



South Coast Air Quality Management District

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

**TO: Local Government & Small Business Assistance Advisory Group
Ben Benoit, Committee Chair**

**FROM: Derrick J. Alatorre, Deputy Executive Officer
Legislative, Public Affairs & Media**

LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP

February 10, 2017 ♦ 11:30 a.m. ♦ Conference Room GB
21865 Copley Drive, Diamond Bar, CA 91765-4182

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AGENDA

INFORMATION, ACTION & DISCUSSION ITEMS:

Consideration and potential recommendation of positions may occur on any agendized items.

1. Call to Order/Opening Remarks *Mayor Pro Tem Ben Benoit
Committee Chair*
2. Approval of January 13, 2017 Meeting Minutes *Ben Benoit*
[Attachment 1]
3. Review of Follow-Up/Action Items *Derrick J. Alatorre,
Deputy Executive Officer
Legislative, Public Affairs & Media*
4. Update on the SCAQMD Clean Fleet Vehicle Rules *Henry Hogo,
Asst. Deputy Executive Officer,
Science & Technology Advancement*
[Attachment 2]
Staff will provide an overview of the SCAQMD's regulatory authority for in-use on-road fleet vehicle regulations and an update on the implementation of the SCAQMD Clean Fleet Vehicle Rules.

5. **Status Report on Rule 1147 Technology Assessment**
[Attachment 3]
Staff will provide an update on the Technology Assessment for Rule 1147 Small and Lower Emission Sources and the results of an outside independent review of staff's findings and recommendations for future rule amendments.

*Tracy Goss,
 Planning & Rules Manager,
 Planning, Rule Development and
 Area Sources*

6. **Implementation of AB 2766 requirements**
[Attachment 4]
Staff will provide an overview of the FY 2014-2015 AB2766 Subvention Fund Program emission reduction and financial activity reported by participating local governments.

*Kathryn Higgins
 Program Supervisor,
 Planning, Rule Development &
 Area Sources*

7. **Monthly Report on Small Business Assistance Activities**
[Attachment 5 - Written Report]
Summary of assistance and outreach activities conducted by SCAQMD's Small Business Assistance Office for January, 2017.

All

8. **Other Business**
Any member of the committee, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, 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)

All

9. **Public Comment**
Members of the public may address this body concerning any agenda item before or during consideration of that item (Govt. Code Section 54954.3(a)). All agendas for regular meetings are posted at District 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 Local Government and Small Business Assistance Committee's authority. Speakers may be limited to three (3) minutes each.

10. **Adjournment.**

Next Meeting: Friday, March 10, 2017
11:30 a.m.

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 Committee 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.

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AGENDA ITEM #2

**Approval of January 13, 2017 Meeting Minutes
[Attachment 1 – Meeting Minutes]**



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LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP FRIDAY JANUARY 13, 2017 MEETING MINUTES

MEMBERS PRESENT:

Ben Benoit, Mayor Pro Tem, City of Wildomar and LGSBA Vice Chairman
Paul Avila, P.B.A. & Associates
Todd Campbell, Clean Energy
LaVaughn Daniel, DancoEN
John DeWitt, JE DeWitt, Inc.
Maria Elena Kennedy, Kennedy Communications
Bill LaMarr, California Small Business Alliance
Rita Loof, RadTech International
Cynthia Moran, Council Member, City of Chino Hills
David Rothbart, Los Angeles County Sanitation District

MEMBERS ABSENT:

Janice Rutherford, Supervisor, Second District, San Bernardino County
Felipe Aguirre
Geoffrey Blake, Metal Finishers of Southern California/All Metals

OTHERS PRESENT:

Mark Abramowitz, Board Member Assistant (*Lyou*)
Ruthanne Taylor-Berger, Board Member Assistant (*Benoit*)
David Czamanske, Board Member Consultant (*Cacciotti*)

SCAQMD STAFF:

Derrick Alatorre, Deputy Executive Officer
Susan Nakamura, Acting Asst. Deputy Executive Officer
Fabian Wesson, Asst. Deputy Executive Officer/Public Advisor
Jason Aspell, Senior AQ Engineer
Alfonso Baez, Program Supervisor
Nancy Feldman, Principal Deputy District Counsel
Elaine-Joy Hills, AQ Inspector II
Lori Langrell, Secretary

Agenda Item #1 - Call to Order/Opening Remarks

Chair Ben Benoit called the meeting to order at 11:31 a.m.

Agenda Item #2 – Approval of December 9, 2016 Meeting Minutes/Review of Follow-Up/Action Items

Chair Benoit called for approval of the December 9, 2016 meeting minutes. The Minutes were approved unanimously.

Agenda Item #3 – Follow Up/Action Items

Mr. Derrick Alatorre indicated there were no action items arising out of the December 9, 2016 meeting. Pursuant to the request made at the November meeting, an update on Best Available Control Technology (BACT) guidelines was going to be presented today.

Agenda Item #4 – Local Government & Small Business Assistance Advisory Group 2016 Accomplishments/2017 Goals & Objectives

Mr. Alatorre presented the Local Government & Small Business Assistance Advisory Group 2016 Accomplishments/2017 Goals & Objectives for adoption. Seeing no further changes, the goals and objectives were adopted.

Agenda Item #5 – Update on BACT Guidelines

Mr. Alfonso Baez provided an update on BACT Guidelines to the advisory group.

Mr. David Rothbart asked in proceeding with BACT guidelines, is the District going back to the Scientific Review Committee (SRC), with updated documents, as it is rather hard to get a more user-friendly document. Mr. Baez replied that we have ideas on how to make it user-friendly, and we would like to bring it to SRC and the public to get their feedback. Mr. Rothbart further asked if there would be more than one meeting with the committee, or a routine dialogue. Mr. Baez responded they are looking at meeting with SRC possibly in March, and prior to going to the Stationary Source Committee in June, and will provide strike out, underlined text seeking input.

Mr. Rothbart inquired how to proceed with a major source of BACT determinations, as looking at the website or documents, there is no current BACT source determinations. Mr. Rothbart stated that when you go through permitting with a major source and have to figure out what BACT is, it is challenging to do so because the clearing house is not updated by South Coast, while other districts have some updated classifications, and it is a very critical path for permit streamlining. Having this updated would be very helpful. Mr. Baez indicated major source BACT is really a layer, per the Clean Air Act, if someone achieves an emission reduction, is in operation for six months, is compliant, and has been source tested, that essentially becomes a layer. In the process we followed before, we would have a board letter listing new, proposed major source determinations, based on in-house determinations, what we have identified from other districts, and the EPA or CARB clearing house. There are tremendous challenges as there are layers across the nation.

Ms. Rita Loof inquired about the timeframe for receiving a response on her application for SRC membership. Mr. Baez replied that staff has received her request, and she has been added to the waiting list of interested parties. There will be a meeting upcoming soon to propose the current list of interested parties as there are multiple open positions.

Ms. Loof indicated she looked at layer determinations from other air districts and the source category is not always the same as the District's category. Ms. Loof further stated that the District would potentially have to put in 100 categories if that is what the layer process calls for. Mr. Baez concurred

and indicated that staff tries to follow the EPA and CARB clearing house format, being as complete and detailed as possible since BACT is case specific.

Mr. Bill LaMarr questioned slide six where it indicates 139 comments were received and all were addressed. Mr. Baez responded that it is supposed to state “most all were addressed.” Mr. LaMarr noted that their member, Printing Industries Association, submitted a letter that was not opened or misplaced, and was not included in the presentation to the Governing Board. Mr. Baez indicated to be fair to all others, the letter was submitted after the deadline, but the comments were addressed in comments received by other entities. Mr. Baez further stated that the comments in the letter were very general, and since deadlines are set, we have to adhere to them.

Mr. LaMarr inquired about what the District will be guided by using the terms “achieved in practice” and “best practice.” Mr. LaMarr commented that, as a matter of public policy, “best” is vague, and “achieved in practice” is more definitive. Mr. Baez replied that staff goes based on definition of BACT, whether it is Clean Air Act definition or State law. For example, a permit is obtained to install an after control, such as selective catalytic reduction (SCR), for a 10 million BTU/hour boiler, and the SCR reduces exhaust emissions of NOx, VOCs and carbon monoxide, then it is operated, gets source tested, and meets the intended emission limits after operation for six months, this is what we define as “achieved in practice.” Six months is the criteria for major sources, and minor sources is one year, as well as having to be cost-effective. Mr. LaMarr further asked if someone has a filtration system, it has been demonstrated to other agencies, and it gets put on one or two beta sites, does it have to be operated for six months for a major source. Mr. Baez indicated that it has to be available, and if it is only a prototype and not commercially available, that is another criteria. Mr. Baez indicated for that category, it is under Part B for major sources, Section 3 in our BACT guidelines, which is the section for new upcoming technologies.

