



# South Coast Air Quality Management District

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

**TO:** Board Assistants/Consultants

<i>Mark Abramowitz</i>	<i>Thomas Fuentes, Jr.</i>	<i>Mary Ann Lutz</i>	<i>Sho Tay</i>
<i>Denis Bilodeau</i>	<i>Jacob Haik</i>	<i>Diane Moss</i>	<i>Ruthanne Taylor-Berger</i>
<i>Frank Cardenas</i>	<i>Matthew Holder</i>	<i>Nicole Nishimura</i>	<i>Ben Wong</i>
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<i>David Czamanske</i>	<i>Ron Ketcham</i>	<i>Marisa Perez</i>	
<i>Glen Duncan</i>	<i>Chung Liu</i>	<i>Andrew Silva</i>	

**FROM:** Wayne Nastri, Executive Officer

## **BOARD ASSISTANTS BRIEFING**

**Thursday, January 26, 2017 ■ 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**

1. **Review of Agenda for February 3, 2017 Board Meeting** All  
*Staff will review and discuss the agenda for the February 3, 2017 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**  
*Members of the public may address the group concerning any agenda item before or during consideration of that item (Govt. Code Section 54954.3). All agendas for regular meetings are posted at SCAQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of a regular meeting. At the end of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the group's authority. 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](mailto:nvelasquez@aqmd.gov).*

**Next Board Assistants Briefing: Thursday, February 23, 2017, 11 a.m. in CC-8**

01/19/17 4:39 PM

# **DRAFT**

## **MEETING, FEBRUARY 3, 2017**

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

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Staff/Phone (909) 396-

## **CONSENT CALENDAR (Items 1 through 16)**

Note: Consent Calendar items held for discussion will be moved to Item No. 17

1. Approve Minutes of January 6, 2017 Board Meeting **Garzaro/2500**
2. Set Public Hearings March 3, 2017 to Consider Adoption of and/or Amendments to SCAQMD Rules and Regulations **Nastri/3131**  
**Adopt Rule 1430 – Control of Emissions from Metal Grinding Operations at Metal Forging Facilities** **Nakamura/3105**

Proposed Rule 1430 will reduce particulate matter and toxic emissions from metal grinding and cutting operations at forging facilities. Metal grinding and cutting operations are currently exempt from SCAQMD permits. Based on air quality sampling and site visits, metal grinding at forging facilities can be a significant source of metal particulate emissions, some of which are also toxic air contaminants. The proposed rule will prohibit forging facilities from conducting grinding and cutting operations outside and includes requirements to vent metal grinding and cutting operations to emission control devices, to meet a specified emission standard for the emission control devices, and implement a series of housekeeping measures to further minimize fugitive emissions. (Reviewed: Stationary Source Committee, January 20, 2017)

**Budget/Fiscal Impact**

3. **Execute Contracts to Conduct In-Use PM Emission Study for Gasoline Direct Injection Vehicles and Establish Renewable Natural Gas Research Center** **E** **Miyasato/3249**

Since mobile sources represent the largest NOx and PM sources in the South Coast Air Basin, the Draft 2016 AQMP identifies development and implementation of new technologies to reduce mobile source emissions as a key strategy. It is also equally important to assess new technologies to prevent or mitigate any negative impact on air quality and public health. The University of California Riverside (UCR) CE-CERT recently submitted two unsolicited proposals that address these needs and staff recommends cost-sharing the proposed projects to: 1) conduct an in-use emission study to characterize tailpipe PM emissions from gasoline direct injection vehicles under real-world driving conditions; and 2) support establishment of a research center to study promising renewable natural gas production technologies to expedite commercial implementation. This action is to execute contracts with UCR CE-CERT to cost-share these projects in an amount not to exceed \$322,000 from the Clean Fuels Fund (31). (Reviewed: Technology Committee, January 20, 2017; Recommended for Approval)

4. **Recognize Revenue and Execute Contract for Development of Ultra-Low Emission Diesel Engine for On-Road Heavy-Duty Vehicles** **E** **Miyasato/3249**

On July 7, 2016, the Board released a Request for Information to obtain technical information on ultra-low NOx emission technologies for heavy-duty diesel engines. Two responses were received, one of which was from the Southwest Research Institute (SwRI). CARB had previously awarded a contract to SwRI to investigate and demonstrate emission control strategies for 13-liter diesel engines to achieve 90% emission reductions compared to the current NOx standard. As a follow-on to this successful demonstration project, CARB and the Port of Los Angeles (POLA) have expressed interest in cofunding the advancement of current larger displacement diesel engines to achieve ultra-low NOx emissions. Staff proposes to cost-share the project. CARB will contract directly with SwRI while the POLA cofunding will pass through the SCAQMD. These actions are to recognize up to \$287,500 from POLA and execute a contract with SwRI for development of an ultra-low emission heavy-duty diesel engine in an amount not to exceed \$575,000 from the Clean Fuels Fund (31). (Reviewed: Technology Committee, January 20, 2017; Recommended for Approval)

