



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 Pro Tem 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

October 13, 2017 ♦ 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*)

Mayor Pro Tem Ben Benoit
Committee Chair

2. Approval of September 8, 2017 Meeting Minutes
(*No Motion Required*)
[Attachment 1]

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

3. Review of Follow-Up/Action Items

Derrick J. Alatorre

DISCUSSION ITEMS (Items 4 through 5):

4. Summary of Recent Amendment to Rule 1401 – New Source
Review of Toxic Air Contaminants

(No Motion Required)

Staff will provide a summary of amendments to Rule 1401 which were adopted on September 1, 2017.

[Attachment 2]

*Susan Nakamura,
Asst. Deputy Executive Officer,
Planning, Rule Development &
Area Sources*

5. Summary End-of-Year Report on State Legislature's and
Governor's Actions on 2017 Legislation and Cap and Trade

(No Motion Required)

Staff will provide an end-of-legislative year update on the actions of the state legislature and Governor on SCAQMD sponsored bills, cap and trade and other key bills of interest.

*Philip Crabbe,
Community Relations Manager,
Legislative, Public Affairs &
Media*

WRITTEN REPORT:

6. **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 September 2017.

[Attachment 3 - Written Report]

All

OTHER MATTERS:

7. 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)

8. 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.

9. **Next Meeting Date** - Thursday, November 9, 2017 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 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 October 5, 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 SEPTEMBER 8, 2017 MEETING MINUTES

MEMBERS PRESENT:

Ben Benoit, Mayor Pro Tem, City of Wildomar and LGSBA Vice Chairman
Paul Avila, P.B.A. & Associates
Geoffrey Blake, Metal Finishers of Southern California/All Metals
John DeWitt, JE DeWitt, Inc.
Bill LaMarr, California Small Business Alliance
Rita Loof, RadTech International
Eddie Marquez, Paramount Petroleum
David Rothbart, Los Angeles County Sanitation District

MEMBERS ABSENT:

Janice Rutherford, Supervisor, Second District, San Bernardino County
Felipe Aguirre
Rachelle Arizmendi, Mayor Pro Tempore, City of Sierra Madre
Todd Campbell, Clean Energy
LaVaughn Daniel, DancoEN
Maria Elena Kennedy, Kennedy Communications
Cynthia Moran, Council Member, City of Chino Hills

OTHERS PRESENT:

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

SCAQMD STAFF:

Nancy Feldman, Principal Deputy District Counsel
Jo Kay Ghosh, Health Effects Officer
Ian MacMillan, Planning & Rules Manager
Lisa Tanaka O'Malley, Community Relations Manager
Van Doan, AQ Inspector II
Elaine-Joy Hills, AQ Inspector II
Lori Langrell, Secretary

Agenda Item #1 - Call to Order/Opening Remarks

Chair Ben Benoit called the meeting to order at 11:30 a.m.

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

Chair Benoit called for approval of the July 14, 2017 meeting minutes. The minutes were approved unanimously.

Agenda Item #3 – Follow Up/Action Items

Ms. Lisa Tanaka O'Malley responded to the July 14, 2017 meeting action items. Ms. O'Malley indicated that a presentation on Rule 219 would be agendaized for a future meeting, and a Cap-and-Trade presentation will be agendaized for the October meeting along with the Legislative Update.

Ms. Rita Loof provided comment on Rules 219 and 1168. She has concerns about the additional recordkeeping requirements in Rule 1168 that is pending Governing Board approval in October. The forms that will be required have not been provided to the adhesive industry.

Mr. Bill LaMarr indicated he generally supports Radtech's comments on Rules 219 and 1168, and is aware that with an increased workload resulting from the passage of AB 617, it is challenging to provide information to all groups, but this should be accomplished as soon as possible.

Agenda Item #4 – Summary of Recent Studies of Air Pollution & Health Effects

Ms. Jo Kay Ghosh presented a summary of some key recent research studies of air pollution and health effects.