Mr. Rothbart stated that, in the AQMP, for example, there was a reference to fuel cells operating after a hurricane showing that these things could be used instead of an emergency diesel generator. There’s been a perception that when you put something in, it doesn’t run necessarily, but it’s been there and had a permit for six months, is that deemed achieved in practice? Mr. Rothbart further stated that if the equipment is not operating with an adequate number of hours, do you really know if it is going to work. Mr. Baez responded that it depends on the type of equipment; for example, the back-up generators added to Part B of the guidelines operated for five years. Mr. Rothbart asked, for that five years, if the run time is looked at for six months or just operating for six months. Mr. Baez replied that staff looks at both.

Ms. Loof inquired that Section 3 was mentioned for major sources, but is there a Section 3-type mechanism for minor sources? Mr. Baez replied no because of cost-effectiveness. Ms. Loof requested if there is any way to have a clearing house because these are not cost effective for minor sources, but may get to the level in the future. Mr. Baez indicated that it is something worth considering.

Agenda Item #6 – Paramount Hexavalent Chromium Update

Ms. Susan Nakamura presented an update on Paramount Monitoring.

Mr. Paul Avila asked if the recent rainstorms had an influence on the measurement and time frame of monitoring. Ms. Nakamura replied the rain does seem to have an influence in reducing the particulates, but we are still able to collect data from the monitors. There have been a couple of rare instances where rain got into the monitor, flooding the filter, but we take samples rain or shine.

Mr. Todd Campbell asked to clarify if the 40 enforcement actions were all related to hexavalent chromium. Ms. Nakamura indicated no, that there are two facilities identified that are contributing, which are in relatively close proximity to each other, some were related to hexavalent chrome and the other enforcement actions are due to lack of permits for various operations and equipment.

Mr. Alatorre added it is unprecedented for the District to get all agencies working together like a task force, with joint inspections, weekly calls with the City of Paramount, weekly calls with other government agencies and elected officials. There is also a weekly call every Tuesday evening with the community, and questions are submitted via email while the call is going on. This is high priority for the District, that these 2 facilities happen to be in the Speaker Rendon's Assembly District, and the Senate side is all very concerned as well.

Mr. Avila asked if all agencies are lined up, DTSC, EPA, Water Board, Public Health, and who is the lead agency. Mr. Alatorre stated SCAQMD is the lead agency by agreement.

Ms. Maria Elena Kennedy asked if agencies are looking at the water samples as well. Mr. Alatorre replied DTSC and the water board are taking water samples.

Mr. Rothbart asked if there is a form of hexavalent chrome that is more toxic than another, heat treated versus grinding at high heat. Ms. Nakamura indicated that for these facilities, in terms of grinding, the answer is no. Aerocraft does have a grinding operation where there is hexavalent chrome and we have bulk samples that can prove the presence of hexavalent chrome in that operation. However, the levels we are seeing are probably from their larger operation in their heat treating process, but it doesn't matter where the source is, it is still hexavalent chrome when it gets to that state.

Mr. Rothbart further questioned if you have a grinding operation that does not have a high temperature but have a lot of particulates, is it in chrome 6 form or is it the particulates that have metals being inhaled is toxic in itself. Ms. Nakamura replied that it depends because from Aerocraft we saw hexavalent chrome from the bulk samples, which could be that the metal in itself had hexavalent chrome. For Carlton Forge, we saw some hexavalent chrome in the stack, in terms of the baghouse catch, but in the ambient monitor we did not see much. The levels that we are seeing from the source stack test from Carlton Forge are very low in terms of hexavalent chrome. It can probably get to the state of chrome 3 to 6, but it probably will not stay and is not that great of a source.

Mr. LaMarr commented that he was more encouraged by Ms. Nakamura's presentation today than from the one a couple days ago. He stated that it sounds like this issue is being approached strategically rather than sweeping in all the responsible people that have chrome plating, anodizing, or metal-related businesses. Mr. LaMarr hopes it would apply to future rulemaking that is going to evolve from this. What concerned Mr. LaMarr was increasing the distance from 1000 feet to 2000 feet, and monthly inspections or testing rather than quadrennial testing, which can be very expensive. The bad ones you should go after, and Mr. LaMarr hopes that this continues as staff goes forward with discoveries.

Mr. Avila asked if there is one big plant with parameters, three operations, but one is really bad, causing a lot of the particulates in the air, yet the company addresses just that one big problem with significant reductions, will that side step the abatement. Ms. Nakamura replied no. If there is a facility that has three operations and operation one is causing the hexavalent chrome, and the other two operations have nothing to do with the alloy processing and there is no chrome associated with the other two processes,

they can continue those processes. The stipulated order is saying that if they exceed the one nanogram, they have to shut down the chrome-related processes. Mr. Avila further asked if SCAQMD will physically go in, investigate, and take samples. Ms. Nakamura responded yes, that through the process, compliance staff has gone out to look at the facilities, we have done bulk samples and source testing, so we have a good sense of which parts of the processes are contributing to the hexavalent chrome. Mr. Avila asked how many employees are at the facility. Ms. Nakamura indicated there were 70 employees at Anaplex, and Aerocraft, according to their website, has about the same amount; however, Aerocraft looks like they have a bigger operation, but maybe they have more now. Anaplex is a footprint with small operations and Aerocraft is on two blocks with much larger process.

Ms. La Vaughn Daniel asked that when you mention monitoring for other metals, do you have an idea of what metals those are. Ms. Nakamura indicated that there is a suite of metals, and staff performs multi-metals monitoring, what we refer to site 2 and 3, and there must be over twenty different metals. Some have been identified as toxic air contaminants, some have not been. It has to be 2 separate monitors for hexavalent chrome and the other metals; it uses a special filter that is impregnated since hexavalent chrome is an unstable metal whereas the other metals do not have the same issue. Ms. Daniel further asked when talking about going to other areas, if staff is staying in Paramount for the time being or has other areas of Southern California been targeted. Ms. Nakamura replied that it is a combination of both, right now the focus is Paramount, but staff plans to move into other cities. Mr. Alatorre indicated Bellflower contacted staff since they are adjacent to Paramount. Staff has reached out to industrial cities, including City of Commerce, Vernon, City of Industry, and Compton, because there are a few chrome plating facilities there, and have asked them for a list of facilities with business permits that do any type of metal work. Further, there are not too many labs that can sample for chrome 6.

Mr. Avila inquired about the average resident count that attend the meetings. Mr. Alatorre indicated that the early meetings before August about 40 to 50 people; however, the last meeting about 200. Mr. Alatorre further stated that the city is going to purchase some monitors themselves in addition to the monitors that we have.

Mr. Avila stated that he heard families say they are health damaged and are lining up for compensation, and asked how this will be handled without it exploding. Mr. Alatorre responded that we have to protect public health, whether there are actions taken afterwards or before. The issue is protecting public health by making sure these businesses are not only complying with our rules, but also not adding to the problem.

Agenda Item #7 –Monthly Report on Small Business Assistance Activities

No comments.

Agenda Item #8 - Other Business

No comments.

Agenda Item #9 - Public Comment

Mr. Harvey Eder of Solar Power Coalition commented that in dealing with BACT, solar information was submitted to Mr. Baez and, from a federal register, the District should be working on Best Available Retrofit Control Technology (BARCT) as well. Mr. Eder stated that it is part of the EPA's directive to the state and to the District. Also, there is Control Technology Guidelines (CTG) and Alternative Control Technologies (ACT), and we submitted the most recent document we could find as part of an exhibit in the plan, which is part of the record now. We have been told that there is no ACT or CTG;

therefore, solar cannot be used for BACT. There are green program, clean program, different programs with combined heating and cooling. Mr. Eder requested that the District should light a fire on trying to establish these criteria to use solar.

Ms. Loof followed-up on comments related to BARCT and requested that committee be provided with that information. Mr. Alatorre stated that if available, staff will provide the information. Mr. Eder indicated that part of the federal register was put in there around April of this year.

Adjournment

The meeting adjourned at 12:50 p.m.