5. Renew SCAQMD's Membership in CaFCP for Calendar Year 2017, Provide Office Space for CaFCP, and Receive and File California Fuel Cell Partnership Executive Board Meeting Agenda and Quarterly Updates **Miyasato/3249**

The SCAQMD has been a member of the California Fuel Cell Partnership (CaFCP) since early 2000. This action is to renew SCAQMD's membership in the CaFCP in an amount not to exceed \$70,000 for Calendar Year 2017 and cofund 50 percent of the CaFCP Regional Coordinator position located at SCAQMD in an amount not to exceed \$50,000 from the Clean Fuels Fund (31). Further actions are to continue providing in-kind office space and utilities for CaFCP employees in 2017 in an effort to educate the public and increase CaFCP's presence in Southern California. Finally, this action is to receive and file the CaFCP Executive Board Meeting Agenda for October 18, 2016, and Quarterly Updates for July and October 2016. (Reviewed: Technology Committee, January 20, 2017; Recommended for Approval)

6. Recognize, Transfer and Appropriate Revenue, Amend and Execute Contracts, and Approve Eligible Participant Vouchers to Continue Implementation of Enhanced Fleet Modernization Program **Miyasato/3249**

Last September, the Board recognized up to \$10 million from CARB, approved issuance of vouchers to continue the Enhanced Fleet Modernization Program (EFMP) Plus-Up for FY 2016-17, and released an RFP to solicit proposals to administer the application process and conduct vehicle emissions testing. Subsequently, CARB advised that SCAQMD would receive \$15 million. Additionally, older vehicles retired under the EFMP are crushed for scrap metal generating revenue for EFMP. These actions are to: 1) recognize revenue up to \$5 million from CARB and up to \$500,000 from the scrap metal value of the vehicles retired under the EFMP into the HEROS II Special Revenue Fund (56); 2) authorize the Executive Officer to approve vouchers to qualified participants up to \$4,250,000 and execute agreements with participating dismantlers, dealerships and financial institutions; 3) amend and execute contracts for a total amount not to exceed \$765,000 from the HEROS II Special Revenue Fund (56); and 4) transfer and appropriate \$250,000 from the HEROS II Special Revenue Fund (56) into Science and Technology Advancement's FY 2016-17 and/or 2017-18 Budget for EFMP implementation and outreach. (Reviewed: Technology Committee, January 20, 2017; Recommended for Approval)

7. Issue Program Announcement for Ships at Berth and Cargo Handling Equipment Projects Under Proposition 1B-Goods Movement Program **Minassian/2641**

In September 2015, CARB approved Proposition 1B-Goods Movement Program funding awards to local agencies for projects that will reduce emissions from freight transportation. The award for the Los Angeles/Inland Empire trade corridor included \$14.1 million for ships at berth and cargo handling equipment projects. Following an earlier solicitation issued on February 5, 2016, and subsequent awards, there are still funds available for projects in this category. This action is to issue a Program Announcement for ships at berth and cargo handling equipment projects under the Proposition 1B-Goods Movement Program. (Reviewed: Technology Committee, January 20, 2017; Recommended for Approval)

8. Amend Contract for Consultant Services for SCAQMD Environmental Justice Outreach and Initiatives **Alatorre/3122**

The current contract with Lee Andrews Group, Inc., for environmental justice efforts conducted for the Environmental Justice Community Partnership, expires on February 24, 2017. Based on the firm's effective performance during the first year of their current contract, this action is to approve the first one-year extension of the consultant's contract for Calendar Year 2017, at the current contract amount. (Reviewed: Administrative Committee, January 13, 2017; Recommended for Approval)

9. Approve Contract Modification Approved by MSRC **Pettis**

The MSRC approved a modified award to the Southern California Regional Rail Authority under the Major Event Center Transportation Program, approving the use of Tier 2 locomotives instead of Tier 4 locomotives to provide special Metrolink service for the final day of the 2017 NASCAR Sprint Cup Series, as part of approval of the FYs 2016-18 AB 2766 Discretionary Fund Work Program. (Reviewed: Mobile Source Air Pollution Reduction Review Committee, January 25, 2017, Recommended for Approval)

**Items 10 through 16 - Information Only/Receive and File**

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

This report highlights the December 2016 outreach activities of Legislative, Public Affairs and Media, which include: Environmental Justice Update, Community Events/Public Meetings, Business Assistance, and Outreach to Business, Federal, State, and Local Government and Media Relations. (No Committee Review)

11. Hearing Board Report **Camarena/2500**

This reports the actions taken by the Hearing Board during the period of December 1 through December 31, 2016. (No Committee Review)

