



South Coast Air Quality Management District



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

LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP MEETING

Advisory Group Members

Mayor Ben Benoit, Chair
Janice Rutherford, Supervisor, Second District
Felipe Aguirre
Rachelle Arizmendi
Paul Avila
Geoffrey Blake
Todd Campbell
LaVaughn Daniel
John DeWitt
Maria Elena Kennedy
Bill LaMarr
Rita Loof
Eddie Marquez
Cynthia Moran
David Rothbart

**Friday, March 9, 2018 ♦ 11:30 a.m. ♦ Conference Room GB
21865 Copley Drive, Diamond Bar, CA 91765**

*Call-in for listening purposes only is available by dialing:
Toll Free: 888-850-4523*

Listen Only Passcode: 2626876

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

AGENDA

CALL TO ORDER

ACTION ITEMS (Items 1 through 3):

1. Call to Order/Opening Remarks
(*No Motion Required*)
2. Approval of February 9, 2018 Meeting Minutes
(*Motion Required*)
[Attachment 1]

*Mayor Ben Benoit
Committee Chair*

Ben Benoit

3. Review of Follow-Up/Action Items

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

DISCUSSION ITEMS (Items 4 through 6):

4. AB 134 & Carl Moyer Activities
(No Motion Required)

*Staff will provide information regarding the adoption of AB 134 to fund community air quality projects, specifically clean vehicle and port investments, and an update on Carl Moyer activities.
[Attachment 2]*

*Vicki White,
Technology Implementation
Manager,
Science & Technology
Advancement*

5. Update on New Source Review (NSR)
(No Motion Required)

*Staff will provide the status of Regulation XIII – New Source Review in meeting federal NSR requirements.
[Attachment 3]*

*Laki Tisopulos,
Deputy Executive Officer,
Engineering & Permitting*

6. Update on SCAG's Regional Transportation Plan/Sustainable Communities Strategies (RTP/SCS)
(No Motion Required)

*SCAG staff will present on the RTP/SCS including details on environmental mitigation, goods movement, and transit.
[Attachment 4]*

*Rongsheng Luo,
Program Manager II,
Southern California Associated
Governments*

WRITTEN REPORT:

7. **Monthly Report on Small Business Assistance Activities**
(No Motion Required)

*Summary of assistance and outreach activities conducted by SCAQMD's Small Business Assistance Office for February 2018.
[Attachment 5 - Written Report]*

All

OTHER MATTERS:

8. Other Business

Any member of this body, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Govt. Code Section 54954.2)

9. **Public Comment Period**

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 the Legislative Committee's authority. Speakers may be limited to three (3) minutes each.

10 **Next Meeting Date -** Friday, April 13, 2018 at 11:30 a.m.

ADJOURNMENT

Document Availability

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the 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 Legislative Committee meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Elaine Hills at (909) 396-2945 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to ehills@aqmd.gov.



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LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP FRIDAY, FEBRUARY 9, 2018 MEETING MINUTES

MEMBERS PRESENT:

Felipe Aguirre
Rachelle Arizmendi, Mayor Pro Tempore, City of Sierra Madre
Paul Avila, P.B.A. & Associates
Geoffrey Blake, Metal Finishers of Southern California
Todd Campbell, Clean Energy
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:

Ben Benoit, Mayor Pro Tem, City of Wildomar and LGSBA Chairman
Janice Rutherford, Supervisor, Second District, San Bernardino County
Maria Elena Kennedy, Kennedy Communications

OTHERS PRESENT:

Mark Abramowitz, Board Member Consultant (*Lyou*)
David Czamanske, Board Member Consultant (*Cacciotti*)
Andrew Silva, San Bernardino County Administrative Office

SCAQMD STAFF:

Derrick Alatorre, Deputy Executive Officer
Fabian Wesson, Asst. Deputy Executive Officer/Public Advisor
Nancy Feldman, Principal Deputy District Counsel
Philip Fine, Ph.D., Deputy Executive Officer
Mike Morris, Program Supervisor
Elaine-Joy Hills, AQ Inspector II
Lori Langrell, Secretary
Jessica Chavez, Sr. Office Assistant
De Groeneveld, Sr. Information Technology Specialist

Agenda Item #1 - Call to Order/Opening Remarks

Mr. Derrick Alatorre called the meeting to order at 11:34 a.m.

Mr. Paul Avila recently met with the city manager of West Covina and a developer working on a project at BKK landfill. Mr. Avila ask if there was any activity of monitoring by SCAQMD. Mr. Alatorre replied that the facility was a superfund site, they went bankrupt so the Department of Toxic Substances Control (DTSC) and the federal Environmental Protection Agency (EPA) took over monitoring. However, the monitoring is not so much air, but soil and water. Mr. Alatorre indicated that he is not sure of any involvement, but he will check.

Action Item: Verify SCAQMD's involvement with BKK landfill monitoring.

Mr. Avila inquired if there is a separate committee for refineries. Mr. Alatorre responded that there is a committee made up of Governing Board Members.

Agenda Item #2 – Approval of December 8, 2017 Meeting Minutes/Review of Follow-Up/Action Items

Mr. Alatorre called for approval of the December 8, 2017 meeting minutes. The minutes were approved unanimously.

Agenda Item #3 – Follow Up/Action Items

Mr. Alatorre indicated there were no action items that arose out of the December 8, 2017 meeting.

Agenda Item #4 – Adoption of Local Government & Small Business Assistance Advisory Group 2017 Accomplishments/2018 Goals & Objectives

Mr. Alatorre presented the 2017 Accomplishments/2018 Goals & Objectives to the group for adoption.

Ms. Rita Loof advised that she recently attended a symposium at Los Angeles County Sanitation District (LACSD) consisting of industry and the public, which was regarding the availability of chromium free and hexavalent chrome free materials. Ms. Loof suggested, that in light of Rule 1469, the District host an informational event, especially for small businesses, to have some information about the availability of options, and information about what funding is available to help comply with rules. Mr. Alatorre replied that since events are outside the purview of the LGSBA Advisory Group, he can recommend this idea to Dr. Philip Fine, and that it is more in line with what planning could help partner. Mr. Rothbart indicated that the event was from a different department at LACSD. He discussed it with his former boss heading that department, Mr. David Snyder, and Dr. Fine is providing a presentation on AB 617 to that group on Tuesday so there is already some coordination making it easy to hold a special event. Mr. Alatorre requested for Mr. Snyder's contact information.

Mr. Rothbart recommended that rather than staff doing presentations, if there is anything the group can provide as a sounding board for upcoming issues or be more involved in the process. The group can provide a resource to staff.

The 2017 Accomplishments/2018 Goals & Objectives were adopted unanimously as amended.

Agenda Item #6 –Proposed Amended Rule 1420 Emissions Standard for Lead

Mr. Mike Morris provided an overview on the proposal to amend Rule 1420 to ensure compliance with the lead National Ambient Air Quality Standards and establish additional requirements for lead emitting sources.

Mr. Bill LaMarr asked who decides when monitoring is required and as a business owner, should he expect an invoice for thousands of dollars because SCAQMD decided that monitoring was necessary. Mr. Morris replied no, that this particular rule does not work that way. If there is evidence through monitoring that there may be an issue at a facility, the rule process is that we would notify the facility of the issue, give them time to respond back with any type of evidence they would like to provide, and then staff would make the determination to go back to the facility to ascertain if monitoring is required or not.

Mr. LaMarr stated that depending on the quantity that the monitoring might detect, it may be a cumulative impacts situation where there may be a facility in one place, a metal grinder on the opposite corner, and another facility on a third corner. Mr. LaMarr asked if the cost of the monitoring would be distributed evenly according to the findings. Mr. Morris indicated that cumulative impacts have been an issue, not just for smaller lead facilities, but also the larger ones. Monitoring is done upwind/downwind to try to triangulate what the source is. In that case, if we do make the determination that a facility is the source of the lead emissions, we would be confident to say that they should start doing the monitoring. Otherwise, it would be incumbent upon the District to do further monitoring until we can triangulate the source.

