



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

June 9, 2017 ♦ 11:30 a.m. ♦ Conference Room GB
21865 Copley Drive, Diamond Bar, CA 91765-4182

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

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Listen Only Passcode: 2626876

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<http://www.aqmd.gov/home/library/webcasts>

AGENDA

INFORMATION, ACTION & DISCUSSION ITEMS:

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

1. Call to Order/Opening Remarks *Mayor Pro Tem Ben Benoit
Committee Chair*
2. Approval of May 12, 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. FY 2017-18 General Fund Budget and Fee Adjustment *Michael O'Kelly,
Chief Administrative Officer,
Finance
Administrative Office*
[No Written Material]
Staff will provide an overview of the General Fund Budget and Fee Adjustment detailing staffing levels, expenditures, and revenues required to maintain current program commitments.

5. **Facility-Based Mobile Source Measures Update**
[No Written Material]
Staff will provide an update on progress to implement the Facility Based Mobile Source Measures adopted in the Final 2016 AQMP. The update will provide a summary of the Working Group Meeting that have been held to date, and the next steps for these measures.

*Ian MacMillan,
Planning & Rules Manager,
Planning, Rule Development &
Area Sources*
6. **Conduct Commercial Leaf Blower Exchange Program**
[No Written Material]
To follow up on the successful Leaf Blower Exchange Programs, staff will conduct a similar incentive in the summer of 2017 to generate cost-effective emission reductions by exchanging up to 2,300 old two-stroke leaf blowers with new zero or low emission and low noise commercial leaf blowers.

*Vasken Yardemian,
Sr. Staff Specialist
Science & Technology Advancement*
7. **Monthly Report on Small Business Assistance Activities**
[Attachment 2 - Written Report]
Summary of assistance and outreach activities conducted by SCAQMD's Small Business Assistance Office for May, 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, July 14, 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.

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 (Gov't Code Section 54954.2(a)). Disability-related accommodations will also be made available to allow participation in the Local Government and Small Business Assistance meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Lori Langrell at (909) 396-2530 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to llangrell@aqmd.gov.

AGENDA ITEM #2

**Approval of May 12, 2017 Meeting Minutes
[Attachment 1 – Meeting Minutes]**



South Coast Air Quality Management District

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LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP FRIDAY MAY 12, 2017 MEETING MINUTES

MEMBERS PRESENT:

Ben Benoit, Mayor Pro Tem, City of Wildomar and LGSBA Chairman
Janice Rutherford, Supervisor, Second District, San Bernardino County
Felipe Aguirre
Rachelle Arizmendi, Mayor, City of Sierra Madre
Paul Avila, P.B.A. & Associates
Geoffrey Blake, Metal Finishers of Southern California/All Metals
LaVaughn Daniel, DancoEN
John DeWitt, JE DeWitt, Inc.
Bill LaMarr, California Small Business Alliance
Rita Loof, RadTech International
Eddie Marquez, Paramount Petroleum
Cynthia Moran, Council Member, City of Chino Hills
David Rothbart, Los Angeles County Sanitation District

MEMBERS ABSENT:

Todd Campbell, Clean Energy
Maria Elena Kennedy, Kennedy Communications

OTHERS PRESENT:

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

SCAQMD STAFF:

Derrick Alatorre, Deputy Executive Officer
Laki Tisopulos, Deputy Executive Officer
Jason Low, Assistant Deputy Executive Officer
Fred Minassian, Assistant Deputy Executive Officer
Fabian Wesson, Assistant Deputy Executive Officer/Public Advisor
Andrea Polidori, Atmospheric Measurements Manager, Monitoring
Philip Crabbe, Community Relations Manager
Nancy Feldman, Principal Deputy District Counsel
Elaine-Joy Hills, AQ Inspector II
Lori Langrell, Secretary

Agenda Item #1 - Call to Order/Opening Remarks

Supervisor Janice Rutherford called the meeting to order at 11:30 a.m.

Agenda Item #2 – Approval of April 14, 2017 Meeting Minutes/Review of Follow-Up/Action Items

Supervisor Rutherford called for approval of the April 14, 2017 meeting minutes.

Mr. Bill La Marr inquired regarding his question on RECLAIM facilities subject to an aggregated emissions cap, if there is a plan to de-aggregate these facilities under the program. He doesn't recall any further requests, but merely wanted to know if a phase out is being worked on, and whether or not there is a plan. Dr. Laki Tisopulos suggested the questions be directed to the working group as he is not working on this therefore, cannot provide an answer.

After discussion, the Minutes were approved unanimously.

Agenda Item #3 – Follow Up/Action Items

Mr. Derrick Alatorre indicated there were three action items arising out of the April 14th meeting. The first was to agendize a presentation on the commercial leaf blower program, which will be included in a future meeting. The second was to agendize a presentation on Senate Bill 1, which is being presented today, and lastly to receive information regarding driverless trucks, to which articles are available today as a handout.

Agenda Item #4 – Using Advanced Remote Sensing Technologies to Measure Emissions from Refineries and Other Sources

Dr. Andrea Polidori provided a summary of the results of a two and a half month long measurement campaign aimed at characterizing and qualifying emissions of VOC's, NOx, and SO₂ from refineries, oil wells, treatment facilities, gas stations, and other sources in the South Coast Air Basin.

Mr. John DeWitt asked if refineries were being measured in the South Coast basin only, or all over the world. Dr. Polidori replied the background slide shows refineries all over the world.

Mr. LaMarr inquired, with respect to gas stations and oil wells, if what staff is proposing duplicating what the California Air Resources Board (CARB) has done with vapor recovery or underground storage tanks. Dr. Polidori indicated that the study is about measurements, and the optical remote sensing has been developed throughout the years and is the most commonly used. This was developed by Chevron to measure the actual emissions from these sources.

Mr. LaMarr asked, in the course of measuring, if it impedes with normal operating procedures. Dr. Polidori replied no. Mr. LaMarr further asked if the technology in showing underground leak detection is the same technology used in Aliso Canyon. Dr. Polidori indicated it is not the same but similar.

Mr. DeWitt asked which refinery the presentation referred to. Dr. Polidori replied Tesoro.