AGENDA ITEM #4

**Update on the SCAQMD Clean Fleet Vehicle Rules
[Attachment 2]**

Update on South Coast AQMD Clean Fleet Vehicle Rules

Agenda Item No. 4

Local Government and Small Business Assistance
Advisory Group Meeting

February 10, 2017

1

Fleet Rule Authority

- Health and Safety Code Section 40447.5

The SCAQMD may adopt regulations:

Require operators of public and commercial fleet vehicles, consisting of 15 or more vehicles under a single owner or lessee and operating substantially in the south coast district, when adding vehicles to or replacing vehicles in an existing fleet or purchasing vehicles to form a new fleet, to purchase vehicles which are capable of operating on methanol or other equivalently clean burning alternative fuel and to require that these vehicles be operated, to the maximum extent feasible, on the alternative fuel when operating in the south coast district. Notwithstanding Section 39021, as used in this subdivision, the term commercial fleet vehicles is not limited to vehicles that are operated for hire, compensation, or profit. No regulation adopted pursuant to this paragraph shall apply to emergency vehicles operated by local law enforcement agencies, fire departments, or to paramedic and rescue vehicles until the south coast district board finds and determines that the alternative fuel is available at sufficient locations so that the emergency response capabilities of those vehicles is not impaired.

2

Fleet Rule Authority

- Health and Safety Code Section 40919(a)(4)

Each district with serious air pollution shall, to the extent necessary to meet the requirements of the plan adopted pursuant to Section 40913, include the following measures in its attainment plan: ...

(4) Measures to achieve the use of a significant number of low-emission motor vehicles by operators of motor vehicle fleets. ...

3

Fleet Rule Authority

- Health and Safety Code Section 39037.05

"Low-emission motor vehicle" means a motor vehicle which has been certified by the state board to meet all applicable emission standards and which meets at least one of the following additional requirements:

- (a) Is capable of operating on methanol, as determined by the state board, and will have an adverse impact on ambient ozone air quality not greater than a vehicle which meets the requirements of subdivision (c).*
- (b) Is capable of operating on any available fuel other than gasoline or diesel and, in the determination of the state board, will have an adverse impact on ambient ozone air quality not greater than a vehicle operating on methanol.*
- (c) Operates exclusively on gasoline and is certified to meet a hydrocarbon exhaust emission standard which is at least twice as stringent as otherwise applicable to gasoline vehicles of the same year and class.*

4

Fleet Rule Court Decisions

- Engine Manufacturers Assoc. (EMA) vs SCAQMD
 - EMA Contended Fleet Rules are *de facto* Emissions Limits Preempted by Federal Law
 - District Court and 9th Circuit – Fleet Rules Set Purchase Requirements Not Emission Standards
 - U.S. Supreme Court Decision –
 - Fleet Rules are "Emission Standards"
 - Preemption Waiver from U.S. EPA Needed if Fleet Rules were Expanded to Private Fleets
 - Left Open Possibility of "Internal Purchase Decision" for Public Fleets
 - Remanded Case Back to District Court

5

Court Decisions on Remand

- District Court – Fleet Rules Upheld as "Market Participant" Decision (States Can Tell Its Own Political Subdivisions What to Buy)
- Ninth Circuit – Upheld Market Participant Decision, But Remanded for Determination of Which Fleets are "Governmental"
- Settlement Agreement – Enforce Only on Fleets Owned or Leased by California Public Agencies or Private Fleets Providing Services to Public Agencies Under Contract or Exclusive Agreement

6

Fleet Rule Construct

- Purchase Cleanest Vehicles Available
- Alternative Fuel Application Niches
- Need for Feasible Implementation
- Long-Term Perspective



7

SCAQMD Fleet Vehicle Rules

- 1191 - Light- and Medium-Duty Public Fleets
- 1192 - Transit Buses
- 1193 - Refuse Collection Vehicles
- 1194 - Commercial Airport Ground Access
- 1195 - School Buses
- 1196 - Heavy-Duty Public Fleet Vehicles
- 1186.1 - Less-Polluting Sweepers



8

Fleet Rule Provisions

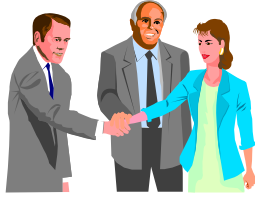
- Purchase Cleaner-Burning Gasoline or Alternative-Fueled Vehicles
- Implementation Began Mid-2001/2002



9

Successful Implementation

- Working Together
- Public Outreach/ Education
- Vehicle Availability and Enhancements
- Expanding Fueling Station Infrastructure
- Sustained Funding Assistance
- Government/Early Adopters Provide Leadership Role
- Public/Private Sector Partnerships



10

Over 16 Years of Implementation

- Acceptance By Majority of Fleets on the Use of Alternative Fuel Vehicles
- Recognition that Alternative Fuels May Not be Applicable in Specific Vocations
- Private Sector Fleets are Benefiting from the Use of Alternative Fuel Vehicles



11

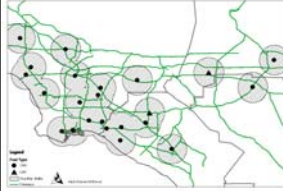
Natural Gas Vehicles Operating in the AQMD

<u>Year 2004</u>		<u>Year 2016</u>
~ 3,430 Light- and Medium-Duty Public Fleet Vehicles		~ 3,732 Light- and Medium-Duty Public Fleet Vehicles
~ 2,830 Transit Buses		~ 5,086 Transit Buses
~ 943 Refuse Trucks		~ 2,100 Refuse Trucks
~ 320 School Buses		~ 2,131 School Buses
~ 665 Heavy-Duty Public Fleet Vehicles		~ 768 Heavy-Duty Public Fleet Vehicles
~ 151 Street Sweepers		~ 375 Street Sweepers
~ 500 Taxicabs and Airport Shuttles		~ 700 Taxicabs and Airport Shuttles

12

South Coast AQMD CNG/LNG Stations

Year 2000



23 Stations Existing

Year 2016



-88 CNG, 19 LNG Public Access Stations
-109 CNG, 18 LNG Private Stations

13

Fleet Rule Future

- Continued Fleet Rule Implementation
 - Affected Fleets Indicate Willingness to Purchase Alternative Fueled Vehicles
 - Encouraging Fleets to Purchase Near-Zero and Zero Emission Vehicles Instead of Vehicles Meeting Mandatory Standards
- Next Generation of Alternative Fueled Engines – 90% Cleaner than Today's Engines
 - MSRC, CARB Funding for Transits, Waste Haulers
 - 11.9 Liter Engine in Prototype Testing
- Increasing Number of Commercial Zero-Emission Vehicles
 - Low Carbon Transportation Funding, CEC, etc.
- Increase Use of Renewable Fuels
- Expanding Alternative Fuel Use in Different Vocations

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AGENDA ITEM #5

**Status Report on Rule 1147 Technology Assessment
[Attachment 3]**

STATUS REPORT ON RULE 1147 TECHNOLOGY ASSESSMENT



February 10, 2017 Local Government & Small Business Assistance Advisory Group

Rule 1147 Background

- Adopted December 2008 – Miscellaneous Sources
- February 2016 SCAQMD released a Draft Technology Assessment on availability of low-NOx burner systems for small and low emissions sources (< 1 pound/day)
- EO committed to independent 3rd party review of SCAQMD's Draft Technology Assessment
- May 2016, ETS, an independent air emissions control consulting firm was selected by a Proposal Review Panel that included:
 - SCAQMD, Ventura County APCD, Furnace Dynamics and California Small Business Alliance

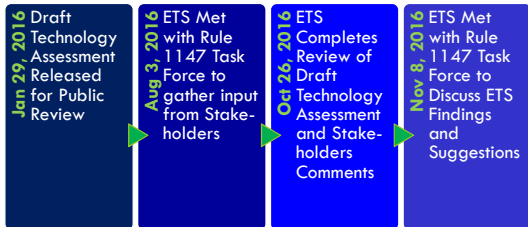
SCAQMD's Draft Technology Assessment for Rule 1147 (Feb 2016)

- Based on:
 - The collection and review of SCAQMD data;
 - Outreach to equipment manufacturers and installers;
 - Field visits; and
 - Stakeholder input
- Included:
 - Identification of the affected types and numbers of equipment and burners;
 - Emission characteristics of the equipment;
 - Estimated cost and cost-effectiveness of replacing burners; and
 - Recommendations regarding changes in emission limits

Recommendations from Draft Technology Assessment (February 2016)