Mr. Avila asked what the cost of the source testing is, and Mr. Morris indicated that for a single metal facility, it is approximately \$6-\$10,000.00. Mr. Avila further asked regarding the recordkeeping variable, if it is primarily for the smaller lead producers. Mr. Morris responded that our threshold for a small lead facility is two tons, and we have found that the vast majority of our facilities are below two tons. Those facilities have to demonstrate that they are below two tons, which is what the recordkeeping is for, and they do the housekeeping, including sweeping, keeping debris in closed containers, and not spreading lead dust piles.

Mr. Avila requested for a brief explanation of lead dust, and further asked if it is heavier than normal dust and can it be seen. Mr. Morris replied yes to both questions. He indicated that it is naturally heavy, and is used for fishing weights, tire weights, and scuba diving. It is a visible, silvery, gray material.

Agenda Item #5 –AB 617 Community Identification Process

Dr. Philip Fine summarized the requirements and program elements for AB 617, including the identification of communities for monitoring.

Ms. Rita Loof asked if the focus is on toxic air emissions. Dr. Fine replied equal weight will be given to toxics and criteria pollutants, but our District will involve more toxics. Ms. Loof further asked if there will be a Best Available Control Technology for Toxics (TBACT) component on this clearinghouse. Dr. Fine responded yes, that CARB is working on it and it will be a BACT/Best Available Retrofit Control Technology (BARCT) for, not only criteria pollutants, but also for toxics, called T-BARCT. Dr. Fine indicated that the statewide clearinghouse is just informational to see what other districts have done, and it will not require them to adopt all of the components.

Mr. Eddie Marquez stated that staff provided information regarding AB 1647, which cross-referenced laws and monitoring, and asked if this will be discussed today. Dr. Fine indicated that the presentation

is not specifically on that, but there is overlap with community monitoring that will be performed; however, how it all comes together will still be a part of the process.

Mr. Felipe Aguirre stated that he attended a conference where SCAQMD promoted low-cost monitors, and asked if these are going to be part of this process. Dr. Fine replied, yes; however, going back to the previous question, if this program focuses on toxics versus criteria pollutants or particulate matter (PM), these monitors have proved to be good at PM, ok at ozone, but, to date, nothing has been found that is great for toxics. At this point, we are stuck with traditional methods or maybe very expensive methods. Mr. Aguirre inquired if the monitors are certified, if SCAQMD is certifying that the monitors are accurate, and if there is a process where the monitors can be utilized in a legal manner. Dr. Fine indicated that currently we have the Air Quality Sensor Performance Evaluation Center (AQ-SPEC) program, a whole center where the sole goal is to test all the commercially available, low-cost sensors on the market, and present the results. It is not yet a certification program and it is only certified if it is operated a certain way, calibrated a certain way, and maintained at a certain way, which is much harder to do with these low-cost sensors.

Mr. Alatorre indicated that staff has presented on AQ SPEC, and asked if the group would be interested in a lab tour here at the District, which includes the AQ SPEC and can be agendaized for a future meeting. The group responded yes.

***Action Item:** Agendaize tour of SCAQMD laboratory.*

Mr. Todd Campbell asked if staff will rely more heavily on MATES II or MATES studies to determine where the toxic concentrations are throughout the District. Dr. Fine pointed out that he will discuss community identification in subsequent slides, and stated that a lot of equipment used in MATES studies are established EPA, CARB or SCAQMD methods.

Mr. LaMarr mentioned that CARB released a concept paper for AB 617, a community identification program framework, and according to CARB's timeline, air districts are encouraged to do much of the work. However, they refer to it as recommendations and it appears that Dr. Fine is presenting it as an implementation. Mr. LaMarr asked if staff is getting ahead of CARB, as they are looking at September 2018 to accumulate input from air districts, communities and other stakeholders for the next element of their plan. He further asked how staff would know that there is not going to be any duplication or redundancies. Dr. Fine responded that he has not mentioned any implementation on our part. Previous to October 2018 is their deadline to set up those statewide structures and documents. All we're doing before then, is identifying communities, and the districts proposed that the districts be allowed to do the outreach and put together the district-level priorities for the communities. Dr. Fine stated that this is our immediate task, which will eventually take the form of a report, adopted by our Governing Board, and then sent on to CARB for their consideration.

Mr. Rothbart indicated that, on the process for ranking with CARB, the process included a criteria for notice of violations (NOVs). Mr. Rothbart is concerned that there is more emphasis on enforcement, and asked if a facility had a minor issue that is not emission-related, if this should be placed in the same boat that is a concern to the community. Dr. Fine replied that staff also has concerns with that as a metric. It is being looked at in two ways: as a criteria for community selection and a criteria for measuring progress. There are concerns for both. The metric of enforcement should not be the number of NOVs issued. If people are complying, that's good. In terms of identifying, it's very difficult to compare cross-communities and cross-sources because we don't issue NOVs for mobile sources. You

could have a very impacted community where there are no NOV's or there could be one facility with many NOV's in another community, but are not emissions-related. Dr. Fine indicated that staff is working very closely with CARB. Mr. Rothbart further asked if this is going towards a popularity contest versus having actual, factual data saying this area is impacted and quantified. Dr. Fine responded that staff is trying to make sure the CARB framework is specific enough on the types of criteria to look at in the process that they satisfy the legal requirements, and it has enough flexibility for local districts to consider their own criteria.

Ms. Loof asked regarding the capital cost of monitoring equipment, if the District is going to absorb the cost or if the communities or businesses in those communities are going to be responsible for providing the cost. Dr. Fine replied that the 10.7 million that the District received is partly going to new staffing, and will allow for equipment purchases. Rule 1180 has State law requirements that refinery facilities are going to pay for community monitoring, and conduct their own fence line monitoring so there are some cost recovery.

Mr. Alatorre announced that there will be several community meetings in the near future, and staff will email the flyer out to the LGSBA members with the dates and locations.

***Action Item:** Provide LGSBA members with the flyer regarding community meetings.*

Ms. Loof asked if businesses would have the ability to apply for funding, or if it would be something that would go through the air district, who will then allocate it to the business. Dr. Fine responded that staff does not know yet, and it is not in the budget currently. Dr. Fine explained that the way the program works is that some funding would go to CARB and some would go to the District, depending on the competitive bids.

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

No comments.

Agenda Item #8 - Other Business

Mr. Alatorre announced that there will be a community presentation regarding air pollution and AB 617 on Wednesday, February 21, 2018 at the Coachella Valley Mosquito and Vector Control District in Indio. SCAQMD is co-hosting the event with IVAN Coachella, which is an Environmental Justice group.

Agenda Item #9 - Public Comment

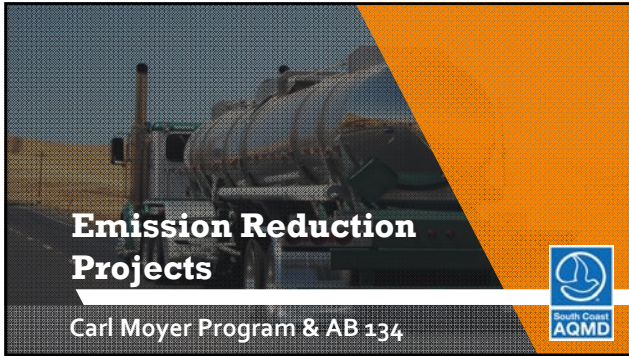
No comments.

