0.00	Remote Vehicle Diagnostics/15 Vehicles	\$8,250.00	No
ML09025	Los Angeles County Department of P	10/15/2010	12/14/2012	6/14/2013	\$50,000.00	\$0.00	Remote Vehicle Diagnostics/85 Vehicles	\$50,000.00	No
ML09028	Riverside County Waste Manageme				\$140,000.00	\$0.00	Retrofit 7 Off-Road Vehicles w/DECS	\$140,000.00	No
ML09039	City of Inglewood				\$310,000.00	\$0.00	Purchase 12 H.D. CNG Vehicles and Remot	\$310,000.00	No
ML09040	City of Cathedral City				\$83,125.00	\$0.00	Purchase 3 H.D. CNG Vehicles and Remot	\$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
MS09003	FuelMaker Corporation				\$296,000.00	\$0.00	Home Refueling Apparatus Incentives	\$296,000.00	No

Total: 11

Closed Contracts

ML09007	City of Rancho Cucamonga	2/26/2010	4/25/2012		\$117,500.00	\$62,452.57	Maintenance Facility Modification	\$55,047.43	Yes
ML09008	City of Culver City Transportation De	1/19/2010	7/18/2016	7/18/2017	\$175,000.00	\$175,000.00	8 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
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
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, Department of	10/29/2010	10/28/2017		\$825,000.00	\$825,000.00	33 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09032	Los Angeles World Airports	4/8/2011	4/7/2018		\$175,000.00	\$175,000.00	7 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
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
MS09001	Administrative Services Co-Op/Long	3/5/2009	6/30/2012	12/31/2013	\$225,000.00	\$150,000.00	15 CNG Taxicabs	\$75,000.00	Yes
MS09005	Gas Equipment Systems, Inc.	6/19/2009	10/18/2010		\$71,000.00	\$71,000.00	Provide Temp. Fueling for Mountain Area C	\$0.00	Yes

Total: 27

Open/Complete Contracts

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
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
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
ML09036	City of Long Beach Fleet Services B	5/7/2010	5/6/2017	11/6/2022	\$875,000.00	\$875,000.00	Purchase 35 Natural Gas Refuse Trucks	\$0.00	Yes
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

Total: 5

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2010-2011 Contracts

Open Contracts

ML11029	City of Santa Ana	9/7/2012	3/6/2020	3/6/2023	\$262,500.00	\$75,000.00	Expansion of Existing CNG Station, Install N	\$187,500.00	No
ML11032	City of Gardena	3/2/2012	9/1/2018	10/1/2020	\$102,500.00	\$0.00	Purchase Heavy-Duty CNG Vehicle, Install	\$102,500.00	No
ML11045	City of Newport Beach	2/3/2012	8/2/2018	3/2/2021	\$30,000.00	\$0.00	Purchase 1 Nat. Gas H.D. Vehicle	\$30,000.00	No
MS11065	Temecula Valley Unified School Distr	8/11/2012	1/10/2019		\$50,000.00	\$46,112.64	Expansion of Existing CNG Station	\$3,887.36	No
MS11091	California Cartage Company, LLC	4/5/2013	8/4/2016	2/4/2018	\$55,000.00	\$0.00	Retrofit Two H.D. Off-Road Vehicles Under	\$55,000.00	No

Total: 5

Declined/Cancelled Contracts

ML11038	City of Santa Monica	5/18/2012	7/17/2018		\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No
MS11013	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Huntington Beach	\$150,000.00	No
MS11014	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Santa Ana	\$150,000.00	No
MS11015	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Inglewood	\$150,000.00	No
MS11046	Luis Castro				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11047	Ivan Borjas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11048	Phase II Transportation				\$1,080,000.00	\$0.00	Repower 27 Heavy-Duty Vehicles	\$1,080,000.00	No
MS11049	Ruben Caceras				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11050	Carlos Arrue				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11051	Francisco Vargas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11053	Jose Ivan Soltero				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11054	Albino Meza				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11059	Go Natural Gas				\$150,000.00	\$0.00	New Public Access CNG Station - Paramou	\$150,000.00	No
MS11063	Standard Concrete Products				\$310,825.00	\$0.00	Retrofit Two Off-Road Vehicles under Showc	\$310,825.00	No
MS11070	American Honda Motor Company				\$100,000.00	\$0.00	Expansion of Existing CNG Station	\$100,000.00	No
MS11072	Trillium USA Company DBA Californi				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS11077	DCL America Inc.				\$263,107.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$263,107.00	No
MS11083	Catrac Construction, Inc.				\$500,000.00	\$0.00	Install DECS on Eight Off-Road Vehicles	\$500,000.00	No
MS11084	Ivanhoe Energy Services and Develo				\$66,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$66,750.00	No
MS11088	Diesel Emission Technologies				\$32,750.00	\$0.00	Retrofit Three H.D. Off-Road Vehicles Under	\$32,750.00	No
MS11089	Diesel Emission Technologies				\$9,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$9,750.00	No
MS11090	Diesel Emission Technologies				\$14,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$14,750.00	No

Total: 22

Closed Contracts

ML11007	Coachella Valley Association of Gov	7/29/2011	7/28/2012		\$250,000.00	\$249,999.96	Regional PM10 Street Sweeping Program	\$0.04	Yes
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
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
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
MS11052	Krisda Inc	9/27/2012	6/26/2013		\$120,000.00	\$120,000.00	Repower Three Heavy-Duty Vehicles	\$0.00	Yes
MS11056	The Better World Group	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
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
MS11074	SunLine Transit Agency	5/11/2012	7/31/2012		\$41,849.00	\$22,391.00	Transit Service for Coachella Valley Festival	\$19,458.00	Yes
MS11080	Southern California Regional Rail Au	4/6/2012	7/31/2012		\$26,000.00	\$26,000.00	MetroLink Service to Auto Club Speedway	\$0.00	Yes
MS11086	DCL America Inc.	6/7/2013	10/6/2016		\$500,000.00	\$359,076.96	Retrofit Eight H.D. Off-Road Vehicles Under	\$140,923.04	Yes
MS11087	Cemex Construction Material Pacific,	10/16/2012	2/15/2016		\$448,766.00	\$448,760.80	Retrofit 13 H.D. Off-Road Vehicles Under Sh	\$5.20	Yes
MS11092	Griffith Company	2/15/2013	6/14/2016	12/14/2017	\$390,521.00	\$78,750.00	Retrofit 17 H.D. Off-Road Vehicles Under Sh	\$311,771.00	No

Total: 22

Closed/Incomplete Contracts

MS11064	City of Hawthorne	7/28/2012	8/27/2018	8/27/2019	\$175,000.00	\$0.00	New Limited Access CNG Station	\$175,000.00	No
MS11076	SA Recycling, LLC	5/24/2012	9/23/2015		\$424,801.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$424,801.00	No
MS11081	Metropolitan Stevedore Company	9/7/2012	1/6/2016		\$45,416.00	\$0.00	Install DECS on Two Off-Road Vehicles	\$45,416.00	No
MS11082	Baumot North America, LLC	8/2/2012	12/1/2015		\$65,958.00	\$4,350.00	Install DECS on Four Off-Road Vehicles	\$61,608.00	Yes
MS11085	City of Long Beach Fleet Services B	8/23/2013	12/22/2016		\$159,012.00	\$0.00	Retrofit Seven H.D. Off-Road Vehicles Unde	\$159,012.00	No

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
ML11021	City of Whittier	1/27/2012	9/26/2018	6/26/2019	\$210,000.00	\$210,000.00	Purchase 7 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11022	City of Anaheim	3/16/2012	7/15/2018		\$150,000.00	\$150,000.00	Purchase of 5 H.D. Vehicles	\$0.00	Yes
ML11023	City of Rancho Cucamonga	4/20/2012	12/19/2018	9/19/2020	\$260,000.00	\$260,000.00	Expand Existing CNG Station, 2 H.D. Vehicl	\$0.00	Yes
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
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
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
ML11031	City of Culver City Transportation De	12/2/2011	12/1/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. Nat. Gas Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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, Department of	5/4/2012	1/3/2019		\$630,000.00	\$630,000.00	Purchase 21 H.D. CNG 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
ML11037	City of Anaheim	12/22/2012	12/21/2019		\$300,000.00	\$300,000.00	Purchase 12 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11039	City of Ontario, Housing & Municipal	1/27/2012	9/26/2018		\$180,000.00	\$180,000.00	Purchase 6 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11040	City of South Pasadena	5/4/2012	1/3/2019	1/3/2022	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
ML11041	City of Santa Ana	9/7/2012	11/6/2018	1/6/2021	\$265,000.00	\$244,651.86	Purchase 7 LPG H.D. Vehicles, Retrofit 6 H.	\$20,348.14	Yes
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
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
MS11019	City of Corona	11/29/2012	4/28/2020		\$225,000.00	\$225,000.00	Expansion of Existing CNG Station	\$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
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
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	\$166,250.00	New Limited Access CNG Station	\$8,750.00	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
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

Total: 35

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2011-2012 Contracts

Open Contracts

ML12014	City of Santa Ana	11/8/2013	8/7/2020		\$384,000.00	\$4,709.00	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$379,291.00	No
ML12018	City of West Covina	10/18/2013	10/17/2020	8/17/2023	\$300,000.00	\$0.00	Expansion of Existing CNG Station	\$300,000.00	No
ML12043	City of Hemet	6/24/2013	9/23/2019		\$60,000.00	\$0.00	Two Heavy-Duty Nat. Gas Vehicles	\$60,000.00	No
ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	6/13/2022	\$400,000.00	\$0.00	Install New CNG Station	\$400,000.00	No
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
ML12057	City of Coachella	8/28/2013	8/27/2019	1/27/2022	\$57,456.00	\$40,375.80	Purchase One Nat. Gas H.D. Vehicle/Street	\$17,080.20	No
ML12090	City of Palm Springs	10/9/2015	10/8/2021		\$21,163.00	\$0.00	EV Charging Infrastructure	\$21,163.00	No
MS12008	Bonita Unified School District	7/12/2013	12/11/2019	4/11/2021	\$175,000.00	\$0.00	Construct New Limited-Access CNG Station	\$175,000.00	No
MS12060	City of Santa Monica	4/4/2014	8/3/2017	8/3/2018	\$500,000.00	\$434,202.57	Implement Westside Bikeshare Program	\$65,797.43	No
MS12077	City of Coachella	6/14/2013	6/13/2020		\$225,000.00	\$0.00	Construct New CNG Station	\$225,000.00	No
MS12083	Brea Olinda Unified School District	7/30/2015	2/29/2024		\$59,454.00	\$0.00	Install New CNG Infrastructure	\$59,454.00	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: 12

Declined/Cancelled Contracts

ML12016	City of Cathedral City	1/4/2013	10/3/2019		\$60,000.00	\$0.00	CNG Vehicle & Electric Vehicle Infrastructur	\$60,000.00	No
ML12038	City of Long Beach Public Works				\$26,000.00	\$0.00	Electric Vehicle Charging Infrastructure	\$26,000.00	No
ML12040	City of Duarte				\$30,000.00	\$0.00	One Heavy-Duty Nat. Gas Vehicle	\$30,000.00	No
ML12044	County of San Bernardino Public Wo				\$250,000.00	\$0.00	Install New CNG Station	\$250,000.00	No
ML12048	City of La Palma	1/4/2013	11/3/2018		\$20,000.00	\$0.00	Two Medium-Duty LPG Vehicles	\$20,000.00	No
ML12052	City of Whittier	3/14/2013	7/13/2019		\$165,000.00	\$0.00	Expansion of Existing CNG Station	\$165,000.00	No
ML12053	City of Mission Viejo				\$60,000.00	\$0.00	EV Charging Infrastructure	\$60,000.00	No
MS12007	WestAir Gases & Equipment				\$100,000.00	\$0.00	Construct New Limited-Access CNG Station	\$100,000.00	No
MS12027	C.V. Ice Company, Inc.	5/17/2013	11/16/2019		\$75,000.00	\$0.00	Purchase 3 Medium-Heavy Duty Vehicles	\$75,000.00	No
MS12030	Complete Landscape Care, Inc.				\$150,000.00	\$0.00	Purchase 6 Medium-Heavy Duty Vehicles	\$150,000.00	No
MS12067	Leatherwood Construction, Inc.	11/8/2013	3/7/2017		\$122,719.00	\$0.00	Retrofit Six Vehicles w/DECS - Showcase III	\$122,719.00	No
MS12070	Valley Music Travel/CID Entertainme				\$99,000.00	\$0.00	Implement Shuttle Service to Coachella Mus	\$99,000.00	No

Total: 12

Closed Contracts

ML12013	City of Pasadena	10/19/2012	3/18/2015	9/18/2015	\$200,000.00	\$65,065.00	Electric Vehicle Charging Infrastructure	\$134,935.00	Yes
ML12019	City of Palm Springs	9/6/2013	7/5/2015		\$38,000.00	\$16,837.00	EV Charging Infrastructure	\$21,163.00	Yes
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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger Stadium	\$88,830.00	Yes
MS12002	Orange County Transportation 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 Stadium	\$67,003.88	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
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
MS12059	Orange County Transportation Autho	2/28/2013	12/27/2014		\$75,000.00	\$75,000.00	Maintenance Facilities Modifications	\$0.00	Yes
MS12061	Orange County Transportation Autho	3/14/2014	3/13/2017		\$224,000.00	\$114,240.00	Transit-Oriented Bicycle Sharing Program	\$109,760.00	Yes
MS12062	Fraser Communications	12/7/2012	5/31/2014		\$998,669.00	\$989,218.49	Develop & Implement "Rideshare Thursday"	\$9,450.51	Yes
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
MS12076	City of Ontario, Housing & Municipal	3/8/2013	4/7/2015		\$75,000.00	\$75,000.00	Maintenance Facilities Modification	\$0.00	Yes
MS12078	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$73,107.00	Maintenance Facility Modifications - Vernon	\$1,893.00	Yes
MS12081	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$75,000.00	Maintenance Facility Modifications - Santa A	\$0.00	Yes
MS12085	Bear Valley Unified School District	4/25/2013	6/24/2014		\$75,000.00	\$75,000.00	Maintenance Facility Modifications	\$0.00	Yes
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: 33

Closed/Incomplete Contracts

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
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Total: 1

Open/Complete Contracts

ML12015	City of Fullerton	4/25/2013	11/24/2020	11/24/2021	\$40,000.00	\$40,000.00	HD CNG Vehicle, Expand CNG Station	\$0.00	Yes
ML12017	City of Los Angeles, Bureau of Sanit	6/26/2013	5/25/2020	11/25/2021	\$950,000.00	\$950,000.00	32 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12020	City of Los Angeles, Department of	9/27/2012	3/26/2019	3/26/2020	\$450,000.00	\$450,000.00	15 H.D. 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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
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
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
MS12009	Sysco Food Services of Los Angeles	1/7/2014	4/6/2020		\$150,000.00	\$150,000.00	Construct New Public-Access LNG Station	\$0.00	Yes
MS12010	Murrieta Valley Unified School Distric	4/5/2013	9/4/2019		\$242,786.00	\$242,786.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12011	Southern California Gas Company	6/14/2013	6/13/2019	5/28/2021	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12024	Southern California Gas Company	6/13/2013	12/12/2019	11/12/2020	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12025	Silverado Stages, Inc.	11/2/2012	7/1/2018		\$150,000.00	\$150,000.00	Purchase Six Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12026	U-Haul Company of California	3/14/2013	3/13/2019		\$500,000.00	\$353,048.26	Purchase 23 Medium-Heavy Duty Vehicles	\$146,951.74	Yes
MS12028	Dy-Dee Service of Pasadena, Inc.	12/22/2012	1/21/2019		\$45,000.00	\$40,000.00	Purchase 2 Medium-Duty and 1 Medium-He	\$5,000.00	Yes
MS12029	Community Action Partnership of Or	11/2/2012	11/1/2018		\$25,000.00	\$14,850.00	Purchase 1 Medium-Heavy Duty Vehicle	\$10,150.00	Yes
MS12031	Final Assembly, Inc.	11/2/2012	11/1/2018		\$50,000.00	\$32,446.00	Purchase 2 Medium-Heavy Duty Vehicles	\$17,554.00	Yes
MS12032	Fox Transportation	12/14/2012	12/13/2018		\$500,000.00	\$500,000.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12033	Mike Diamond/Phace Management	12/22/2012	12/21/2018	6/21/2021	\$148,900.00	\$148,900.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	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
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
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
MS12071	Transit Systems Unlimited, Inc.	5/17/2013	12/16/2018		\$21,250.00	\$21,250.00	Expansion of Existing CNG Station	\$0.00	Yes
MS12072	99 Cents Only Stores	4/5/2013	9/4/2019		\$100,000.00	\$100,000.00	Construct New CNG Station	\$0.00	Yes
MS12073	FirstCNG, LLC	7/27/2013	12/26/2019		\$150,000.00	\$150,000.00	Construct New CNG Station	\$0.00	Yes
MS12074	Arcadia Unified School District	7/5/2013	9/4/2019		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12075	CR&R Incorporated	7/27/2013	1/26/2021	1/26/2022	\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	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
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