1. Exempt some units with rated heat input less than 325,000 Btu per hour from Rule 1147 emission limits
2. Change the NOx emission limit from 30 ppm to 60 ppm NOx for the primary chamber for all burn-off ovens, burnout furnaces and incinerators
3. Delay compliance with NOx emission limit for existing in-use heated process tanks, evaporators and parts washers until the combustion system or tank is modified, replaced or relocated
4. Delay compliance with the NOx emission limit for existing in-use spray booths until the heating system is modified or replaced or the unit is relocated
5. Delay compliance with the NOx emission limit for existing in-use units with actual NOx emissions of one pound per day or less until the combustion system is modified or replaced or the unit is relocated

Stakeholder Input and Review Process



Elements Reviewed by ETS

- SCAQMD Draft Technology Assessment:
 - Availability of Technology for:
 - Low temperature operations including ovens and dryers
 - High temperature operations including furnaces, kilns and afterburners
 - Individual categories of equipment including heated spray booths
 - Cost effectiveness methodology
 - Cost effectiveness analysis for small and low emission sources
 - SCAQMD staff recommendations
- Comments received from Rule 1147 stakeholders

Summary of ETS Technology Review

- Agreed with all 5 staff recommendations
- Added a 6th recommendation to:
 - Change NOx emission limit for afterburner processes operating at temperatures less than 800° F from 30 to 60 ppm (Staff Agrees)

Summary of ETS Cost and Cost Effectiveness Review

- Agree with Cost Effectiveness Method Used by SCAQMD Staff
 - Consistent with EPA Method Used by Other Agencies
 - Consistent with Method Used for Rule Development and Other District Programs
- Costs Used for Analysis are Representative of Costs for Equipment and Installation of Burner Systems
- Agree with Staff Proposal to Amend Rule to Address the Following Concerns
 - Replacing Heating Systems on Existing in-use Spray Booths May Result in a Cost Effectiveness Higher Than SCAQMD Criteria Used in Other Programs
 - Retrofitting Units With Daily Emissions of Less Than 1 pound/day May Result in a Cost Effectiveness Higher Than SCAQMD Criteria Used in Other Programs

Impact of SCAQMD Technology Assessment Findings

- Provide compliance relief for up to 4,900 small & low emission units to require compliance with emission limit when unit is modified or replaced or relocated for:
 - ~3,400 spray booths and paint prep-stations used in manufacturing and auto body repair
 - ~1,500 small ovens and dryers, furnaces, kilns and VOC/PM emission control equipment such as afterburners
- Up to 0.9 tpd of foregone NOx emission reductions (short term)
- No changes for:
 - ~750 units 20 - 50 years old (were required to comply with NOx limits by 2015)
 - ~750 units with compliant burners permitted since 2000 (required to comply over the next 15 years, ~50/year)
 - Many units have demonstrated compliance because permit required testing
 - Remaining units will require testing to demonstrate compliance with NOx limits

Summary of Comments at November 8th Task Force Meeting

- General agreement with recommendations made by ETS and staff
- Recommend further examination of maintenance costs of different types of burners
- In addition to the $\leq 325,000$ Btu/hour threshold, explore ways to ascertain the 1 pound per day criteria (*Staff will address during rulemaking; not a subject of ETS review*)
- Concern with rule impacts on permit backlog
- Enhance outreach programs/guidelines for affected facilities

Stationary Source Committee Follow-up

- Presented at January 20th SSC meeting
- Follow-up on comments received:
 - Relocation requirements for < 1 pound/day sources
 - Consider exemption <1 pound/day sources as BACT would not apply
 - Explore where Rule 222 registration may be appropriate for < 1 pound/day sources
 - Continue to work with stakeholders on key issues

Future Activities and Schedule

- Finalize Rule 1147 Technology Assessment with ETS recommendations
- Continue Task Force Meetings
 - Last meeting January 17th
- Release NOP February 1st (30-day public review)
- Public Workshop February 15th
- Rule Amendment – June 2017

AGENDA ITEM #6

**Implementation of AB 2766 Requirements
[Attachment 4]**



Purpose of Report

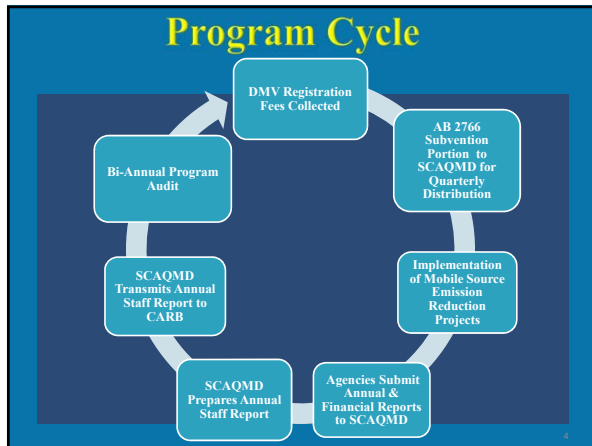
- Program update
- Report to SCAQMD Governing Board & CARB
 - Use of fees
 - Program results
- Information item
 - Local Governments
 - Other stakeholders

2

Background

- Signed into law September 1990
- Directs a portion of DMV fees to local governments to reduce mobile source emissions
- 40% of the first \$4 is subvented to Local Governments through SCAQMD
- Implements projects that support Clean Air Act goals for mobile source emission reductions

3



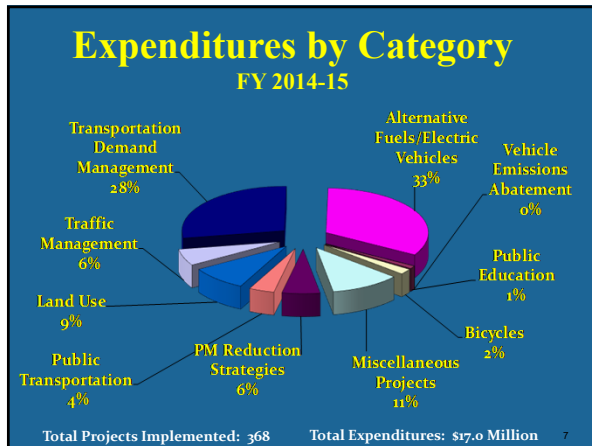
Program Summary FY 2014-15

- Participating Jurisdictions 162
- MV Fees Received \$21.7M
- Project Spending \$17M
- Projects Implemented 368
- Emissions Reduced 6,198 tons

Financial Summary (\$ million)

County	Beginning Balance	Funds Received ¹	Project Spending ²	Pre-designated Funds	Funds Remaining After Pre-designating
LA	\$21.6	\$12.6	\$10.0	\$14.4	\$8.8
Orange	\$11.7	\$4.1	\$2.9	\$9.0	\$3.9
Riverside	\$5.2	\$2.9	\$2.3	\$3.5	\$2.3
San Bernardino	\$5.9	\$2.1	\$1.8	\$4.8	\$1.4
TOTALS³	\$43.5	\$21.7	\$17.0	\$31.8	\$16.4

¹ Excludes Interest Earned
² Excludes Administrative Costs
³ Totals vary due to rounding



Project Implementation & Emission Reductions

Project Category	# Projects	Projects Quantified	Emissions Reduced (lbs/yr)*	Emissions Reduced (tons/yr)*	Cost-Effectiveness (\$/lb.)
Misc. Projects	39	8	11,823,495	5,912	\$0.12**
TDM	83	73	498,670	249	\$9.08
Traffic Management	47	25	26,881	13	\$4.54
Alternative Fuels/Electric Vehicles	102	75	26,175	13	\$20.10
PM Reduction Strategies	20	19	13,259	7	\$63.11

*Includes: NOx, VOC, PM2.5 & CO/7 emissions (EMFAC)
** CE of the Miscellaneous Projects category was heavily skewed by one project. Total CE would be \$7.21/lb w/out that project.

Project Implementation & Emission Reductions (cont.)

Project Category	# Projects	Projects Quantified	Emissions Reduced (lbs/yr)*	Emissions Reduced (tons/yr)*	Cost-Effectiveness (\$/lb.)
Public Transportation	27	18	4,912	2	\$69.12
Vehicle Emissions Abatement	2	2	2,336	1	\$5.04
Bicycles	19	9	981	1	\$134.73
Land Use	19	---	---	---	---
Public Education	10	---	---	---	---
TOTALS***	368	229	12,396,710	6,198	\$0.64**

*Includes: NOx, VOC, PM2.5 & CO/7 emissions (EMFAC 2014) from Air Funds (Subvention, Discretionary and Carl Meyer).
** CE of Misc. Projects category was heavily skewed by one project. Total CE would be \$7.21 w/out that project.
***Totals may vary due to rounding.