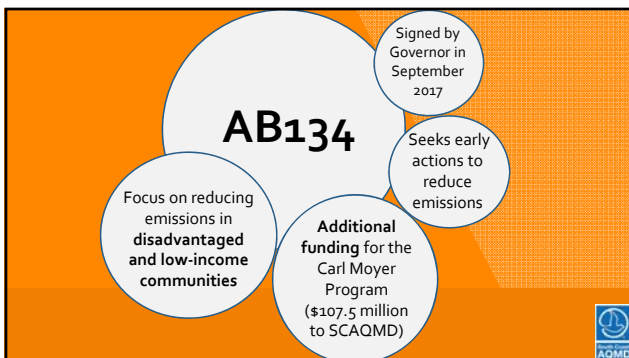
Agenda Item #10 – Next Meeting Date

The next regular Local Government & Small Business Assistance Advisory Group meeting is scheduled for Friday, March 9, 2018 at 11:30 a.m.

Adjournment

The meeting adjourned at 12:45 p.m.





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Carl Moyer Program Background

- ▶ This year marks the 20th anniversary
- ▶ A voluntary grant program
- ▶ Reduces air pollution from diesel-fueled **heavy-duty vehicles and equipment**
- ▶ Provides funding to **replace older engines, vehicles or equipment** with cleaner models


South Coast AQMD

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Carl Moyer Program Funding



- SCAQMD awards about \$30 million each year to projects that reduce emissions
 - This funding level is insufficient to fund all projects
- More than 50% of Carl Moyer funds are used to reduce emissions in disproportionately impacted areas



5

Carl Moyer Project Types

On-Road



6

Carl Moyer Project Types

Off-Road



7

Carl Moyer Project Types

Infrastructure (new)

8

Early Action Projects

Last year's Carl Moyer Program received \$51 million in additional eligible projects

Projects include:

- > "Zero" emission transit buses
- > Drayage trucks, refuse collection vehicles, food delivery trucks – 90% cleaner than current standards
- > Off-road equipment - cleanest equipment available

88% are located in disadvantaged and low-income communities

9

AB 134 Projects

Legend

- AB 134 Projects
- Disadvantaged and Low-income Communities
- SCAQMD Boundaries

0 10 20 40 Miles

10

Project Selection

Projects must meet criteria in **Carl Moyer Program Guidelines**

Disadvantaged and low-income communities receiving at least 80% of funding



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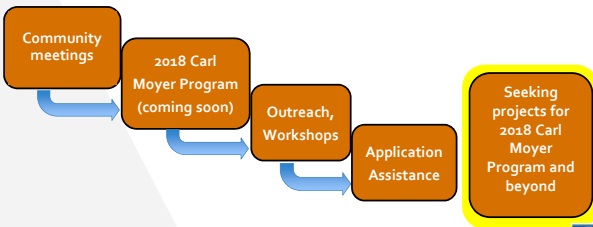
2018 Proposed Schedule

Carl Moyer Program Announcement (Open)	Mar 2, 2018
Workshops (Application Assistance)	April-May 2018
Program Announcement (Close)	Jun 5, 2018 (4pm)
Evaluation of Projects	Jun-Sept 2018
Awards Considered by Board	Oct 6, 2018




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Next Steps



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graph LR; A[Community meetings] --> B[2018 Carl Moyer Program (coming soon)]; B --> C[Outreach, Workshops]; C --> D[Application Assistance]; D --> E[Seeking projects for 2018 Carl Moyer Program and beyond];
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Upcoming Community Meetings

Date/Time	Location	Address
March 13, 2018, 6pm	Wilmington Senior Center	1371 Eubank Ave. Wilmington, CA 90744
March 27, 2018, 6pm	Riverside County Admin. Center	4080 Lemon St. Riverside, CA 92501
April 10, 2018, 6pm	San Manuel Gateway College, Loma Linda Univ.	250 S. G Street San Bernardino, CA 92410
April 27, 2018, 6pm	Brookhurst Community Center	2271 W. Crescent Ave. Anaheim, CA 92801

Hosted by SCAQMD 

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Summary

- AB 134 provides immediate funding for projects that will reduce emissions in environmental justice communities
 - \$51 million in eligible projects "ready to go"
- Seeking project ideas for the 2018 Carl Moyer Program
- Input on future projects as additional funding becomes available

ATTACHMENT 3

**Status Report on
Regulation XIII – New Source Review**

Local Government & Small Business Assistance
Advisory Group
March 9, 2018

**NSR Status Report
Overview**

Purpose:

Demonstrate SCAQMD's NSR program meets federal NSR offset requirements for Major Sources, as required by EPA, for sources that are exempt from offsets under SCAQMD's NSR rule

**NSR Status Report
History**

- SCAQMD has produced Annual NSR Status Reports since 1990
- Around 2002-2004 EPA requested SCAQMD adopt a rule to memorialize equivalency demonstrations
- SCAQMD adopted Rule 1315 (Federal NSR Tracking System) in 2006/2007 and adopted a revised Rule 1315 in 2011
- EPA approved Rule 1315 into the SIP and it became effective on June 25, 2012



Rule 1315 Federal NSR Tracking System

- Rule 1315 established procedures to demonstrate equivalency with federal NSR offset requirements
 - Tracks debits from and credits to SCAQMD’s federal internal offset account for each pollutant
 - Annual Preliminary Determinations of Equivalency (PDE), Final Determinations of Equivalency (FDE) and Projections
 - Balances in SCAQMD’s federal offset accounts must remain positive



SCAQMD’s Federal NSR Offset Accounts Preliminary Determination of Equivalency (PDE)* (CY 2016)

DESCRIPTION	VOC	NOx	SOx	CO	PM10
2015 Final Ending Balance (tons/day)	101.47	24.49	4.15	14.80	15.05
2016 Total Credits (tons/day)*	0.00	0.00	0.00	0.00	0.00
2016 Total Debits (tons/day)	-0.01	-0.03	0.00	-0.01	0.00
2016 Total Discount of Credits for Surplus Adjustment (tons/day)	0.00	-2.73	0.00	0.00	0.00
2016 Preliminary Ending Balance (tons/day)	101.46	21.73	4.15	14.79	15.05

*PDE does not account for any credits for CY 2016, however, credits will be included in the Final Determination of Equivalency.

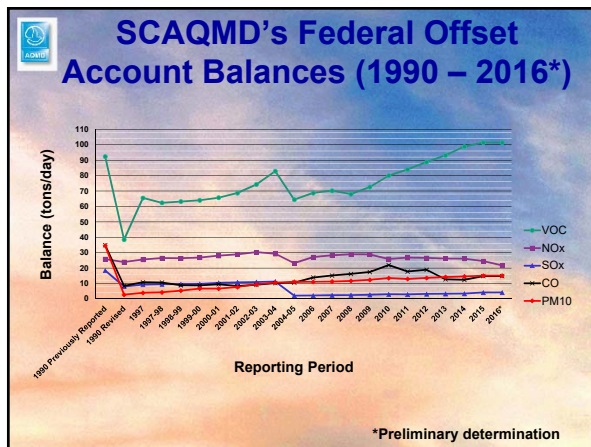


SCAQMD’s Projected Federal NSR Offset Accounts CY 2017

DESCRIPTION	VOC	NOx	SOx	CO	PM10
2016 Preliminary Ending Balance (tons/day)	101.46	21.73	4.15	14.79	15.05
2017 Total Projected Credits (tons/day)	4.85	1.16	0.29	1.99	0.62
2017 Total Projected Debits (tons/day)	-0.27	-0.20	0.00	-2.08	-0.06
2017 Total Projected Discount of Credits for Surplus Adjustment (tons/day)	-0.20	-1.33	0.00	-0.10	0.00
2017 Projected Ending Balance (tons/day)	105.84	21.36	4.44	14.60	15.61

**SCAQMD's Projected Federal NSR Offset Accounts
CY 2018**

DESCRIPTION	VOC	NOx	SOx	CO	PM10
2017 Projected Ending Balance (tons/day)	105.84	21.36	4.44	14.60	15.61
2018 Total Projected Credits (tons/day)	4.85	1.16	0.29	1.99	0.62
2018 Total Projected Debits (tons/day)	-0.27	-0.20	0.00	-2.08	-0.06
2018 Total Projected Discount of Credits for Surplus Adjustment (tons/day)	-0.21	-1.30	0.00	-0.09	0.00
2018 Projected Ending Balance (tons/day)	110.21	21.02	4.73	14.42	16.17



Conclusions

- The Preliminary analysis for CY 2016 shows SCAQMD's NSR program continued to be equivalent to the federal NSR offset requirements
- For CYs 2017 and 2018 it is also projected that SCAQMD's NSR program will continue to be equivalent to the federal NSR offset requirements
- Next Final Demonstration of Equivalency for CY 2016 will be presented to the Governing Board on September 7, 2018

ATTACHMENT 4

**2020 Regional Transportation Plan/
Sustainable Communities Strategy**


SCAQMD's LGSBAAG
March 9, 2018

Naresh Amatya
Transportation Manager



What is SCAG?