Total: 33

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2012-2014 Contracts									
Open Contracts									
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, Department of	3/6/2015	9/5/2021	12/5/2022	\$810,000.00	\$720,000.00	Purchase 27 H.D. Nat. Gas Vehicles	\$90,000.00	No
ML14019	City of Corona Public Works	12/5/2014	6/4/2020	3/6/2023	\$178,263.00	\$15,468.52	EV Charging, Bicycle Racks, Bicycle Locker	\$162,794.48	No
ML14021	Riverside County Regional Park and	7/24/2014	12/23/2016	9/23/2018	\$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	9/1/2018	\$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	9/1/2018	\$230,000.00	\$0.00	Maintenance Fac. Modifications-Baldwin Par	\$230,000.00	No
ML14025	County of Los Angeles Dept of Publi	10/2/2015	7/1/2018		\$300,000.00	\$0.00	Construct New CNG Station in Malibu	\$300,000.00	No
ML14026	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023		\$300,000.00	\$0.00	Construct New CNG Station in Castaic	\$300,000.00	No
ML14027	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	6/1/2024	\$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	6/8/2019	\$425,000.00	\$25,000.00	Bicycle Racks, Outreach & Education	\$400,000.00	No
ML14033	City of Irvine	7/11/2014	2/10/2021		\$60,000.00	\$0.00	Purchase 2 H.D. CNG Vehicles	\$60,000.00	No
ML14049	City of Moreno Valley	7/11/2014	3/10/2021		\$105,000.00	\$48,250.00	One HD Nat Gas Vehicle, EV Charging, Bicy	\$56,750.00	No
ML14055	City of Highland	10/10/2014	3/9/2018	3/9/2019	\$500,000.00	\$0.00	Bicycle Lanes and Outreach	\$500,000.00	No
ML14056	City of Redlands	9/5/2014	5/4/2016	5/4/2018	\$125,000.00	\$0.00	Bicycle Lanes	\$125,000.00	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
ML14062	City of San Fernando	3/27/2015	5/26/2021		\$387,091.00	\$0.00	Expand Existing CNG Fueling Station	\$387,091.00	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
ML14067	City of Duarte	12/4/2015	1/3/2023	6/3/2024	\$60,000.00	\$0.00	Purchase Two Electric Buses	\$60,000.00	No
ML14068	City of South Pasadena	9/12/2014	10/11/2015	1/11/2020	\$10,183.00	\$0.00	Electric Vehicle Charging Infrastructure	\$10,183.00	No
ML14069	City of Beaumont	3/3/2017	3/2/2025		\$200,000.00	\$0.00	Construct New CNG Infrastructure	\$200,000.00	No
ML14070	City of Rancho Cucamonga	9/3/2016	12/2/2018		\$365,245.00	\$0.00	Bicycle Trail Improvements	\$365,245.00	No
ML14072	City of Cathedral City	8/13/2014	1/12/2021		\$136,000.00	\$0.00	Medium & H.D. Vehicles, EV Charging, Bike	\$136,000.00	No
ML14093	County of Los Angeles Dept of Publi	8/14/2015	1/13/2019		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
ML14094	City of Yucaipa	6/9/2017	6/8/2018		\$84,795.00	\$84,795.00	Installation of Bicycle Lanes	\$0.00	No
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	No
MS14037	Penske Truck Leasing Co., L.P.	4/7/2017	6/6/2020		\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Carson	\$75,000.00	No
MS14057	Los Angeles County MTA	11/7/2014	10/6/2019		\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14059	Riverside County Transportation Co	9/5/2014	3/4/2018	4/4/2020	\$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	3/26/2020	\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14075	Fullerton Joint Union High School Di	7/22/2016	11/21/2023		\$300,000.00	\$0.00	Expansion of Existing CNG Infrastructure/Ma	\$300,000.00	No
MS14076	Rialto Unified School District	6/17/2015	2/16/2022		\$225,000.00	\$225,000.00	New Public Access CNG Station	\$0.00	No
MS14079	Waste Resources, Inc.	9/14/2016	8/13/2022	8/13/2023	\$100,000.00	\$0.00	New Limited Access CNG Station	\$100,000.00	No
MS14082	Grand Central Recycling & Transfer	12/4/2015	3/3/2023	3/3/2024	\$150,000.00	\$0.00	Construct New Public Access CNG Station	\$150,000.00	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS14092	West Covina Unified School District	9/3/2016	12/2/2022		\$124,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$124,000.00	No
Total: 35									
Declined/Cancelled Contracts									
ML14063	City of Hawthorne				\$32,000.00	\$0.00	Expansion of Existng CNG Infrastructure	\$32,000.00	No
MS14035	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Sun Valle	\$75,000.00	No
MS14036	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - La Mirad	\$75,000.00	No
MS14038	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Fontana	\$75,000.00	No
MS14043	City of Anaheim				\$175,000.00	\$0.00	Expansion of Existing CNG Station	\$175,000.00	No
MS14078	American Honda Motor Co., Inc.	9/4/2015	8/3/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS14085	Prologis, L.P.				\$100,000.00	\$0.00	New Limited Access CNG Station	\$100,000.00	No
MS14086	San Gabriel Valley Towing I				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS14091	Serv-Wel Disposal				\$100,000.00	\$0.00	New Limited-Access CNG Infrastructure	\$100,000.00	No
Total: 9									
Closed Contracts									
ML14010	City of Cathedral City	8/13/2014	10/12/2015		\$25,000.00	\$25,000.00	Street Sweeping Operations	\$0.00	Yes
ML14011	City of Palm Springs	6/13/2014	1/12/2016		\$79,000.00	\$78,627.00	Bicycle Racks, Bicycle Outreach & Educatio	\$373.00	Yes
ML14015	Coachella Valley Association of Gov	6/6/2014	9/5/2015		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML14020	County of Los Angeles Dept of Publi	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
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
ML14065	City of Orange	9/5/2014	8/4/2015		\$10,000.00	\$10,000.00	Electric Vehicle Charging Infrastructure	\$0.00	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Total: 23									
Closed/Incomplete 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
Total: 1									
Open/Complete Contracts									
ML14013	City of Los Angeles, Bureau of Sanit	10/7/2016	2/6/2025		\$400,000.00	\$400,000.00	Purchase 14 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14014	City of Torrance	9/5/2014	12/4/2019		\$56,000.00	\$56,000.00	EV Charging Infrastructure	\$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
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
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$126,950.00	Expansion of Existing 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 Infrasn., Bicycle L	\$9,639.37	Yes
ML14034	City of Lake Elsinore	9/5/2014	5/4/2021		\$56,700.00	\$56,700.00	EV Charging Stations	\$0.00	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
ML14061	City of La Habra	3/11/2016	3/10/2022		\$41,600.00	\$41,270.49	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$329.51	Yes
ML14064	City of Claremont	7/11/2014	7/10/2020	1/10/2021	\$60,000.00	\$60,000.00	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML14071	City of Manhattan Beach	1/9/2015	11/8/2018		\$22,485.00	\$22,485.00	Electric Vehicle Charging Infrastructure	\$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
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
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
Total: 25									

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2014-2016 Contracts									
Open Contracts									
ML16005	City of Palm Springs	3/4/2016	10/3/2017		\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycl	\$40,000.00	No
ML16006	City of Cathedral City	4/27/2016	4/26/2022		\$55,000.00	\$0.00	Purchase 1 H.D. Nat. Gas Vehicle, Bicycle	\$55,000.00	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	11/19/2023	\$60,000.00	\$0.00	Purchase 4 Medium-Duty and 9 Heavy-Duty	\$60,000.00	No
ML16009	City of Fountain Valley	10/6/2015	2/5/2018	2/5/2019	\$46,100.00	\$0.00	Install EV Charging Infrastructure	\$46,100.00	No
ML16010	City of Fullerton	10/7/2016	4/6/2023		\$370,500.00	\$0.00	Expand Existing CNG Station, EV Charging I	\$370,500.00	No
ML16013	City of Monterey Park	12/4/2015	7/3/2022	7/3/2023	\$90,000.00	\$0.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$90,000.00	No
ML16016	City of Los Angeles, Department of	2/5/2016	12/4/2022		\$630,000.00	\$0.00	Purchase 21 Heavy-Duty Nat. Gas Vehicles	\$630,000.00	No
ML16017	City of Long Beach	2/5/2016	8/4/2023		\$1,445,400.00	\$951,400.00	Purchase 50 Medium-Duty, 19 H.D. Nat. Ga	\$494,000.00	No
ML16018	City of Hermosa Beach	10/7/2016	1/6/2023		\$29,520.00	\$0.00	Purchase 2 M.D. Nat. Gas Vehicles, Bicycle	\$29,520.00	No
ML16019	City of Los Angeles, Dept of General	1/25/2017	3/24/2020		\$102,955.00	\$0.00	Install EV Charging Infrastructure	\$102,955.00	No
ML16020	City of Pomona	4/1/2016	2/1/2018	8/1/2018	\$440,000.00	\$0.00	Install Road Surface Bicycle Detection Syste	\$440,000.00	No
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$0.00	Install EV Charging Infrastructure	\$49,400.00	No
ML16022	Los Angeles Department of Water an	5/5/2017	3/4/2024		\$360,000.00	\$0.00	Purchase 13 H.D. Nat. Gas Vehicles	\$360,000.00	No
ML16025	City of South Pasadena	6/22/2016	4/21/2023		\$180,535.00	\$0.00	Purchase H.D. Nat. Gas Vehicle, Expand Ex	\$180,535.00	No
ML16032	City of Azusa	9/9/2016	4/8/2019	4/8/2020	\$474,925.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$474,925.00	No
ML16034	City of Riverside	3/11/2016	10/10/2018		\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$0.00	Install a Class 1 Bikeway	\$500,000.00	No
ML16038	City of Palm Springs	4/1/2016	7/31/2022		\$230,000.00	\$0.00	Install Bicycle Lanes & Purchase 4 Heavy-D	\$230,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022		\$32,000.00	\$0.00	Install EV Charging Infrastructure	\$32,000.00	No
ML16040	City of Eastvale	1/6/2017	7/5/2022		\$110,000.00	\$0.00	Install EV Charging Infrastructure	\$110,000.00	No
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	1/2/2022	\$20,000.00	\$0.00	Install EV Charging Infrastructure	\$20,000.00	No
ML16042	City of San Dimas	4/1/2016	12/31/2019	12/31/2020	\$55,000.00	\$0.00	Install EV Charging Infrastructure	\$55,000.00	No
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$0.00	Maintenance Facility Modifications	\$275,000.00	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		\$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
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
ML16052	City of Rancho Cucamonga	9/3/2016	11/2/2019		\$315,576.00	\$0.00	Install Two Class 1 Bikeways	\$315,576.00	No
ML16053	City of Claremont	3/11/2016	7/10/2018		\$498,750.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$498,750.00	No
ML16054	City of Yucaipa	3/26/2016	7/26/2018		\$120,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$120,000.00	No
ML16056	City of Ontario	3/23/2016	9/22/2020		\$150,000.00	\$0.00	Expansion of an Existing CNG Station	\$150,000.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019		\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	No
ML16058	Los Angeles County Department of P	10/7/2016	4/6/2024		\$491,898.00	\$0.00	Purchase 15 H.D. Nat. Gas Vehicles and Ins	\$491,898.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML16060	City of Cudahy	2/5/2016	10/4/2017		\$73,910.00	\$0.00	Implement an "Open Streets" Event	\$73,910.00	No
ML16064	County of Orange, OC Parks	2/21/2017	10/20/2018		\$204,073.00	\$73,585.00	Implement "Open Streets" Events with Vario	\$130,488.00	No
ML16066	City of Long Beach Public Works	1/13/2017	9/12/2018		\$75,050.00	\$0.00	Implement an "Open Streets" Event	\$75,050.00	No
ML16068	Riverside County Dept of Public Heal	12/2/2016	8/1/2018		\$171,648.00	\$84,106.00	Implement an "Open Streets" Events with V	\$87,542.00	No
ML16069	City of West Covina	3/10/2017	6/9/2021		\$54,199.00	\$0.00	Installation of EV Charging Infrastructure	\$54,199.00	No
ML16070	City of Beverly Hills	2/21/2017	6/20/2023		\$90,000.00	\$90,000.00	Purchase 3 H.D. Nat. Gas Vehicles	\$0.00	No
ML16071	City of Highland	5/5/2017	1/4/2020		\$264,500.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$264,500.00	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
ML16075	City of San Fernando	10/27/2016	2/26/2019		\$354,000.00	\$0.00	Install a Class 1 Bikeway	\$354,000.00	No
ML16076	City of San Fernando	2/21/2017	8/20/2021		\$100,000.00	\$0.00	Install EV Charging Infrastructure	\$100,000.00	No
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	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
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	No
MS16029	Orange County Transportation Autho	1/12/2018	6/11/2020		\$851,883.00	\$0.00	Transportation Control Measure Partnership	\$851,883.00	No
MS16030	The Better World Group	12/19/2015	12/31/2017	12/31/2019	\$256,619.00	\$119,288.69	Programmic Outreach Services to the MSR	\$137,330.31	No
MS16082	Riverside County Transportation Co	9/3/2016	8/2/2018		\$590,759.00	\$257,160.13	Extended Freeway Service Patrols	\$333,598.87	No
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
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$143,833.05	Freeway Service Patrols	\$656,791.95	No
MS16087	Burrtec Waste & Recycling Services,	7/8/2016	3/7/2023		\$100,000.00	\$0.00	Construct New Limited-Access CNG Station	\$100,000.00	No
MS16090	Los Angeles County MTA	10/27/2016	4/26/2020		\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	No
MS16091	San Bernardino County Transportatio	10/7/2016	11/6/2018		\$1,000,000.00	\$0.00	Traffic Signal Synchronization Projects	\$1,000,000.00	No
MS16092	San Bernardino County Transportatio	2/3/2017	1/2/2019		\$250,000.00	\$84,744.00	Implement a Series of "Open Streets" Event	\$165,256.00	No
MS16093	Orange County Transportation Autho	9/3/2016	3/2/2018	9/2/2018	\$1,553,657.00	\$0.00	Implement a Mobile Ticketing System	\$1,553,657.00	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		\$450,000.00	\$0.00	EV Charging Infrastructure	\$450,000.00	No
MS16097	Walnut Valley Unified School District	10/7/2016	11/6/2022		\$250,000.00	\$175,000.00	Expand CNG Station & Modify Maintenance	\$75,000.00	No
MS16099	Foothill Transit	3/3/2017	3/31/2017		\$50,000.00	\$0.00	Provide Special Bus Service to the Los Ange	\$50,000.00	No
MS16102	Nasa Services, Inc.	2/21/2017	4/20/2023		\$100,000.00	\$0.00	Construct a Limited-Access CNG Station	\$100,000.00	No
MS16103	Arrow Services, Inc.	2/3/2017	4/2/2023		\$100,000.00	\$90,000.00	Construct a Limited-Access CNG Station	\$10,000.00	No
MS16105	Huntington Beach Union High School	3/3/2017	7/2/2024		\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16110	City of Riverside	10/6/2017	2/5/2025		\$300,000.00	\$0.00	Expansion of Existing CNG Station and Mai	\$300,000.00	No
MS16112	Orange County Transportation Autho	4/14/2017	3/13/2024		\$1,470,000.00	\$0.00	Repower Up to 98 Transit Buses	\$1,470,000.00	No
MS16113	Los Angeles County MTA	5/12/2017	4/11/2024		\$1,875,000.00	\$0.00	Repower Up to 125 Transit Buses	\$1,875,000.00	No
MS16114	City of Norwalk	3/3/2017	6/2/2024		\$45,000.00	\$32,170.00	Repower Up to 3 Transit Buses	\$12,830.00	No
MS16115	City of Santa Monica	4/14/2017	7/13/2025		\$870,000.00	\$0.00	Repower Up to 58 Transit Buses	\$870,000.00	No
MS16117	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$166,250.00	Expansion of Existing CNG Infrastructure	\$8,750.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS16118	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$166,250.00	Expansion of Existing CNG Infrastructure	\$8,750.00	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		\$600,000.00	\$0.00	Purchase 40 New Transit Buses with Near-Z	\$600,000.00	No

Total: 75

Pending Execution Contracts

ML16077	City of Rialto				\$463,216.00	\$0.00	Pedestrian Access Improvements, Bicycle L	\$463,216.00	No
ML16122	City of Wildomar				\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	No
MS16106	City of Lawndale				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16111	VNG 5703 Gage Avenue, LLC				\$150,000.00	\$0.00	Construct Public Access CNG Station in Pla	\$150,000.00	No

Total: 4

Declined/Cancelled Contracts

ML16014	City of Dana Point				\$153,818.00	\$0.00	Extend an Existing Class 1 Bikeway	\$153,818.00	No
ML16065	City of Temple City				\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16067	City of South El Monte				\$73,329.00	\$0.00	Implement an "Open Streets" Event	\$73,329.00	No
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
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

Total: 10

Closed Contracts

ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$0.00	No
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
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
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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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: 15

Open/Complete 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
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
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		\$25,000.00	\$21,003.82	Installation of EV Charging Infrastructure	\$3,996.18	Yes
ML16063	City of Glendora	3/4/2016	4/3/2022		\$30,000.00	\$30,000.00	Purchase One H.D. Nat. Gas Vehicle	\$0.00	Yes
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
ML16079	City of Yucaipa	4/1/2016	3/31/2020		\$5,000.00	\$5,000.00	Purchase Electric Lawnmower	\$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
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
MS16116	Riverside Transit Agency	3/3/2017	1/2/2023		\$10,000.00	\$9,793.00	Repower One Transit Bus	\$207.00	No

Total: 16

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2016-2018 Contracts

Open Contracts

ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$0.00	Install EVSE	\$49,661.00	No
MS18001	Los Angeles County MTA	6/29/2017	4/30/2018		\$807,945.00	\$0.00	Provide Clean Fuel Transit Service to Dodge	\$807,945.00	No
MS18002	Southern California Association of G	6/9/2017	11/30/2018		\$2,500,000.00	\$0.00	Regional Active Transportation Partnership	\$2,500,000.00	No
MS18003	Geographics	2/21/2017	2/20/2021		\$56,953.00	\$46,152.61	Design, Host and Maintain MSRC Website	\$10,800.39	No
MS18004	Orange County Transportation Autho	8/3/2017	4/30/2019		\$503,272.00	\$0.00	Provide Special Rail Service to Angel Stadiu	\$503,272.00	No
MS18005	Orange County Transportation Autho	1/5/2018	4/30/2019		\$834,222.00	\$405,709.29	Clean Fuel Bus Service to OC Fair	\$428,512.71	No
MS18006	Anaheim Transportation Network	10/6/2017	2/28/2020		\$219,564.00	\$0.00	Implement Anaheim Circulator Service	\$219,564.00	No
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$0.00	Special Transit Service to LA County Fair	\$100,000.00	No
MS18010	Southern California Regional Rail Au	12/28/2017	7/31/2019		\$351,186.00	\$0.00	Implement Special Metrolink Service to Unio	\$351,186.00	No
MS18011	Southern California Regional Rail Au	2/9/2018	6/30/2018		\$239,565.00	\$0.00	Special Train Service to Festival of Lights	\$239,565.00	No
MS18012	City of Hermosa Beach	2/2/2018	2/1/2024		\$36,000.00	\$0.00	Construct New Limited-Access CNG Station	\$36,000.00	No

Total: 11

Pending Execution Contracts

ML18019	City of Hidden Hills				\$49,999.00	\$0.00	Purchase Two Light-Duty ZEVs and EVSE	\$49,999.00	No
ML18020	City of Colton				\$67,881.00	\$0.00	Purchase One Medium-Duty and One Heavy	\$67,881.00	No
ML18022	City of Desert Hot Springs				\$50,000.00	\$0.00	Traffic Signal and Synchronization Project	\$50,000.00	No
ML18028	City of Artesia				\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18030	City of Grand Terrace				\$45,000.00	\$0.00	Install EVSE	\$45,000.00	No
ML18031	City of Diamond Bar				\$73,930.00	\$0.00	Install EVSE, Purchase up to 2-LD Vehicles	\$73,930.00	No
ML18032	City of Arcadia				\$74,650.00	\$0.00	Purchase 1-HD ZEV & 1-HD Near-ZEV	\$74,650.00	No
ML18033	City of Duarte				\$50,000.00	\$0.00	Purchase 1-HD ZEV	\$50,000.00	No
ML18034	City of Calabasas				\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18035	City of Westlake Village				\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18036	City of Indian Wells				\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18037	City of Westminster				\$120,900.00	\$0.00	Install EVSE, Purchase up to 3-LD ZEV & 1-	\$120,900.00	No
ML18038	City of Anaheim				\$221,500.00	\$0.00	Purchase 5 Light-Duty ZEVs and Install EVS	\$221,500.00	No
ML18039	City of Redlands				\$87,000.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$87,000.00	No
ML18042	City of San Fernando				\$10,000.00	\$0.00	Purchase 1 Lighty-Duty ZEV	\$10,000.00	No
ML18045	City of Culver City Transportation De				\$51,000.00	\$0.00	Purchase 8 Heavy-Duty Near-ZEVs	\$51,000.00	No
ML18046	City of Santa Ana				\$365,000.00	\$0.00	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$365,000.00	No
ML18047	City of Whittier				\$113,910.00	\$0.00	Purchase 5 Heavy-Duty Near ZEVs	\$113,910.00	No
ML18049	City of Downey				\$148,260.00	\$0.00	Install EVSE	\$148,260.00	No
ML18050	City of Irvine				\$330,490.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$330,490.00	No
ML18051	City of Rancho Cucamonga				\$227,040.00	\$0.00	Purchase 9 Light-Duty ZEVs, 2 Med-Duty Z	\$227,040.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18055	City of Long Beach Fleet Services B				\$622,220.00	\$0.00	Install EVSE	\$622,220.00	No
ML18060	County of Los Angeles Internal Servi				\$1,367,610.00	\$0.00	Purchase 29 Light-Duty ZEVs, 1 Med/Heavy	\$1,367,610.00	No
ML18061	City of Moreno Valley				\$25,000.00	\$0.00	Purchase 1 Heavy-Duty Near-ZEV	\$25,000.00	No
ML18062	City of Beaumont				\$25,000.00	\$0.00	Purchase 1 Heavy-Duty Near-ZEV	\$25,000.00	No
ML18063	City of Riverside				\$383,610.00	\$0.00	Expand Existing CNG Fueling Station	\$383,610.00	No
MS18009	Penske Truck Leasing Co., L.P.				\$82,500.00	\$0.00	Modify Maintenance Facility & Train Technici	\$82,500.00	No
MS18014	Regents of the University of Californi				\$254,795.00	\$0.00	Planning for EV Charging Infrastructure Inve	\$254,795.00	No
MS18015	Southern California Association of G				\$2,000,000.00	\$0.00	Southern California Future Communities Par	\$2,000,000.00	No
MS18016	Southern California Regional Rail Au				\$87,764.00	\$0.00	Special Train Service to Auto Club Speedwa	\$87,764.00	No
MS18017	City of Banning				\$225,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$225,000.00	No
MS18018	City of Norwalk				\$75,000.00	\$0.00	Vehicle Maintenance Facility Modifications	\$75,000.00	No
MS18023	Riverside County Transportation Co				\$500,000.00	\$0.00	Weekend Freeway Service Patrols	\$500,000.00	No
MS18024	Riverside County Transportation Co				\$1,500,000.00	\$0.00	Vanpool Incentive Program	\$1,500,000.00	No
MS18025	Los Angeles County MTA				\$1,324,560.00	\$0.00	Special Bus and Train Service to Dodger Sta	\$1,324,560.00	No
MS18026	Omnitrans				\$83,000.00	\$0.00	Modify Vehicles Maintenance Facility and Tr	\$83,000.00	No
MS18029	Irvine Ranch Water District				\$190,000.00	\$0.00	Install New Limited Access CNG Station & T	\$190,000.00	No