Mr. LaMarr inquired regarding VOCs not being created equally, sometimes having abnormalities or being undetected, if these are the same VOCs that end up on mobile sources, and if it would impact rulemaking on stationary sources where VOCs are present. Dr. Tisopulos replied that we are underestimating inventory from seven sectors, we must move forward with our plans, and pay close attention to those higher emissions.

Mr. David Rothbart asked if a problem is found, if it is typical, and how the emissions are estimated. Dr. Tisopulos replied that with oil wells and gas, the vendors get statistical measurements, and extrapolate the rest of the oil wells and gas stations. With respect to the slide comparing refinery emissions from six large refineries, what is being reported to us under conventional methodologies shows a variance, grossly underestimating VOC emissions.

Mr. La Marr inquired if this would change when refineries switch to summer fuel. Dr. Tisopulos replied he does not believe it will vary that much. In 2015, measurements were taken in September, and the measurements taken in 2016 was while refineries were switching fuels.

Mr. Paul Avila asked if the flux sense and camera manufacturers make all the same equipment, and what happens when both companies take measurements with different results. Dr. Polidori indicated it has happened with a difference of about ten points. They all indicated a leak with varying emission rates, but all three were within 20% of each other.

Ms. Rachelle Arizmendi asked what the intent of the data is, and if it is available to the public. Dr. Polidori replied that we are currently building a website, and that the report is about a month old. Dr. Polidori stated that the review period ends Wednesday, May 17, and, for the most part, staff intends to conduct more studies. SCAQMD plans to contract with a flux sense manufacturer who will conduct studies every two weeks for the next two years. The intent is to see if this type of technology can be used as an alarm system for VOC concentration in communities. Dr. Jason Low also commented that we want to get feedback to the facility so they are aware of potential leaks, and they can investigate and make repairs if necessary.

Mr. DeWitt inquired regarding service stations, if there were any sites identified that had installed enhanced vapor recovery equipment. Dr. Polidori indicated measurements were taken at a new Costco station where emissions were minimal, whereas problems were found at older, smaller stations. Dr. Tisopulos also indicated that there is very little correlation between emissions at super large stations, such as Costco, where stations are well-maintained and have minimal emissions. Smaller stations may not have the means to maintain their equipment. Technology like this is fast and allows us and the operator of the source to do repairs on equipment quickly before the leak is out of control.

Mr. La Marr asked if the District is looking at the coatings industry. Dr. Tisopulos indicated that this is not the best technology to measure emissions in this industry.

Agenda Item #5 – FY 2016-17 Carl Moyer Program (CMP) Award

Mr. Fred Minassian provided an overview of the resolution recognizing funds and accepting terms and conditions for FY 2016-17 Carl Moyer Program (CMP) Award and review of Program Announcements for Carl Moyer Program and SOON provision.

Mr. Avila inquired, as most busses have already been upgraded, if the shift is for off-road and tractors. Mr. Minassian replied on-road trucks have converted to CNG, then we went to off-road, marine vessels, tractors, etc. Even with the CNG bus fleet, they can repower or replace engines because the old standard (pre-2010) was at 1.2, which can now be at 0.02. Mr. Avila further asked regarding the upgrade with trains and railroads, what the gray area is. Mr. Minassian r that we have provided \$110 million to replace 40 locomotives from Tier 0 to Tier 4 for the project we are doing with Metrolink, and they are the first commuter rail system in the nation to do that. The remaining money has been provided by

Metrolink bond, and public funds. We are careful with the contract, ensure that the money co-funds what is allowable, and we tailor our contract on a case by case basis.

Mr. LaMarr asked who is in opposition of AB 1274. Mr. Alatorre indicated there is no official opposition, but there are groups with concerns such as car dealers association and smog check stations.

Agenda Item #6 – Senate Bill 1 (Beall) – Transportation Funding

Mr. Philip Crabbe provided an update on the recent passage of Senate Bill 1 (SB 1) the comprehensive statewide infrastructure legislative vehicle, and its potential impacts on South Coast Air Quality Management District.

Mr. Avila asked if there will be a concerned citizen oversight board, or if the money will just go into the general fund. Mr. Crabbe replied it is a constitutional amendment to use for transportation and infrastructure, there is oversight in all, and even local governments must spend money on what it is earmarked for.

Mr. DeWitt inquired whether this includes money for the bullet train. Mr. Crabbe commented he has not seen much regarding the bullet train.

Mr. LaMarr asked pertaining to the retirement of vehicles, if it is commercial or personal. Mr. Crabbe replied commercial.

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

No comments.

Agenda Item #8 - Other Business

Chair Benoit introduced new LGSBA member, Mr. Eddie Marquez, to the advisory group. Mr. Marquez shared the company he is with, and organizations he is involved with.

Ms. Rita Loof inquired about public outreach suggested by staff at the last governing board meeting. Ms. Loof further indicated that the printing industry has requested outreach, and asked what those efforts look like.

***Action Item:** Agendize a presentation on public outreach, and what efforts to the printing industry may look like.*

Chair Benoit commented a presentation on issues with low NOx burners, and outreach to all other people that have those burners, would be good to hear as well.

Agenda Item #9 - Public Comment

No comments.

Adjournment

The meeting adjourned at 12:57 p.m.