Mr. Paul Avila asked, in the sample study, how many people were studied? Ms. Ghosh replied it depends on the specific study, the range can be from a couple thousand, to a few thousand, to a million.

Mr. Avila inquired about the 60 million or so Medicare recipients, if the studies take into account effects of smoking, cooking, or other contributing factors, as opposed to workers exposed to diesel emissions. Ms. Ghosh indicated many other factors contribute to premature mortality. In epidemiologic studies, many factors are considered, which could be correlated to people in other areas.

Mr. LaMarr asked if other factors were accounted for. Ms. Ghosh replied yes, they were accounted for simultaneously.

Mr. Avila indicated that the high level of PM_{2.5} in the agricultural San Joaquin Valley area is understandable, but the high level of PM_{2.5} in the non-agricultural Calexico desert area is not. Ms. Ghosh replied the PM_{2.5} levels might not be driven by agricultural impacts. In our region, it is driven by mobile sources and some stationary sources.

Mr. John DeWitt asked if there is a difference between PM_{2.5} in the agricultural-laden Central Valley versus the San Gabriel Valley and how the health impacts are measured. Ms. Ghosh replied there are two things to ask: what are the PM_{2.5} levels and what is the population being affected? We have a more densely populated area compared to the San Joaquin Valley, although its PM_{2.5} level is also very high. The most impacted area would have a high PM_{2.5} level and a large population. Mr. DeWitt further asked if there is a difference between dust from agricultural sources versus PM_{2.5} from diesel combustion sources. Ms. Ghosh replied dust from earth sources tend to be coarse, like PM₁₀. For example, the Coachella valley, which is considered a more agricultural area than the rest of the District, has a high PM₁₀ level, but not PM_{2.5}, which is primarily from combustion sources.

Mr. David Rothbart inquired regarding the excess death conclusion from the author, how can death be assessed for these types of parameters, as the only way you can absolutely attribute a death is to have exactly the same situation in different people. Ms. Ghosh replied there are a lot of nuances when it comes to this type of modeling. The general process is to take estimates of the association by looking at a concentration-response function, which is how much of the exposure would cause what percentage

change in risk. The association may be different for various studies. Heterogeneity gives a wider estimate of impact. Mr. Rothbart further asked if the author has come up with some type of quantification for the confidence intervals to show how accurate the data is based on the assumptions made. Ms. Ghosh replied the confidence intervals are often published. It may be in the form of a sensitivity analysis showing how changes affect the final results.

Mr. Avila asked what heterogeneity meant. Ms. Ghosh replied it meant the results differ from study to study. Mr. Avila inquired if it would be a valid study to look at hospital visits made by people over 65 years old versus under 65 years old. Ms. Ghosh responded it is a potential framework for a study. However, when designing a study, you have to look at many factors, such as the population, the quality of the data available and its limitations, and the study question.

Mr. Avila inquired if the results vary between studies based on the sponsors. Ms. Ghosh responded as a government agency, we do expect transparency in science and reproducibility in results. The mechanism of science and the structure of the study including peer review, sharing of data, reproducing results, and looking at multiple studies and regions, etc. are part of the process by which we try to eliminate biases that may occur.

Mr. Avila asked how the effect of past occupational exposure is differentiated from environmental exposure. Ms. Ghosh replied it is difficult to look at past exposures. For well-designed studies, detailed questions can be asked to survey all the participants and available databases can be reviewed for more information on the participants.

Mr. Rothbart asked, when reviewing papers from other researchers, do you look for other papers that contradict each other and what do you look for to validate the conclusions? Ms. Ghosh replied to validate their conclusions, we don't draw our conclusions from one study. Even though we are looking at key findings in the studies being presented, it doesn't mean we draw conclusions from one study during the review of papers. As far as evaluating the quality of the study, if done in a systematic way, either using quantitative or qualitative analysis, very specific criteria are outlined before the final review. There is a grading system with markers of quality of the studies.