- Nation's Largest Metropolitan Planning Organization (MPO)
- 191 Cities, 6 Counties
- 38,000 Square Miles
- 19 Million People
- Nation's Global Gateway for Trade
- Develops the Region's Long-Range Transportation Plan (RTP/SCS)
- Deals with regional issues



SCAG's Governance Structure



General Assembly

- Representative from each member jurisdiction
- Meets once a year (public meeting)

Regional Council

- Comprised of 88 members (local elected officials and one private sector representative)
- Meets once a month (public meeting)
- Sets policy direction for the agency

Policy Committees

- 3 major policy committees
- Meets once a month (public meeting)
- Makes policy recommendations to the Regional Council

What is an RTP/SCS?

WHAT'S REQUIRED

- Long-term vision of how the region will address regional transportation and land use challenges and opportunities
- Investment framework

FEDERAL

- Updated every four years to maintain eligibility for federal funding
- Long-range, 20+ years into the future
- Demonstrate transportation conformity
 - » Regional emissions analysis
 - » Financially-constrained (revenues = costs)
 - » Timely implementation of transportation control measures
 - » Interagency consultation and public involvement
- Must be developed in consultation/coordination with key stakeholders

STATE

- Achieve SB 375 requirements (reduce greenhouse gas emissions from cars and light trucks)

WHAT'S INCLUDED

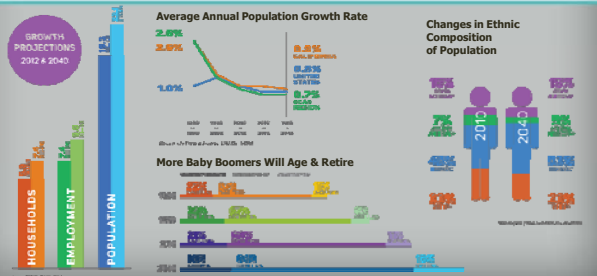
- Vision, policies and performance measures
- Forecasts (e.g., population, households, employment, land use and housing needs)
- Financial plan
- List of projects (to be initiated and/or completed by 2040)
- Analysis of priority focus areas (e.g., goods movement and active transportation)

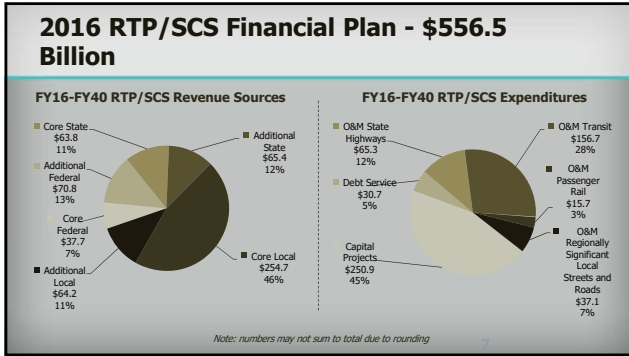
Why update the RTP/SCS?

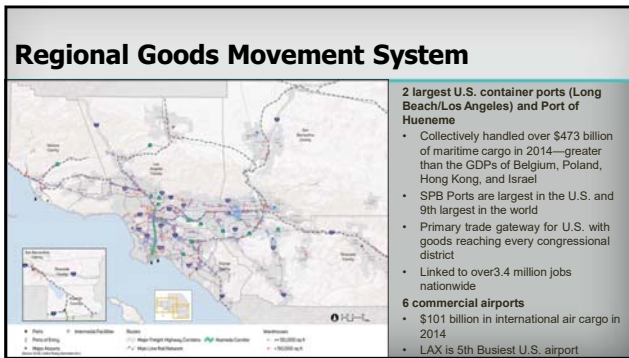
- Align with major trends in demographics & technology
- Reflect the most up to date transportation investments
- Adjust/update SCS strategies to address new GHG targets
- Update Finance Plan to reflect new revenues and latest costs
- Comply with new requirements such as the performance based planning approach called for by MAP-21

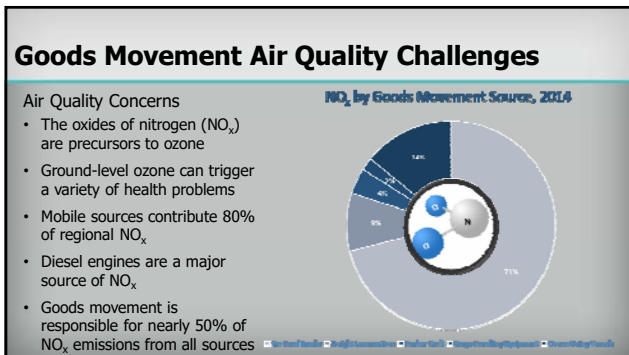


2016 RTP/SCS Changes in Growth and Demography










Goods Movement Strategies – Mainline Rail Enhancements




- Main line rail improvements that benefit both freight rail and passenger rail service
- Rail yard improvements
- Rail operation safety improvements such as Positive Train Control (PTC) that could greatly reduce the risk of rail collisions and increase capacity
- Approximately 40 grade separation projects
- Research application of technology alternatives to reduce emissions related to locomotives

Goods Movement Strategies – Regional Grade Separations

- Assessed and prioritized on a tiered basis through analyses and collaboration with regional stakeholders
- Criteria included:
 - existing and future down time for gates at crossings
 - estimates of existing and future vehicle hours of delay at crossings
 - accident rates
 - estimated annual emissions from idling vehicles




Goods Movement Strategies – East West Freight Corridor



- East-West segment of a regional dedicated truck lane system connecting Ports to I-15 in the Inland Empire (58 miles) along the SR-60 corridor
- Approximately 50 percent of the region's warehousing, and 27 percent of regional manufacturing facilities lie within five miles of SR-60
- Primary users are domestic trade and trucks serving local business
- Exploring emerging technologies/charging systems for clean trucks
- Exploring Infrastructure allowing vehicles to exit and enter corridor to serve local markets
- Corridor continues to be evaluated for dedicated truck lanes, safety and operational improvements


Goods Movement Strategies – Truck Bottleneck Analysis



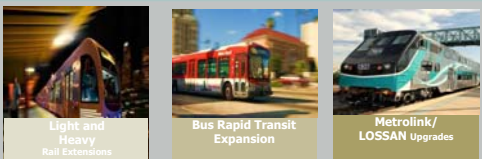
- Truck congestion in urban areas within the region add over \$1 billion in additional costs to truckers
- The SCAG region has 5 of the top 100 bottlenecks in the nation (ATRI, 2017)
- SCAG's analysis identified projects that would address 50 top truck bottlenecks in the region

The Future of Freight

- Truck Platooning and Connected Vehicles
- Freight and the Sharing Economy
- Truck Automation
- Big Data and Data-Driven Decision Making
- Freight Advanced Traveler Information Systems (FRATIS)
- Low-Emission and Zero-Emission Vehicles