AGENDA ITEM #6

Conduct Commercial Leaf Blower Exchange Program

Agenda Item #6

2017 Commercial Leaf Blower
Exchange Program

LGSBA Advisory Group
Vasken Yardemian

Purpose

- Generate cost-effective emission reductions
- Accelerates the turnover of older high-polluting leaf blowers
- Encourage professional gardeners and landscapers to exchange old polluting leaf blowers with new zero or low emission and low noise leaf blowers

2017 Leaf Blower Exchange Program

- Program Announcement on December 2, 2016
- Program approved by Governing Board on April 7, 2017
- Two companies will participate in this year's Program
- Pacific STIHL and Black & Decker
- Provide up to 2,300 zero or low emission/low noise commercial leaf blowers
- Funding to be provided from Rule 2202 Air Quality Investment Program (AQIP) Special Revenue Fund (27), not to exceed \$563,400

Leaf Blowers Exchanged to Date

Year	# of Events	Leaf Blowers Exchanged
2006	6	1,500
2007	6	1,500
2008	10	1,500
2009	11	1,500
2010-11	10	1,500
2012	9	1,500
2013	14	1,500
2014-15	13	1,500
2016	26	1,758
Total	105	13,758

Pacific STIHL

Types of leaf blowers will be offered:

- STIHL BR 500 gasoline-powered
- STIHL BGA 85 battery-powered, AP300 advanced lithium-ion battery, AL300 quick charger
- STIHL BGA 100 battery-powered, AR900 backpack battery, AL500 high-speed charger



Pacific STIHL Leaf Blower Specifications

Leaf Blower Model	BR 500 (gasoline)	BGA 85 (handheld)	BGA 100 (backpack)
HC+NOx Certification Level (g/kW-hr)	16	N/A	N/A
CO Certification Level (gm/kW-hr)	307	N/A	N/A
Noise Rating in dB(A)	65	64	56
Air Velocity (MPH)	181	104	141
Air Volume (CFM)	477	391	494
Weight With Batteries (Lbs.)	22.3	10.8	5.5
# of Batteries Included	N/A	1	1
# of Chargers Included	N/A	1	1
Battery Amp Hour (Ah)	N/A	6.0	23.7
Voltage	N/A	36V	36V
Battery Run Time (Minutes)	N/A	24	130
Warranty Period for Commercial Users (Tool)	2 Yrs.	2 Yrs.	2 Yrs.
Warranty Period for Commercial Users (Battery)	N/A	2 Yrs.	2 Yrs.
Factory Service Centers	120	120	120

Pacific STIHL Leaf Blower Pricing

Blower Model	BR 500 (gasoline)	BGA 85 (handheld)	BGA 100 (backpack)
MSRP	\$ 480	\$ 480	\$ 1,420
SCAQMD Discounted Price	\$ 438	\$ 388	\$ 900
SCAQMD Pays	\$ 188	\$ 188	\$ 400
Customer's Price (+Tax)	\$ 250	\$ 200	\$ 500

Black & Decker

Types of leaf blowers will be offered:

- DeWalt DCBL790X1
battery-powered handheld
40V 7.5 Ah lithium-ion battery
standard charger
- DeWalt DCBL590X2
battery-powered backpack
40V MAX 7.5 Ah lithium-ion 2 batteries
standard charger



Black & Decker Leaf Blower Specifications

Leaf Blower Model - DeWalt	DCBL790X1 (handheld)	DCBL590X2 (backpack)
Noise Rating in dB(A)	67	63
Air Velocity (MPH)	120	142
Air Volume (CFM)	400	450
Weight With Batteries (Lbs.)	11.4	With 1 battery: 22 With 2 batteries: 27
# of Batteries Included	1	2
# of Chargers Included	1	1
Battery Amp Hour (Ah)	7.5	7.5
Voltage	40V	40V
Battery Run Time (Minutes)	27	39
Warranty Period for Commercial Users (Tool)	3 Yrs. Limited 1 Yr. Free Service	3 Yrs. Limited 1 Yr. Free Service
Warranty Period for Commercial Users (Battery)	2 Yrs. Free Service	2 Yrs. Free Service
Factory Service Centers	2	2

Black & Decker - DeWalt Pricing

Blower Model	DeWalt DCBL790X1 (handheld)	DeWalt DCBL590X2 (backpack)
MSRP	\$ 349	\$ 699
SCAQMD Discounted Price	\$ 297	\$ 500
SCAQMD Pays	\$ 147	\$ 250
Customer's Price (+Tax)	\$ 150	\$ 250

Leaf Blowers Exchanges

- 12,000 older gasoline leaf blowers exchanged first 8 program years for newer gasoline models
- In 2016, first introduced battery-electric leaf blowers in addition to offering new gasoline-powered units, exchanging 1,758 units:
 - 1,300 gasoline-powered
 - 458 battery-electric powered
- In 2017, propose to exchange 2,300 units:
 - 1,000 gasoline-powered
 - 1,300 battery-electric powered

2017 Leaf Blower Exchange Program

Registration opens on July 11th
Program will launch in August 2017

- Pacific STIHL – Exchange Events
 - August 14th-August 18th and August 21st – August 24th
 - 18 dealer locations in four counties
- Black & Decker – Exchange Events
 - August 14th – August 31st
 - 2 locations

Outreach

- South Coast AQMD
 - Website
 - Program flyers
 - Distribution to 2,300 enewsletter subscribers
 - E-mails to cities, school districts and interested parties
- Pacific STIHL - 25,000 brochures (22,000 direct mail & 3,000 copies to local distributors)
- Black & Decker -

AGENDA ITEM #6

**Monthly Report on Small Business Assistance Activities
[Attachment 2]**



Small Business Assistance Report on May 2017 Activities

for
LG&SBA Advisory Group Meeting of
6/9/2017

Services Offered – May

■ Permit Application Assistance	249
■ Variance Request Assistance	1
■ On-site Consultations	11
■ Fee Review Committee Request	2
■ 2 Granted (Payment Plan; Permit Correction)	
■ Clearance Letters Issued	98

6/9/2017

May 2017 Report

Permit Assistance – May

- 249 Activities Providing Help with Permit Applications. Examples include:
 - 29 General Contractors/Consultants/Architects
 - 26 Manufacturing Facilities
 - 19 Restaurants
 - 19 Auto Body Shops
 - 14 Dry Cleaners
 - 13 Storage and Distribution
 - 6 Fuel Dispensing Facilities

6/9/2017

May 2017 Report

Activities – May

- Conducted 11 free on-site consultations
 - Auto Body Shops
 - Manufacturers
 - Dry Cleaner
 - Food Production
- Issued 98 Clearance Letters
- Events Attended
 - Diamond Bar High School Advanced Placement Environmental Science Projects Judges
 - Temecula Prep Academy

6/9/2017

May 2017 Report

Dry Cleaner Grants Issued (as of 5/2017)