Alt Fuels/Electric Vehicle Purchases/Leases/Infrastructure



10

Vehicle Emission Abatement



11

PM Reduction



12

Transportation Demand Management



13

Collaboration & Fund Leveraging



14

Elements of Success

Leadership

- Program Decision Making and Direction from Board Councils and Govt. Officials

Planning

- Short and Long Range Project Selection and Implementation

Partnership

- Coordination between SCAQMD, Local Jurisdictions and COGs



15

Program Outreach

- Assist local government policy makers in decision-making process:
 - Provide annual financial information
 - Highlight examples of preferred projects
- COG briefings
- Conduct local government training sessions
- Offer program guidance & technical assistance
- Provide co-funding information

16

Program Status

- December 3, 2016
 - SCAQMD Governing Board approved the AB 2766 FY 2014-15 Staff Report for submittal to CARB
- February 3, 2017
 - Local governments FY 2015-16 Program and Financial Reports due to SCAQMD
- Current Activity thru June 30, 2017
 - Local governments develop and implement FY 2016-17 AB 2766 programs and projects

17

AGENDA ITEM #7

**Monthly Report on Small Business Assistance Activities
[Attachment 5]**



Small Business Assistance Report on January 2017 Activities

for
LG&SBA Advisory Group Meeting of
2/10/2017

Services Offered – January

- Permit Application Assistance 170
- On-site Consultations 5
- Fee Review Committee Request 5
 - 2 Granted (Payment Plan)
 - 3 Further Research (Waive District Fees)
- Clearance Letters Issued 21

2/10/2017

January 2017 Report

Permit Assistance – January

- 170 Activities Providing Help with Permit Applications. Examples include:
 - 22 Auto Body Shops
 - 18 General Contractors/Consultants/Architects
 - 18 Restaurants
 - 17 Manufacturing Facilities
 - 11 Dry Cleaners
 - 7 Fuel Dispensing Facilities
 - 3 Food & Beverage Production

2/10/2017

January 2017 Report

Activities and Events – January

- Conducted 5 free on-site consultations
 - Print Shop
 - Metal Forming Facility
 - Dry Cleaners
 - Auto Body Shop
- Issued 21 Clearance Letters
- Attended 1 Event
 - MLK at California Science Center in Los Angeles

2/10/2017

January 2017 Report

Miscellaneous

- Dry Cleaning Grant Activities (as of 1/2017)
 - 2002 Dry Cleaner grant program (\$2 million)
 - 343 Checks issued
 - 2006 Dry Cleaner grant program (\$1 million)
 - BP/ARCO Settlement funds
 - Over 220 applications received 193 checks issued

2/10/2017

January 2017 Report

Miscellaneous (cont'd)

- Dry Cleaning Grant Activities (as of 1/2017)
 - 2007 Dry Cleaner grant program (\$250,000)
 - \$250,000 in additional funding from AQIP.
 - 30 grant checks issued (wet cleaning only)
 - 2007 Dry Cleaner grant program (\$1 million)
 - Professional wet cleaning and CO2 only.
 - \$1,000,000 in additional funding from AQIP.
 - 61 eligible grant applications (wet cleaning and CO2 only)
 - 61 grant checks issued

2/10/2017

January 2017 Report

INFORMATIONAL ATTACHMENT

2017 Attendance Matrix

LGSBA MATRIX FOR YEAR 2017

NAME								NO MTG				
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Benoit, Ben	1											
Rutherford, Janice	E											
Aguirre, Felipe	0											
Avila, Paul	1											
Blake, Geoffrey	0											
Campbell, Todd	1											
Daniel, LaVaughn	1											
DeWitt, John	1											
Kennedy, Maria Elena	1											
La Marr, Bill	1											
Loof, Rita	1											
Moran, Cynthia	1											
Rothbart, David	1											

0/Absent
1/Attended
E/Excused

INFORMATIONAL ATTACHMENT

March 3, 2017 Governing Board Meeting Draft Agenda

2/2/2017 5:42 PM

DRAFT

MEETING, MARCH 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

Staff/Phone (909) 396-

CONSENT CALENDAR (Items 1 through XX)

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

9627. Approve Minutes of February 3, 2017 Board Meeting **Garzaro/2500**
9680. Set Public Hearings April 7, 2017 to Consider Adoption of and/or Amendments to SCAQMD Rules and Regulations **Nastri/3131**

Budget/Fiscal Impact

9705. Execute Contracts with Consultants to Provide AB 2588 Assistance **Nakamura/3105**


At its November 4, 2016 meeting, the Board approved the release of an RFP for AB 2588 Consultant Assistance to provide support to staff in the review of AB 2588 and Rule 1402 reports over the next four years. Eight proposals were received and scored considering both technical merit and costs. This action is to award contracts to six of the eight firms who responded to the RFP. Funds for this project, in an amount not to exceed a total of \$500,000, will be allocated from the Air Toxics Special Revenue Fund (15) over an initial two year period. Following the initial two year period, the Executive Officer will have the option to extend each contract once per year for the next two years, and increase the total amount allocated up to another \$250,000 per year, for a total cost up to \$1,000,000 spread between all six firms over the full four year period of these contracts. The Air Toxics Special Revenue Fund is specifically designed to provide funds to manage the AB2588 program from fees paid by AB2588 facilities. (Reviewed: Administrative Committee, February 10, 2017; Recommended for Approval)

9681. Approve Year-Round Electric Lawn Mower Rebate Program  **Minassian/2641**


For the past 14 years, the SCAQMD has implemented an Electric Lawn Mower Exchange Program. Over the last two years, the Program has experienced declining exchanges, likely due to the severe drought across California and market saturation. Staff proposes to modify the Program by offering a year-round Electric Lawn Mower Rebate Program on a first-come, first-served basis, where participants would receive a rebate through an online application process after purchasing a new battery-electric lawn mower and scrapping their old gasoline-powered lawn mower at a participating licensed dismantler. This action is to approve the year-round Electric Lawn Mower Rebate Program on a first-come, first-served basis in an amount not to exceed \$250,000 from the Rule 2202 Air Quality Investment Fund (27). (Reviewed: Mobile Source Committee, February 17, 2017; Recommended for Approval)

9707. Execute Contract to Develop and Demonstrate Electric School Buses with Vehicle-to-Grid Capability **Miyasato/3249**

DOE recently awarded the Blue Bird Body Company, Inc. \$4,902,237 for the development and demonstration of electric school buses with vehicle-to-grid (V2G) capability. Blue Bird Body Company proposes to develop and manufacture V2G electric school buses and demonstrate them in the Rialto Unified School District. Staff proposes to cost-share this project. This action is to execute a contract with Blue Bird Body Company for the development, manufacture and demonstration of electric school buses in an amount not to exceed \$1,900,000 from the Lower-Emission School Bus Fund (33). (Reviewed: Technology Committee, February 17, 2017; Recommended for Approval)

9708. Execute Contract to Develop and Demonstrate Medium-Heavy Duty (Class 5-7) Plug-in Hybrid Electric Vehicles for Work Truck Applications  **Miyasato/3249**

DOE recently awarded \$2,932,193 to Odyne Systems, LLC, for the development and demonstration of a medium-heavy duty (Class 5-7) plug-in hybrid electric vehicle (PHEV) for work truck applications. Odyne proposes to develop and demonstrate medium-heavy duty (Class 5-7) PHEV work trucks with reduced fuel consumption and fully electrified jobsite functions. Staff proposes to cost-share this project. This action is to execute a contract with Odyne Systems, LLC, for the design, manufacture and demonstration of medium-heavy duty (Class 5-7) PHEV work trucks in an amount not to exceed \$900,000 from the Clean Fuel Fund (31). (Reviewed: Technology Committee, February 17, 2017; Recommended for Approval)

9723. Transfer Funds and Execute Contract to Develop and Demonstrate Vessel Performance Management Software and Equipment 

Miyasato/3249

The California State University Maritime Academy proposes to demonstrate a technology capable of harvesting high altitude wind energy while employing a vessel performance optimization system. The first two phases of the project includes the design and installation of the performance management software and equipment followed by demonstration of the equipment with performance evaluation of its fuel and emissions reductions capabilities. Staff proposes to cost-share phase 2 of this project with the California State University Maritime Academy, Maritime Administration and Bay Area AQMD. These actions are to transfer \$50,086 from the BP ARCO Settlement Projects Fund (46) into the Clean Fuels Fund (31), and execute a contract with the California State University Maritime Academy for the design and demonstration of vessel performance management software and equipment in an amount not to exceed \$50,086 from the Clean Fuels Fund (31). (Reviewed: Technology Committee, February 17, 2017; Recommended for Approval)

