



South Coast Air Quality Management District

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

TO: Board Assistants/Consultants
Mark Abramowitz *Guillermo Gonzalez* *Nicole Nishimura* *Mark Taylor*
Denis Bilodeau *Jacob Haik* *Marie Patrick* *Ruthanne Taylor-Berger*
Frank Cardenas *Matthew Holder* *Marisa Perez* *Ben Wong*
Buford Crites *Maria Iniguez* *Tim Sandoval* *Dan York*
David Czamanske *Ron Ketcham* *Andrew Silva* *Yifang Zhu*
Bill Glazier *Kana Miyamoto* *Sho Tay*

FROM: Wayne Nastri, Executive Officer

BOARD ASSISTANTS BRIEFING

**Thursday, November 29, 2018 ■ 11 a.m. ■ Conference Room CC-8
21865 Copley Drive, Diamond Bar CA 91765**

(Public may attend at this location)

Call-in for listening purposes only is available by dialing:

Toll Free: 866-244-8528

Listen Only Passcode: 5821432

In addition, a webcast is available for viewing and listening at: <http://www.aqmd.gov/home/library/webcasts>

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54854.3(a)). Please provide a Request to Address the Committee card to the Committee Secretary if you wish to address the Committee on an agenda item. If no cards are available, please notify SCAQMD staff or a Board Member of your desire to speak. All agendas for regular meetings are posted at District Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes each.

1. **Review of Agenda for December 7, 2018 Board Meeting** All
Staff will review and discuss the agenda for the December 7, 2018 meeting of the Governing Board. (draft attached)
2. **Other Business**
Any Board Member or Board Assistant/Consultant, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Govt. Code Section 54954.2.)
3. **Public Comment**
At the end of the regular meeting agenda, an opportunity is provided for the public to speak on any subject within the Committee's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.
4. **Adjournment**

Document Availability

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

Americans with Disabilities Act

The agenda and documents in the agenda packet will be made available, upon request, in appropriate alternative formats to assist persons with a disability. (Govt. Code Section 54954.2(a).) Disability-related accommodations will also be made available to allow participation in the Board Assistants Briefing. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Nancy Velasquez at 909-396-2557 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to nvelasquez@aqmd.gov.

Next Board Assistants Briefing: Thursday, January 24, 2019, 11 a.m. in CC-8

11/16/18 4:56 PM

DRAFT

MEETING, DECEMBER 7, 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.

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 Boards Office, 21865 Copley Drive, Diamond Bar, CA 91765.

Please note: This is a draft agenda and is subject to change.

CALL TO ORDER

- Pledge of Allegiance
- Opening Comments: William A. Burke, Ed.D., Chair
Other Board Members
Wayne Nastri, Executive Officer
- Recognize Employees with Twenty, Twenty-Five, Thirty, and Thirty-Five Years of Service **Burke**

Staff/Phone (909) 396-

CONSENT CALENDAR (Items 1 through 17)

Note: Consent Calendar items held for discussion will be moved to Item No. 18

1. Approve Minutes of November 2, 2018 Board Meeting **Garzaro/2500**
2. Set Public Hearings January 4, 2019 to Consider Adoption of and/or Amendments to SCAQMD Rules and Regulations **Nastri/3131**
 - A. Determine that Proposed Amendments to Rule 1325 – Federal PM2.5 New Source Review Program Are Exempt from CEQA and Amend Rule 1325 **Nakamura/3105**

Rule 1325 establishes requirements for new and modified sources to ensure compliance with federal PM2.5 New Source Review requirements. Rule 1325 was recently amended in 2016 to expand the definition of “precursor” to include VOC and ammonia (NH3), as required under U.S. EPA’s 2016 implementation rule for PM2.5 State Implementation Plans and a court decision requiring states to regulate PM2.5 under the same part of the Federal Clean Air Act as PM10. The 2016 amendment expanded the definition of precursor, however, it did not expand the definition of “regulated NSR pollutant” to explicitly reference the PM2.5 precursors VOC and NH3. Proposed Amended Rule 1325 will address this deficiency by adding VOC and NH3 to the definition of “regulated NSR pollutant”. In addition, the proposed amendments will clarify rule language, remove outdated language and enhance formatting. This action is to adopt the Resolution: 1) Determining that the proposed amendments to Rule 1325 - Federal PM2.5 New Source Review Program are exempt from the California Environmental Quality Act, and 2) Amending Rule 1325 – Federal PM2.5 New Source Review Program. (Reviewed: Stationary Source Committee, November 16, 2018)