- Professional Wet Cleaning 136
- CO₂ Machines 4
- Hydrocarbon (discontinued) 488

6/9/2017

May 2017 Report

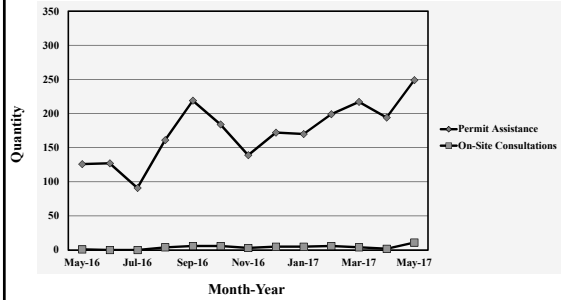
Small Business Activity May 2016 – May 2017

ACTIVITY	Permit Assistance	On-Site Consultations	Variance Assistance	Fee Review Requests	Clearance Letters
May-2016	126	1	0	8	16
Jun-2016	127	0	0	12	22
Jul-2016	91	0	0	9	20
Aug-2016	161	4	1	7	23
Sep-2016	219	6	0	6	16
Oct-2016	184	6	1	5	20
Nov-2016	139	3	0	1	21
Dec-2016	172	5	0	1	13
Jan-2017	170	5	0	5	21
Feb-2017	199	6	0	3	19
Mar-2017	217	4	0	6	35
Apr-2017	194	2	1	3	14
May-2017	249	11	1	2	98
TOTAL	2248	53	4	68	398

6/9/2017

May 2017 Report

Small Business Activity May 2017



6/9/2017

May 2017 Report

INFORMATIONAL ATTACHMENT

2017 Attendance Matrix

LGSBA MATRIX FOR YEAR 2017

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

0/Absent
 1/Attended
 E/Excused

INFORMATIONAL ATTACHMENT

July 7, 2017 Governing Board Meeting Draft Agenda

6/1/2017 10:31 AM

DRAFT

MEETING, JULY 7, 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.

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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

- | | | |
|--|--|----------------------|
| 9833. | Approve Minutes of June 2, 2017 Board Meeting | Garzaro/2500 |
| | | |
| 9789. | Set Public Hearings September 1, 2017 to Consider Adoption of and/or Amendments to SCAQMD Rules and Regulations | Nastri/3131 |
| | | |
| 9860. | Set Public Hearing September 1, 2017 to Adopt Rule 1148.3 –Requirements for Natural Gas Underground Storage Facilities | Nakamura/3105 |
| <p>In October of 2015, the Southern California Gas Company discovered a leak from an injection/withdrawal well at their Aliso Canyon natural gas underground storage facility. In April 2017, CARB adopted a regulation that establishes greenhouse gas emission standards for crude oil and natural gas facilities, including underground storage facilities. Proposed Rule 1148.3 will incorporate provisions from CARB regulation and include additional requirements to provide consistency with existing SCAQMD VOC rules and proactive measures to provide early leak detection. (Review: Stationary Source Committee, July 21, 2017)</p> | | |
| | | |
| 9858. | Set Public Hearing September 1, 2017 to Amend Rule 1168 – Adhesive and Sealant Applications | Fine/2239 |
| <p>The proposed amendments will implement, in part, the 2016 Air Quality Management Plan Control Measure CTS-01-Further Emission Reductions from Coatings, Solvents, Adhesives, and Sealants, which targets a 1 ton per day VOC emission reduction of 1 ton per day by 2023. The amendments include: revision of VOC content limits for various categories; reporting and labeling requirements; clarification of rule language and applicability; language that distinguishes when products are regulated by the California Air Resources Board Consumer Product Regulation versus Rule 1168; harmonization of language and requirements with regulations (state and national) affecting the same products; removal or restriction of certain exemptions; prohibition of Group II exempt compounds as defined in Rule 102. (Review: Stationary Source Committee, July 21, 2017)</p> | | |

9861. Set Public Hearing September 1, 2017 to Amend
Rule 1401 – New Source Review of Toxic Air
Contaminants

Nakamura/3105

In June 2015, Rule 1401 – New Source Review of Toxic Air Contaminants was amended to reference the Revised Office of Environmental Health Hazard Assessment Guidelines. At that time, provisions were included to allow additional time for spray booths and gasoline dispensing facilities to continue to use SCAQMD Risk Assessment Procedures for Rule 1401 and 212 (Version 7.0, July 1, 2005) while staff analyzed the potential impacts. Staff has completed its analysis and is recommending that spray booths and gasoline dispensing stations use the most recent version of the SCAQMD Risk Assessment Procedures. The proposed rule will also update the list of applicable toxic air contaminants. (Review: Stationary Source Committee, July 21, 2017)

Budget/Fiscal Impact

9865. Execute Contract to Develop and Demonstrate Battery Electric
Switcher Locomotive

Miyasato/3249

Emissions from locomotives are projected to increase over the next decade, and development and early commercialization of zero emission locomotive technologies is a critical component for achieving the federal ambient air quality standards. Rail Propulsion Systems is currently developing a zero emission, battery electric switcher locomotive and has partnered with Coast Rail Services, EV Grid, VACON and Tractive Power to demonstrate this technology. Staff proposes to cost-share the project. This action is to execute a contract with Rail Propulsion Systems to develop and demonstrate a zero emission, battery electric switcher locomotive in an amount not to exceed \$210,000 from the Clean Fuels Program Fund (31). (Reviewed: Technology Committee, June 16, 2017; Recommended for Approval)

9845. Recognize and Transfer Funds, Execute Agreements for
Installation of Air Filtration Systems and Reimburse General Fund
for Administrative Costs

Miyasato/3249

The California Attorney General's Office and SSA Terminals are executing a Supplemental Environmental Project (SEP) agreement to install air filtration systems at school(s) in Environmental Justice communities near the Port of Long Beach. Both parties have requested that SCAQMD act as the SEP Implementer for this project. These actions are to recognize up to \$1,250,000 from SSA Terminals into the Air Filtration Fund (75), transfer the same amount as a temporary loan from the Clean Fuels Fund (31) to the Air Filtration Fund (75), and execute an agreement with SSA Terminals for SCAQMD to act as the SEP Implementer for installation of air filtration systems. These actions are to also execute a contract with IQAir North America for installation of air filtration systems in an amount not to exceed \$1,187,500 and reimburse the General Fund for administrative costs up to \$62,500 from the Air Filtration Fund (75). (Reviewed: Technology Committee, June 16, 2017; Recommended for Approval)