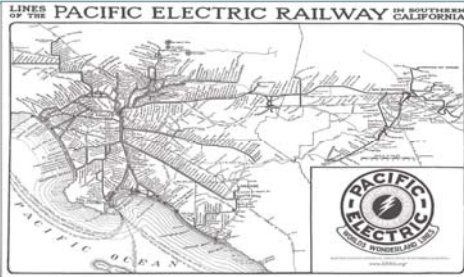


Passenger Rail and Transit

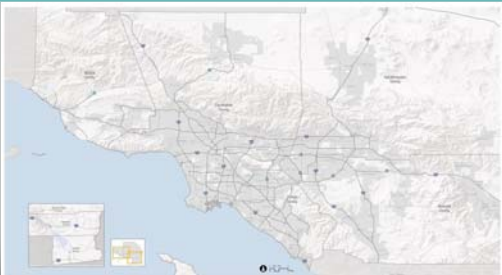


- Light and Heavy Rail Extensions
- Bus Rapid Transit Expansion
- Metrolink/LOSSAN Upgrades

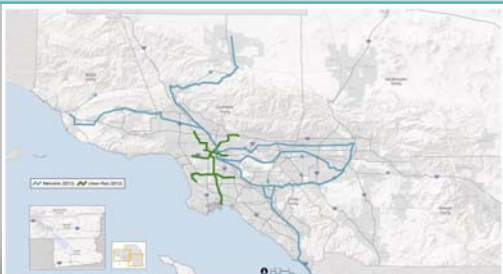
Passenger Rail and Transit - 1920



Passenger Rail and Transit - 1990



Passenger Rail and Transit - 2012



Passenger Rail and Transit - 2040



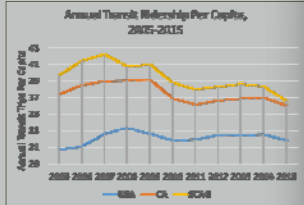
Light and Heavy Rail Extensions

Metrolink/LOSSAN Upgrades

Bus Rapid Transit Expansion

Transit Ridership Declines in SCAG Region


- 9% decline in fixed-route ridership from 2007 to 2015; 13% decline in per capita ridership
- Similar trend occurring across the state and nation
- SCAG and UCLA investigated potential causes including:
 - cuts in transit service
 - rising automobile ownership
 - fuel prices
 - transportation network companies
 - safety/security
 - changing residential location patterns



Year	US	CA	SCAG
2005	20.5	35.5	38.5
2006	21.0	36.5	39.5
2007	21.5	37.5	40.5
2008	21.5	37.5	40.5
2009	21.5	37.5	40.5
2010	21.5	37.5	40.5
2011	21.5	37.5	40.5
2012	21.5	37.5	40.5
2013	21.5	37.5	40.5
2014	21.5	37.5	40.5
2015	21.5	37.5	40.5

Transit Ridership Study Conclusions

- Increased vehicle access has likely had a very large effect on transit use
- The regional pool of transit users is changing
 - Fewer heavy-use "transit dependents" over time
 - More "choice riders" with access to cars
 - This situation is unlikely to reverse anytime soon
- Some trends are more variable
 - Fuel prices likely to rise again at some point



Transit Ridership Study Conclusions

- Broaden the base of occasional transit users
 - If every fourth non-rider added one transit trip every two weeks, ridership would be up region-wide
- SCAG 2020 RTP/SCS Update
 - Increased greenhouse gas reduction targets
 - Role of technology and innovation
 - Pyramid – smart land use, demand management, value pricing



System Management Pyramid

Addressing Innovation in RTP/SCS Rapid Advancements in Technology

New Technologies

- Neighborhood Electric Vehicles
- Electric Bikes
- Car/Bike Sharing
- Travel Planning Apps
- Connected Vehicle Technologies
- Semi-Automated Drive Modes
- Fully Automated Vehicles



Mitigation Measures

- MAP-21 requires that MPOs address Environmental Mitigation Measures directly in the RTP/SCS
- Mitigation measures are developed through the CEQA compliance work (Program EIR) related to the RTP/SCS
- Framework for Mitigation Measures is discussed in the 2016 RTP/SCS
- List of mitigation measures associated with the 2016 RTP/SCS are provided in the PEIR

Program Environmental Impact Report (PEIR)

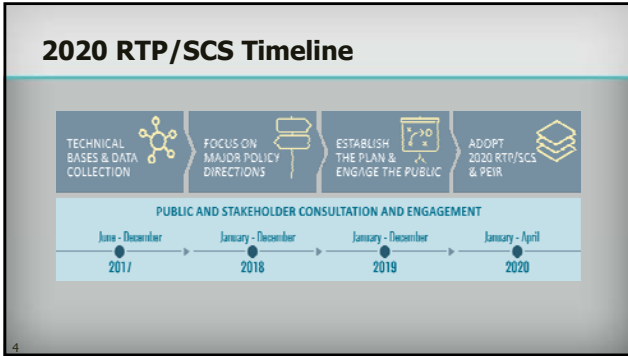
- SCAG's 2020 RTP/SCS PEIR will evaluate 18 resource categories (i.e., air quality, greenhouse gas emissions, transportation)
- Impacts will be evaluated on a regional scale and not a project level scale
- Mitigation measures will be developed for each of the resource categories as appropriate
- PEIR will identify mitigation measures for SCAG and local jurisdictions (regional vs project level)
- Project level mitigation measures are **proven** methods typically prescribed by air districts, stakeholder groups, best management practices

Example of SCAG Mitigation Measure

- **Examples of regional/programmatic mitigation measures that should be considered:**
 - Programs for improved use of public transit;
 - Restriction of certain roads or lanes to, or construction of such roads or lanes for use by Passenger buses or HOV;
 - Employer-based transportation management plans, including incentives;
 - Trip reduction ordinances'
 - Etc...

Example of Project Level Mitigation Measure


- **Examples of project specific mitigation measures that project sponsors 'can and should' consider:**
 - Minimize land disturbance
 - Use watering trucks to minimize dust
 - Suspend grading and earth moving when wind gusts exceed 25 miles per hour unless the soil is wet enough to prevent dust plumes
 - Cover trucks when hauling dirt.
 - Etc...



Thank you

www.scagrtppcs.net
amatya@scag.ca.gov

ATTACHMENT 5



Small Business Assistance Report on February 2018 Activities

for
LG&SBA Advisory Group Meeting of
3/9/2018

Services Offered – February

- Permit Application Assistance 293
- On-site Consultations 6
- Fee Review Committee Request 4
 - 2 Granted (Payment Plan, Permit Reinstatement)
 - 2 Denied (Waive Late Fee; Permit Reinstatement)
- Clearance Letters Issued 60

3/9/2018 February 2018 Report

Permit Assistance – February

- 293 Activities Providing Help with Permit Applications. Examples include:
 - 33 Offices
 - 28 Auto Body Shops
 - 27 Restaurants
 - 24 Retail stores
 - 17 Dry Cleaners
 - 17 Manufacturing Facilities
 - 10 Machine/Metal Shops
 - 7 Fuel Dispensing Facilities

3/9/2018 February 2018 Report

Activities – February

- Conducted 6 free on-site consultations
 - Manufacturing Facility
 - Powder Coating Shop
 - Recycling Facility
 - Dry Cleaner
 - Offices
- Issued 60 Clearance Letters

3/9/2018 February 2018 Report

Dry Cleaner Grants Issued (as of 2/2018)

- Professional Wet Cleaning 143
- CO₂ Machines 4
- Hydrocarbon (funds expended) 488