Total: 37

Declined/Cancelled Contracts

MS18013	California Energy Commission				\$3,000,000.00	\$0.00	Advise MSRC and Administer Hydrogen Infr	\$3,000,000.00	No
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Total: 1

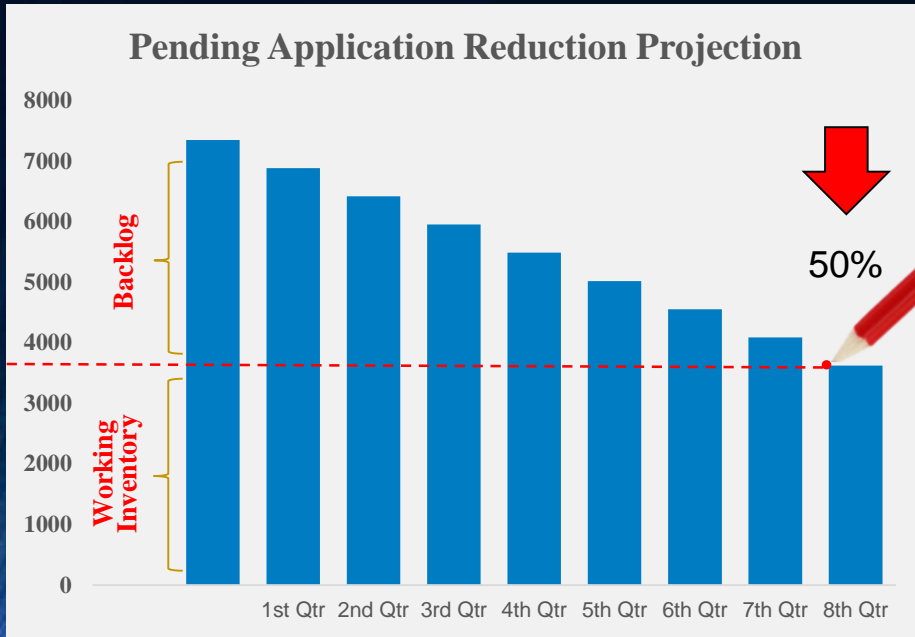


Status Report on Backlog Reduction Efforts

Governing Board Meeting

June 1, 2018

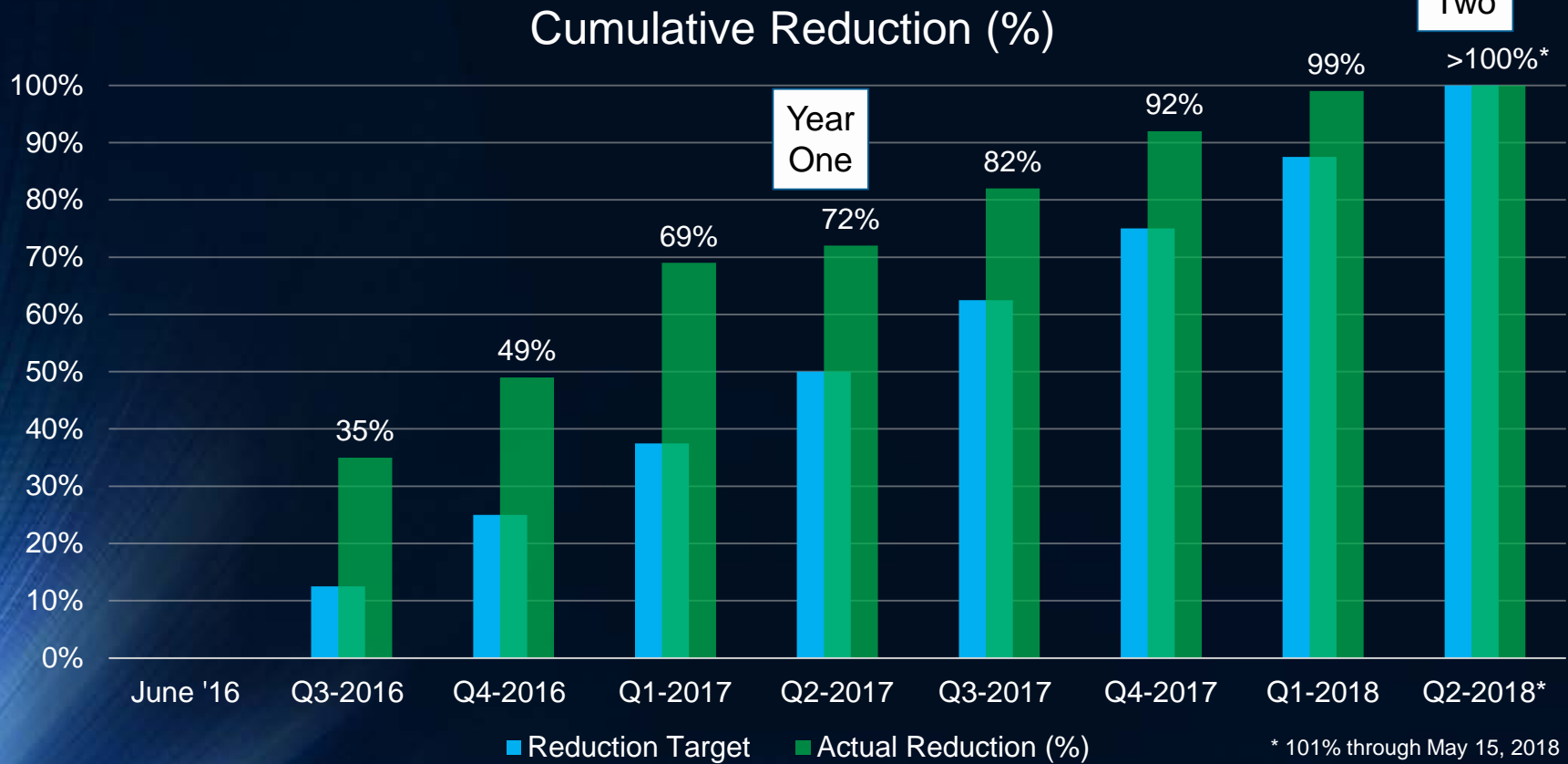
Background



October 2016 Plan

- **Board direction October 2016**
 - Reduce pending application inventory by 50% within two years
 - Authorized \$4.4 million for effort
- **Regular updates to Stationary Source Committee**

Pending Applications (2016 – 2018)

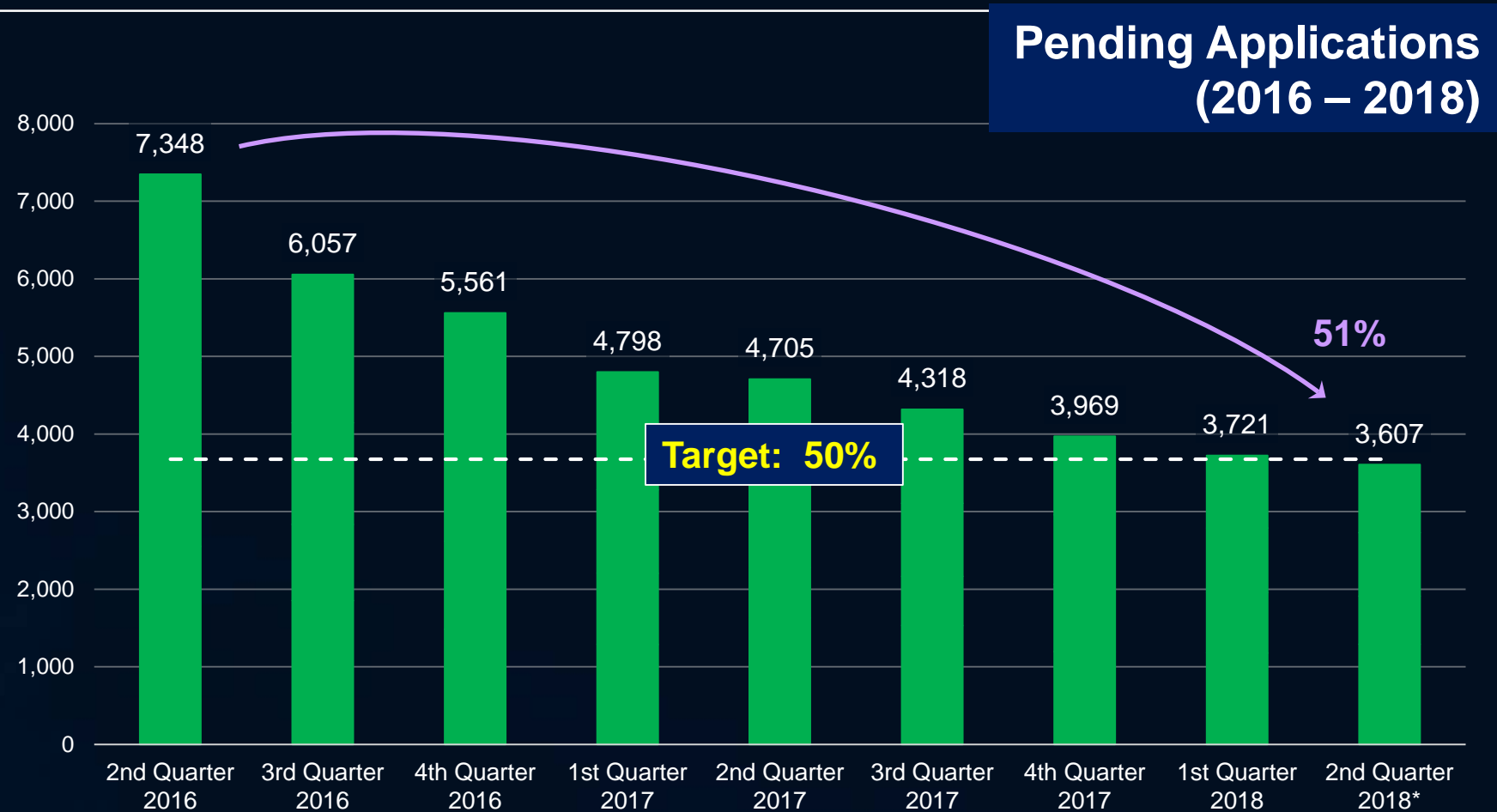


Progress

- Recently surpassed final target
- Ahead of time
- Under budget

Backlog Update

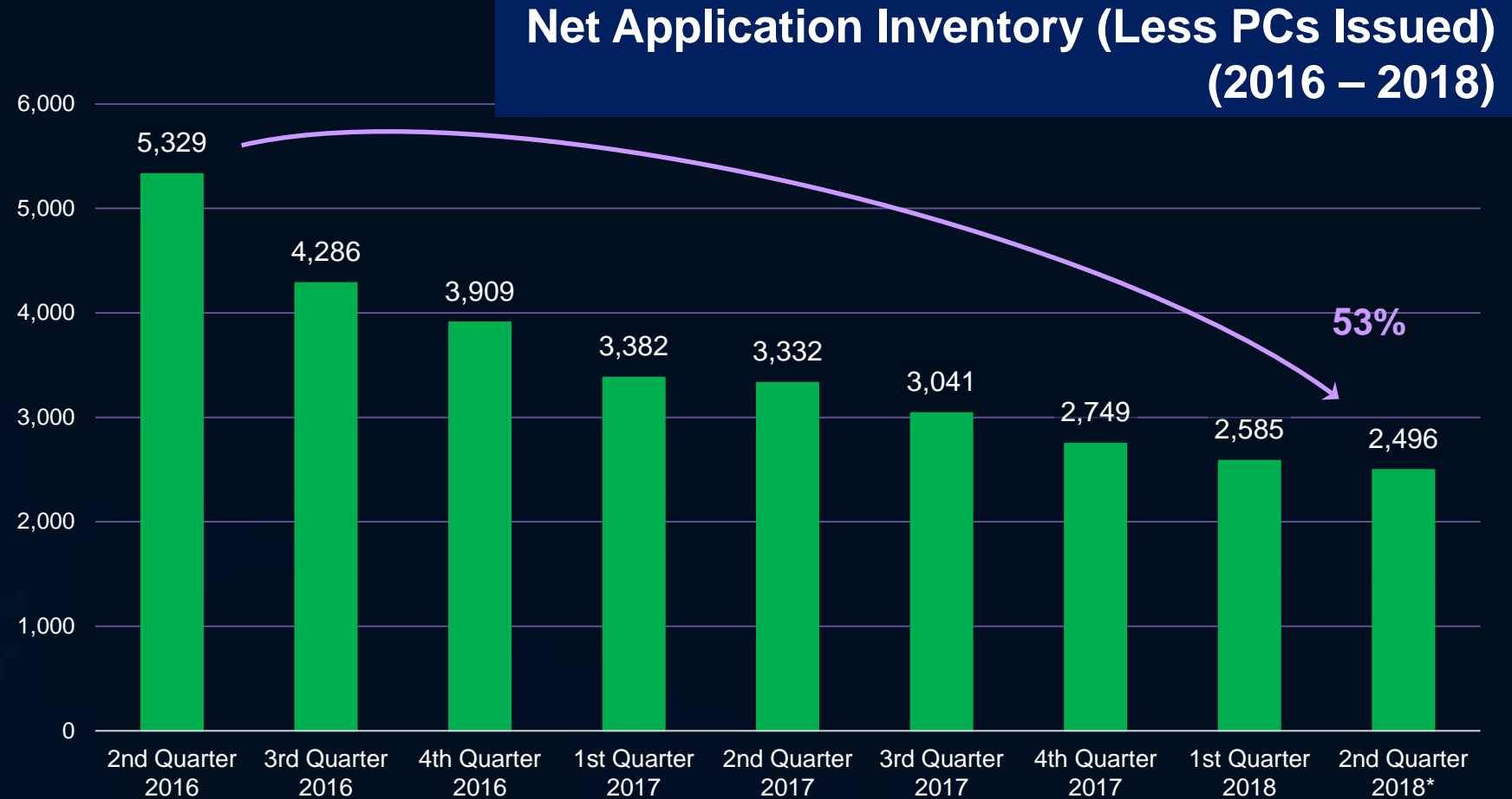
- Lowest inventory in 30+ years
- Efforts to continue to build cushion to address RECLAIM transition



* Through May 15, 2018

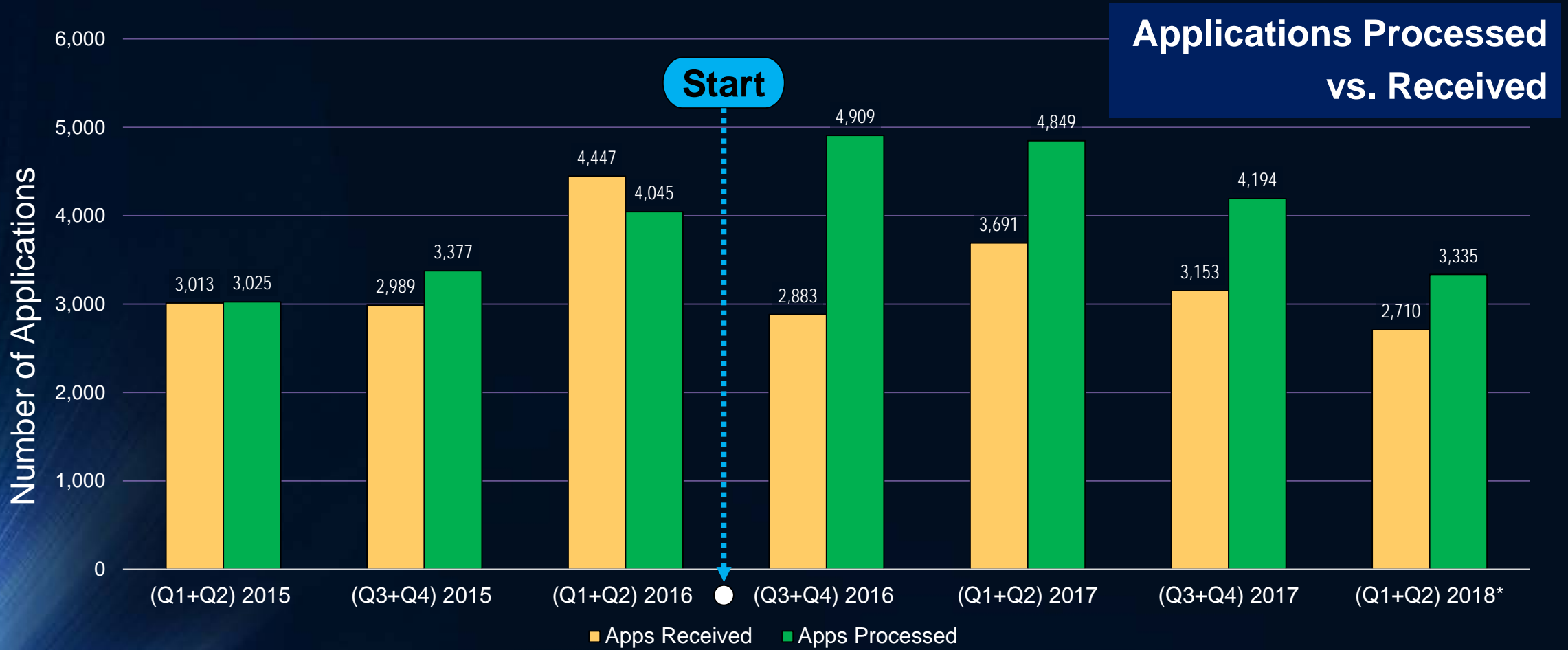
Backlog Update (cont.)