9857. Recognize Revenue and Appropriate Funds for Enhanced Particulate Monitoring, NATTS, PAMS, PM2.5, Near-Road NO2 and AQ-SPEC Programs, and Issue Purchase Order

Miyasato/3249

Placeholder. (Reviewed: Administrative Committee, June 9, 2017; Recommended for Approval)

9862. Recognize Revenue and Amend Award to Develop and Demonstrate Fuel Cell Heavy-Duty Truck

Miyasato/3249

In October 2016, the Board recognized up to \$283,495 from the Ports' Technology Advancement Program (TAP) to develop and demonstrate a fuel cell heavy-duty truck with Hydrogenics USA Inc. Subsequently, in April 2017, the Port of Los Angeles advised staff that they would be unable to cost-share the project using TAP funding, but the Port of Long Beach (POLB) remains committed to cost-sharing the project. These actions are to recognize revenue up to \$157,500 from the POLB into the Advanced Technology Goods Movement Fund (61) and amend the award to Hydrogenics USA Inc. to substitute the \$283,495 from the Ports' TAP with \$157,500 from the POLB and \$125,995 from the Clean Fuels Program Fund (31). (Reviewed: Technology Committee, June 16, 2017; Recommended for Approval)

9783. Approve Cargo Handling Equipment Projects Under Proposition 1B-Goods Movement Program

Minassian/2641

On February 3, 2017, the Board approved issuance of a Program Announcement for ships at berth and cargo handling equipment projects under the Proposition 1B-Goods Movement Program. The Program Announcement closed on March 31, 2017. Staff has completed the evaluation of applications and recommends approval of awards for projects involving the replacement of diesel cargo handling equipment with zero emission technology and associated charging infrastructure. This action is to execute contracts for eligible cargo handling equipment projects, subject to CARB's approval, in an amount not to exceed \$2,690,000 from the Proposition 1B-Goods Movement Program Fund (81). (Reviewed: Technology Committee, June 16, 2017; Recommended for Approval)

9868. Recognize Revenue, Approve Awards for School Bus Replacements and Reimburse General Fund for Administrative Costs

Minassian/2641

As part of the Carl Moyer Program, CARB has set aside Fiscal Year 2016-17 (Year 19) State Reserve funds for replacement of school buses that qualify for particulate matter extension under California's On-Road Heavy-Duty Diesel Vehicle Regulation. Under this program, the SCAQMD has been selected by CARB to receive State Reserve funds to fund the replacement of eight older diesel school buses. These actions are to recognize up to \$1,245,867 in State Reserve funds from CARB into the Carl Moyer Program SB 1107 Multidistrict Fund (32) and to replace eight older diesel school buses, as approved by CARB, with new alternative fuel buses up to \$1,168,000 and reimburse the General Fund for administrative costs up to \$77,867 from the Carl Moyer Program SB 1107 Multidistrict Fund (32). (Reviewed: Technology Committee, June 16, 2017; Recommended for Approval)

9855. Transfer Funds, Appropriate Funding, Execute Purchase Orders, Execute Contract and Authorize Release of RFQs for Fifth Multiple Air Toxic Exposure Study

Fine/2239

Since 1987, SCAQMD has conducted four Multiple Air Toxic Exposure Studies to evaluate air toxics health risks in the South Coast Air District. This project is to conduct the fifth Multiple Air Toxic Exposure Study (MATES V) beginning as early as January 2018 to monitor air toxics for a one-year period, conduct air toxics modeling, and quantify the health impacts. These actions are to: 1) transfer \$1,801,200 from the Clean Fuels Program Fund (31) to the General Fund for the MATES V program; 2) appropriate funding to the Science & Technology Advancement and the Planning, Rule Development and Area Sources Budgets over FY 2017-18, 2018-19, and 2019-20 on an as needed basis; 3) execute sole source purchase orders for air toxics monitoring equipment; 4) execute a sole source contract for meteorological network support services; and 5) issue RFQs for the purchase of air toxics samplers and additional laboratory and ambient monitoring and analytical instruments and supplies. Additional expenditures include retaining temporary staff services to support the additional workload. (Reviewed: Administrative Committee, June 9, 2017; Recommended for Approval)

9864. Issue Request for Information to Evaluate Optical Remote Sensing Instruments to Evaluate Emissions from Refinery Flares **Fine/2239**

Flaring from refineries typically occurs from elevated stacks that do not allow placement of monitoring instruments above the emission release point. Emissions are currently evaluated by measuring the inputs into the flare stack and calculating the emissions. Emerging optical remote sensing technologies show promise in evaluating the emissions from flares in real time, thus providing better quantification of emissions, and the potential opportunity for facilities to make adjustments to reduce flaring emissions. This Request for Information is to develop a Request for Proposals for a field demonstration pilot study of optical remote sensing technologies. If it is found that commercially available technologies have not been sufficiently validated for a field demonstration, a Request for Proposals for a validation study will be brought at a later date. This action is to issue a Request for Information to evaluate the state of commercially available optical remote sensing instruments that can evaluate emissions from refinery flares. (Reviewed: Stationary Source Committee, June 16, 2017; Recommended for Approval)

9854. 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, June 9, 2017; Recommended for Approval)

9871. Amend Meal Reimbursements Provisions of SCAQMD's Administrative Code **O'Kelly/2828**

The United States General Services Administration (GSA) establishes per diem rates, which vary by locality, for meal reimbursements. This item proposes amendments to provisions of SCAQMD's Administrative Code regarding meal reimbursements for SCAQMD employees, Board Members, Board Member Consultants, Board Member Assistants, and Hearing Board Members in order to conform to the per diem rates prescribed by the GSA. (Reviewed: Administrative Committee, June 9, 2017; Recommended for Approval)