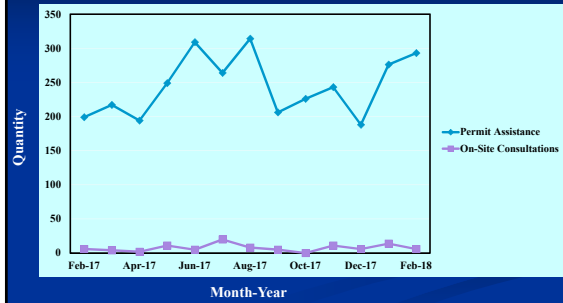
3/9/2018 February 2018 Report

Small Business Activity February 2017 – February 2018

ACTIVITY	Permit Assistance	On-Site Consultations	Variance Assistance	Fee Review Requests	Clearance Letters
Feb-2017	199	6	0	3	15
Mar-2017	217	4	0	6	35
Apr-2017	194	2	1	3	74
May-2017	249	11	1	2	98
Jun-2017	309	5	2	2	107
Jul-2017	264	20	0	3	129
Aug-2017	314	8	0	4	159
Sep-2017	206	5	1	10	66
Oct-2017	225	0	0	4	92
Nov-2017	243	11	0	7	92
Dec-2017	188	5	0	5	70
Jan-2018	276	14	1	4	60
Feb-2018	293	6	1	4	60
TOTAL	3178	88	7	57	1057

3/9/2018 February 2018 Report

Small Business Activity February 2018



3/9/2018

February 2018 Report

INFORMATIONAL ATTACHMENT

2018 Attendance Matrix

LGSBA MATRIX FOR YEAR 2018

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

0/Absent
1/Attended
E/Excused

INFORMATIONAL ATTACHMENT

April 6, 2018 Governing Board Meeting Draft Agenda

3/1/2018 5:19 PM

DRAFT

MEETING, APRIL 6, 2018

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

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

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

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

CALL TO ORDER

- Pledge of Allegiance
- Opening Comments: William A. Burke, Ed.D., Chair
Other Board Members
Wayne Nastri, Executive Officer
- Presentation of Retirement Award to Phillip Hubbard III

Burke

Staff/Phone (909) 396-

CONSENT CALENDAR (Items 1 through XX)

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

- | | | |
|--------|--|---------------------|
| 10111. | Approve Minutes of March 2, 2018 Board Meeting | Garzaro/2500 |
| 10113. | Set Public Hearings May 4, 2018 to: | Nastri/3131 |
| 10121. | Set Public Hearing May 4, 2018 to Adopt Executive Officer's FY 2018-19 Proposed Goals and Priority Objectives, and Draft Budget; and Determine that Proposed Amendments to Regulation III – Fees Are Exempt from CEQA and Amend Regulation III | Nastri/3131 |

The Executive Officer's Budget, Goals and Priority Objectives for FY 2018-19 have been developed. The Draft Budget includes implementation of the phased fee increase adopted by the Board on June 2, 2017 to continue cost recovery efforts and fund the SCAQMD FY 2018-19 Budget. In addition, staff is proposing amendments to Regulation III – Fees. The amendments include: 1) pursuant to Rule 320, an increase of most fees by 3.4% consistent with the Consumer Price Index; 2) new fees which are necessary to meet the requirements of recently adopted rules and state mandates; and 3) new or increased fees which are necessary to provide more specific cost recovery for other regulatory actions taken by the agency. Staff also recommends other proposed changes to Regulation III, which have no fee impact, but include clarifications, deletions, or corrections to existing rule language. The fee increases have been presented at a Budget Study Session, Budget Advisory Committee meeting and at two public consultation meetings in March and April with recommendations and comments provided to the Board. This action is to: 1) Adopt the Executive Officer's Budget, Goals and Priority Objectives for FY 2018-19; 2) Determine that the proposed amendments to Regulation III - Fees are exempt from the California Environmental Quality Act; and 3) Amend Regulation III. (Reviewed: Special Governing Board Meeting/Budget Study Session, April xx, 2018)

10099. **Set Public Hearing May 4, 2018 to Certify Final Environmental Assessment and Amend Rules 1146, 1146.1, 1146.2 and Adopt Rule 1100** **Fine/2239**

The adoption Resolution of the Final 2016 AQMP directed staff to achieve additional NO_x emission reductions and to transition the RECLAIM program to a command-and-control regulatory structure as soon as practicable. Rules 1146, 1146.1 and 1146.2 represent the first set of landing rules that establish Best Available Retrofit Control Technology (BARCT) requirements that RECLAIM facilities with equipment applicable to these rules will be required to meet. The proposed amendments will facilitate the transition of the NO_x RECLAIM program to a command-and-control regulatory structure. Proposed Rule 1100 - Implementation Schedule for NO_x Facilities establishes the compliance schedule for facilities exiting the RECLAIM program. This action is to adopt the Resolution: 1) Certifying the Final Environmental Assessment for Proposed Amended Rules 1146 - Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters; 1146.1 - Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters; 1146.2 - Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters; and Proposed Rule 1100 - Implementation Schedule for NO_x Facilities; 2) Amending Rules 1146, 1146.1, 1146.2; and 3) Adopting Rule 1100. (Reviewed: Stationary Source Committee, March 16, 2018)

10048. **Set Public Hearing May 4, 2018 to Determine that Proposed Amendments to Rule 408 – Circumvention Is Exempt from CEQA and Amend Rule 408** **Nakamura/3105**

Proposed Amended Rule 408 would allow the use of equipment or techniques to mitigate nuisance odors that do not conceal emissions. The proposed amendment would also prohibit temporary alterations to normal business operations or equipment to dilute, suppress, or conceal detection during monitoring or testing. This action is to adopt the Resolution: 1) Determining that the proposed amendment of Rule 408 – Circumvention is exempt from the requirements of the California Environmental Quality Act; and 2) Amending Rule 408 – Circumvention (Reviewed: Stationary Source Committee, March 16, 2018)

Budget/Fiscal Impact

10119. Recognize and Transfer Funds, Execute and Amend Agreements for Installation and Maintenance of Air Filtration Systems, and Reimburse General Fund for Administrative Costs **Miyasato/3249**

CARB is executing Supplemental Environmental Project (SEP) agreements with Western Power Sports, Inc., C.J.J. Farming, JEGS Foundation and Tesoro Companies, Inc., to install and maintain air filtration systems in the South Coast region, with SCAQMD to act as the SEP Implementer. These actions are to recognize up to \$551,875 into the Air Filtration Fund (75), transfer up to \$462,625 as a temporary loan from the Clean Fuels Fund (31) to the Air Filtration Fund (75) for the SEP revenue not yet received, and execute agreements with the four entities. These actions are to also execute one or more contracts with IQAir North America for installation of air filtration systems in an amount cumulatively not to exceed \$524,282, reimburse the General Fund for administrative costs up to \$27,593 from the Air Filtration Fund (75) and amend contract(s) with IQAir, as needed, to provide funding from unspent administrative fees for the purchase of replacement filters. (Reviewed: Technology Committee, March 16, 2018; Recommended for Approval)

10122. Recognize Revenue and Execute Contract for Battery Electric Shuttle Bus Replacement Project and Reimburse General Fund for Administrative Costs **Miyasato/3249**

In January 2018, U.S. EPA notified SCAQMD that two awards had been approved under a FY 2017 Targeted Air Shed Grant solicitation in the amount of \$3,184,875 each to replace diesel school buses with near-zero emission CNG buses and to replace diesel and gasoline airport shuttle buses with zero emission battery electric buses. Additionally, Phoenix Motorcars, an electric vehicle manufacturer, is committed to providing significant cost-share and securing additional funds from CARB's Hybrid and Zero Emission Truck and Bus Voucher Incentive Project to cofund the shuttle bus replacement project. This action is to recognize revenue up to \$6,369,750 from U.S. EPA into the Clean Fuels Program Fund (31). These actions are to also execute a contract with Phoenix Motorcars for battery electric shuttle bus replacements in an amount not to exceed \$3,122,426 and reimburse the General Fund for administrative costs up to \$62,449 to implement the shuttle bus replacement project. School bus replacement awards under the school bus replacement project will be considered by the Board separately. (Reviewed: Technology Committee, March 16, 2018; Recommended for Approval)