12. **Civil Filings and Civil Penalties Report** **Wiese/3460**  
This reports the monthly penalties from December 1 through December 31, 2016, and legal actions filed by the General Counsel's Office from December 1 through December 31, 2016. An Index of District Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, January 20, 2017)
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 December 1, 2016 and December 31, 2016, and those projects for which the SCAQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, January 20, 2017)
14. **Rule and Control Measure Forecast** **Fine/2239**  
This report highlights SCAQMD rulemaking activities and public workshops potentially scheduled for the year 2017. (No Committee Review)
15. **Report of RFPs Scheduled for Release in February** **O'Kelly/2828**  
This report summarizes the RFPs for budgeted services over \$75,000 scheduled to be released for advertisement for the month of February. (Reviewed: Administrative Committee, January 13, 2017; Recommended for Approval)
16. **Status Report on Major Ongoing and Upcoming Projects for Information Management** **Marlia/3148**  
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, January 13, 2017; Recommended for Approval)
17. Items Deferred from Consent Calendar

## **BOARD CALENDAR**

18. **Administrative Committee (Receive & File)** **Chair: Burke** **Nastri/3131**
19. **Legislative Committee (Receive & File)** **Chair: Mitchell** **Alatorre/3122**



20. Mobile Source Committee (Receive & File) **Chair: Parker** **Fine/2239**
21. Stationary Source Committee (Receive & File) **Chair: Benoit** **Tisopulos/3123**
22. Technology Committee (Receive & File) **Chair: Buscaino** **Miyasato/3249**
23. Mobile Source Air Pollution Reduction Review Committee (Receive & File) **Board Liaison: Benoit** **Hogo/3184**
24. California Air Resources Board Monthly Report (Receive & File) **Board Rep: Mitchell** **Garzaro/2500**
25. Status Report on Regulation XIII – New Source Review **Tisopulos/3123**

This report presents the federal preliminary determination of equivalency for January 2015 through December 2015. As such, it provides information regarding the status of Regulation XIII – New Source Review in meeting federal NSR requirements and shows that SCAQMD’s NSR program is in preliminary compliance with applicable federal requirements from January 2015 through December 2015. (Reviewed: Stationary Source Committee, January 20, 2017)

## **PUBLIC HEARING**

26. Adopt 2016 Air Quality Management Plan **Fine/2239**

The Air Quality Management Plan (AQMP) is the legally enforceable blueprint for how the SCAQMD air basins will meet and maintain federal and State air quality standards. The 2016 AQMP has been developed in partnership with CARB, U.S. EPA, SCAG, and stakeholders throughout the region, including input from local governments, environmental organizations, academia, and the business community. The 2016 AQMP identifies control measures needed to demonstrate attainment with the federal 2008 8-hour ozone standard by 2031, the 2012 annual PM2.5 standard by 2025, and the 24-hour PM2.5 standard by 2019 in the South Coast Air Basin. In addition, the 2016 AQMP provides revisions to previous plans regarding attainment of the 1997 8-hour ozone standard by 2023 and the revoked 1-hour ozone standard by 2022. Further, Appendix I (Health Effects) includes a report on the health impacts of particulate matter air pollution in the South Coast Air Basin. (Reviewed: Mobile Source Committee, January 22, March 18, April 15, May 20, June 17, July 22, September 16 and October 21, 2016, and January 20, 2017)

**OTHER BUSINESS**

27. Approve Financial Incentives Funding Action Plan for 2016  
AQMP

**Hogo/3184**

A Financial Incentives Funding Action Plan (Plan) has been prepared to pursue additional revenues for new and expanded incentive funding programs. The incentives will help accelerate the turnover of existing vehicles and equipment to near-zero and zero emission technologies and help the South Coast Air Basin and Coachella Valley meet federal air quality standards. A draft Plan was released on December 16, 2016 to solicit public comments. A Draft Final Action Plan has been prepared based on comments received. This action is to approve the Draft Final Financial Incentives Funding Action Plan and direct staff to initiate the actions proposed in the Plan. (Reviewed: Mobile Source Committee, July 22 and October 16, 2016)

**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.

**CLOSED SESSION - (No Written Material)**

**Wiese/3460**

**\*\*\*PUBLIC COMMENTS\*\*\***

**Members of the public are afforded an opportunity to speak on any listed item before or during 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 may be limited to three (3) minutes each.**

**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 Public Comments 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](mailto:cob@aqmd.gov) of 10 pages or less including attachment, in MS WORD, 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	RFP = Request for Proposals
DOE = Department of Energy	RFQ = Request for Quotations
EV = Electric Vehicle	SCAG = Southern California Association of Governments
FY = Fiscal Year	SIP = State Implementation Plan
GHG = Greenhouse Gas	SOx = Oxides of Sulfur
HRA = Health Risk Assessment	SOON = Surplus Off-Road Opt-In for NOx
LEV = Low Emission Vehicle	SULEV = Super Ultra Low Emission Vehicle
LNG = Liquefied Natural Gas	TCM = Transportation Control Measure
MATES = Multiple Air Toxics Exposure Study	ULEV = Ultra Low Emission Vehicle
MOU = Memorandum of Understanding	U.S. EPA = United States Environmental Protection Agency
MSERCs = Mobile Source Emission Reduction Credits	VOC = Volatile Organic Compound
MSRC = Mobile Source (Air Pollution Reduction) Review Committee	ZEV = Zero Emission Vehicle
NATTS =National Air Toxics Trends Station	