- B. Determine that Proposed Amendments to Rule 1403 - Asbestos Emissions from Renovation/Demolition Activities Are Exempt from CEQA and Amend Rule 1403 Rees/2856

Proposed amendments to Rule 1403 will provide revisions to further clarify existing rule requirements, enhance enforceability, and align the requirements with the applicable U.S. EPA NESHAP and with other state and local agency regulations. The proposed amendments include clarifying who is covered by the rule, standard and emergency notification procedures, specifying information to be included in survey reports, and establishing minimum sampling requirements for determining whether materials are asbestos-containing. This action is to adopt the Resolution: 1) Determining that the proposed amendments to Rule 1403 - Asbestos Emissions from Renovation/Demolition Activities are exempt from the requirements of the California Environmental Quality Act; and 2) Amending Rule 1403 - Asbestos Emissions from Renovation/Demolition Activities. (Reviewed: Stationary Source Committee, November 16, 2018)

Budget/Fiscal Impact

3. Develop and Demonstrate Near-Zero and Zero Emissions Vehicles and Equipment at Ports Miyasato/3249

The Port of Long Beach and its project partners have received \$50,000,000 in funding and the Port of Los Angeles and its project partners have received \$41,122,260 under CARB's Low Carbon Transportation Investments grant solicitation to demonstrate near-zero and zero emissions on-road, off-road and marine vehicles and equipment, including battery electric and hydrogen fuel cell trucks and supporting infrastructure. Total anticipated projects costs are \$102,998,742 and \$82,547,024 for the Ports of Long Beach and Los Angeles, respectively. This action is to execute contracts from the Clean Fuels Program Fund (31) with the Port of Long Beach in an amount not to exceed \$500,000 and the Port of Los Angeles in an amount not to exceed \$1,000,000 for SCAQMD's project cost-share. (Reviewed: Technology Committee, November 16, 2018; Recommended for Approval)

4. Conduct Emissions Study on Use of Alternative Diesel Blends in Off-Road Heavy-Duty Engines and Amend SOON Provision Awards Miyasato/3249

CARB has committed to adopting a low emission diesel measure in the State Implementation Plan to reduce NOx and particulate matter (PM) emissions from on-road and off-road vehicles. Renewable diesel and biodiesel with NOx-mitigating additives show a potential for reductions up to 13 percent in NOx and 30 percent in PM. CARB is currently contributing \$932,499 in a \$1,353,499 study by the University of California Riverside (UCR) CE-CERT testing on- and off-road diesel engines on a wide matrix of test fuels. Additional cost-share is proposed for this comprehensive study as follows: SCAQMD, \$261,000; U.S. EPA, \$150,000; and San Joaquin Valley Air Pollution Control District, \$10,000. This action is to execute a contract with UCR CE-CERT in an amount not to exceed \$261,000 from the Clean Fuels Program Fund (31). In addition, in November 2017 and September 2018, the Board approved SOON Provision awards. This action is to also amend awards under the SOON Provision. (Reviewed: Technology Committee, November 16, 2018; Recommended for Approval)

5. **Execute Contract to Conduct Preliminary Cost and Economic Impact Analysis of Proposed Warehouse Indirect Source Rule** **Rees/2856**