10110. **Execute Contracts to Conduct Commercial Electric Lawn and Garden Equipment Incentive and Exchange Program in Environmental Justice Areas and Reimburse General Fund for Administrative Costs** **Minassian/2641**

At its October 6, 2017 meeting, the Board recognized \$2,477,250 from U.S. EPA's 2016 Targeted Air Shed Grant Program and issued a Program Announcement to solicit competitive bids from manufacturers and/or suppliers of commercial-grade, battery-electric lawn and garden equipment. This action is to execute contracts with qualified manufacturers and suppliers of commercial grade, electric lawn and garden equipment for participation in SCAQMD's electric lawn and garden incentive and exchange program in environmental justice areas in an amount not to exceed \$2,955,327, comprised of \$2,327,250 from the U.S. EPA Targeted Air Shed Grant in the Advanced Technology, Outreach and Education Fund (17) and \$628,077 from the Rule 2202 AQIP Special Revenue Fund (27). This action is to also authorize the Executive Officer to amend amounts awarded to each contractor based on the demand for the equipment that will be offered through this program. Finally, this action is to reimburse the General Fund for administrative costs up to \$150,000 for implementation of a commercial lawn and garden equipment program. (Reviewed: Technology Committee, March 16, 2018; Recommended for Approval)

10106. **Remove Various Fixed Assets from SCAQMD Inventory** **Jain/2804**

SCAQMD Administrative Policies and Procedures No. 20 requires each organizational unit to review fixed assets for obsolescence and disposal every six months. This action is to approve removal of surplus equipment determined to be obsolete, non-operational and not worth repairing. (Reviewed: Administrative Committee, March 9, 2018; Recommended for Approval)

10035. **Approve Contract Awards and Modification as Approved by MSRC** **Pettis**

Action Item/No Fiscal Impact

10105. **Appoint Members to Deferred Compensation Plan Committee** **Olvera/2309**

SCAQMD sponsors an IRS-approved 457 deferred compensation program for its employees. The Deferred Compensation Plan Committee oversees the implementation of the program. Pursuant to the Committee Charter, the Board appoints new members to the Committee whenever vacancies occur. One member retired in February 2018; another member recently resigned. This action is to appoint General Counsel Bayron Gilchrist and Assistant Deputy Executive Officer Sujata Jain as successors to these members. (Reviewed: Administrative Committee, March 9, 2018; Recommended for Approval)

Items XX through XX - Information Only/Receive and File

10089. **Legislative, Public Affairs, and Media Report** **Alatorre/3122**
- This report highlights the February 2018 outreach activities of the Legislative, Public Affairs and Media Office, which include: Environmental Justice Update, Community Events/Public Meeting, Business Assistance, Media Relations, and Outreach to Business, Federal, State and Local Government. (No Committee Review)
10114. **Hearing Board Report** **Prussack/2500**
- This reports the actions taken by the Hearing Board during the period of February 1 through February 28, 2018. (No Committee Review)
10129. **Civil Filings and Civil Penalties Report** **Gilchrist/3459**
- This reports the monthly penalties from February 1 through February 28, 2018, and legal actions filed by the General Counsel's Office from February 1 through February 28, 2018. An Index of District Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, March 16, 2018)
10115. **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 February 1, 2018 and February 28, 2018, and those projects for which the SCAQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, March 16, 2018)
10019. **Rule and Control Measure Forecast** **Fine/2239**
- This report highlights SCAQMD rulemaking activities and public workshops potentially scheduled for 2018. (No Committee Review)
10109. **Status Report on Major Ongoing and Upcoming Projects for Information Management** **Moskowitz/3329**
- Information Management is responsible for data systems management services in support of all SCAQMD operations. This action is to provide the monthly status report on major automation contracts and planned projects. (Reviewed: Administrative Committee, March 9, 2018)
- XX. **Items Deferred from Consent Calendar**

BOARD CALENDAR

10053.	Administrative Committee (Receive & File)	Chair: Burke	Nastri/3131
10087.	Legislative Committee	Chair: Mitchell	Alatorre/3122
10069.	Mobile Source Committee (Receive & File)	Chair: Parker	Fine/2239
10133.	Stationary Source Committee (Receive & File)	Chair: Benoit	Tisopulos/3123
9985.	Technology Committee (Receive & File)	Chair: Buscaino	Miyasato/3249
10044.	Mobile Source Air Pollution Reduction Review Committee (Receive & File)	Board Liaison: Benoit	Minassian/2641
10112.	California Air Resources Board Monthly Report (Receive & File)	Board Rep: Mitchell	Garzaro/2500

PUBLIC HEARINGS

10104. Certify Final Environmental Assessment and Amend Rule 1469 – Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations **Nakamura/3105**

Rule 1469 currently establishes requirements to control hexavalent chromium from electroplating and chromic acid anodizing operations. PAR 1469 proposes new requirements for hexavalent chromium-containing tanks that are currently not regulated, building enclosures, housekeeping and best management practices, periodic source testing, and parameter monitoring of pollution control equipment. PAR 1469 includes provisions for a revised chemical fume suppressant certification process that further considers toxicity and exposure, and provisions to encourage the elimination of hexavalent chromium in Rule 1469 processes. Additional proposed amendments are incorporated to align Rule 1469 with the U.S. EPA National Emission Standards for Hazardous Air Pollutants for Chromium Electroplating. This action is to adopt the Resolution: 1) Certifying the Final Environmental Assessment for Proposed Amended Rule 1469 – Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations; and 2) Amending Rule 1469 – Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations. (Reviewed: Stationary Source Committee, November 17, 2017 and February 16, 2018)

10118. Certify Final Environmental Assessment and Amend Rule 1178 – Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities; and Determine that Proposed Amendments to Rule 219 – Equipment Not Requiring A Written Permit Pursuant to Regulation II Are Exempt from CEQA and Amend Rule 219 **Nakamura/3105**

The proposed rule amendments to Rule 1178 will incorporate provisions that allow the use of a flexible enclosure for slotted guidepoles for petroleum storage tanks under certain conditions. Additionally, Rule 219 will be amended to exempt from permitting, slotted guidepoles that meet a specific emission control configurations that are specified in Proposed Amended Rule 1178. This action is to adopt the Resolution: 1) Certifying the Final Environmental Assessment for Proposed Amended Rule 1178 – Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities; 2) Determining that the proposed amendments to Rule 219 - Equipment Not Requiring a Written Permit Pursuant to Regulation II are exempt from the California Environmental Quality Act; 3) Amending Rule 1178 – Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities; and 4) Amending Rule 219 - Equipment Not Requiring A Written Permit Pursuant to Regulation II. (Reviewed: Stationary Source Committee, February 16, 2018)

OTHER BUSINESS

10131. Approve Amendment to Executive Management Agreement with General Counsel **Olvera/2309**

This action is to present an amendment of the executive management agreement with the General Counsel. Upon review of comparable terms for the Executive Officer, it is recommended that the provision relating to the application of the compensatory time policy for managers be removed, and that the General Counsel's salary be increased by an equivalent amount. (Reviewed: Administrative Committee, March 9, 2018; Recommended for Approval)

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

BOARD MEMBER TRAVEL – (No Written Material)

Board member travel reports have been filed with the Clerk of the Boards, and copies are available upon request.

CLOSED SESSION - (No Written Material)

Wiese/3460

ADJOURNMENT

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

Members of the public are afforded an opportunity to speak on any agenda item before consideration of that item. Please notify the Clerk of the Board, (909) 396-2500, if you wish to do so. All agendas are posted at SCAQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the meeting. At the end of the agenda, an opportunity is also provided for the public to speak on any subject within the SCAQMD's authority. Speakers will be limited to a total of three (3) minutes for the Consent Calendar and Board Calendar and three (3) minutes or less for other agenda items.

Note that on items listed on the Consent Calendar and the balance of the agenda any motion, including action, can be taken (consideration is not limited to listed recommended actions). Additional matters can be added and action taken by two-thirds vote, or in the case of an emergency, by a majority vote. Matters raised under the Public Comment Period may not be acted upon at that meeting other than as provided above.