9694. Transfer and Appropriate Funding, Issue Solicitations and Purchase Orders for Laboratory and Field Equipment, Vehicle and Software, Execute Contract, and Add Positions to Address Operational Needs in Science and Technology Advancement

Miyasato/3249

The elevated levels of hexavalent chromium (Cr6+) that have recently been measured in the City of Paramount have created an urgent need to enhance SCAQMD's air quality monitoring and laboratory analysis. Investing in new laboratory and field equipment and additional staff will allow SCAQMD to appropriately address the increasing demand for the extensive monitoring of Cr6+ and other toxic metals in the City of Paramount as well as other parts of the Basin. These actions are to: 1) appropriate \$70,650 from the General Fund; 2) transfer and appropriate funding up to \$626,000 from the Air Toxics Fund (15) to Science and Technology Advancement's FY 2016-17 and/or 2017-18 Budget; 3) issue solicitations and purchase orders for laboratory and field equipment, one vehicle and software; 4) execute a contract for a mobile multi-metals survey study; and 5) create and fill four new positions in Science and Technology Advancement. (Reviewed: Administrative Committee, February 10, 2017; Recommended for Approval)

9728. Recognize and Transfer Funds, Execute Agreements for SCAQMD to Act as Supplemental Environmental Project Implementer and for Installation of Air Filtration Systems, and Reimburse General Fund for Administrative Costs

Miyasato/3249

Placeholder. (Reviewed: Technology Committee, February 17, 2017; Recommended for Approval)

9706. Execute Contract for Information Technology Review O'Kelly/2828

On December 2, 2016, the Board approved release of an RFP for an information technology review. This action is to execute a contract with Sunera LLC to obtain these technology review services. Funds for these services (\$75,000) are included in the FY 2016-17 Budget. (Reviewed: Administrative Committee, February 10, 2017; Recommended for Approval)

9702. Amend Contracts to Provide Short- and Long-Term Systems Development, Maintenance and Support Services O'Kelly/2828

SCAQMD currently has contracts with several companies for short- and long-term systems development, maintenance and support services. These contracts are periodically amended as additional needs are defined. This action is to amend the contracts approved by the Board to add additional funding for needed development and maintenance work. (Reviewed: Administrative Committee, February 10, 2017, Recommended for Approval)

9725. Execute Administrative Service Agreement with Los Angeles County Employees Retirement Association to Continue to Administer Healthcare and Death Benefits for SCAQMD Retirees Participating in Los Angeles County Employees Retirement Association O'Kelly/2828

Los Angeles County Employees Retirement Association (LACERA) currently administers healthcare and death benefits for 63 retirees and beneficiaries who participated in LACERA while being employed by SCAQMD. LACERA is seeking to execute a new agreement to formalize the administration of these benefits. (Reviewed: Administrative Committee, February 10, 2017; Recommended for Approval)

9721. Approve SCAQMD Annual Investment Policy and Delegation of Authority to Appointed Treasurer to Invest SCAQMD Funds O'Kelly/2828

State law requires a local government entity annually to provide a statement of investment policy for consideration at a public meeting and to renew its delegation of authority to its treasurer to invest or reinvest funds of the local agency. (Reviewed: Investment Oversight Committee, February 17, 2017; Recommended for Approval)

9616. Approve Contract Awards and Modifications Approved by MSRC **Pettis**

Items XX through XX - Information Only/Receive and File

9683. Legislative, Public Affairs and Media Report **Alatorre/3122**

This report highlights the January 2017 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)

9631. Hearing Board Report **Camarena/2500**

This reports the actions taken by the Hearing Board during the period of January 1 through January 31, 2017. (No Committee Review)

9700. Civil Filings and Civil Penalties Report **Wiese/3460**

This reports the monthly penalties from January 1 through January 31, 2017, and legal actions filed the General Counsel's Office from January 1 through January 31, 2016. An Index of District Rules is attached with the penalty reports. (Reviewed: Stationary Source Committee, February 17, 2017)

9655. 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 January 1, 2017 and January 31, 2017, and those projects for which the SCAQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, February 17, 2017)

9719. FY 16-17 Contract Activity **O'Kelly/2828**

This report lists the number of contracts let during the first six months of FY 2016-17, the respective dollar amounts, award type, and the authorized contract signatory for SCAQMD. (No Committee Review)

9716. Report of RFPs Scheduled for Release in March **O'Kelly/2828**

This report summarizes the RFPs for budgeted services over \$75,000 scheduled to be released for advertisement for the month of March. (Reviewed: Administrative Committee, February 10, 2017; Recommended for Approval)

9610. Status Report on Major Ongoing and Upcoming Projects for Information Management **O'Kelly/2828**

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, February 10, 2017; Recommended for Approval)

XX. Items Deferred from Consent Calendar

BOARD CALENDAR

- | | | |
|---|-----------------------|------------------------|
| 9644. Administrative Committee (Receive & File) | Chair: Burke | Nastri/3131 |
| 9718. Investment Oversight Committee (Receive & File) | Chair: XXXX | O'Kelly/2828 |
| 9669. Legislative Committee (Receive & File) | Chair: Mitchell | Alatorre/3122 |
| 9690. Mobile Source Committee (Receive & File) | Chair: Parker | Fine/2239 |
| 9696. Stationary Source Committee (Receive & File) | Chair: Benoit | Tisopoulos/3123 |
| 9583. Technology Committee (Receive & File) | Chair: Buscaino | Miyasato/3249 |
| 9621. Mobile Source Air Pollution Reduction Review Committee (Receive & File) | Board Liaison: Benoit | Hogo/3184 |

9634. California Air Resources Board Monthly Report (Receive & File) Board Rep: Mitchell Garzaro/2500

9665. 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, February 17, 2017)

PUBLIC HEARINGS

9704. Approve and Adopt Technology Advancement Office Clean Fuels Program 2016 Annual Report and 2017 Plan Update and Resolution, and Receive and File or Approve and Adopt Revised Membership of Technology Advancement and Clean Fuels Advisory Groups Miyasato/3249

Each year by March 31, the Technology Advancement Office must submit to the California Legislative Analyst an approved Annual Report for the past year and a Plan Update for the current calendar year. Staff has reviewed the Clean Fuels Program with the Clean Fuels Advisory Group, the Technology Advancement Advisory Group and other technical experts. Additionally, the 2017 Clean Fuels Program Draft Plan Update was presented to the Technology Committee for review and comment at its October 21, 2016 meeting. This action is to approve and adopt the final Technology Advancement Clean Fuels Program Annual Report for 2016 and 2017 Plan Update as well as the resolution finding that proposed projects do not duplicate any past or present programs. This action is to also receive and file membership changes to the Technology Advancement Advisory Group and approve and adopt membership changes to the SB 98 Clean Fuels Advisory Group. (Reviewed: Technology Committee, February 17, 2017; Recommended for Approval)

9701. Annual RECLAIM Audit Report for 2015 Compliance Year Tisopulos/3123

The annual report on the NOx and SOx RECLAIM program is prepared in accordance with Rule 2015 - Backstop Provisions. The report assesses emission reductions, availability of RECLAIM Trading Credits (RTCs) and their average annual prices, job impacts, compliance issues, and other measures of performance for the twenty-second year of this program. In addition, recent trends in trading future year RTCs are analyzed and presented in this report. Further, a list of facilities that did not reconcile their emissions for the 2015 Compliance Year is included in the report. (Reviewed: Stationary Source Committee, February 17, 2017)

9677. 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 monitoring, 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 to conduct grinding and cutting operations to occur in the open air 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, conduct metal grinding and cutting operations in a building enclosure to reduce fugitive emissions, and implement a series of housekeeping measures to further minimize fugitive emissions. This action is to adopt the resolution: 1) Certifying the Final Environmental Assessment for Proposed Rule 1430 – Control of Emissions from Metal Grinding Operations at Metal Forging Facilities; and 2) Adopting Rule 1430 – Control of Emissions from Metal Grinding Operations at Metal Forging Facilities. (Reviewed: Stationary Source Committee, January 20, 2017)

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 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	

INFORMATIONAL ATTACHMENT

Rule and Control Measure Forecast

BOARD MEETING DATE: February 3, 2017

AGENDA NO. 14

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights SCAQMD rulemaking activities and public workshops potentially scheduled for 2017.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Wayne Nasti
Executive Officer

PMF:SN:afm:la

2017 MASTER CALENDAR

**An asterisk indicates that the rulemaking is a potentially significant hearing.*

+This proposed rule will reduce criteria air contaminants and assist toward attainment of ambient air quality standards.