Following Board direction at the May 2018 Board meeting, staff has begun formal rulemaking on a potential indirect source rule for warehouses. An RFP was released on September 7, 2018 to assist staff in estimating a range of potential costs based on hypothetical rule scenarios and the resultant impacts on freight operation, such as potential cargo diversion from local warehouses to facilities in adjacent regions. This preliminary analysis will be a component of a more comprehensive socioeconomic analysis that will be brought to the Board when it considers this proposed rule for adoption. This action is to execute a contract with Industrial Economics, Incorporated, in an amount not to exceed \$200,000, to conduct preliminary cost and economic impact analysis of a proposed warehouse indirect source rule. Funding for this contract is available in the Planning, Rule Development and Area Sources FY 2018-19 Budget. (Reviewed: Mobile Source Committee, November 16, 2018; Recommended for Approval)

6. **Issue RFP for Engineering Consultant to Assess BARCT for Proposed Rule 1109.1 – NOx Emission Reductions for Refinery Equipment** **Nakamura/3105**

Staff is seeking an independent third-party consultant with technical expertise and experience with NOx control equipment and emissions control technologies preferably in the refinery field. This action is to issue an RFP to solicit proposals for review of staff's BARCT technology assessment, estimated emission reductions, and cost-effectiveness for NOx emitting equipment at petroleum refineries to support Proposed Rule 1109.1, in an amount not to exceed \$100,000. Sufficient funding is available in the General Fund (AB 617). (Reviewed: Administrative Committee, November 9, 2018; Recommended for Approval)

7. **Execute Contracts for Legislative Representation in Washington, D.C.** **Alatorre/3122**

At the September 7, 2018 meeting, the Board approved release of an RFP to solicit proposals for legislative representation in Washington, D.C. Four proposals were submitted to the Legislative Committee for consideration at its November 9, 2018 meeting. After the Committee interviewed representatives of each firm, three firms were selected for recommendation to the full Board. This action is to execute contracts with Carmen Group, Inc. in the amount of \$222,090; Cassidy & Associates, Inc. in the amount of \$216,000; and Kadash & Associates in the amount of \$226,400 for the agency's legislative representation in Washington, D.C. for one year beginning on January 11, 2019, with an option for up to two one-year renewals, upon satisfactory performance, at the Board's discretion. Funding is available in the Legislative, Public Affairs & Media FY 2018-19 Budget and for the two optional one-year extensions, contingent upon Board approval of the Budget for the respective fiscal years. (Reviewed: Legislative Committee, November 9, 2018; Recommended for Approval)

8. Issue RFP for Consultant Services for SCAQMD Environmental Justice Outreach and Initiatives **Alatorre/3122**

This action is to issue an RFP to solicit proposals from individuals and organizations to provide assistance with community and stakeholder outreach efforts related to SCAQMD's Environmental Justice Program, including but not limited to, the Environmental Justice Community Partnership Initiative meetings and conference. (Reviewed: Administrative Committee, November 9, 2018; Recommended for Approval)

9. Execute Contract for Operation of Diamond Bar Headquarters Cafeteria **Olvera/2309**

The current contract for operation of the Diamond Bar headquarters cafeteria expires December 31, 2018. On June 1, 2018, the Board approved release of an RFP to solicit proposals from food service management firms interested in providing these services for the next three-year period. This action is to execute a no-cost contract with California Dining Services from January 1, 2019 to December 31, 2021. (Reviewed: Administrative Committee, November 9, 2018; Recommended for Approval)

10. Transfer and Appropriate Funds, Recognize Revenue, Approve Positions, Issue Solicitations and Purchase Orders, and Execute Contracts and Agreements for Mid-Year Budget Adjustments, AB 617 Implementation, Volkswagen Mitigation Projects, and China Partnership for Cleaner Shipping; and Amend Salary Resolution **Whynot/3104**