Mr. LaMarr indicated, in addition to Mr. Rothbart's question, in every study you have multiple opinions or views as far as causal factors. Mr. LaMarr asked if the objective in the final analysis is to write a rule or regulation and reduce emissions. Since there are multiple studies with a number of causal factors involved, how does the District or the Office of Environmental Health Hazard Assessment (OEHHA) decide to accept one study over others, is it based on the pursuit of the District's objective, and does the District consider other unregulated factors? Ms. Ghosh replied, regarding standard setting, the Environmental Protection Agency (EPA) is tasked with setting and reviewing the standards for criteria pollutants and the SCAQMD is not. In regards with toxics, OEHHA is tasked with reviewing the science and making the determination of what to include on the air toxics lists. OEHHA also establishes guidelines for risk assessment, which the SCAQMD adopts.

Agenda Item #5 – Update on SCAQMD-Funded Warehouse Truck Trip Study

Mr. Ian MacMillan presented a summary of the results of the study that was finalized in October 2016.

Ms. Loof asked if the SCAQMD has looked into why there is an increase in warehouses. Mr. MacMillan replied yes, it is due to the growth in the trade volume. After China joined the World Trade Organization (WTO) in the 2000's, there was a very rapid growth at the ports, which led to an explosion

of warehousing in the Inland Empire, where land is cheaper. Ms. Loof provided comment on the California Environmental Quality Act (CEQA) analysis and Rule 1168.

Mr. LaMarr asked if a truck trip is a round trip. Mr. MacMillan replied it is a one-way trip; one trip in and one trip out would be two trips.

Mr. Avila asked if a warehouse is located near a railroad, conducts minimal trucking activities, and has air purifiers and efficient air conditioning, would SCAQMD testing of inside air quality be needed. Mr. MacMillan replied when looking at nitrogen oxides (NOx) in the context of CEQA, the concern isn't the direct impact on workers inside the building. Although there are concerns relating to the localized impacts and cancer risks from diesel particulate matter (PM). Most air filters would address PM, not ozone. Ozone is the biggest problem in the Inland Empire, so the indoor ozone level is expected to be similar to the outdoor ozone level. The high ozone level is not the direct result of the emissions from the trucks outside the warehouse, but is due to all the trucks and all other sources of NOx in the basin.

Mr. Avila asked if there will be any additional refrigerated warehouses. Mr. MacMillan replied there are some, but not many.

Mr. Rothbart inquired regarding emissions reductions for AQMP matters, what percentage of the inventory does that account for? Mr. MacMillan indicated we are working on it, how much to assign to a supermarket, to the port, etc.

Mr. Avila asked what percentage of warehousing is manufacturing. Mr. MacMillan replied for our study, only warehousing were considered, not manufacturing. In Southern California, that's approximately one billion square feet of warehousing.

Agenda Item #6 – Summary of Recent Amendment to Rule 1401 – New Source Review of Toxic Air Contaminants

This agenda item was tabled to the October 13, 2017 meeting.

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

No comments.

Agenda Item #8 - Other Business

Mr. DeWitt requested that a presentation on permit streamlining and backlog be agendized, in order to see where the current status of outstanding permits is.

Action Item: Agendize a presentation regarding permit streamlining.

Agenda Item #9 - Public Comment

No comments.

Adjournment


The meeting adjourned at 12:53 p.m.

AGENDA ITEM #4

**Summary of Recent Amendment to Rule 1401 – New Source
Review of Toxic Air Contaminants
[Attachment 2]**


Rule 1401 New Source Review of Toxic Air Contaminants


**Local Government and Small Business Assistance
Advisory Group Meeting
September 8, 2017**



1


SCAQMD's Approach to Reducing Public Risk from Air Toxics

- #1 Objective: Protect public health 
- Multifaceted Regulatory Approach






Permitting

AB 2588



Source-Specific Rules
- Comprehensive







Environmental
Justice
Initiatives
- Technology and Science Based

Who Establishes the Methodology to Estimate Health Risk?