Accounting for permits to construct issued, the application inventory has been further reduced



* Through May 15, 2018

Improved Production Rates

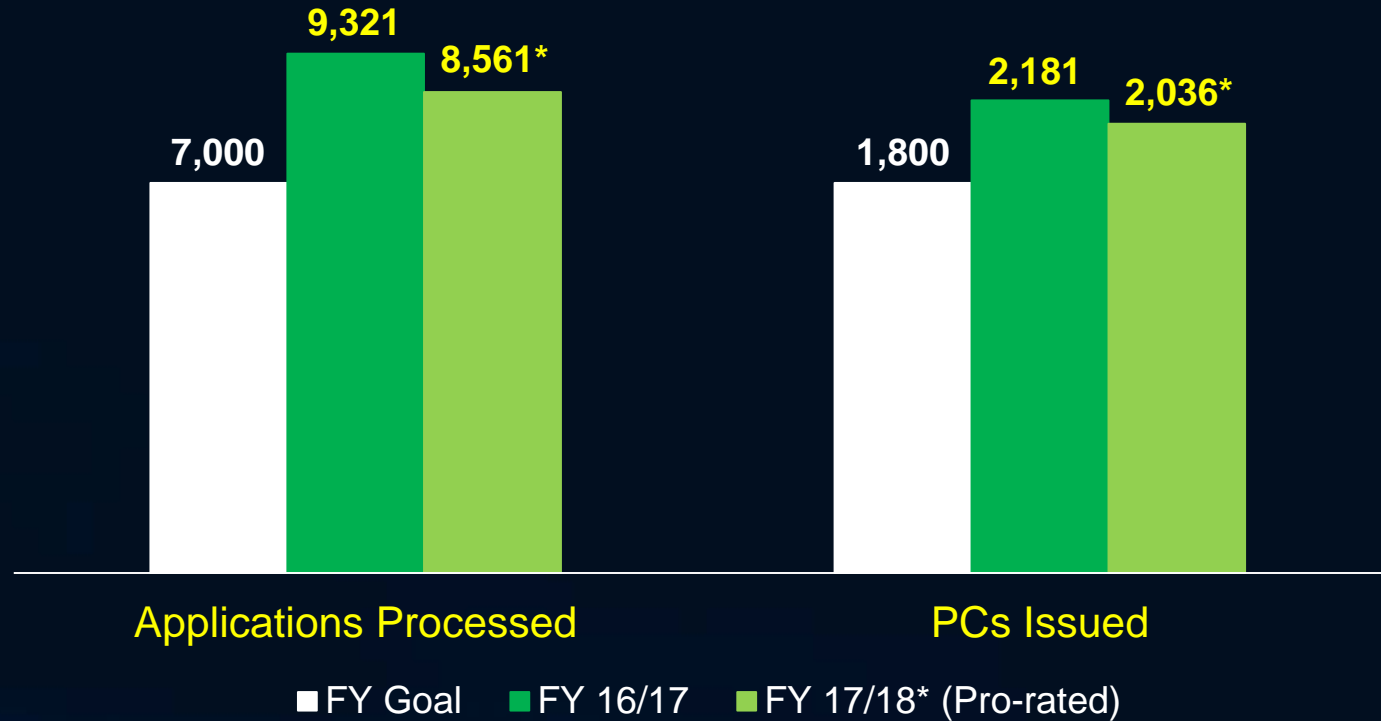


* Through May 15, 2018

Highlights

- Exceeding production milestones
- Initiated employee recognition program

Applications Processed



Online and Automation Initiatives

Goals

Improved permit processing and service to stakeholders

- Migrate to all electronic application submittals
- No more paper forms / submittals
- Transparency, responsiveness and efficiency

Phase I - Online permitting

- Dry Cleaning Facilities
- Automotive Spray Booths
- Gasoline Dispensing Facilities



Online and Automation Initiatives (cont.)

Phase II

Online Filing / Paperless processing

- Boilers, process heaters
- Oil production wells
- Negative air machines
- Charbroilers



Application status dashboard

- Public accessibility
- Enhanced metrics



Fostering Culture of Excellence



Continual Improvement Cycle

+



Moving Forward



- Continue progress
- Mindful of challenges
 - Processing residual aged apps of increasing complexity and challenges
 - Managing RECLAIM transition
 - Maintaining lower vacancy rate
- Celebrate milestone achievement

*More hopeful than ever
for continued success!*

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 25

PROPOSAL: Adopt Executive Officer's FY 2018-19 Proposed Budget
(Continued from May 4, 2018 Board Meeting)

SYNOPSIS: The Executive Officer's Proposed Budget for FY 2018-19 has been developed and is recommended for adoption. The proposed Budget, which is balanced, includes implementation of the phased-in fee increase adopted by the Board on June 2, 2017 to continue cost recovery efforts and, pursuant to Rule 320, an increase of most fees by 3.4% adopted by the Board on May 4, 2018. The proposed Budget also includes the impact of amendments to Regulation III that were approved by the Board on May 4, 2018. The proposed budget has been presented at a Budget Study Session (Special Meeting), a Board Retreat (Special Meeting), a Budget Advisory Committee meeting and at one public consultation meeting in April with recommendations and comments provided to the Board.

COMMITTEE: Reviewed: Budget Study Session (Special Board Meeting), April 13, 2018; and Board Retreat (Special Board Meeting), May 11, 2018

RECOMMENDED ACTIONS:

1. Remove from Reserves and Designations all amounts associated with the FY 2017-18 Budget;
2. Approve appropriations in the Major Objects for FY 2018-19 of:

Salary and Employee Benefits	\$132,868,320
Services and Supplies	28,674,481
Capital Outlays	<u>1,088,300</u>
Total	<u>\$162,631,101;</u>

3. Approve revenues for FY 2018-19 of \$162,631,101;
4. Approve the addition of 4.4 net authorized/funded positions as detailed in the FY 2018-19 Budget; and

5. Approve a projected June 30, 2019 Fund Balance of the following:

Classification¹	Reserves/Unreserved Designations	Amount
Committed	Reserve for Encumbrances	\$8,440,000
Nonspendable	Reserve for Inventory of Supplies	80,000
Assigned	Designated for Enhanced Compliance Activities	883,018
Assigned	Designated for Other Post Employment Benefit (OPEB) Obligations	2,952,496
Assigned	Designated for Permit Streamlining	1,313,385
Assigned	Designated for Self-Insurance	2,000,000
Assigned	Designated for Unemployment Claims	80,000
Total Reserves & Unreserved Designations		\$15,748,899
Unassigned	Undesignated Fund Balance	\$36,939,316

Wayne Nastri
Executive Officer

SJ:DRP:av

Background

The period covered by the FY 2018-19 budget is from July 1, 2018 to June 30, 2019. The General Fund budget is the agency's operating budget and is structured by office and account code. The accounts are categorized into three Major Objects: Salaries and Employee Benefits, Services and Supplies, and Capital Outlays. The budget is supplemented with a Work Program which estimates staff resources and expenditures along program and activity lines. A Work Program Output Justification is completed for each Work Program which identifies performance goals, measurable outputs, legal mandates, activity changes and revenue categories.

The annual expenditure and revenue budget for the General Fund is adopted on a modified accrual basis. All annual expenditure appropriations lapse at fiscal year-end if they have not been expended or encumbered. Throughout the year, budget amendments may be necessary to accommodate additional revenues and expenditure needs.

The Executive Officer's budget for FY 2018-19 represents the input over the past several months from Board members, the public, executive management, and staff. This year's process included meetings with the Budget Advisory Committee, one public consultation meeting held on April 10, 2018, a budget study session held for the Board on April 13, 2018, and discussion at the Board Retreat on May 11, 2018.

¹ The fund balance classifications of Committed, Nonspendable, Assigned, and Unassigned are established by the Government Accounting Standards Board 54.

Proposal

The budget proposed for FY 2018-19 is a balanced budget with expenditures and revenues of \$162,631,101. Changes since the May 4 Board meeting include an increase in the salary savings/vacancy percentage from 8% to 9% which results in a \$1.4 million savings, a \$1.1 million reduction in Services and Supplies, and a \$1.1 million reduction in Capital Outlay expenditures.

The proposed FY 2018-19 budget represents an increase of \$12,752,195 (8.5%) in total expenditures from the budget adopted by the Board in June 2017. Staff is proposing the net addition of 51 positions from the adopted FY 2017-18 budget. This includes the addition of five positions for Rule 1180- Refinery Fenceline and Community Air Monitoring and the deletion of one vacant position, as well as the already-approved mid-year actions adding 36.5 positions for AB 617 and 10.5 positions for AB 134. In Services and Supplies, the proposal for FY 2018-19 reflects an increase of \$606,786 (2.2%) compared to the FY 2017-18 adopted budget while Capital Outlays are decreasing by \$862,417 (-44.2%). The proposed FY 2018-19 budget represents an increase of \$15,634,281 (10.6 %) in total revenue from the budget adopted by the Board in June 2017. The proposed FY 2018-19 budget assumes a 3.4% fee increase, consistent with Rule 320 which was adopted by the Board on October 29, 2010 to allow for an increase of fees based on the change in the California CPI and the phased-in fee increase adopted by the Board in June 2017 to continue cost recovery efforts.

Resource Impacts

The proposed across-the-board CPI-based adjustments by 3.4% to Regulation III fees (excluding fee rates set by state law and Rule 311(c) Air Quality Investment Program fees), which is commensurate with the change in the California CPI from December 2016 to December 2017 pursuant to Rule 320, is estimated to result in an increase in SCAQMD's revenue of \$3.1 million for FY 2018-19 to cover the cost of inflation. The phased-in fee increase of an additional 10.67% for Title V annual operating permit renewal and permit processing fees and an additional 4% for non-Title V annual operating permit renewal and permit processing fees are estimated to increase SCAQMD's revenue by \$3.4 million in FY 2018-19.

Attachments

- A. FY 2018-19 Proposed Budget Summary²
- B. Actions to Balance the FY 2018-19 Budget

² Before the June 1, 2018 Board meeting, the final proposed FY 2018-19 Budget will be available online at <http://www.aqmd.gov/nav/about/finance>; and hard copies will also be available at the SCAQMD Public Information Center, (909) 396-2001.

ATTACHMENT A

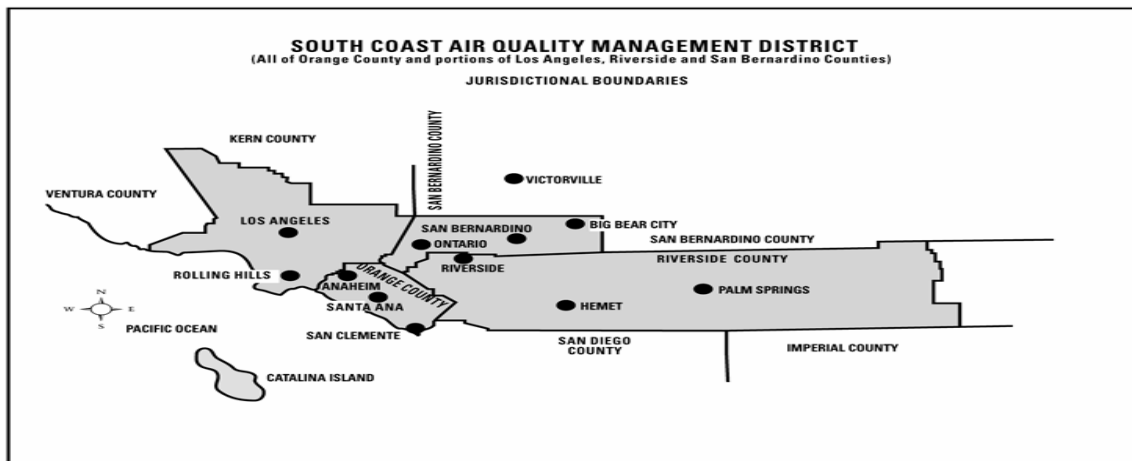
SUMMARY

Preface

This document represents the proposed FY 2018-19 Budget of the South Coast Air Quality Management District (SCAQMD). The proposed budget was available for public review and comment in early April. A public consultation meeting was held to discuss the proposed budget and proposed fees changes on April 10, 2018. In addition, a workshop for the Governing Board was held on April 13, 2018. A final proposed budget and proposed Amended Regulation (PAR) III - Fees were presented for adoption at a public hearing on May 4, 2018. A final proposed budget was presented at a Governing Board Retreat held on May 10-11, 2018. The final proposed FY 2018-19 Budget will be presented for adoption at a public hearing on June 1, 2018.

Introduction

The South Coast Air Quality Management District (SCAQMD) began operation on February 1, 1977 as a regional governmental agency established by the California Legislature pursuant to the Lewis Air Quality Management Act. The SCAQMD encompasses all of Orange County and parts of Los Angeles, San Bernardino and Riverside Counties. It succeeded the Southern California Air Pollution Control District (APCD) and its predecessor four county APCDs, of which the Los Angeles County APCD was the oldest in the nation, having been formed in 1947. The SCAQMD Governing Board is composed of 13 members, including four members appointed by the Boards of Supervisors of the four counties in SCAQMD's jurisdiction, six members appointed by cities in the SCAQMD's jurisdiction and three members appointed by the Governor, the Speaker of the State Assembly and the Rules Committee of the State Senate, respectively. The members appointed by the Boards of Supervisors and cities consist of one member of the Board of Supervisors of Los Angeles, Orange, Riverside, and San Bernardino Counties, respectively, and a mayor or member of the city council of a city within Orange, Riverside, and San Bernardino Counties. Los Angeles County cities have three representatives, one each from the western and eastern portions and one member representing the City of Los Angeles.

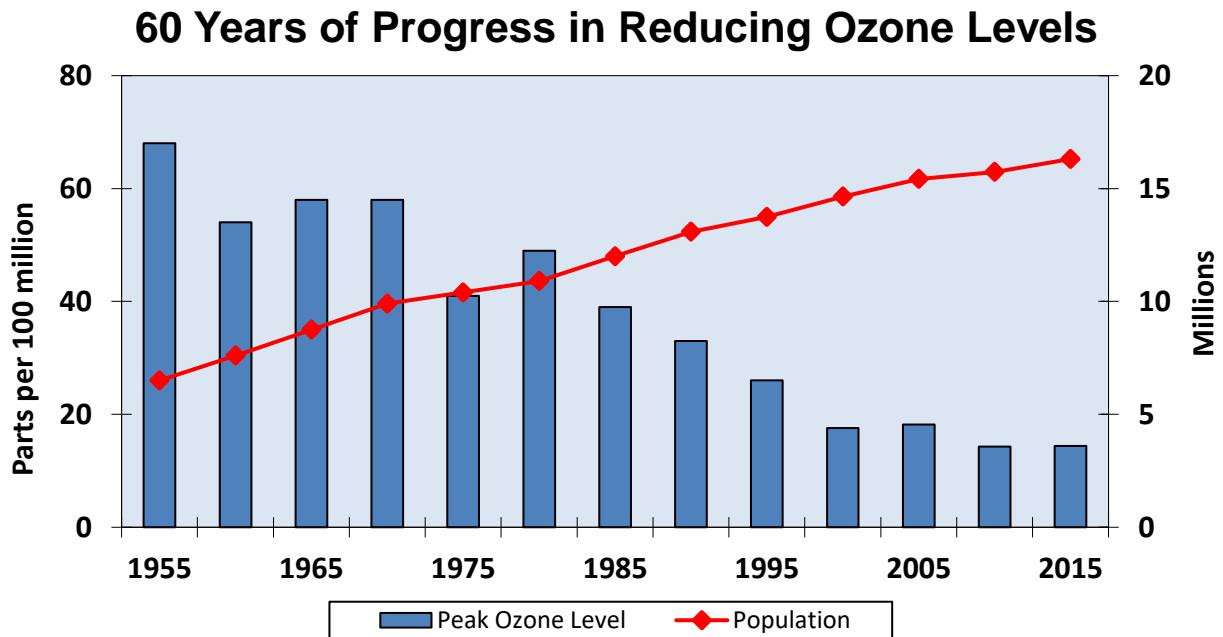


Air Quality History

The South Coast Air Basin has suffered unhealthy air since its rapid population growth and industrialization during World War II. While air quality has improved, the residents of the Basin still breathe some of the most polluted air in the nation.

The 68-year history of the region's air pollution control efforts is, in many ways, one of the world's key environmental success stories. Peak ozone levels have been cut by almost three-fourths since air monitoring began in the 1950s. Population exposure was cut in half during the 1980s alone.

Since the late 1940s when the war on smog began to 2015, the region's population has more than tripled from 4.8 million to 17.0 million; the number of motor vehicles has increased almost six-fold from 2.3 million to 13.7 million; and the area has grown into one of the most prosperous regions of the world. This phenomenal economic growth illustrates that pollution control and strong economic growth can coincide.



Mission

SCAQMD's mission is to clean the air and protect the health of all residents in the South Coast Air District through practical and innovative strategies.

This mission is pursued through a comprehensive program of planning, regulation, education, enforcement, compliance incentives, technical innovation and promoting public understanding of air quality issues. The SCAQMD has implemented a policy of working with regulated businesses to ensure their participation in making the rules which will impact them. This cooperative approach has resulted in greater business support of rulemaking efforts for air that is more healthful to breathe.

To carry out its mission, SCAQMD develops a set of Goals and Priority Objectives which are evaluated and revised annually and presented as part of the budget proposal. The following Proposed Goals have been identified as being critical to meeting SCAQMD's Mission for FY 2018-19:

- I. Achieve Clean Air Standards.
- II. Enhance Public Education and Equitable Treatment for All Communities.
- III. Operate Efficiently and Transparently.

These goals are the foundation for SCAQMD's Work Program categories. Each goal is supported by multiple activities, which target specific areas of program performance.

Air Quality

Overview

The four-county Southern California region, designated for air quality purposes as the South Coast Air Basin (Basin), has some of the highest air pollution levels in the United States. The federal government has designated seven pollutants that are pervasive enough across the nation to warrant federal health standards, called National Ambient Air Quality Standards (NAAQS). Known as "criteria pollutants," these are: ozone (O₃); nitrogen dioxide (NO₂); particulates (PM₁₀); fine particulates (PM_{2.5}); carbon monoxide (CO); lead (Pb); and sulfur dioxide (SO₂).

In addition, the State of California through the California Air Resources Board (CARB) sets ambient air quality standards for these same pollutants. California's standards are in some cases tighter than the U.S. Environmental Protection Agency's (U.S. EPA) standards, reflecting the conclusion on CARB's part that some of the federal standards are not adequate to protect public health in this region. Toxic compounds also are a potential problem. More toxic pollution is emitted into the air in the Basin than in any other region in California. The Basin's large number of motor vehicles and small sources, including small businesses and households using ozone-forming consumer products and paints, compound the problem.

Air Quality Trends

While our air quality continues to improve, the Basin remains one of the most unhealthful areas in the nation in terms of air quality. Ozone levels have fallen by more than three-quarters since peaks in the mid-1950s. U.S. EPA revised and strengthened the 8-hour ozone NAAQS, effective December 28, 2015, from concentrations exceeding 75 parts-per-billion (ppb) to concentrations exceeding 70 ppb. In 2017, the new 2015 8-hour ozone NAAQS was exceeded in the Basin on 145 days and the former 2008 ozone NAAQS was exceeded on 122 days based on preliminary data. The 2015 ozone NAAQS was exceeded in the Basin on 132 days in 2016 and 113 days in 2015. The increase in ozone exceedance days in 2016 and 2017 is largely attributed to enhanced photochemical ozone formation through the spring, summer and fall period due to persistent weather patterns that limited vertical mixing and warmed the lower atmosphere. Other potential factors are being assessed; for example, possible changes in relative emissions of VOC or NO_x. While the ozone control strategy continued to reduce precursor emissions from sources in the Basin in 2017, ozone-forming emissions transported from several long-term, large wildfires in southern and central California in the summer may have also played a role in the increase of exceedance days. The maximum observed ozone levels also show some year-to-year variability, but have generally been decreasing over the years. The highest 8-hour ozone level in the preliminary 2017 data was 136 ppb, compared to 122 ppb in 2016 and 127 ppb in 2015.