Additional resources of \$4,436,328 are needed in the FY 2018-19 Budget to enable the implementation of critical projects and programs. In addition, SCAQMD is expected to receive up to \$20,000,000 for AB 617 implementation. These actions are to: (1) Appropriate \$3,611,776 from the Undesignated (Unassigned) Fund Balance as a budget restoration measure; (2) Appropriate an additional \$824,552 from the Undesignated (Unassigned) Fund Balance into the FY 2018-19 General Fund Budget for several key projects; (3) Recognize revenue up to \$20,000,000 for AB 617 into the General Fund and appropriate \$10,211,076 into the FY 2018-19 and/or 2019-20 General Fund Budgets; (4) Transfer \$421,390 from the Volkswagen (VW) Mitigation Fund (79) to the General Fund and appropriate \$421,390 for administrative costs into the FY 2018-19 Budget; (5) Approve the addition, reassignment and upgrade of positions for AB 617, VW Mitigation projects, and China Partnership for Cleaner Shipping; (6) Issue solicitations and purchase orders and execute contracts for Mid-Year Budget Adjustments, AB 617, VW Mitigation projects, and China Partnership for Cleaner Shipping; (7) Authorize the Executive Officer to enter into a Bailment Agreement with the National Park Service; and (8) Amend the Salary Resolution to revise the Assistant Deputy Executive Officer class title. (Reviewed: Administrative Committee, November 9, 2018; Recommended for Approval)

Items 11 through 17 - Information Only/Receive and File

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

This report highlights the October 2018 outreach activities of the Legislative, Public Affairs and Media Office, which includes: Major Events, Community Events/Public Meetings, Environmental Justice Update, Business Assistance, Media Relations and Outreach to Business and Federal, State, and Local Government. (No Committee Review)
12. **Hearing Board Report** **Prussack/2500**

This reports the actions taken by the Hearing Board during the period of October 1 through October 31, 2018. (No Committee Review)
13. **Civil Filings and Civil Penalties Report** **Gilchrist/3459**

This reports the monthly penalties from October 1, 2018 through October 31, 2018, and legal actions filed by the General Counsel's Office from October 1, 2018 through October 31, 2018. An Index of District Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, November 16, 2018)
14. **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 October 1, 2018 and October 31, 2018, and those projects for which the SCAQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, November 16, 2018)
15. **Rule and Control Measure Forecast** **Fine/2239**

This report highlights SCAQMD rulemaking activities and public workshops potentially scheduled for 2019. (No Committee Review)
16. **Annual Audited Financial Statements for FY Ended June 30, 2018** **Jain/2804**

This item transmits the annual audited financial statements of the SCAQMD. The SCAQMD has received an unmodified opinion (the highest obtainable) on its financial statements. (Reviewed: Administrative Committee, November 9, 2018)
17. **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, November 9, 2018)

18. Items Deferred from Consent Calendar

BOARD CALENDAR

Note: The November meeting of the Mobile Source Air Pollution Reduction Review Committee (MSRC) was canceled. The next meeting of the MSRC is scheduled for December 20, 2018.

19. Administrative Committee (Receive & File) **Chair: Burke Natri/3131**

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

21. Mobile Source Committee (Receive & File) **Chair: Parker Fine/2239**

22. Legislative Committee **Chair: Mitchell Alatorre/3122**

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

Agenda Item

Recommendation

Interview Firms and Recommend Execution of Contract(s) for Legislative Representation in Washington, D.C.

Authorize the Chairman to execute contract(s) with Carmen Group, Inc., Cassidy & Associates, Inc., and Kadash & Associates for legislative representation in Washington, D.C.

23. Refinery Committee (Receive & File) **Chair: Parker Fine/2239**

24. Stationary Source Committee (Receive & File) **Chair: Benoit Tisopoulos/3123**

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

26. California Air Resources Board Monthly Report (Receive & File) **Board Rep: Mitchell Garzaro/2500**

Staff Presentation/Board Discussion

27. Proposed Approach to Address Hydrogen Fluoride Storage and Use at Petroleum Refineries **Fine/2239**

At the September 22, 2018 Refinery Committee meeting, staff was directed to develop a rule by May 2019, and consider utilization of a MOU with each refinery, to reduce the risk and consequences of a release of modified hydrogen fluoride (MHF). The proposed rule or MOU should include a possible phase-out of MHF if satisfactory mitigation and performance standards cannot be achieved. MHF is currently used at two refineries in the Basin: Torrance Refining Company Refinery (formally ExxonMobil Refinery) and Valero Wilmington Refinery. At the recommendation of the Refinery Committee, staff will present information on hydrogen fluoride use, health impacts, dispersion characteristics, and mitigation measures. Staff has been working with stakeholders on the development of Proposed Rule 1410 – Hydrogen Fluoride Storage and Use at Petroleum Refineries, and providing updates to the Refinery Committee since April 2017. Staff will also present concepts for mitigation requirements and a possible phase-out of MHF if proposed performance standards are not met. These concepts can be included in a rule or a MOU with each refinery. This action will seek Board direction to continue with this approach. (No Committee Review)