9869. Amend Contract for Targeted Outreach for The Right to Breathe Video Utilizing YouTube Videos and Banner Ads **Alatorre/3122**

This action is to amend an existing contract with Google for an additional \$250,000 to continue the outreach effort for "The Right to Breathe" video until January 15, 2018. Funding for this effort will come from the BP/ARCO Settlement Project Fund (46). (Reviewed: Administrative Committee, June 9, 2017; Recommended for Approval)

9852. Establish List of Prequalified Counsel to Represent and Advise SCAQMD on Legal Matters Related to Environmental Law and List to Represent and Advise SCAQMD Hearing Board **Wiese/3460**

On March 3, 2017, the Board approved issuance of an RFP to pre-qualify outside counsel having expertise in the California Environmental Quality Act, SCAQMD rulemaking and planning procedures, administrative law and related issues for both the SCAQMD and the SCAQMD Hearing Board. The RFP was issued jointly to limit costs. The evaluation of responding firms has been completed. This action is to establish two lists of prequalified counsel—one to represent the SCAQMD in environmental law matters and one to represent the SCAQMD Hearing Board. (Reviewed: Administrative Committee, May 12, 2017; Recommended for Approval)

9815. Approve Contract Awards and Modifications Approved by MSRC **Pettis**

Items XX through XX - Information Only/Receive and File

9825. Legislative, Public Affairs and Media Report **Alatorre/3122**

This report highlights the May 2017 outreach activities of the Legislative, Public Affairs and Media Office, which include: Environmental Justice Update, Community Events/Public Meetings, Business Assistance, Media Relations, and Outreach to Business, Federal, State, and Local Government. (No Committee Review)

9724. Report to Legislature and CARB on SCAQMD's Regulatory Activities for Calendar Year 2016 **Alatorre/3122**

The SCAQMD is required by law to submit a report to the Legislature on its regulatory activities for the preceding calendar year. The report is to include a summary of each rule and rule amendment adopted by SCAQMD, number of permits issued, denied, or cancelled, emission offset transactions, budget and forecast, and an update on the Clean Fuels program. Also included is the Annual RECLAIM Audit Report, as required by RECLAIM Rule 2015: Backstop Provisions. (No Committee Review)

9842. Hearing Board Report **Camarena/2500**

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

9866. Civil Filings and Civil Penalties Report

Wiese/3460

This reports the monthly penalties from May 1 through May 31, 2017, and legal action filed by the General Counsel's Office from May 1 through May 31, 2017. An Index of District Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, June 16, 2017)

9800. 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)

9853. 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, June 9, 2017; Recommended for Approval)

XX. Items Deferred from Consent Calendar

BOARD CALENDAR

9648. Administrative Committee (Receive & File)

Chair: Burke Nastri/3131

9872. Special Administrative Committee

Nastri/3131

9820. Legislative Committee

Chair: Mitchell Alatorre/3122

9774. Mobile Source Committee (Receive & File)

Chair: Parker Fine/2239

9846. Stationary Source Committee (Receive & File)

Chair: Benoit Tisopulos/3123

9587. Technology Committee (Receive & File)

Chair: Buscaino Miyasato/3249

9834. Mobile Source Air Pollution Reduction Review Committee (Receive & File)

Board Liaison: Benoit Minassian/2641

9840. California Air Resources Board Monthly Report (Receive & File) Board Rep: Mitchell Garzaro/2500

9844. California Fuel Cell Partnership Executive Board Meeting Agenda and Quarterly Updates Miyasato/3249

This report provides the California Fuel Cell Partnership Executive Board Agenda for the meeting held April 25, 2017, and provides updates for quarters beginning October 2016 and January 2017. (Reviewed: Technology Committee, June 16, 2017)

PUBLIC HEARINGS

9863. Amend Rule 1118 – Control of Emissions from Refinery Flares Fine/2239

Refineries are required to minimize their flaring under Rule 1118. Recent significant flaring events at some local refineries have shown that additional actions are needed to further reduce flaring emissions. PAR 1118 will incorporate parts of U.S. EPA's recently updated Refinery Sector Rule that prohibits the frequency of certain flaring events. PAR 1118 will also require facilities to prepare a Scoping Document to evaluate the feasibility of reducing or avoiding flaring events, update emission factors based on recent U.S. EPA guidance, remove the annual cap on mitigation fees paid for flaring, enhance current reporting requirements, and other administrative updates. This action is to adopt the resolution: 1) Certifying the Notice of Exemption for Proposed Amended Rule 1118 – Control of Emissions from Refinery Flares; 2) Amending Rule 1118 – Control of Emissions from Refinery Flares; and 3) Authorizing the Executive Officer to allocate up to \$100,000 from the Rule 1118 Mitigation Fund (54) to one of the Board-approved software development contractors to update the web notification system. (Reviewed: Stationary Source Committee, June 16, 2017)

9807. Adopt Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminants Nakamura/3105

Proposed Rule 1466 establishes requirements to minimize fugitive particulate matter emissions from earth-moving activities at sites that the U.S. EPA, California Department of Toxics Substances Control, State Water Resources Control Board, or Regional Water Quality Control Board have determined that the soil contains arsenic, asbestos, cadmium, hexavalent chromium, lead, mercury, nickel, or polychlorinated biphenyl(s) that exceed levels of concern. Proposed Rule 1466 also includes criteria that allows the Executive Officer to identify sites that would be applicable to Proposed Rule 1466. The proposal will require monitoring of PM10 levels, dust control measures, notification to the SCAQMD when these activities are occurring and exceedance of the PM10 levels, and recordkeeping and signage requirements for the sites. This action is to adopt the resolution: 1) Certifying the Final Environmental Assessment for Proposed Rule 1466 - Control of Particulate Emissions from Soils with Toxic Air Contaminants; and 2) Adopting Rule 1466 - Control of Particulate Emissions from Soils with Toxic Air Contaminants. (Reviewed: Stationary Source Committee, May 19, 2017)

9809. Approve Supplemental Reasonably Available Control Measures/Reasonably Available Control Technology Analysis for 2006 24-hour PM2.5 and the 2008 8-hour Ozone Standards Fine/2239