PM_{2.5} levels have decreased dramatically in the Basin since 1999; however, design value concentrations are still above the current annual 24-hour NAAQS. Effective March 18, 2013, U.S. EPA strengthened the annual average PM_{2.5} standard from 15 µg/m³ to 12 µg/m³, while retaining the 24-hour PM_{2.5} NAAQS of 35 µg/m³. In 2017, the 24-hour PM_{2.5} NAAQS was exceeded on 10 days at the highest station (Metropolitan Riverside County), based on preliminary filter data. In 2016, the same station exceeded the 24-hour NAAQS on only 6 days, the lowest on record, due to improving emissions and the influence of the increase in wintertime storm systems and improved ventilation in the Basin on many days in the winter months when the highest PM_{2.5} concentrations typically occur. The PM_{2.5} NAAQS was exceeded on seventeen days in 2015. Both the 2015 and 2017 PM_{2.5} measurements were strongly influenced by the long-term effects of the drought in California and 2017 was also influenced by large fires in southern and central California. The Basin's peak annual average PM_{2.5} level in 2017, 14.6 µg/m³ (preliminary data) was a little lower than the 2016 value, 14.8 µg/m³, which occurred at the same site. In 2017, quarterly PM_{2.5} averages for the fourth quarter were above normal for recent years, likely due to the impact of smoke transported from the series of wildfires that burned for several days in December. Out of the 29 wildfires across Southern California in December, six were very large fires, including the Thomas Fire which became the largest wildfire in modern California history.

In 2006, U.S. EPA rescinded the annual federal standard for PM₁₀ but retained the 24-hour standard. U.S. EPA re-designated the Basin as attainment of the health based standard for PM₁₀, effective July 26, 2013. Ambient levels of PM₁₀ in the Basin have continued to meet the federal 24-hour PM₁₀ NAAQS through 2017.

In November 2008, U.S. EPA revised the lead NAAQS from a 1.5 µg/m³ quarterly average to a rolling 3-month average of 0.15 µg/m³ and added new near-source monitoring requirements. The Los Angeles County portion of the Basin has been designated non-attainment for lead due to monitored concentrations near one facility. However, starting with the 3-year 2012-2014 design value, the Basin has met the lead standard. A re-designation request to U.S. EPA is pending.

Nitrogen dioxide, sulfur dioxide, and carbon monoxide levels have improved in the Basin and are in full attainment of the NAAQS. In 2007, U.S. EPA formally re-designated the Basin to attainment of the carbon monoxide NAAQS. Maximum levels of carbon monoxide in the Basin have been consistently less than one-third of the federal standards since 2004. In 2010, U.S. EPA revised the NO₂ 1-hour standard to a level of 100 ppb and the SO₂ 1-hour standard to a level of 75 ppb. In 2017, all sites in the Basin remained in attainment of these NAAQS.

Mandates

The SCAQMD is governed and directed by several state laws and a comprehensive federal law that provide the regulatory framework for air quality management in the Basin. These laws require SCAQMD to take prescribed steps to improve air quality.

Generally speaking, SCAQMD is responsible for stationary sources such as factories and businesses. CARB and U.S. EPA are primarily responsible for motor vehicles. SCAQMD and CARB share responsibilities with respect to area sources. SCAQMD and the Southern California Association of Governments (SCAG) share some responsibilities with CARB regarding certain aspects of mobile source emissions related to transportation and land use. Control of emissions from sources such as airports, harbors, and trains is shared by U.S. EPA, CARB and SCAQMD. Without adequate efforts by CARB and U.S. EPA to control emission sources under their sole authority, it is impossible for the region to reach federal clean air standards.

Under State law, SCAQMD must periodically develop and submit an Air Quality Management Plan (AQMP or Plan) to the State demonstrating how the region will achieve State and Federal ambient air quality standards, or at a minimum demonstrate that all feasible measures are being carried out to meet state air quality standards. Each iteration of the Plan is an update of the previous version. To date, the SCAQMD's Governing Board has adopted Plans demonstrating attainment in 1989, 1991, 1994, 1997, 1999 (amendments to the plan adopted in 1997), 2003, 2007 and 2012. The 2016 AQMP was approved in March 2017. Earlier plans in 1979 and 1982 did not show attainment and predicted continued unhealthy air well into this century. Revisions to the annual PM_{2.5} NAAQS, adopted by U.S. EPA in 2012 to further protect public health, lead to the projected attainment of the new annual PM_{2.5} NAAQS by 2025. The attainment deadline for the 2006 24-hour PM_{2.5} NAAQS is 2019. The 2008 federal 8-hour ozone NAAQS has an attainment deadline of 2032. Attainment designations for the 2015 ozone NAAQS are expected to be finalized in 2018, with State Implementation Plan (SIP) attainment demonstrations likely due in 2021 or 2022. Attainment deadlines for the new ozone NAAQS are still pending, but for an extreme non-attainment area such as the Basin, the attainment deadline is 20 years from the effective date of the designation, or approximately 2038.

State Laws include:

- California Clean Air Act (AB 2595) requires air districts in California to adopt plans to expeditiously meet state ambient air quality standards. It mandates that SCAQMD's attainment plans meet several specific requirements including:
 - ◆ a 5% per year reduction in emissions (the plan can achieve less than 5% annual reduction if it includes every feasible measure and an expeditious adoption schedule);
 - ◆ Best Available Control Technology (BACT) for new and modified sources;
 - ◆ Best Available Retrofit Control Technology (BARCT) for existing sources.
- Lewis-Presley Air Quality Management Act (SB 151) which specifies additional, more stringent requirements for air quality plans in the Basin. It specifies that SCAQMD has responsibility to prepare the plan in conjunction with SCAG, who must prepare the portions of the plan relating to demographic projections, land use, and transportation programs.
- Air Toxics "Hot Spots" Information & Assessment Act (AB 2588) which requires facilities that emit significant quantities of pollutants to prepare health risk assessments describing the impact of toxic contaminants on neighboring areas. If SCAQMD determines that the toxic emissions create a significant risk, the public must be notified and facilities must reduce emissions to below significant levels.
- Tanner Air Toxics Process (AB 1807) which requires CARB to adopt air toxic control measures to limit emissions of toxic air contaminants from classes of industrial facilities. Local air districts are required to enforce these regulations or adopt equally or more stringent regulations of their own.
- Health & Safety Code §42705.5 which requires air districts to deploy a community air monitoring system in selected locations and Section 42706.5 which requires air districts to design, develop, install, operate and maintain refinery-related community air monitoring systems.

State law also includes the following measures:

- authorizes SCAQMD to adopt market incentives as long as the emitters achieve reductions equivalent to command-and-control regulations;
- requires SCAQMD to establish a program to encourage voluntary participation in projects to increase the use of clean-burning fuels;
- requires SCAQMD to adopt and enforce rules to ensure no net emission increases from stationary sources.

Under the Federal Clean Air Act, SCAQMD must develop and submit to CARB for review, followed by submittal to U.S. EPA, an element of the SIP demonstrating how the Basin will achieve the NAAQS. In the case of ozone, the Plan was required to be submitted by November 15, 1994 and for PM10 particulate matter, the Plan was required to be submitted by February 8, 1997. Plans for other pollutants were submitted in earlier years. In 1997, U.S. EPA adopted new NAAQS for PM2.5 and replaced the 1997 1-hour ozone NAAQS with a new standard based on an 8 hour average. The SIPs to attain these federal standards were submitted to U.S. EPA in November, 2007. The SIP to attain the current 2006 24-hour PM2.5 NAAQS was submitted in early 2013.

The SIP to attain the 2008 8-hour ozone standard was submitted in 2017 following the March 3, 2017 adoption of the 2016 AQMP by the SCAQMD Governing Board, and is currently under U.S. EPA review.

The Federal Clean Air Act mandates that sanctions be imposed on an area if a suitable Plan is not adopted and approved by U.S. EPA. These sanctions can include loss of key federal funds and more stringent requirements on new or expanding industries. Specific requirements for SCAQMD's AQMP include stringent requirements plus Lowest Achievable Emission Rate (LAER) and offsets for major new sources. Federal law also requires an operating permit program for major stationary sources, known as Title V, which must be supported by permit fees. In addition, air toxics regulations adopted by U.S. EPA pursuant to Title III must be implemented by SCAQMD.

Air Quality Control

Developing solutions to the air quality problem involve highly technical processes and a variety of resources and efforts to meet the legal requirements of California and federal laws.

Monitoring: The first step in air quality control is to determine the smog problem by measuring air pollution levels. SCAQMD currently operates 43 monitoring stations in the South Coast Air Basin and a portion of the Salton Sea Air Basin in Coachella Valley. These range from fully equipped stations that measure levels of all criteria pollutants, as well as some air toxic pollutant levels, to those which measure a specific pollutant in critical areas. These measurements provide the basis of our knowledge about the nature of the air pollution problem and the data for planning and compliance efforts to address the problem.

Pollution Sources: The SCAQMD, in cooperation with CARB and SCAG, estimates the sources of emissions causing the air pollution problem. Nature itself causes a portion of the emissions and must be considered. In general, SCAQMD estimates stationary and natural sources of emissions, SCAG develops the information necessary to estimate population and traffic, and CARB develops the information necessary to estimate mobile and area source emissions using the SCAG traffic data. This data is then consolidated in the AQMP for use in developing the necessary control strategies.

Air Quality Modeling: Using air quality, meteorological and emissions models, SCAQMD planners simulate air pollution to demonstrate attainment of the air quality standards and the impacts of sources to local and regional air quality. Due to the nature of air pollution, air quality models can be very complex. Some pollutants are not emitted directly into the air but are products of photochemical reactions in the atmosphere. For example, VOCs mix with nitrogen dioxide (NO₂) and react in sunlight to form ozone; similarly, nitrogen oxide gases from tailpipes and smokestacks can be transformed into nitrates or particulates (PM_{2.5} and PM₁₀). The planners thus must take into account transport, land use characteristics and chemical reactions of emissions in the atmosphere to evaluate air quality impacts. Using model output, planners can look at different control scenarios to determine the best strategies to reduce air pollution for the lowest cost.

The considerable data required for these analyses is collected on an ongoing basis by SCAQMD staff. Modeling data is prepared and delivered using a geographic information system (GIS). GIS capability is used to prepare and produce data and spatial analysis maps for various needs by SCAQMD including rulemaking and California Environmental Quality Act (CEQA) document development.

Planning: With emissions data and an air quality model in place, planners can develop possible control strategies and scenarios. SCAQMD focuses most of its effort on stationary source controls. As mentioned earlier, strategies to reduce vehicle miles traveled (VMT) are developed primarily by SCAG, while mobile source control standards are developed primarily by CARB.

Once a plan of emission controls to achieve the NAAQS is outlined, SCAQMD is required to hold multiple public meetings to present the proposed control strategies and receive public input. SCAQMD also conducts a socioeconomic analysis of the strategies. SCAQMD maintains an ongoing and independent advisory group of outside experts for both its air quality modeling and socioeconomic assessment methodologies.

To meet federal air quality standards, the AQMPs and SIP submittals, including the 2016 AQMP, called for significant emissions reductions from projected baseline emissions in order to meet the NAAQS by the federal attainment deadlines (2019 for the 2006 24-hour PM_{2.5} NAAQS, 2025 for the 2012 annual PM_{2.5} NAAQS, 2023 for the 1979 1-hour ozone NAAQS, 2024 for the 1997 8-hour ozone NAAQS, and 2032 for the 2008 8-hour ozone NAAQS). These combined reductions, while meeting most NAAQS, will still not result in attainment of all California State ambient air quality standards or the revised 2015 8-hour ozone NAAQS. The 2012 AQMP addressed the 24-hour PM_{2.5} NAAQS. The 2016 AQMP addresses the 2008 8-hour ozone NAAQS and the 2012 annual PM_{2.5} NAAQS, and demonstrates compliance with the requirements for being a “serious” non-attainment area for the 24-hour PM_{2.5} NAAQS requirements. SCAQMD will continue to improve the emissions inventories and modeling techniques in order to address the 2015 8-hour NAAQS for the next AQMP revision which has an anticipated adoption in the 2021 or 2022 timeframe.

Rulemaking: The regulatory process, known as rulemaking, takes the concepts of control measures outlined in the AQMP and turns them into proposed rule language. This process involves the following: extensive research on technology; site inspections of affected industries to determine feasibility; typically a year or more of public task force and workshop meetings; in-depth analyses of environmental, social and economic impacts; and thorough review with appropriate Governing Board Committees.

This extensive process of public and policymaker participation encourages consensus in development of rule requirements so that affected sources have an opportunity for input into the rules that will regulate their operations. Once the requirements are developed, the proposed rule, along with an Environmental Assessment and a socioeconomic report, is presented to SCAQMD’s Governing Board at a public hearing. Public testimony is presented and considered by the Board before any rule is adopted. The adopted or amended rules are then submitted to

CARB and U.S. EPA for their approval. It is not uncommon for rulemaking to include follow-up implementation studies. These studies may extend one or more years past rule adoption/amendment and prior to rule implementation. Such studies are typically submitted to the Governing Board or appropriate Governing Board Committee.

Enforcement and Education: SCAQMD issues permits to construct and operate equipment to companies to ensure equipment is operated in compliance with adopted rules. Follow-up inspections are made to ensure that equipment is being operated under permit conditions.

Technical Innovation: In the late 1980s, SCAQMD recognized that technological innovation, as well as rule enforcement, would be necessary to achieve clean air standards. Thus the Technology Advancement Office was created to look for and encourage technical innovation to reduce emissions. The California State Legislature supported this effort by providing a \$1 surcharge on every DMV registration fee paid within the Basin. These funds have been matched at a ratio of approximately three-to-one with funds from the private sector to develop new technologies such as low-emission vehicles, low-NO_x burners for boilers and water heaters, zero-pollution paints and solvents, fuel cells and other innovations.

An additional \$4 vehicle registration fee was authorized by the state legislature in 1990. These fees are administered through SCAQMD with \$1.20 going to SCAQMD for mobile source emissions reductions, \$1.60 subvended directly to cities and counties to support their air quality programs, and \$1.20 to the Mobile Source Air Pollution Reduction Review Committee (MSRC). The MSRC is an outside panel established by state law whose function is to make the decisions on the actual projects to be funded from that portion of the revenue.

Public Education: SCAQMD's efforts to clean up the air will be successful only to the extent that the public understands air quality issues and supports and participates in cleanup effort. Thus, SCAQMD strives to involve and inform the public through the Legislative and Public Affairs/Media Office, public meetings, publications, the press, public service announcements, and social media.

Budget Synopsis

The SCAQMD's annual budget is adopted for the General Fund for a fiscal year that runs from July 1 through June 30. The period covered by the FY 2018-19 budget is from July 1, 2018 to June 30, 2019. The General Fund budget is the agency's operating budget and is structured by Office and account. The accounts are categorized into three Major Objects: Salaries and Employee Benefits, Services and Supplies, and Capital Outlays. The budget is supplemented with a Work Program containing nine program categories which estimate staff resources and expenditures along program and activity lines. Each category consists of a number of Work Programs, or activities. A Work Program Output Justification form is completed for each Work Program which identifies performance goals, measureable outputs, legal mandates, activity changes and revenue categories.

The annual expenditure and revenue budget for the General Fund is adopted on a modified accrual basis. All annual expenditure appropriations lapse at fiscal year-end if they have not been expended or encumbered. Throughout the year, budget amendments may be necessary to accommodate additional revenues and expenditure needs. Any amendments due to budget increases or transfers between expenditure accounts in different Major Objects must be approved by SCAQMD's Governing Board. They are submitted to the Governing Board for approval at a monthly Board meeting in the format of a board letter which documents the need for the request and the source of funding for the expenditure. Budget amendments resulting from transfers between expenditure accounts within the same Major Object are approved at the Office level.

SCAQMD does not adopt annual budgets for its Special Revenue Funds. Special Revenue Funds are used to record transactions applicable to specific revenue sources that are legally restricted for specific purposes. All transactions in Special Revenue Funds are approved by the Governing Board on an as-needed basis.