- The California Office of Environmental Health Hazard Assessment (OEHHA) is responsible for developing and updating risk assessment guidance under the Air Toxics Hot Spots program
- State law requires that health risk assessments required under Toxics Hot Spots Program be prepared in accordance with OEHHA Guidelines (Health and Safety Code §44360(b)(2))
- OEHHA's health risk guidelines are used by all air districts statewide



OEHHA's Revised Health Risk Guidelines

- The Children's Environmental Health Protection Act of 1999 (SB25) required susceptibility of infants and children be considered in assessing the health risks associated with air toxics
- On March 6, 2015 OEHHA approved a revision to the Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (OEHHA Revised Guidelines)
 - Incorporated new studies on childhood sensitivities
 - Incorporated new data on exposure (e.g. breathing rate and time at home)



OEHHA Revised Risk Guidelines Impact On Estimating Cancer Risk



No Change
Quantification of Facility Emissions
—
(Toxic Emissions have not increased)



Revised
Methodology for Estimating Cancer Risk
(Childhood sensitivities and breathing rates)

Residential / Sensitive Receptor Cancer Risk
(Calculated risk value 3X's Higher*)

Worker Receptor Cancer Risk
(Slight Change)

* Estimated increase of 3X's and up to -6X for multi-pathway

Rule 1401 Cancer Risk Thresholds



- No permit issued for new and modified equipment, unless:
 - <10 in a million with TBACT* (R1401)
 - <1 in a million without TBACT* (R1401)
 - <1 in a million near a school - regardless of TBACT (R1401.1)

* TBACT is Toxics Best Available Control Technology

2015 OEHHA Guidelines Impact on SCAQMD Permits

- SCAQMD staff reviewed past five years of permitted data (2009 to 2014)
- Majority of permits issued well below Rule 1401 permitting risk thresholds
- Most source types will not require additional controls to meet current thresholds
- June 2015 amendments to Rule 1401 incorporated 2015 OEHHA Guidelines excluded spray booths and gasoline dispensing facilities to:
 - Provide additional time to analyze potential permitting impacts of the 2015 OEHHA Guidelines and CARB's gasoline dispensing emission factors and speciation profiles



Recent Amendments to 1401



- Require spray booths and gasoline dispensing facilities to begin using the proposed SCAQMD Risk Assessment Procedures (Version 8.1)*, which incorporates:
 - 2015 OEHHA Guidelines
 - Proposed gasoline dispensing emission factors and speciation profiles
 - Current air dispersion model (AERMOD) and updated meteorological data
- Update the list of toxic air contaminants in Table I of Rule 1401 to be consistent with the current list used by OEHHA

South Coast Air Quality
Management District



RISK ASSESSMENT
PROCEDURES
for Rules 1401, 1401.1 and 212
Version 8.1
9/2015

8

Analysis of Spray Booths

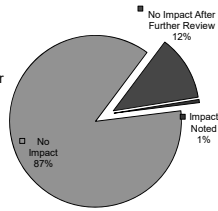
- Purpose of analysis was to conduct a more detailed review of permits issued for spray booths to better estimate potential permitting impacts with the 2015 OEHHA Guidelines
- SCAQMD staff conducted a detailed review of 327 permits issued for spray booths to better identify if additional pollution controls are needed
 - Sample size with 95% confidence level +/- 5% error (327 out of ~1,400 permits)
 - Random sampling, every 4th permit



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Summary of Spray Booth Review