The U.S. EPA disapproved the Reasonably Available Control Measures (RACM)/Reasonably Available Control Technology (RACT) demonstration for the 2006 24-hour PM2.5 standard and proposed to disapprove the RACT demonstration for the 2008 8-hour ozone standard based on a determination that the RECLAIM program does not achieve NOx emission reductions equal to those expected from the direct application of RACT on all major NOx sources in South Coast. A supplemental analysis demonstrates that the NOx allocations in the RECLAIM program are equivalent, in the aggregate, to RACT emission levels imposed on affected sources in the South Coast and Coachella Valley. This action is to seek Board approval of the supplemental RACM/RACT analysis for submittal to CARB for its approval and to submit to U.S. EPA for inclusion in the SIP. (Reviewed: Stationary Source Committee, May 19, 2017)

9856. 2016 Annual Report on AB 2588 Air Toxics Hot Spots Program Nakamura/3105

The Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) requires local air pollution control districts to prepare an annual report. The report provides the public with information regarding the SCAQMD's programs to reduce emissions of toxic air contaminants (TACs) and this annual update describes the various activities taken in 2016 to satisfy the requirements of AB 2588 and Rule 1402, such as quadrennial emissions reporting and prioritization, and the preparation and review of Health Risk Assessments, Voluntary Risk Reduction Plans and Risk Reduction Plans. This report also provides a summary of additional SCAQMD activities related to TACs, such as toxics rulemaking, toxics emissions inventory development and auditing, monitoring the MATES IV study, and permitting. (Reviewed: Stationary Source Committee, June 16, 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

ADJOURNMENT

****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

AQIP = Air Quality Investment Program

AQMP = Air Quality Management Plan

AVR = Average Vehicle Ridership

BACT = Best Available Control Technology

Cal/EPA = California Environmental Protection Agency

CARB = California Air Resources Board

CEMS = Continuous Emissions Monitoring Systems

CEC = California Energy Commission

CEQA = California Environmental Quality Act

CE-CERT = College of Engineering-Center for Environmental
Research and Technology

CNG = Compressed Natural Gas

CO = Carbon Monoxide

CTG = Control Techniques Guideline

DOE = Department of Energy

EV = Electric Vehicle

FY = Fiscal Year

GHG = Greenhouse Gas

HRA = Health Risk Assessment

LEV = Low Emission Vehicle

LNG = Liquefied Natural Gas

MATES = Multiple Air Toxics Exposure Study

MOU = Memorandum of Understanding

MSERCs = Mobile Source Emission Reduction Credits

MSRC = Mobile Source (Air Pollution Reduction) Review
Committee

NATTS = National Air Toxics Trends Station

NESHAPS = National Emission Standards for
Hazardous Air Pollutants

NGV = Natural Gas Vehicle

NOx = Oxides of Nitrogen

NSPS = New Source Performance Standards

NSR = New Source Review

OEHA = Office of Environmental Health Hazard
Assessment

PAMS = Photochemical Assessment Monitoring
Stations

PAR = Proposed Amended Rule

PEV = Plug-In Electric Vehicle

PHEV = Plug-In Hybrid Electric Vehicle

PM10 = Particulate Matter \leq 10 microns

PM2.5 = Particulate Matter \leq 2.5 microns

PR = Proposed Rule

RECLAIM = Regional Clean Air Incentives Market

RFP = Request for Proposals

RFQ = Request for Quotations

SCAG = Southern California Association of Governments

SIP = State Implementation Plan

SOx = Oxides of Sulfur

SOON = Surplus Off-Road Opt-In for NOx

SULEV = Super Ultra Low Emission Vehicle

TCM = Transportation Control Measure

ULEV = Ultra Low Emission Vehicle

U.S. EPA = United States Environmental Protection
Agency

VOC = Volatile Organic Compound

ZEV = Zero Emission Vehicle

INFORMATIONAL ATTACHMENT

Rule and Control Measure Forecast

BOARD MEETING DATE: June 2, 2017

AGENDA NO. 17

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 Nastri
Executive Officer

PMF:SN:AFM:RM

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.

July	Title and Description	Type of Rulemaking
1118 ⁺	Control of Emissions from Refinery Flares 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. <i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other
1466	Toxic Air Contaminant Emissions from Decontamination of Soil Proposed Rule 1466 will establish requirements to control toxic particulate emissions from activities involving storing, handling and transporting soils during soil decontamination activities. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i>	Toxics

2017 MASTER CALENDAR (continued)

September	Title and Description	Type of Rulemaking
1148.3	Requirements for Underground Gas Storage Proposed Rule 1148.3 will establish requirements to address public nuisance and VOC emissions from underground natural gas storage facilities. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other
1168	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>Michael Krause 909.396.2706 CEQA and Socio: Jillian Wong 909.396.3176</i>	AQMP
1401	New Source Review of Toxic Air Contaminants Amendments will update requirements for gas stations and paint booths, and will consider additional administrative changes. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i>	Toxics
2202	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 and Socio: Jillian Wong 909.396.3176</i>	Other
October		
415*	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 and Socio: Jillian Wong 909.396.3176</i>	Other
Reg. IX Reg. X	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. <i>Carol Gomez 909.396.3264 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other

2017 MASTER CALENDAR (continued)

October (continued)	Title and Description	Type of Rulemaking
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. <i>Susan Nakamura 909.396.3105 CEQA and 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 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. <i>Michael Krause 909.396.2706 CEQA and 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. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other
1420	<p>Emission Standard for Lead 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. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
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. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Toxics

2017 MASTER CALENDAR (continued)

December		
1153.1	Emissions of Oxides of Nitrogen from Commercial Food Ovens Rule 1153.1 was adopted in November 2014 and established NOx emission limits for various types of existing commercial food ovens on a specified compliance schedule. Amendments may be necessary to address applicability and technological feasibility of low-NOx burner technologies for new commercial food ovens. <i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other
1410*	Hydrogen Fluoride Use at Refineries Proposed Rule 1410 will establish requirements for use of hydrogen fluoride at refineries. <i>Michael Krause 909.396.2706 CEQA and Socio: Jillian Wong 909.396.3176</i>	Toxics
1426*	Emissions from Metal Finishing Operations Proposed amendments to Rule 1426 will establish requirements to reduce nickel, cadmium and other air toxics from plating operations.	Toxics
1469*	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 and Socio: Jillian Wong 909.396.3176</i>	Toxics
1445	Control of Toxic Emissions from Laser Arc Cutting Proposed Rule 1445 will establish requirements to reduce toxic metal particulate emissions from laser arc cutting. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i>	Toxics