Budget Process

The SCAQMD budget process begins with the Assistant Deputy Executive Officer (ADEO) of Finance issuing instructions and guidelines to the Offices. Under the guidance of the Executive Officer, the Chief Operating Officer and the ADEO of Finance, the Offices also begin establishing Goals and Priority Objectives for the fiscal year. The proposed annual budget and multi-year forecast is then developed by the Offices, Finance, Executive Council, Chief Operating Officer and the Executive Officer based on the Goals and Priority Objectives as well as guidelines issued by the Executive Officer. Each Office submits requests for staffing, select Salary accounts, Services and Supplies accounts, and the Capital Outlays account. The remaining salary and benefit costs are developed by Finance. Capital expenditure requests are reviewed by an in-house committee who prioritizes the requests. Revenue projections are developed by Finance based on input received from the appropriate Offices and incorporate any proposed changes to Regulation III - Fees. This information is integrated into an initial budget request, including a multi-year forecast, and then fine-tuned under the direction of the Chief Operating Officer and the Executive Officer to arrive at a proposed budget. The public, business community, and other stakeholders have several opportunities to participate in the budget process, up to and at the budget adoption hearing by the Governing Board, including:

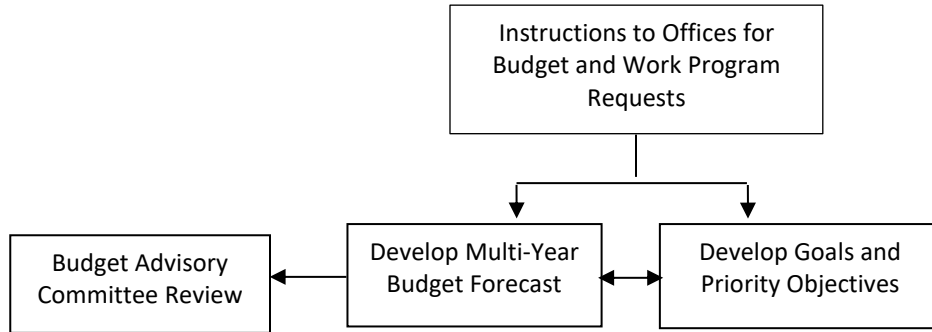
- two meetings of the Budget Advisory Committee whose members include various stakeholder representatives
- a public consultation meeting to discuss the proposed budget and proposed amendments to Regulation III - Fees
- a public hearing on the Proposed Budget and Work Program and Proposed Amended Regulation (PAR) III – Fees

The proposed budget is presented to SCAQMD's Governing Board at a budget workshop and to SCAQMD's Administrative Committee. Any public comments and Budget Advisory Committee recommendations are submitted to the Governing Board by April 15 of each year. The proposed

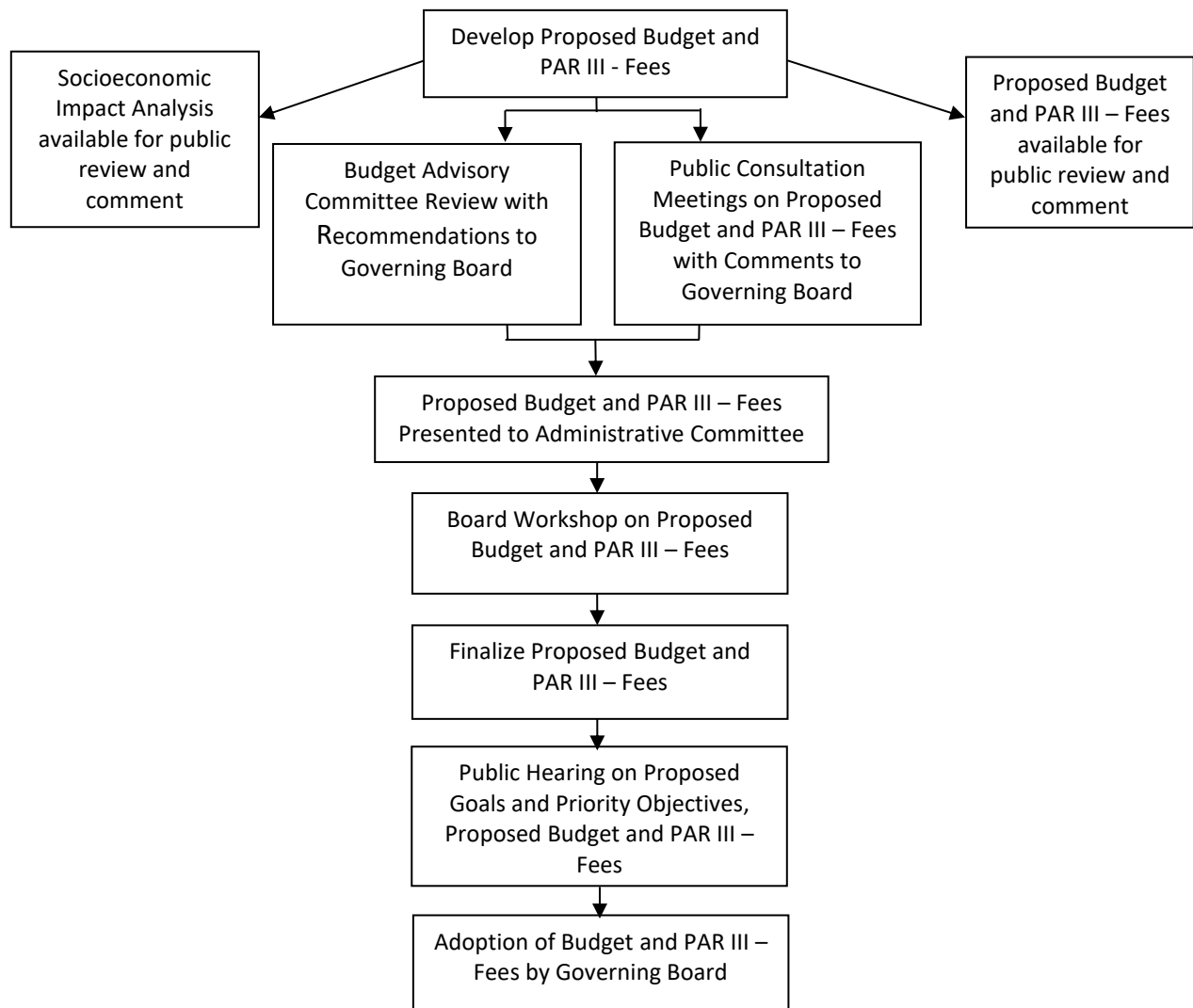
budget, including Regulation III - Fees, is adopted by the Governing Board and is in place on July 1 for the start of the new fiscal year.

The following flow charts represent the major milestones and processes that take place in developing SCAQMD's budget:

Preliminary Budget Process



Annual Budget Process



Budget Timeline	
Budget packages distributed to Offices	Nov 29, 2017
Budget submissions received from Offices	Jan 19, 2018
Budget Advisory Committee meeting	Jan 19, 2018
Proposed budget available for public review	April 3, 2018
Budget Advisory Committee meeting on proposed budget and PAR III – Fees	April 6, 2018
Public Consultation Meetings on proposed budget and PAR III - Fees	April 10, 2018
Public comments and Budget Advisory Committee recommendations submitted to Governing Board	April 13, 2018
Proposed budget and PAR III – Fees presented to Administrative Committee	April 13, 2018
Governing Board Budget Workshop	April 13, 2018
Public Hearing & Governing Board adoption of budget and PAR III – Fees	May 4, 2018
Governing Board Retreat	May 10-11, 2018
Public Hearing & Governing Board adoption of budget	June 1, 2018

Proposed Budget & Work Program

Budget Overview

The budget for FY 2018-19 proposes a balanced budget with expenditures and revenues of \$162.6 million. To compare against prior years, the following table shows SCAQMD’s amended budget and actual expenditures for FY 2016-17, adopted and amended budgets for FY 2017-18 and proposed budget for FY 2018-19.

Description	FY 2016-17 Amended	FY 2016-17 Actual	FY 2017-18 Adopted	FY 2017-18 Amended¹	FY 2018-19 Proposed
Staffing	815	-	825.25	872	876.4
Revenue/Transfers In	\$144.2	\$148.9	\$147.0	\$157.7	\$162.6
Program Costs/Transfers Out	\$151.5	\$142.1	\$149.9	\$162.4	\$162.6

¹ Includes Board approved changes through March 2018

The FY 2018-19 proposed budget reflects an increase of \$0.2 million in expenditures from the FY 2017-18 amended budget and an increase of \$12.7 million in expenditures from the budget adopted for FY 2017-18. The increase in expenditures from the FY 2017-18 adopted budget can be attributed to increases in retirement costs, salaries associated with 52 new positions funded by the AB 617 Community Air Protection Program, the AB 134 Program, and Rule 1180 and recently approved labor agreements. The FY 2018-19 proposed budget includes 876.4 positions, a net increase of 4.4 over the FY 2017-18 amended budget. Changes in the FY 2018-19 proposed budget include the addition of five position for Rule 1180, the deletion of one vacant Investigations Manager position, and the addition of 0.4 FTE to provide five months of critical

overlap and service continuity before an Assistant Deputy Executive Officer in Science & Technology Advancement retires.

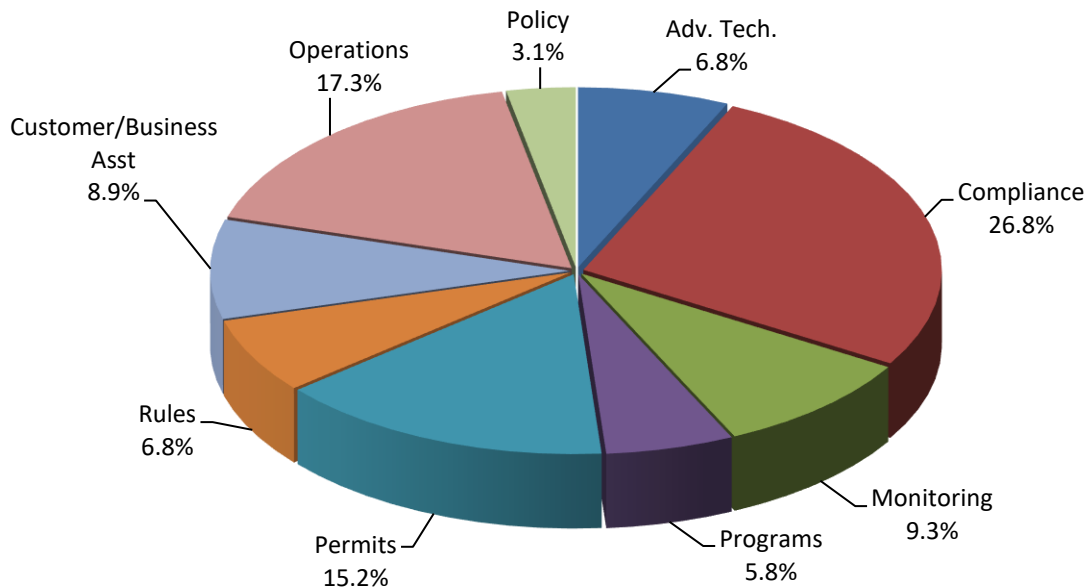
Expenditures

Work Program

SCAQMD expenditures are organized into nine Work Program Categories: Advance Clean Air Technology; Ensure Compliance with Clean Air Rules; Customer Service and Business Assistance; Develop Programs to Achieve Clean Air; Develop Rules to Achieve Clean Air; Monitoring Air Quality; Operational Support; Timely Review of Permits; and Policy Support. Each category consists of a number of Work Programs, or activities, which are classified according to the nature of the activity being performed.

Each Work Program ties to the goals and objectives of the agency and identifies resources, performance measures/outputs and legal mandates. A complete description of each program category along with a detailed work program sort by program is included in the Goals and Priority Objectives and Work Program section. The pie chart that follows represents the budgeted expenditures by Program Category for FY 2018-19.

Work Program Category Expenditures



The following table compares SCAQMD Work Program expenditures by category for the FY 2017-18 adopted budget and FY 2018-19 proposed budget.

Work Program Categories	FY 2017-18 Adopted Budget	FY 2018-19 Proposed Budget
Advance Clean Air Technology	\$ 8,661,899	\$ 11,108,263
Ensure Compliance with Clean Air Rules	42,802,490	43,655,133
Customer Service and Business Assistance	13,437,515	14,496,926
Develop Programs to Achieve Clean Air	10,184,322	9,387,075
Develop Rules to Achieve Clean Air	7,354,657	10,982,868
Monitoring Air Quality	11,398,567	15,150,150
Operational Support	26,747,503	28,105,108
Timely Review of Permits	24,151,356	24,679,524
Policy Support	5,140,597	5,066,054
Total	\$ 149,878,906	\$ 162,631,101

Account Categories

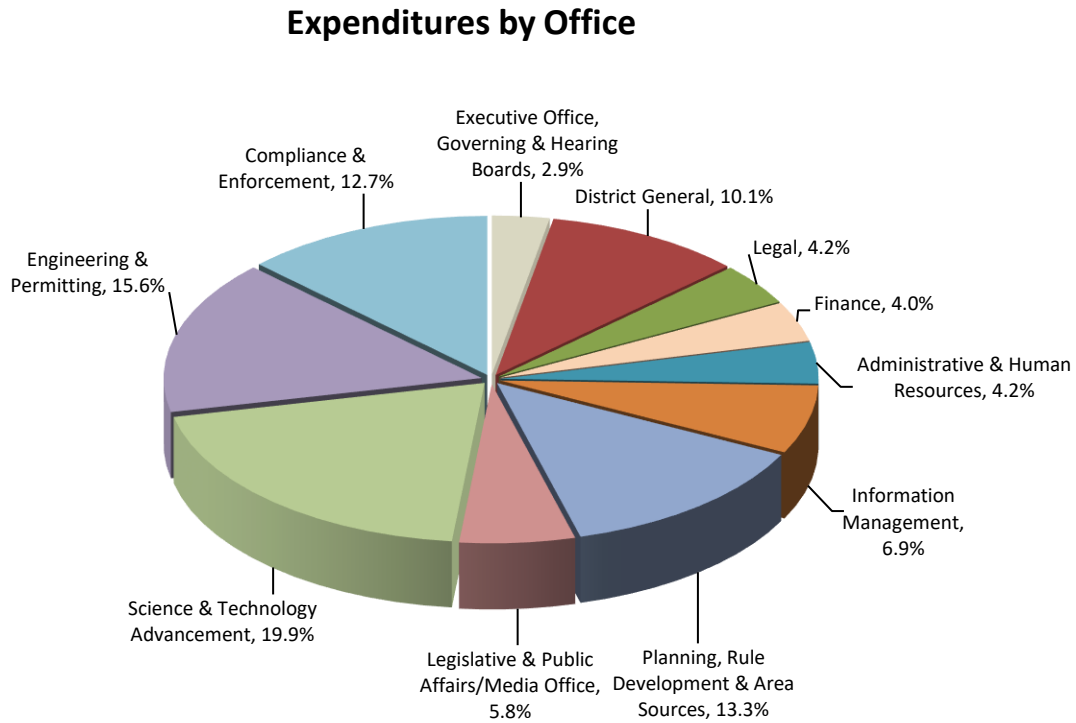
The following table compares the FY 2017-18 adopted budget and the FY 2017-18 amended budget to the proposed budget for FY 2018-19 by account category. The FY 2017-18 amended budget includes the Board-approved mid-year adjustments through March 2018.

Account Description	FY 2017-18 Adopted Budget	FY 2017-18 Amended Budget	FY 2018-19 Proposed Budget
Salaries/Benefits	\$ 119,860,494	\$ 123,246,774	\$ 132,868,320
Insurance	1,317,400	1,357,400	1,317,400
Rents	498,154	576,560	761,071
Supplies	2,777,621	3,535,097	2,510,982
Contracts and Services	10,515,792	12,705,579	10,523,187
Maintenance	1,687,193	2,048,982	2,367,143
Travel/Auto Expense	864,520	998,005	940,445
Utilities	2,213,288	2,098,540	1,959,620
Communications	702,000	740,480	717,800
Capital Outlays	1,950,717	7,506,651	1,088,300
Other	1,302,213	1,441,444	1,386,433
Debt Service	6,189,514	6,189,514	6,190,400
Total	\$ 149,878,906	\$ 162,445,026	\$ 162,631,101

As mentioned previously, the proposed budget for FY 2018-19 represents an approximately \$0.2 million increase in expenditures from the FY 2017-18 amended budget. The FY 2017-18 amended budget includes mid-year increases associated with the following: the purchase of air monitoring and laboratory analysis instruments, field platforms, optical gas imaging cameras, and toxic vapor analyzers for toxics activities; updates to the web-based Flare Event Notification system; the development of the online permitting modules; consultant services for SCAQMD environmental justice outreach and initiatives; upgrades to the laboratory PM weighing room; consultant services for specialized legal counsel; the purchase of services and supplies for the fifth Multiple Air Toxics Exposure Study (MATES V); staff, capital outlay expenditures and contractual services for the Community Air Protection Program under AB 617; staff for the AB 134 Program; and grant-related expenditures offset by revenue.

Office Categories

The following pie chart represents budgeted expenditures by Office for FY 2018-19.

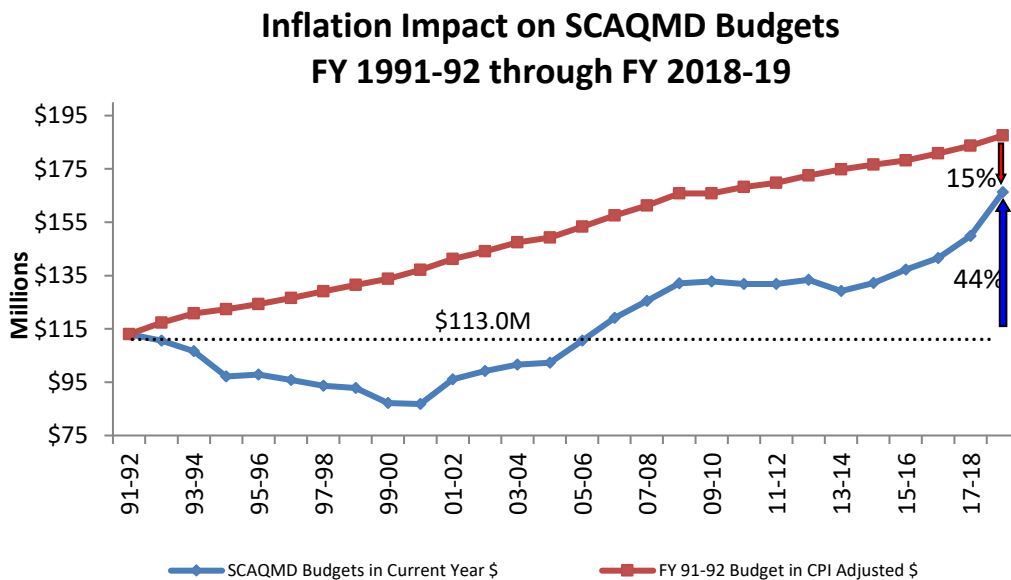
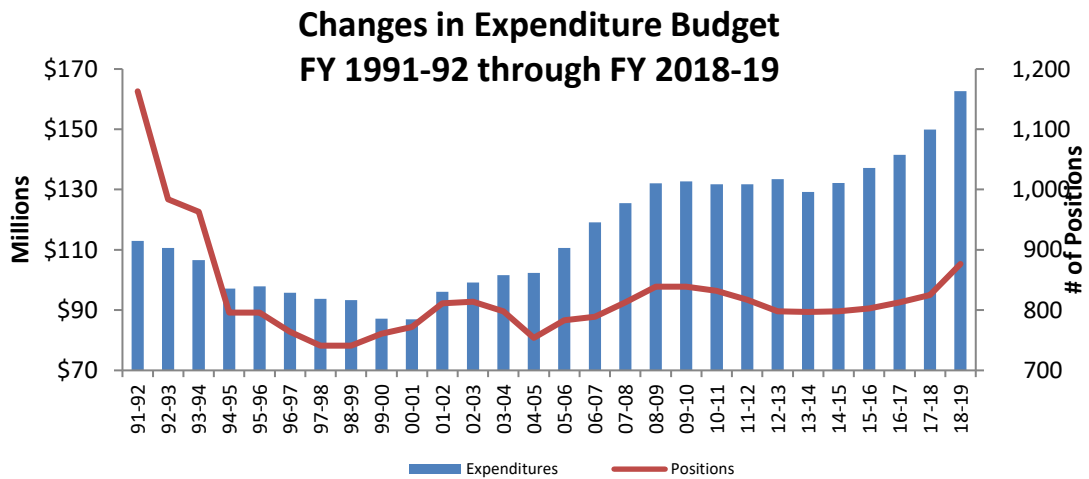


Budget Strategy

Over the years, SCAQMD has focused on streamlining many of its operations while still meeting its program commitments despite new federal and state mandates and increased workload complexity. The focus has been on reducing expenditures in the Major Object of Services and Supplies and maximizing the efficient use of staff resources to enable select vacant positions to remain vacant, be deleted or be unfunded. The budgeted vacancy rate is reviewed and adjusted

if necessary as part of the annual budget process. These efforts have resulted in reduced program costs and is reflected in the following charts showing SCAQMD's staffing and budget levels starting in FY 1991-92 when staffing was at 1,163 FTEs. The proposed budget for FY 2018-19 reflects a staffing level of 876.4 FTEs. This staffing level is 25% (286.6 FTEs) below the FY 1991-92 level.

The FY 2018-19 proposed budget is 44% higher when compared to the FY 1991-92 adopted budget of \$113 million. However, after adjusting the FY 1991-92 adopted budget for CPI over the last 26 years, the FY 18-19 proposal is 15% lower.