PUBLIC HEARINGS

28. Certify Final Environmental Assessment and Adopt Rule 1118.1 - Control of Emissions from Non-Refinery Flares **Nakamura/3105**

Staff is recommending that the public hearing on this item be continued to the January 4, 2019 Board Meeting.

Proposed Rule 1118.1 applies to RECLAIM and non-RECLAIM facilities that operate non-refinery flares located at landfills, wastewater treatment plants, oil and gas production facilities, organic liquid loading stations, and tank farms. The proposed rule will implement, in part, the 2016 Air Quality Management Plan Control Measure CMB-03 - Emission Reductions from Non-Refinery Flares and facilitate the transition of the NOx RECLAIM program to a command-and-control regulatory structure. Proposed requirements include NOx and VOC emission limits that reflect Best Available Retrofit Control Technology standards and a capacity threshold. Additionally, Proposed Rule 1118.1 establishes provisions for source testing, monitoring, reporting, recordkeeping, and provides exemptions for low-use and low-emitting flares. This action is to adopt the Resolution: 1) Certifying the Final Environmental Assessment for Proposed Rule 1118.1 - Control of Emissions from Non-Refinery Flares, and 2) Adopting Proposed Rule 1118.1 - Control of Emissions from Non-Refinery Flares. (Reviewed: Stationary Source Committee, October 19, and November 16, 2018)

29. Certify Final Subsequent Environmental Assessment and Amend Rules 1146, 1146.1, 1146.2 and Adopt Rule 1100 **Nakamura/3105**

The adoption Resolution of the 2016 AQMP directed staff to achieve additional NOx emission reductions and to transition the RECLAIM program to a command-and-control regulatory structure as soon as practicable. Proposed Amended Rules 1146, 1146.1 and 1146.2 updates NOx emission limits for boilers, heaters, and steam generators applicable to these rules. The revised NOx emission limits represent BARCT and apply to RECLAIM and non-RECLAIM facilities. Proposed Rule 1100 establishes the compliance schedule for equipment at RECLAIM facilities that are subject to Proposed Amended Rules 1146 and 1146.1. PAR 1146.2 includes the compliance schedule for equipment regulated under this rule. This action is to adopt the Resolution: 1) Certifying the Final Subsequent Environmental Assessment for Proposed Amended Rules 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; and Proposed Rule 1100 - Implementation Schedule for NOx Facilities; 2) Amending Rules 1146, 1146.1, and 1146.2; and 3) Adopting Rule 1100. (Reviewed: Stationary Source Committee, April 20 and October 19, 2018)

30. Determine that Proposed Rule 1407.1 – Emissions of Toxic Air Contaminants from Chromium Alloy Melting Operations Is Exempt from CEQA and Adopt Rule 1407.1 (***Continued from November 2, 2018 Board Meeting***) **Nakamura/3105**

Proposed Rule 1407.1 is an information gathering rule that will require a one-time source test and submittal of information to quantify arsenic, cadmium, chromium, hexavalent chromium and nickel emissions from chromium alloy melting operations. Information obtained will be used to establish emission standards and other provisions. Proposed Rule 1407.1 also includes requirements for metals composition testing, recordkeeping, and reporting. This action is to adopt the Resolution: 1) Determining that Proposed Rule 1407.1 – Toxic Air Contaminants from Chromium Alloy Melting Operations is exempt from the requirements of the California Environmental Quality Act; and 2) Adopting Rule 1407.1 – Toxic Air Contaminants from Chromium Alloy Melting Operations. (Reviewed: Stationary Source Committee, September 21, and November 16, 2018)

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)

CLOSED SESSION - (No Written Material)

Gilchrist/3459

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