2017

March	Title and Description	Type of Rulemaking
1430*	Control of Emissions from Grinding Operations at Metal Forging Facilities Proposed Rule 1430 will establish emission reduction requirements for metal grinding operations at forging facilities and possibly other requirements to address metal particulate emissions. <small>Susan Nakamura 909.396.3105 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</small>	Toxics

2017 MASTER CALENDAR (Continued)

2017 (Continued)

April		
1420	<p>Emission Standard for Lead</p> <p>In October 2008, U.S. EPA lowered the National Ambient Air Quality Standard (NAAQS) for lead from 1.5 to 0.15 µg/m³. Proposed Rule 1420 will establish requirements for lead-emitting sources that are not covered under Rules 1420.1 and Rule 1420.2 to ensure compliance with the lead NAAQS.</p> <p><i>Susan Nakamura 909.396.3105 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1466	<p>Toxic Air Contaminant Emissions from Decontamination of Soil</p> <p>Proposed Rule 1466 will establish requirements to control toxic particulate emissions from activities involving storing, handling and transporting soils during soil decontamination activities.</p> <p><i>Susan Nakamura 909.396.3105 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Toxics
May		
219	<p>Equipment Not Requiring a Written Permit Pursuant to Regulation II</p>	Other
222	<p>Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II</p> <p>Proposed amended Rule 219 will exclude equipment with de minimis emissions from the requirement to obtain written permits. Proposed Amended Rule 222 will be proposed in tandem to add additional equipment categories to the streamlined filing registration program.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
1147*	<p>NO_x Reductions from Miscellaneous Sources</p> <p>Proposed Amended Rule 1147 will modify emission limits for certain source categories based on findings and recommendations from the Rule 1147 Technology Assessment.</p>	Other
1153.1	<p>Emissions of Oxides of Nitrogen from Commercial Food Ovens</p> <p>Rule 1153.1 was adopted in November 2014 and established NO_x 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-NO_x burner technologies for new commercial food ovens.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other

2017 MASTER CALENDAR (Continued)

2017 (Continued)

May (Continued)	Title and Description	Type of Rulemaking
1148.3	<p>Requirements for Underground Gas Storage</p> <p>Proposed Rule 1148.3 will establish requirements to address public nuisance and VOC emissions from underground natural gas storage facilities.</p> <p><i>Susan Nakamura 909.396.3105 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
1150.1	<p>Control of Gaseous Emissions from Municipal Solid Waste Landfills</p> <p>Proposed amendments will address U.S. EPA revisions to the Standards of Performance for Municipal Solid Waste Landfills (NSPS) and Existing Guidelines and Compliance Timelines (EG) for Municipal Solid Waste Landfills, as well as CARB GHG requirements.</p> <p><i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
Reg III	<p>Fees</p> <p>Regulation III will incorporate the CPI adjustment to keep pace with inflation, pursuant to Rule 320, and proposed amendments may also make any other needed adjustments.</p> <p><i>Carol Gomez 909.396.3264 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
June		
1118 ⁺	<p>Control of Emissions from Refinery Flares</p> <p>The proposed amendments would address emissions from flaring during external events like power failures on the local grid and from flaring events caused by refinery activities.</p> <p><i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
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>Susan Nakamura 909.396.3105 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Toxics

2017 MASTER CALENDAR (Continued)

2017 (Continued)

July	Title and Description	Type of Rulemaking
1426*	<p>Emissions from Metal Finishing Operations Proposed amendments to Rule 1426 will establish requirements to reduce nickel, cadmium and other air toxics from plating operations.</p>	Toxics
1469*	<p>Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations Proposed Amended Rule 1469 will strengthen requirements to address potential fugitive emissions from hexavalent chrome plating and anodizing operations. <i>Susan Nakamura 909.396.3104 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Toxics
2202	<p>On-Road Motor Vehicle Mitigation Options Rule 2202 will be amended to 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 Socio: Jillian Wong 909.396.3176</i></p>	Other
September		
1168	<p>Adhesive and Sealant Applications (CTS-02) Amendments to Rule 1168 will partially implement CTS-02 and reflect improvements in adhesive and sealant technology, as well as remove outdated provisions and include minor clarifications. <i>Philip Fine 909.396.2239 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1401	<p>New Source Review of Toxic Air Contaminants Amendments will update requirements for gas stations and paint booths, and will consider additional administrative changes. <i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Toxics
October		
415*	<p>Odors from Animal Rendering Facilities Proposed Rule 415 will establish requirements to reduce odors created during animal rendering operations. The proposed rule will establish Best Management Practices, and will consider enclosure, odor control requirements for the receipt and processing of rendering material and wastewater, and possibly requirements for an Odor Mitigation Plan. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other

2017 MASTER CALENDAR (Continued)

2017 (Continued)

October (continued)	Title and Description	Type of Rulemaking
Reg. IX Reg. X	<p>Standards of Performance for New Stationary Sources National Emission Standards for Hazardous Air Pollutants Amendments to Regulations IX and X are periodically made to incorporate by reference new or amended federal performance 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.</p> <p><i>Carol Gomez 909.396.3264 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
1407* 1407.1	<p>Control of Emissions of Arsenic, Cadmium and Nickel from Non-Ferrous Metal Operations 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.</p> <p><i>Susan Nakamura 909.396.3105 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Toxics
November		
1118.1	<p>Control of Emissions from Non-Refinery Flares Proposed Rule 1118.1 will seek to reduce emissions from flaring at non-refinery facilities, including alternate uses of gases. The rule would require the installation of newer flares implementing the Best Available Control Technology at sources such as landfills, wastewater treatment plants, and oil and gas production facilities. Alternate uses of flare gas would be encouraged, especially for facilities that, for example, would clean it for use as a transportation fuel, process it to become pipeline-quality dry natural gas, or direct it to equipment that can convert its energy into power and/or heat.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
1180	<p>Refinery Fenceline and Community Monitoring Proposed Rule 1180 will establish the requirements for fenceline and community monitoring at petroleum refineries.</p> <p><i>Susan Nakamura 909.396.3105 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
1435	<p>Control of Emissions from Metal Heat Treating Processes Proposed Rule 1435 would establish requirements to reduce metal particulate emissions from heat treating processes.</p> <p><i>Susan Nakamura 909.396.3105 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Toxics

2017 MASTER CALENDAR (Continued)

2017 (Continued)

December		
1410*	<p>Hydrogen Fluoride Use at Refineries Proposed Rule 1410 will establish requirements for use of hydrogen fluoride at refineries.</p> <p><i>Susan Nakamura 909.396.3105 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Toxics

2017 To-Be-Determined

To-Be-Determined	Title and Description	Type of Rulemaking
102	<p>Definition of Terms Staff may amend Rule 102 to add or revise definitions to support amendments to other Regulation XI rules.</p> <p><i>Susan Nakamura 909.396.3105 CEQA: Michael Krause 909.396.2706 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.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	AQMP
224	<p>Incentives for Super-Compliant Technologies Proposed Amended 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.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
416	<p>Odors from Kitchen Grease Processing Proposed Rule 416 will reduce 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 909.396.27064 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 909.396.27064 Socio: Jillian Wong 909.396.3176</i></p>	AQMP