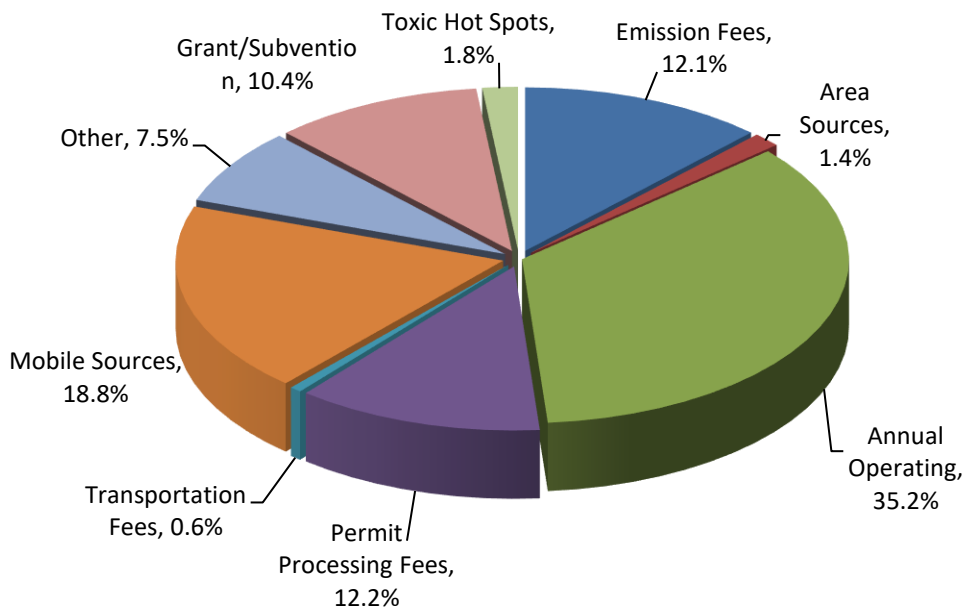
CPI adjustment based on California Consumer Price Index for the preceding Calendar Year

Revenues

Revenue Categories

Each year, in order to meet its financial needs, the SCAQMD Governing Board adopts a budget supported by a system of annual operating and emission fees, permit processing fees, toxic “hot spots” fees, area sources fees, source test/analysis fees, and transportation plan fees. In FY 2018-19, these fees are projected to generate approximately \$103.7 million or about 64% of SCAQMD revenues; of this \$103.7 million, \$96.9 million or 60% of SCAQMD’s revenues are from stationary sources. Other sources, which include penalties/settlements, Hearing Board fees, interest, and miscellaneous income, are projected to generate approximately 7% of total revenues in FY 2018-19. The remaining 29% of revenue is projected to be received in the form of federal and state grants, California Air Resource Board (CARB) subvention, and California Clean Air Act motor vehicle fees. Beginning in Fiscal Year 1978-79 Budget, the SCAQMD became a fee supported agency no longer receiving financial support from property taxes. The FY 2018-19 proposed revenue budget includes a proposed CPI fee adjustment of 3.4% and the second year of the June 2017 Board approved additional fee adjustment to permit processing fees and annual operating permit renewal fees of 10.67% for Title V facilities and 4% for non-Title V facilities in order to better align program costs with revenue.

Revenues by Major Category



The following table compares the FY 2017-18 adopted revenue budget and the FY 2017-18 amended revenue budget to the proposed revenue budget for FY 2018-19. The FY 2017-18 amended revenue budget includes Board-approved mid-year changes through March 2018.

Revenue Description	FY 2017-18 Adopted Budget	FY 2017-18 Amended Budget	FY 2018-19 Proposed Budget
Annual Operating Emission Fees	\$ 19,480,550	\$ 19,480,550	\$ 19,729,280
Annual Operating Permit Renewal Fees	53,078,320	53,078,320	57,270,930
Permit Processing Fees	19,595,150	19,595,150	19,856,640
Portable Equipment Registration Program	1,200,000	1,200,000	1,200,000
Area Sources	2,152,500	2,152,500	2,274,800
Grants/Subvention	10,397,650	18,337,872	16,888,530
Mobile Sources	28,199,250	28,199,250	30,625,320
Transportation Programs	861,360	861,360	951,280
Toxic Hot Spots	2,488,380	2,488,380	2,849,590
Other ¹	7,471,470	7,493,484	9,700,141
Transfers In	2,072,190	4,851,074	1,284,590
Total	\$ 146,996,820	\$ 157,737,940	\$ 162,631,101
¹ Includes revenues from Interest, Lease Income, Source Testing, Hearing Board, Penalties/Settlements, Subscriptions, and Other.			

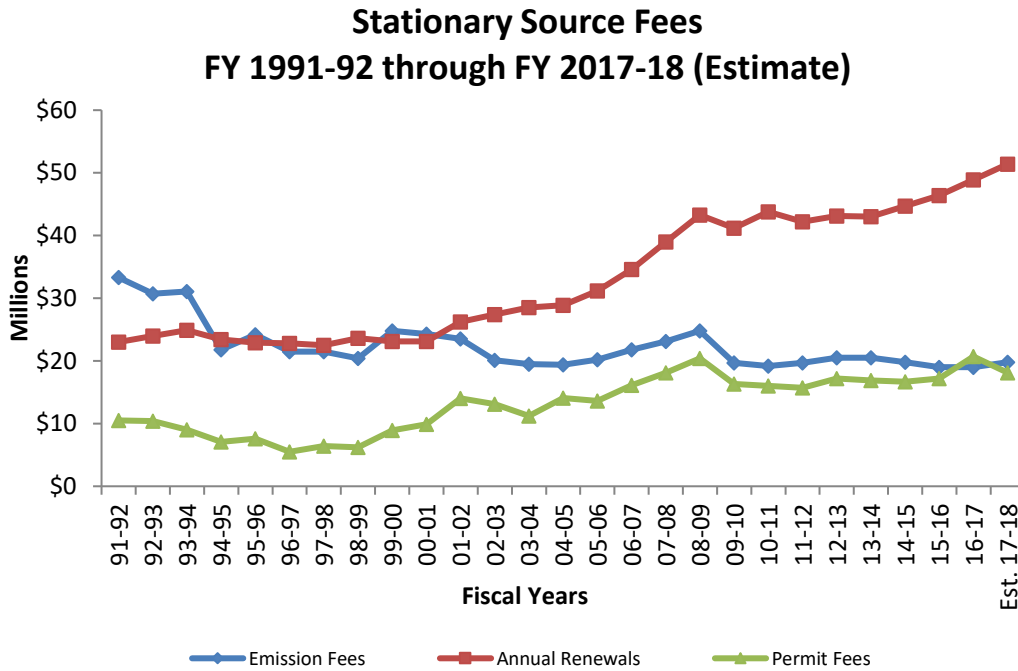
Over the past two decades, total permit fees (including permit processing, annual operating permit, and annual emissions-based fees) collected from stationary sources has increased by about 34% from \$66.8 million in FY 1991-92 to \$89.3 million (estimated) in FY 2017-18. When adjusted for inflation however, stationary source revenues have decreased by 22% over this same period.

Mobile source revenues that are subvned to the SCAQMD by the Department of Motor Vehicles (DMV) are projected to increase slightly from the FY 2017-18 budgeted amounts based on vehicle registration information from the DMV and recent revenue received. In addition, this category reflects reimbursements of incentive programs (Clean Fuels, Carl Moyer, and Prop 1B) whose contract activities and revenues are recorded in special revenue funds (outside the General Fund). These incentive program costs incurred by the General Fund are reimbursed to the General Fund from the various special revenue funds (subject to any administrative caps) and are reflected under the Mobile Source revenue category.

Revenues from the federal government, (Environmental Protection Agency, Department of Homeland Security, and Department of Energy) are projected to decrease in FY 2018-19 from FY 2017-18 budgeted levels reflecting the anticipated level of federal funding from one-time and on-going grants in support of air quality efforts. State Subvention funding is expected to remain

at the current level (reduced approximately 35% from FY 2001-02) for FY 2018-19. In addition, funding from CARB for the AB 617 Community Air Protection Program is included.

The following graph tracks actual stationary source revenues by type of fee from FY 1991-92 (when CPI limits were placed on SCAQMD fee authority) to estimated revenues for FY 2017-18.



Debt Structure

Pension Obligation Bonds

These bonds were issued jointly by the County of San Bernardino and the SCAQMD in December 1995. In June 2004 the SCAQMD went out separately and issued pension obligation bonds to refinance its respective obligation to the San Bernardino County Employee’s Retirement Association (SBCERA) for certain amounts arising as a result of retirement benefits accruing to members of the Association.

The annual payment requirements under these bonds are as follows:

Year Ending June 30	Principal	Interest	Total
2019	\$3,553,110	\$3,637,290	\$7,190,400
2020	3,686,640	3,503,982	7,190,622
2021	3,840,443	3,353,106	7,193,549
2022	4,006,881	3,186,361	7,193,242
2023-2024	7,790,000	467,633	8,257,633
Total	\$ 22,877,074	\$ 14,148,372	\$ 37,025,446

Fund Balance

The SCAQMD is projecting an Unreserved (Unassigned) Fund Balance for June 30, 2019 of \$36,939,316 in addition to the following Reserved and Unreserved Designated Fund Balances for FY 2018-19.

Classification	Reserves/Unreserved Designations	Amount
Committed	Reserve for Encumbrances	\$ 8,440,000
Nonspendable	Reserve for Inventory of Supplies	80,000
	Unreserved Designations:	
Assigned	For Enhanced Compliance Activities	883,018
Assigned	For Other Post Employment Benefit (OPEB) Obligations	2,952,496
Assigned	For Permit Streamlining	1,313,385
Assigned	For Self-Insurance	2,000,000
Assigned	For Unemployment Claims	80,000
Total Reserved & Unreserved Designations		\$ 15,748,899

Reserves are portions of the fund balance set aside for future use and are therefore not available for appropriation. These funds are made-up of encumbrances which represent the estimated amount of current and prior years' purchase orders and contract commitments at year-end and inventory which represents the value at cost of office, computer, cleaning and laboratory supplies on hand at year-end.

Unreserved Designations in the fund balance indicate plans for use of financial resources in future years. The Designation for Enhanced Compliance Activities provides funding for inspection/compliance efforts. The Designation for Other Post Employment Benefit Obligations (OPEB) provides funding to cover the current actuarial valuation of the inherited OPEB obligation for long-term healthcare costs from the County of Los Angeles resulting from the consolidation of the four county Air Pollution Control Districts (APCDs). The Designation for Permit Streamlining was established to fund program enhancements to increase permitting efficiency and customer service. The SCAQMD is self-insured for general liability, workers' compensation, automobile liability, premises liability, and unemployment.

Long-Term Projection

The SCAQMD continues to face a number of challenges in the upcoming years, including continued higher operating costs, growing program commitments and the need for major information technology and building infrastructure improvement projects while meeting air quality goals and permit processing targets. A primary uncertainty continues to be the degree of fluctuations the financial markets will take over the next few years which will determine the

performance of SCAQMD’s retirement investments and could impact pension liability. In addition, any future actions SBCERA may take such as lowering their investment return assumptions could significantly impact retirement costs and pension liability for the District. Another uncertainty is any legislative action that may impact the level of federal and state funding from grant awards and subvention funds. Cost recovery within the constraints of Proposition 26 is an additional uncertainty as SCAQMD strives to balance program operating expenses with revenues collected from fees.

In order to face these challenges, SCAQMD has a five year plan in place that provides for critical infrastructure improvement projects, maintains a stable vacancy rate in order to maximize cost efficiency, better aligns program revenues with costs, and strives to keep the percentage of unreserved fund balance to revenue within the Governing Board policy of 20%.

The following chart, outlining SCAQMD’s financial projection over this time period, shows the agency’s commitment to meet these challenges and uncertainties while protecting the health of the residents within the SCAQMD boundaries and remaining sensitive to business. Starting in FY 2022-23, SCAQMD will realize a \$3.1M savings in Pension Obligation Bond payments.

Fiscal 2017-18 Estimate and Five Year Projection						
(\$ in Millions)						
	FY 17-18 Estimate	FY 18-19 Proposed	FY 19-20 Projected	FY 20-21 Projected	FY 21-22 Projected	FY 22-23 Projected
STAFFING		876.4	886	886	886	886
REVENUES/TRANSFERS IN*	\$150.4	\$162.6	\$167.6	\$167.2	\$166.1	\$168.0
EXPENDITURES/TRANSFERS OUT	\$151.3	\$162.6	\$174.6	\$173.8	\$172.1	\$168.4
Change in Fund Balance	-\$0.9	-	-\$7.0	-\$6.6	-\$6.0	-\$0.4
UNRESERVED FUND BALANCE (at year-end)	\$44.2	\$44.2	\$37.2	\$30.6	\$24.6	\$24.2
% of REVENUE	29%	27%	22%	18%	15%	14%
*Includes projected CPI fee increase of 3.4% for FY 2018-19 and the 2017 Board approved second year of an additional 10.67% for Title V annual operating permit renewal and permit processing fees and an additional 4% for non-Title V annual operating permit renewal and permit processing fees; a CPI of 3.0% for FY 2019-20 and the 2017 Board approved 3 rd year of an additional 10.66% for Title V annual operating permit renewal and permit processing fees; a CPI of 2.9% for FY 2020-21 and FY 2021-22 and a CPI of 2.8% for FY 2022-23.						

As part of the Five Year Projection, SCAQMD has identified projected building maintenance and capital outlay improvement projects for its headquarters building. These projects are outlined in the following chart. In addition, the Infrastructure Improvement Special Revenue Fund was created with unanticipated one-time revenues from the General Fund for some of the capital outlay building-related improvement projects. The projects proposed from the Infrastructure

Improvement Fund include upgrading the Energy Management System and funding a portion of the air handler fan wall retrofit project.

GENERAL FUND POTENTIAL BUILDING MAINTENANCE and CAPITAL OUTLAY PROJECTS FY 2018-19 through 2022-23
Atrium and Building Expansion Joint Waterproofing
Repair and Reseal Parking Lot
Replace Liebert AC Units - Computer Room (6)
Replace Gaylord Air Scrubbers (2) - Cafeteria
Replace Air Handler Fan Walls
Replace Aging Kitchen Equipment
Covert Pneumatic Controls to Direct Digital Controls
Repair Concrete on Sidewalks and Curbs
Replace Vinyl Wall Covering
Refurbish Restroom and Copy/Coffee Room Sinks and Counter Tops
Repaint Building Interior
Refurbish/Replace Restroom Side Panels
Renovate Child Care Playground
Modernize Elevator Equipment
Upgrade Lighting Controls
Replace & Renovate Landscape/Irrigation
Convert Fluorescent Office Lighting to LED
Rebuild/Recompact Patio Area
Replace Roof - Child Care Center
Upgrade Electric Vehicle Charger and Support System
Convert Parking Lot and Building Lighting to LED
Repaint and Wallpaper Conference Center
Recoat Roofing Surface - District Headquarters
Paint and Wallpaper Conference Center
Replace VCT Tiles (Various Areas)
Renovate Third Floor North
Clean and Recoat Facility Roof Membrane

ATTACHMENT B

Actions to Balance the FY 2018-19 Budget

Original Draft FY 2018-19 Budget as of the May 4, 2018 Governing Board Meeting **\$ 166,242,877**

1) Reduce Salaries & Employee Benefits (Increase Vacancy Rate from 8% to 9%). **\$ 1,389,276**

2) Reduce Services & Supplies

Office	Account Description	Reduction Amount
Administrative & Human Resources	Gas & Oil	\$ 79,979
Administrative & Human Resources	Office Furniture	90,000
Compliance & Enforcement	Office Expense	24,395
Compliance & Enforcement	Office Furniture	1,250
District General	Utilities	253,668
Engineering & Permitting	Office Expense	23,364
Engineering & Permitting	Office Furniture	3,050
Executive Office	Professional & Special Services	75,000
Finance	Office Furniture	2,125
Finance	Postage	27,344
Information Management	Temporary Services	147,761
Legal	Office Furniture	4,500
Legal	Professional & Special Services	28,299
Legislative & Public Affairs	Professional & Special Services	132,995
Planning, Rule Development & Area Sources	Office Expense	98,516
Science & Technology Advancement	Small Tools	107,754
Total		\$ 1,100,000

3) Reduce Capital Outlays

Office	Description	Reduction Amount
Compliance & Enforcement	Title V Automation	\$ 200,000
District General - Information Management	Redundant Core Net Switch	225,000
Engineering & Permitting	Title V On-line Permit Processing	20,000
Information Management	Fiber Channel Switch Replacement	60,000
Information Management	High-Capacity Internet Router	35,000
Information Management	Network Server Upgrade	75,000
Information Management	Next Generation Firewall	75,000
Information Management	SAN Replacement	200,000
Science & Technology Advancement	Instruments for Gaseous Measurements	222,500
Science & Technology Advancement	Zero Air Generator	10,000
Total		\$ 1,122,500

Total Reductions to the Original Draft FY 2018-19 Budget as of the May 4, 2018 Governing Board Meeting **\$ 3,611,776**

Proposed FY 2018-19 Balanced Budget **\$ 162,631,101**

[↑ Back to Agenda](#)

BOARD MEETING DATE: June 1, 2018

AGENDA NO. 26

PROPOSAL: Issue RFP to Seek Contractors to Assist in Planning, Organizing, and Facilitating Two Annual Community Air Quality Events

SYNOPSIS: Every year SCAQMD conducts two important community air quality events to celebrate the lives and legacies of Dr. Martin Luther King, Jr., and Cesar Chavez. These two events not only celebrate the lives of these two important Americans, but also serve to educate the public on air quality and health. This action is to issue an RFP to solicit proposals for qualified contractors to assist in planning, organizing, and facilitating SCAQMD's Martin Luther King, Jr. Day of Service Forum and Cesar Chavez Day of Remembrance.

COMMITTEE: Special Administrative, May 25, 2018; Recommended for Approval

RECOMMENDED ACTION:

Approve release of RFP #P2018-14 to solicit proposals for qualified contractors to assist in planning, organizing and facilitating SCAQMD's Martin Luther King, Jr. Day of Service Forum and Cesar Chavez Day of Remembrance for a one-year period in an amount not to exceed \$150,000, with an option for up to two one-year contract renewals, contingent on satisfactory performance and approval of subsequent budgets, and upon approval of the Board.

Wayne Nastri
Executive Officer

DJA:RAR:jf

Background

For the last four years, SCAQMD has annually hosted two separate events: Martin Luther King, Jr. Day of Service Forum, and Cesar Chavez Day of Remembrance. Board Members, students, individuals from across the region, and civil rights activists from various communities attend the events. SCAQMD's engagement with the public through these events enables diverse members of the community to come together to commemorate social and environmental progress. These events also provide SCAQMD

with an opportunity to educate and provide information to attendees on ways we can work together to improve air quality.

Proposal

SCAQMD seeks proposal(s) for qualified contractors to assist the agency in planning, organizing, and facilitating SCAQMD’s Martin Luther King, Jr. Day of Service Forum and Cesar Chavez Day of Remembrance events. These two annual events take place in the months of January and March, respectively.

Bid Evaluation

Proposals received will be evaluated by a diverse panel of qualified individuals according to the criteria described in the attached RFP #P2018-14 - Assist in Planning, Organizing, and Facilitating Two Annual Community Air Quality Events. The Administrative Committee of the Board may conduct oral interviews of the most highly qualified bidders and make a recommendation to the full Board for approval.

Outreach

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

Additionally, potential bidders may be notified utilizing SCAQMD’s own electronic listing of certified minority vendors. Notice of the RFP 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 SCAQMD’s website (<http://www.aqmd.gov>) where it can be viewed by making the selection “Grants & Bids.”

Resource Impacts

Funding for year one of these services will be requested when the Board approves the contractor. Any future funding for years 2019-20 and 2020-21 will be dependent on Board approval.

Attachment

RFP #P2018-14 – Assist in Planning, Organizing and Facilitating Two Annual Community Air Quality Events.