2017 MASTER CALENDAR (continued)

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 and Socio: Jillian Wong 909.396.3176</i></p>	Other
223	<p>Emission Reduction Permits for Large Confined Animal Facilities Proposed Amended Rule 223 will seek additional emission reductions from large confined animal facilities by lowering the applicability threshold.</p> <p><i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
224	<p>Incentives for Super-Compliant Technologies Proposed Rule 224 will outline strategies and requirements to incentivize the development, establishment and use of super-compliant technologies. It may be considered as a part of Rule 219 amendments or proposed as a separate incentive.</p> <p><i>Tracy Goss 909.396.3106 CEQA and 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 and Socio: Jillian Wong 909.396.3176</i></p>	Other
430	<p>Breakdown Provisions This rule will be amended or replaced to address specific issues raised by U.S. EPA regarding start-ups or shutdowns associated with breakdowns.</p> <p><i>Tracy Goss 909.396.3106 CEQA and 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 align="center">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.</p> <p align="right"><i>Philip Fine 909.396.2239 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	<p align="center">Other</p>
<p align="center">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.</p> <p align="right"><i>Philip Fine 909.396.2239 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	<p align="center">AQMP</p>
<p align="center">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.</p> <p align="right"><i>Philip Fine 909.396.2239 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	<p align="center">Other</p>

2017 MASTER CALENDAR (continued)

2017 To- Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
<p align="center">1111</p> <p align="center">1111.1</p>	<p>Reduction of NO_x Emissions from Natural Gas Fired, Fan-Type Central Furnaces</p> <p>Rule 1111 may be amended to address compliance challenges.</p> <p>Reduction of NO_x Emissions from Natural Gas Fired Commercial Furnaces (CMB-01)</p> <p>Proposed Rule 1111.1 will establish equipment-specific nitrogen oxides emission limits and other requirements for the operation of commercial space heaters.</p> <p align="right"><i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	<p align="center">AQMP</p>
<p align="center">1123⁺</p>	<p>Refinery Process Turnarounds (MCS-03)</p> <p>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 align="right"><i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	<p align="center">AQMP</p>
<p align="center">1135</p>	<p>Emissions of Oxides of Nitrogen from Electric Power Generating Systems</p> <p>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 align="right"><i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	<p align="center">Other</p>

2017 MASTER CALENDAR (continued)

2017 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1136 ^{*,+} 1450 [*]	<p>Wood Products Coatings (CTS-02) Amendments may be proposed to existing rule limits and other provisions.</p> <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 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP Toxics
1142	<p>Marine Tank Vessel Operations Revisions to Rule 1142 are proposed to address VOC emissions from marine tank vessel operations and provide clarifications.</p> <p><i>Ian MacMillan 909.396.3244 CEQA and 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.</p> <p><i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other
1148.1 1148.2	<p>Oil and Gas Production Wells</p> <p>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.</p> <p><i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other
1150.1	<p>Control of Gaseous Emissions from Municipal Solid Waste Landfills Proposed amendments will address U.S. EPA revisions to the 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 and 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
1151	<p>Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations</p> <p>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.</p> <p><i>Philip Fine 909.396.2239 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other
1173 ⁺	<p>Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants</p> <p>Proposed revisions to Rule 1173 are being considered based on recent U.S. EPA Regulations and CARB's oil and gas regulations.</p> <p><i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other
1177 ⁺	<p>Liquefied Petroleum Gas Transfer and Dispensing (2012 AQMP FUG-02)</p> <p>Potential amendments may be proposed to include additional sources of emissions from the dispensing and transfer of LPG.</p> <p><i>Philip Fine 909.396.2239 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1188 ⁺	<p>VOC Reductions from Vacuum Trucks (FUG-01)</p> <p>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 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1190, 1191, 1192, 1193, 1194, 1195, 1196, and 1186.1	<p>Fleet Vehicle Requirements</p> <p>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 and 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
<p>1304.2</p> <p>1304.3</p>	<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</p> <p>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 and Socio: Jillian Wong 909.396.3176</i></p>	<p>Other</p> <p>Other</p>
<p>1470*</p>	<p>Requirement for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines at Sensitive Receptors</p> <p>The proposal would address new and existing small (≤ 50 brake horsepower) diesel 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 of alternative power sources that are substantially less polluting.</p> <p><i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	<p>Toxics</p>
<p>Reg. XVI</p>	<p>Mobile Source Offset Programs</p> <p>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 and Socio: Wong 909.396.3176</i></p>	<p>Other</p>

2017 MASTER CALENDAR (continued)

2017 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
Reg. XVII	<p>Prevention of Significant Deterioration Proposed amendments to Regulation XVII will align the SCAQMD's Prevention of Significant Deterioration program with federal requirements.</p> <p><i>Carol Gomez 909.396.3264 CEQA and 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 and 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 and Socio: Jillian Wong 909.396.3176</i></p>	Other
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 in the 2016 AQMP. 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 and 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
Reg. XXV	<p>On-Road and Off-Road Mobile Source Credit Generation Programs</p> <p>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 align="right"><i>Henry Hogo 909.396.3184 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
Reg. XXVII	<p>Climate Change</p> <p>Changes may be needed to Regulation XXVII to add or update protocols for GHG reductions, and other changes.</p> <p align="right"><i>Philip Fine 909.396.2239 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other
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 Clean Communities Plan (CCP) or 2016 AQMP to reduce toxic air contaminants or reduce exposure to air toxics from stationary, mobile, and area sources. Rule amendments may include updates to provide consistency with CARB Statewide Air Toxic Control Measures or U.S. EPA’s National Emission Standards for Hazardous Air Pollutants.</p>	Other