2017 MASTER CALENDAR (Continued)

2017 To Be Determined (Continued)

To-Be-Determined	Title and Description	Type of Rulemaking
<p>1106 1106.1</p>	<p>Marine Coating Operations Pleasure Craft Coating Operations (This item was previously submitted to the Board, but rejected. It will be brought back for Board direction.) The proposed amendment is two-fold: first, Rule 1106.1 is proposed to be rescinded and second, Rule 1106 would subsume the requirements of 1106.1, and revise VOC content limits for pretreatment wash primers, antenna, repair and maintenance thermoplastic, inorganic zinc, and specialty marking coatings in order to align limits with U.S. EPA Control Techniques Guidelines and other California air districts, and add new categories for marine aluminum antifoulant, mist, nonskid and organic zinc coatings and marine deck primer sealant. The proposed amendment would also add provisions for pollution prevention measures, enhanced enforceability, and to promote clarity and consistency. <i>Philip Fine 909.396.2239 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	<p>Other</p>
<p>1107⁺</p>	<p>Coating of Metal Parts and Products (CTS-02) Potential amendments to Rule 1107 would further reduce VOC emissions and improve rule clarity and enforceability. <i>Philip Fine 909.396.2239 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	<p>AQMP</p>
<p>1113</p>	<p>Architectural Coatings Depending on the final recommendations of the tBAC white paper and the actions of the Scientific Review Panel for the Office of Environmental Health Hazard Assessment (OEHHA), reassessment of the limited tBAC exemption in the Rule will occur. <i>Philip Fine 909.396.2239 CEQA: Michael Krause Socio: Jillian Wong 909.396.3176</i></p>	<p>Other</p>
<p>1111 1111.1</p>	<p>Reduction of NOx Emissions from Natural Gas Fired, Fan-Type Central Furnaces Rule 1111 may be amended to address compliance challenges. Reduction of NOx Emissions from Natural Gas Fired Commercial Furnaces (CMB-01) 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 Socio: Jillian Wong 909.396.3176</i></p>	<p>AQMP</p>

2017 MASTER CALENDAR (Continued)

2017 To Be Determined (Continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1123 ⁺	<p>Refinery Process Turnarounds (MCS-03) Proposed amendments will implement Control Measure MSC-03 of the 2007 AQMP by establishing procedures that better quantify emission impacts from start-up, shutdown or turnaround activities.</p> <p><i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1135	<p>Emissions of Oxides of Nitrogen from Electric Power Generating Systems At the December 4, 2015 Board meeting, Rule 2001- Applicability was amended, allowing for an off-ramp from the NO_x RECLAIM program for electricity generating facilities (EGF) operating at Best Available Control Technology (BACT) or Best Available Retrofit Control Technology (BARCT) NO_x emission levels. Any EGF that opts out of the NO_x RECLAIM program will need to comply with the proposed amendments to Rule 1135 – Emissions of Oxides of Nitrogen from Electric Power Generating Systems. The primary purpose of these proposed amendments is for the EGF facility to maintain compliance with the NO_x RECLAIM emission limits. The EGF owner or operator would need to comply with the newly developed Rule 1135 source-specific requirements no later than three years after approval of their Rule 2001 opt-out plan.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
1136 ^{*,+}	<p>Wood Products Coatings (CTS-02) Amendments may be proposed to existing rule limits and other provisions.</p>	AQMP
1450 [*]	<p>Control of Methylene Chloride Emissions The proposed rule is to reduce exposure to methylene chloride from furniture stripping, remove potential regulatory loopholes, achieve emission reductions where possible and cost effective, include reporting requirements, and clarify the rule language to improve consistency with other SCAQMD VOC rules.</p> <p><i>Philip Fine 909.396.2239 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Toxics

2017 MASTER CALENDAR (Continued)

2017 To Be Determined (Continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1142	<p>Marine Tank Vessel Operations Revisions to Rule 1142 are proposed to address VOC emissions from marine tank vessel operations and provide clarifications. <i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
1146, 1146.1, 1146.2*,+	<p>Emissions of Oxides of Nitrogen Amendments to Rules 1146, 1146.1, and 1146.2 may be necessary to respond to advancements in ultra-low NOx burner technology and selective catalytic reduction (SCR) applicability. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.27064 Socio: Jillian Wong 909.396.3176</i></p>	Other
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>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
1151	<p>Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations Depending on the final recommendations of the tBAC white paper and the actions of the Scientific Review Panel for the Office of Environmental Health Hazard Assessment (OEHHA), reassessment of the limited tBAC exemption in the Rule will occur. <i>Philip Fine 909.396.2239 CEQA: Michael Krause Socio: Jillian Wong 909.396.3176</i></p>	
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’s oil and gas regulations. <i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
1177 ⁺	<p>Liquefied Petroleum Gas Transfer and Dispensing (2012 AQMP FUG-02) Potential amendments may be proposed to include additional sources of emissions from the dispensing and transfer of LPG. <i>Philip Fine 909.396.2239 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	AQMP

2017 MASTER CALENDAR (Continued)

2017 To Be Determined (Continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1188 ⁺	<p>VOC Reductions from Vacuum Trucks (FUG-01) 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.</p> <p><i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1190, 1191, 1192, 1193, 1194, 1195, 1196, and 1186.1	<p>Fleet Vehicle Requirements Amendments to Rule 1190 series fleet rules may be necessary to address implementation. In addition, the current fleet rules may be expanded to achieve additional air quality and air toxic benefits.</p> <p><i>Dean Saito 909.396.2647 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
1304.2 1304.3	<p>California Public Utilities Commission Regulated Electrical Local Publicly Owned Electrical Utility Fee for Use of SO_x, PM₁₀ and NO_x Offsets</p> <p>Local Publicly Owned Electrical Generating Facility Fee for Use of SO_x, PM₁₀ and NO_x Offsets Proposed Rules 1304.2 and 1304.3 would allow new greenfield facilities and additions to existing electrical generating facilities conditioned access to SCAQMD internal offset accounts for a fee, for subsequent funding of qualifying improvement projects consistent with the AQMP.</p> <p>Proposed Rule 1304.2 will provide offsets so that new, proposed and other existing electrical generating facilities can compete on a level playing field with existing generating facilities with utility steam boilers, and implement the State’s plan to maintain grid reliability.</p> <p>Proposed Rule 1304.3 will provide offsets so that new, proposed and other existing electrical generating facilities run by local municipalities can meet the electricity reliability needs of their customers.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other Other

2017 MASTER CALENDAR (Continued)

2017 To Be Determined (Continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1470*	<p>Requirement for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines at Sensitive Receptors The proposal would address new and existing small (≤ 50 brake horsepower) diesel engine emissions located near sensitive receptors such as schools, preschools, daycare centers and health care facilities. Staff is also considering amendments to minimize use of stationary diesel back-up engines that may include use alternative power sources that are substantially less polluting.</p> <p><i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Toxics
Reg. XVI	<p>Mobile Source Offset Programs Amendments to various Regulation XVI rules will be proposed to address the recent U.S. EPA proposed disapproval of such rules including Rule 1610.</p> <p><i>Henry Hogo 909.396.3184 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
Reg. XVII	<p>Prevention of Significant Deterioration Proposed Regulation XVII will align the AQMD's Prevention of Significant Deterioration program with federal requirements.</p> <p><i>Carol Gomez 909.396.3264 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
1902	<p>Transportation Conformity Amendments to Rule 1902 may be necessary to bring the District's Transportation Conformity rule in line with current U.S. EPA requirements.</p> <p><i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other
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.</p> <p><i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other

2017 MASTER CALENDAR (Continued)

2017 To Be Determined (Continued)

To-Be-Determined	Title and Description	Type of Rulemaking
Reg. XXIII	<p>Emissions Growth Management of Various Emissions Sources Regulation XXIII will contain rules related to emissions growth management of various emission sources including, but not limited to, new or redevelopment projects and other sources where criteria pollutant emissions associated with the region’s growth may cause or exacerbate exceedance of an air quality standard. Proposed rule(s) will implement the 2007 AQMP Control Measure EGM-01 – Emission Reductions from New or Redevelopment Projects and potential implementation of EGM-01 proposed in the Draft 2016 AQMP if approved by the Board. Regulation XXIII may include other sources as provided in the Final 2016 AQMP to be submitted to U.S. EPA.</p> <p><i>Henry Hogo 909.396.3184 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	AQMP
Reg. XXV	<p>On-Road and Off-Road Mobile Source Credit Generation Programs 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 Draft 2016 AQMP proposed limiting use of MSERCs to facilities where the mobile source emissions occur.</p> <p><i>Henry Hogo 909.396.3184 CEQA: Michael Krause 909.396.2706 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.</p> <p><i>Philip Fine 909.396.2239 CEQA: Michael Krause 909.396.2706 Socio: Jillian Wong 909.396.3176</i></p>	Other

2017 MASTER CALENDAR (Continued)

2017 To Be Determined (Continued)

To-Be-Determined	Title and Description	Type of Rulemaking
Reg. II, IV, XI, XIII, XIV, XX, XXX and XXXV Rules	<p>Various rule amendments may be needed to meet the requirements of state and federal laws, implement OEHHA revised risk assessment guidance, address variance issues/ technology-forcing limits, to abate a substantial endangerment to public health or welfare, 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, new or amended rules to implement the 2012 or 2016 AQMP measures. This includes measures in the 2010 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.</p>	Other