Written comments will be accepted by the Board and made part of the record, provided 25 copies are presented to the Clerk of the Board. Electronic submittals to cob@aqmd.gov of 10 pages or less including attachment, in MS WORD, PDF, plain or HTML format will also be accepted by the Board and made part of the record if received no later than 5:00 p.m., on the Tuesday prior to the Board meeting.

ACRONYMS

AQ-SPEC = Air Quality Sensor Performance Evaluation Center

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

OEHHA = 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: March 2, 2018

AGENDA NO. 18

REPORT: Rule and Control Measure Forecast

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

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Wayne Natri
Executive Officer

PMF:SN:AF:RM

2018 MASTER CALENDAR

The table below summarizes changes to the schedule since last month's Rule and Control Measure Forecast Report. Staff will continue to work with all stakeholders as these projects move forward.

Symbols have been added to indicate the following:

- * *This rulemaking is a potentially significant hearing.*
- + *This rulemaking will reduce criteria air contaminants and assist toward attainment of ambient air quality standards.*
- # *This rulemaking is part of the transition of RECLAIM to a command and control regulatory structure.*

219	Equipment Not Requiring a Written Permit Pursuant to Regulation II
Rule 219 is moving from TBD to April 2018 to include an administrative amendment coinciding with amendments to Rule 1178.	
120	Credible Evidence Rule
Proposed Rule 120 is being moved from May 2018 to TBD to allow staff additional time to re-evaluate stakeholder comments.	

1146	Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters
1146.1	Emissions of Oxides of Nitrogen from Small Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters
1146.2*+##	Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters
1100*+##	Implementation Schedule for NOx Facilities
Rules 1146, 1146.1, 1146.2 and 1100 are being moved from April 2018 to May 2018 to allow additional time to work with stakeholders and to allow the appropriate time for public review of the CEQA document.	
2001*+## 2002##*	RECLAIM – Applicability Allocations for Oxides of Nitrogen (NOx) and Oxides of Sulfur (SOx)
Rule 2001 is being moved from April 2018 to September 2018. Rule 2002 is being added to the September Board agenda. Proposed rule amendments will include criteria for facilities to opt-out of RECLAIM and to facilitate the use of compliance plans as part of the transition of RECLAIM facilities to a command-and-control regulatory structure.	
Reg. XIII*#	New Source Review
Regulation XIII – New Source Review is being moved from May 2018 to July 2018 in order to allow additional time to work stakeholders, CARB and U.S. EPA regarding the proposed amendments.	

2018 MASTER CALENDAR

April	Title and Description	Type of Rulemaking
1178	<p>Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities</p> <p>Proposed Amended Rule 1178 will incorporate provisions to allow use of a flexible enclosure option allowed under the U.S. EPA Storage Tank Emission Reduction Partnership Program for floating roof storage tanks equipped with a slotted guide pole.</p> <p><i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
219	<p>Equipment Not Requiring a Written Permit Pursuant to Regulation II</p> <p>Amendments to Rule 219 are being proposed as a complement to PAR 1178.</p> <p><i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1469*	<p>Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations</p> <p>Proposed Amended Rule 1469 will further reduce hexavalent chromium emissions by establishing new requirements for certain hexavalent chromium tanks that are currently not regulated, and further address potential fugitive emissions from hexavalent chromium electroplating and chromic acid anodizing operations.</p> <p><i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
May		
408*	<p>Circumvention</p> <p>Proposed Amended Rule 408 would retain the exemption for cases in which the only violation is a nuisance, but limit it to odor nuisances. The proposed amendment would also prohibit temporary alterations to normal business operations or equipment to suppress emissions for the purpose of evading detection or concealing emissions during monitoring or testing.</p> <p><i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other

2018 MASTER CALENDAR (continued)

May (continued)	Title and Description	Type of Rulemaking
<p>1146</p> <p>1146.1</p> <p>1146.2*+##</p> <p>1100*+##</p>	<p>Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters</p> <p>Emissions of Oxides of Nitrogen from Small Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters</p> <p>Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters</p> <p>Amendments to Rules 1146, 1146.1, and 1146.2 will incorporate requirements for facilities that are in RECLAIM that are required to meet BARCT emission control levels.</p> <p>Implementation Schedule for NOx Facilities</p> <p>Rule 1100 will establish the implementation schedule for specific NOx RECLAIM facilities that are transitioning to command and control.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	<p>AQMP</p>
<p>Reg. III</p>	<p>Fees</p> <p>Amendments to Regulation III will incorporate the CPI adjustment to keep pace with inflation, pursuant to Rule 320, and proposed amendments may also make other needed adjustments.</p> <p><i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	<p>Other</p>
<p>June</p>		
<p>1118.1*+##</p> <p>1100*+##</p>	<p>Control of Emissions from Non-Refinery Flares</p> <p>Proposed Rule 1118.1 will seek to reduce emissions from flaring at non-refinery facilities, including alternate uses of gases. The rule would require use of flares that meet Best Available Control Technology at sources such as landfills, wastewater treatment plants, and oil and gas production facilities.</p> <p><i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p> <p>Implementation Schedule for NOx Facilities</p> <p>Rule 1100 will establish the implementation schedule for specific NOx RECLAIM facilities that are transitioning to command and control.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	<p>AQMP</p>
<p>1403</p>	<p>Asbestos Emissions from Demolition/Renovation Activities</p> <p>Amendments to Rule 1403 will include specific requirements when conducting asbestos-emitting demolition/renovation activities at schools, daycare centers, and possibly establishments that have sensitive populations. Amendments may include other provisions to improve the implementation of the rule.</p> <p><i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	<p>Toxics</p>

2018 MASTER CALENDAR (continued)

July	Title and Description	Type of Rulemaking
1110.2*+ [#]	Emissions from Stationary Internal Combustion Engines Rule 1110.2 will be amended to incorporate provisions for facilities that are transitioning from NO _x RECLAIM to command and control.	AQMP
1100*+ [#]	Implementation Schedule for NO_x Facilities Rule 1100 will establish the implementation schedule for specific NO _x RECLAIM facilities that are transitioning to command and control. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	
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: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Toxics
Reg. XIII* [#]	New Source Review Amendments to Regulation XIII are needed to address New Source Review provisions for facilities that exit RECLAIM. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
September		
1407* 1407.1*	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 and expand the applicability to address ferrous metal operations and hexavalent chromium emissions. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Toxics
1480*	Toxics Monitoring Proposed Rule 1480 will establish provisions for when ambient monitoring is required and the toxic air contaminants that will be monitored. <i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Toxics
2001*+ [#] 2002 [#] *	RECLAIM – Applicability RECLAIM - Allocations for Oxides of Nitrogen (NO_x) and Oxides of Sulfur (SO_x) Proposed Amended Rules 2001 and 2002 will incorporate provisions for facilities that elect to opt-out of RECLAIM and include provisions for facilities that exit RECLAIM through use of a compliance plan. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP

2018 MASTER CALENDAR (continued)

November (continued)	Title and Description	Type of Rulemaking
1435*	<p>Control of Emissions from Metal Heat Treating Processes Proposed Rule 1435 would establish requirements to reduce hexavalent chromium emissions from heat treating processes. <i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
December		
1109.1*+##	<p>Refinery Equipment Proposed Rule 1109.1 will establish requirements for refineries that are transitioning from RECLAIM to command and control. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1100*+##	<p>Implementation Schedule for NO_x Facilities Rule 1100 will establish the implementation schedule for specific NO_x RECLAIM facilities that are transitioning to command and control. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	
2202	<p>On-Road Motor Vehicle Mitigation Options Proposed amendments to Rule 2202 would enhance emission reductions obtained from the Employee Commute Reduction Program (ECRP) rule option. <i>Carol Gomez 909.396.3264 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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