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

REQUEST FOR PROPOSALS

ASSIST IN PLANNING, ORGANIZING, AND FACILITATING TWO ANNUAL COMMUNITY AIR QUALITY EVENTS

P2018-14

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

PURPOSE

The purpose of this Request for Proposals (RFP) is to solicit qualified firms or sole practitioners to assist SCAQMD in planning, organizing and facilitating two annual air quality events to celebrate the lives and legacies of Dr. Martin Luther King, Jr. and Cesar Chavez. These two events not only celebrate the lives of these two important Americans, but also serve to educate the public on air quality and health. The Martin Luther King, Jr. Day of Service Forum and the Cesar Chavez Day of Remembrance events take place annually in the months of January and March, respectively.

Participants at these events include, but are not limited to, SCAQMD Board Members, students, individuals from across SCAQMD's jurisdiction, and civil rights activists from various communities. SCAQMD seeks to engage with the public through these events to enable diverse members of the community to come together to commemorate social and environmental progress. These events also provide SCAQMD with an opportunity to educate and provide information to attendees on ways we can work together to improve air quality.

INDEX - The following are contained in this RFP:

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

Attachment A - Participation in the Procurement Process

Attachment B - Certifications and Representations

SECTION I: BACKGROUND/INFORMATION

SCAQMD requires the assistance of contractor(s) that under the direction SCAQMD's Executive Officer and/or Deputy Executive Officer for Legislative, Public Affairs & Media to plan, organize, and facilitate two community air quality events to celebrate the lives and legacies of Dr. Martin Luther King, Jr., and Cesar Chavez. These two events not only celebrate the lives of these two important Americans, but also serve to educate the public on air quality and health.

SECTION II: CONTACT PERSON:

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

Ricardo Rivera
 SCAQMD
 21865 Copley Drive
 Diamond Bar, CA 91765-4178
 (909) 396-3069

SECTION III: SCHEDULE OF EVENTS

Date	Event
June 1, 2018	RFP Released
July 3, 2018	Proposals Due to SCAQMD No Later Than 1:00 pm
July 3 – July 6, 2018	Proposal Evaluations
July 13, 2018	Interviews, if required
September 7, 2018	Governing Board Approval
September 14, 2018	Anticipated Contract Execution

SECTION IV: PARTICIPATION IN THE PROCUREMENT PROCESS

It is the policy of SCAQMD 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 SCAQMD 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 and/or Deputy Executive Officer for Legislative, Public Affairs, and Media, the CONTRACTOR will be responsible for all of the following with regard to the Martin Luther King, Jr. Day of Service Forum and the Cesar Chavez Day of Remembrance event:

1. Coordinate the implementation of the events by:

- Developing, managing, and executing master event logistical plans and timelines to deliver a successful SCAQMD events featuring community leaders who advocate for cleaner air.
- Acts as the point of contact for all elements of the events, including working with the SCAQMD staff, venue team, vendors/contractors, and sponsors.
- Research, negotiate, and secure site selection: CONTRACTOR will liaise with SCAQMD staff, contact appropriate venues, conduct site visits prior to contract completion, negotiate and complete contract with venue.
- Liaise with venue for meeting room set up, audio visual requirements, parking, transportation, emergency plans, security (if needed), catering and day-of venue operations.
- Direct and supervise all aspects of the events. Provide and train qualified day of event staff and master of ceremonies, supervise check-in area and on-site registration area, Secure and monitor sponsor/booth area, liaise with speakers prior to talks and a/v technicians.
- Maintain consistent and timely communication with SCAQMD staff via e-mail or telephone.
- Organize event agendas, including the creation of seating arrangements for speakers, VIP guests, staff and attendees; event floorplans, timeline and scripts.

2. Evaluate and report programming progress.

- Provide a written monthly report by the first week of the month detailing activities during the previous month, milestones reached, recommended conflict resolutions, and expectations for upcoming month for each event.
- Compile and archive event history including registration, submissions, exhibitions, advertising, space requirements, speaker list, mailing lists, catering, audio/visual, and decorating.
- Provide weekly reports of attendees.
- Deliver a post-event report.

3. Coordinate marketing, messaging, and material development.

- Direct, in conjunction with SCAQMD, the development of the messaging and outreach themes for the events
- Develop and implement both event's e-marketing strategy, including online web announcements, a dedicated landing page and social media presence on Facebook, Twitter, and LinkedIn channels.

- Design printed collateral materials such as invitations with relevant information and registration capabilities, advertising and sponsorship prospectus, on-site signage, and event programs.

4. Manage and implement outreach/media strategies.

- Identify interested guests, speakers, reporters/journalists, affiliates, and relevant organizations.
- Create and manage database of guests, speakers, and event affiliates.
- Notify key dignitaries representing state and local government, environmental organizations, faith leaders, youth advocates, and media to attend each event.
- Utilize existing events for outreach to targeted stakeholders.
- Identify opportunities to engage event attendees around special SCAQMD initiatives/policy items. Develop an advocacy Call-To-Action Plan.
- Create and distribute media advisory a week and a half prior to each event.
- Create press releases and media kit for the day of each event.

5. Design and develop online registration system.

- Provide automated electronic registration, confirmation, and receipt for all attendees.
- Manage lists of all invited guests and pre-registered attendees.
- Retrieve and output all attendee information (including spreadsheet capture and storage, customized pre- and post-event literature such as email reminders, labels and badges).
- Manage communication between SCAQMD and registrants.
- Manage on-site registration.
- Draft and schedule email Blasts for reminders to authors and presenters for registration.

SECTION VI: REQUIRED QUALIFICATIONS

- A. Persons or firms proposing to bid on this proposal must be qualified and experienced in the planning, organization, and facilitation of large community events. Contractors should be knowledgeable with SCAQMD mission, and must be familiar with Civil and Environmental Justice issues.

B. Proposer must submit the following:

1. Resumes or similar statement of qualifications of person or persons who may be designated as lead planner for the events.
2. List of representative clients.
3. Summary of proposer's general qualifications to meet required qualifications and fulfill statement of work, including additional 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. SCAQMD 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 SCAQMD.

Each proposal must be submitted in three separate volumes:

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

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

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

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

VOLUME I - TECHNICAL PROPOSAL

DO NOT INCLUDE ANY COST INFORMATION IN THE TECHNICAL VOLUME

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

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

Project Organization (Section C) - Describe the proposed management structure, program monitoring procedures, and organization of the proposed team. Provide a statement detailing

your approach to the project, specifically address the Firm's ability and willingness to commit and maintain staffing to successfully complete the project on the proposed schedule.

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

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

1. List all key personnel assigned to the project by level, name and location. Provide a resume or similar statement describing the background, qualifications and experience of the lead person and all persons assigned to the project. Substitution of project manager or lead personnel will not be permitted without prior written approval of SCAQMD.
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 SCAQMD.
4. Provide a statement of education and training programs provided to, or required of, the staff identified for participation in the project, particularly with reference to management consulting, governmental practices and procedures, and technical matters.
5. Provide a summary of your Firm's general qualifications to meet required qualifications and fulfill statement of work, including additional Firm personnel and resources beyond those who may be assigned to the project.

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

Conflict of Interest (Section G) - Address possible conflicts of interest with other clients affected by actions performed by the Firm on behalf of SCAQMD. SCAQMD 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, SCAQMD reserves the right to consider the nature and extent of such work in evaluating the proposal.

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

VOLUME II - COST PROPOSAL

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

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

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

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

SECTION VIII: PROPOSAL SUBMISSION

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

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

Due Date - **All proposals are due no later than 1:00 p.m., July 3, 2018, and should be directed to:**

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

Submittal - Submit six (4) 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 P2018-14."

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

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

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

Modification or Withdrawal - Once submitted, proposals cannot be altered without the prior written consent of SCAQMD. 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 SCAQMD 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 SCAQMD 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 of Scientific Expertise, or Special Projects Requiring Unique Knowledge or Abilities

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

(b) Additional Points

Small Business or Small Business Joint Venture	10
DVBE or DVBE Joint Venture	10
Use of DVBE or Small Business Subcontractors	7
Low-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, low-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 or certification from the State of California Office of Small Business Certification and Resources at the time of proposal submission certifying that the proposer meets the requirements set forth in Section IV. 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 Low-Emission Vehicle Business, the proposer must demonstrate to the Executive Officer, or designee, that supplies and materials delivered to SCAQMD are delivered in vehicles that operate on either clean-fuels or if powered by diesel fuel, that the vehicles have particulate traps installed. 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 SCAQMD 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 SCAQMD. The cumulative points awarded for small business, DVBE, use of Small Business or DVBE Subcontractors, Local Business, Low-Emission Vehicle Business and Off-Peak Hour Delivery Business shall not exceed 15 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 SCAQMD.
- 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 SCAQMD 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 SCAQMD 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 SCAQMD Procurement Department.
- G. The Executive Officer or Governing Board may award contracts to more than one proposer if in (his or their) sole judgment the purposes of the (contract or award) would best be served by selecting multiple proposers.
- H. If additional funds become available, the Executive Officer or Governing Board may increase the amount awarded. The Executive Officer or Governing Board may also select additional proposers for a grant or contract if additional funds become available.
- I. Disposition of Proposals – Pursuant to SCAQMD's Procurement Policy and Procedure, SCAQMD reserves the right to reject any or all proposals. All proposals become the property of SCAQMD, and are subject to the California Public Records Act. One copy of the proposal shall be retained for SCAQMD files. Additional copies and materials will be returned only if requested and at the proposer's expense.
- J. **If proposal submittal is for a Public Works project as defined by State of California Labor Code Section 1720, Proposer is required to include Contractor Registration No. in Attachment B. Proposal submittal will be deemed as non-responsive and Bidder may be disqualified if Contractor Registration No. is not included in Attachment B. Proposer is alerted to changes to California Prevailing Wage compliance requirements as defined in Senate Bill 854 (Stat. 2014, Chapter 28), and California Labor Code Sections 1770, 1771 and 1725.**

SECTION X: FUNDING

The total funding for the work contemplated by this RFP will be a maximum \$150,000.00 for the base year with an option to renew the contract for two one-year contract renewals at an estimated amount of \$150,000.00.

SECTION XI: SAMPLE CONTRACT

A sample contract to carry out the work described in this RFP is available on SCAQMD'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 (SCAQMD) 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 SCAQMD 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, low-emission vehicle business and off-peak hours delivery business are provided for purposes of determining eligibility for point or cost considerations in the evaluation process.

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

- b. the management and control of the daily business operations are by one or more disabled veterans. The disabled veterans who exercise management and control are not required to be the same disabled veterans as the owners of the business.
 - c. is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, firm, or other foreign-based business.
4. "Local business" as used in this policy means a company that has an ongoing business within geographical boundaries of SCAQMD at the time of bid or proposal submittal and performs 90% of the work related to the contract within the geographical boundaries of SCAQMD 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. "Low-Emission Vehicle Business" as used in this policy means a company or contractor that uses low-emission vehicles in conducting deliveries to SCAQMD. Low-emission vehicles include vehicles powered by electric, compressed natural gas (CNG), liquefied natural gas (LNG), liquefied petroleum gas (LPG), ethanol, methanol, hydrogen and diesel retrofitted with particulate matter (PM) traps.

8. "Off-Peak Hours Delivery Business" as used in this policy means a company or contractor that commits to conducting deliveries to SCAQMD 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 SCAQMD 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 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.
 12. "Disadvantaged Business Enterprise" as used in this policy means a business that is an entity owned and/or controlled by a socially and economically disadvantaged individual(s) as described by Title X of the Clean Air Act Amendments of 1990 (42 U.S.C. 7601 note) (10% statute), and Public Law 102-389 (42 U.S.C. 4370d)(8% statute), respectively;
 - a Small Business Enterprise (SBE);
 - a Small Business in a Rural Area (SBRA);
 - a Labor Surplus Area Firm (LSAF); or
 - a Historically Underutilized Business (HUB) Zone Small Business Concern, or a concern under a successor program.
- C. Under Request for Quotations (RFQ), DVBEs, DVBE business joint ventures, small businesses, and small business joint ventures shall be granted a preference in an amount equal to 5% of the lowest cost responsive bid. Low-Emission Vehicle Businesses shall be granted a preference in an amount equal to 5 percent of the lowest cost responsive bid. Off-Peak Hours Delivery Businesses shall be granted a preference in an amount equal to 2

percent of the lowest cost responsive bid. Local businesses (if the procurement is not funded in whole or in part by federal grant funds) shall be granted a preference in an amount equal to 2% of the lowest cost responsive bid. Businesses offering Most Favored Customer status shall be granted a preference in an amount equal to 2 percent of the lowest cost responsive bid.

- D. Under Request for Proposals, DVBEs, DVBE joint ventures, small businesses, and small business joint ventures shall be awarded ten (10) points in the evaluation process. A non-DVBE or large business shall receive seven (7) points for subcontracting at least twenty-five (25%) of the total contract value to a DVBE and/or small business. Low-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. SCAQMD 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 SCAQMD contractual obligations.
- F. SCAQMD 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. SCAQMD reserves the right to request documentation demonstrating compliance with the following good faith efforts prior to contract execution.
 - 1. Ensure Disadvantaged Business Enterprises (DBEs) are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.
 - 2. Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.
 - 3. Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and Local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.
 - 4. Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.

5. Using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.
 6. If the prime contractor awards subcontracts, require the prime contractor to take the above steps.
- H. To the extent that any conflict exists between this policy and any requirements imposed by federal and state law relating to participation in a contract by a certified MBE/WBE/DVBE as a condition of receipt of federal or state funds, the federal or state requirements shall prevail.
- I. When contracts are not funded in whole or in part by federal grant funds, a local business preference will be awarded. For such contracts that involve the purchase of commercial off-the-shelf products, local business preference will be given to suppliers or distributors of commercial off-the-shelf products who maintain an ongoing business within the geographical boundaries of SCAQMD. 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 SCAQMD 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, SCAQMD shall establish a fair share goal annually for expenditures with federal funds covered by its procurement policy.

ATTACHMENT B



South Coast Air Quality Management District

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

Business Information Request

Dear SCAQMD Contractor/Supplier:

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

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

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

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

Sincerely,

Sujata Jain
Assistant Deputy Executive Officer
Finance

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



South Coast Air Quality Management District

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

BUSINESS INFORMATION REQUEST

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

REMITTING ADDRESS INFORMATION

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

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

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

BUSINESS STATUS CERTIFICATIONS

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

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

Statements of certification:

As a prime contractor to 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.

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

Check all that apply:

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

Percent of ownership: _____ %

Name of Qualifying Owner(s): _____

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

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

NAME

TITLE

TELEPHONE NUMBER

DATE

Definitions

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

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

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

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

- has an ongoing business within the boundary of 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:
 - 1) Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.
 - 2) Classified between Codes 311000 to 339000, inclusive, of the North American Industrial Classification System (NAICS) Manual published by the United States Office of Management and Budget, 2007 edition.

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

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

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

Most Favored Customer as used in this policy means that the 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.

By signing the filled-out form, you:

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

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

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

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

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

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

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

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

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

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

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

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

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

Backup Withholding

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

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

Also see *Special rules for partnerships*, earlier.

What is FATCA Reporting?

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

Updating Your Information

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

Penalties

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

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

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

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

Specific Instructions

Line 1

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

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

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

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

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

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

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

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

Line 2

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

Line 3

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

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

Line 4, Exemptions

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

Exempt payee code.

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

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

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

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

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

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

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

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

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

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

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

Line 5

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

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

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

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

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

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

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

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

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

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

Part II. Certification

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

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

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

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

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

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

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

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

What Name and Number To Give the Requester

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

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

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

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

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

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

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

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

Secure Your Tax Records From Identity Theft

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

To reduce your risk:

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

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

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

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

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

Protect yourself from suspicious emails or phishing schemes.

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

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

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

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

Privacy Act Notice

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

2018 Withholding Exemption Certificate

590

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

Withholding Agent Information

Name _____

Payee Information

Name _____

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

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

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

State _____ ZIP code _____

Exemption Reason

Check only one box.

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

- Individuals — Certification of Residency:**
I am a resident of California and I reside at the address shown above. If I become a nonresident at any time, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.
- Corporations:**
The corporation has a permanent place of business in California at the address shown above or is qualified through the California Secretary of State (SOS) to do business in California. The corporation will file a California tax return. If this corporation ceases to have a permanent place of business in California or ceases to do any of the above, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.
- Partnerships or Limited Liability Companies (LLCs):**
The partnership or LLC has a permanent place of business in California at the address shown above or is registered with the California SOS, and is subject to the laws of California. The partnership or LLC will file a California tax return. If the partnership or LLC ceases to do any of the above, I will promptly inform the withholding agent. For withholding purposes, a limited liability partnership (LLP) is treated like any other partnership.
- Tax-Exempt Entities:**
The entity is exempt from tax under California Revenue and Taxation Code (R&TC) Section 23701 _____ (insert letter) or Internal Revenue Code Section 501(c) _____ (insert number). If this entity ceases to be exempt from tax, I will promptly notify the withholding agent. Individuals cannot be tax-exempt entities.
- Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pension/Profit-Sharing Plans:**
The entity is an insurance company, IRA, or a federally qualified pension or profit-sharing plan.
- California Trusts:**
At least one trustee and one noncontingent beneficiary of the above-named trust is a California resident. The trust will file a California fiduciary tax return. If the trustee or noncontingent beneficiary becomes a nonresident at any time, I will promptly notify the withholding agent.
- Estates — Certification of Residency of Deceased Person:**
I am the executor of the above-named person's estate or trust. The decedent was a California resident at the time of death. The estate will file a California fiduciary tax return.
- Nonmilitary Spouse of a Military Servicemember:**
I am a nonmilitary spouse of a military servicemember and I meet the Military Spouse Residency Relief Act (MSRRA) requirements. See instructions for General Information E, MSRRA.

CERTIFICATE OF PAYEE: Payee must complete and sign below.

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

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

Type or print payee's name and title _____ Telephone (____) _____

Payee's signature ► _____ Date _____

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 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

Certification Regarding Debarment, Suspension, and Other Responsibility Matters

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

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

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

Typed Name & Title of Authorized Representative

Signature of Authorized Representative Date

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



CAMPAIGN CONTRIBUTIONS DISCLOSURE

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

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 at SCAQMD website (www.aqmd.gov). The list of current MSRC members/alternates can be found at the MSRC website (<http://www.cleantransportationfunding.org>).

SECTION I.

Contractor (Legal Name): _____

DBA, Name _____, County Filed in _____ Corporation, ID No. _____ LLC/LLP, ID No. _____
--

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

SECTION II.

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

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

Campaign Contributions Disclosure, continued:

Name of Contributor _____

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

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

Name of Contributor _____

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

Name of Contributor _____

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

I declare the foregoing disclosures to be true and correct.

By: _____

Title: _____

Date: _____

DEFINITIONS

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

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



South Coast Air Quality Management District

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

Direct Deposit Authorization

STEP 1: Please check all the appropriate boxes

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

STEP 2: Payee Information

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

Authorization

- I authorize South Coast Air Quality Management District (SCAQMD) 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 SCAQMD 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 SCAQMD for distribution. This will delay my payment.
- This authorization remains in effect until SCAQMD receives written notification of changes or cancellation from you.
- I hereby release and hold harmless SCAQMD for any claims or liability to pay for any losses or costs related to insufficient fund transactions that result from failure within the Automated Clearing House network to correctly and timely deposit monies into my account.

STEP 3:

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

To be Completed by your Bank

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

For SCAQMD Use Only

Input By _____

Date _____