- Analyzed 327 permits (random sampling) out of ~1,400 permits issued from 2009 – 2014 (includes new and modified)
- If SCAQMD Risk Assessment Procedures (Version 8.1) which incorporates the 2015 OEHHA Guidelines are used for spray booths:
 - 87% of spray booth permits, no impact expected
 - 12% of spray booth permits, more refined assumptions on material usage or amount of toxic air contaminant in material formulation would eliminate need for pollution controls
 - ~1% of spray booth permits may need to upgrade filters in pollution controls from HEPA to ULPA
 - May need a larger blower (increase cost)
 - Filter costs are similar



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Background for Analysis of Gasoline Dispensing Facilities



- In March 2015, SCAQMD staff received new information from CARB regarding speciation profiles for gasoline dispensing facilities
- Additional time needed to assess permitting impacts with CARB speciation profiles with the 2015 OEHHA Guidelines
- The following analysis assesses permitting impacts on gasoline dispensing facilities when accounting for:
 - Proposed gasoline dispensing emission factors and speciation profiles
 - 2015 OEHHA Guidelines
 - Current air dispersion modeling and updated meteorological data
- Approximately 3,300 gasoline dispensing facilities

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Gasoline Dispensing Facilities

- If SCAQMD Risk Assessment Procedures (Version 8.1) which incorporates the 2015 OEHHA Guidelines and revised emission factors (excluding refueling emission factor) are used for new and modified gasoline dispensing facilities:
 - For 300 permits (random sampling) out of ~1,200 permit modifications between 2009 and 2014
 - No impact expected
 - For all 140 new permits for gasoline dispensing facilities issued from 2009 – 2016
 - 97% of new gasoline dispensing facilities – no impact expected
 - One gasoline dispensing facility per year would need to do a more refined health risk analysis (Tier 4 which includes air dispersion modeling), accept a lower throughput, or re-orient emission sources



Analysis of Updates to Toxic Air Contaminants in PAR 1401

- Table I of Rule 1401 is being updated to reflect revisions by OEHHA
- No impacts anticipated
 - Caprolactum – Rule 1141 already controls emissions by 95%
 - Carbonyl sulfide – Already closely controlled in refineries
 - Other compounds added acute health risk values
 - Acute risk (new) << chronic / cancer risk (current)

CAS #	New Substances Added
105-60-2	caprolactum
463-58-1	carbonyl sulfide

CAS #	Added Health Risk Values
106-99-0	1,3-butadiene (acute)
101-68-8	Methylene diphenyl diisocyanate (acute)
584-84-9	toluene-2,4-diisocyanate (acute)
91-08-7	toluene-2,6-diisocyanate (acute)

SCAQMD Contacts



General Questions
Susan Nakamura, snakamura@aqmd.gov (909) 396-3105

Permitting Guidelines
Jillian Wong, jwong1@aqmd.gov (909) 396-3176

AB2588 Guidelines and Prioritization Procedures
Victoria Moaveni, ymoaveni@aqmd.gov (909) 396-2455

Gasoline Dispensing Facilities
Danny Luong, dluong@aqmd.gov (909) 396-2622
William Thompson, WThompson@aqmd.gov (909) 396-2398

Rule Development
Kalam Cheung, kcheung@aqmd.gov (909) 396-3281
Michael Morris, mmorris@aqmd.gov (909) 396-3282

AGENDA ITEM #6

**Monthly Report on Small Business Assistance Activities
[Attachment 3]**



**Small Business Assistance
Report on
September 2017
Activities**

for
LG&SBA Advisory Group Meeting of
10/13/2017

Services Offered – September

- Permit Application Assistance 206
- Variance Request Assistance 1
- On-site Consultations 5
- Fee Review Committee Request 10
 - 7 Granted (Payment Plans, Reinstatements, Permit Correction, Refund Fee, Waive Fee)
 - 2 Research (Reinstatement, Refund Fee)
 - 1 Denied (Waive Reinstatement Fee)
- Clearance Letters Issued 66

10/13/2017

September 2017 Report

Permit Assistance – September

- 206 Activities Providing Help with Permit Applications. Examples include:
 - 29 Restaurants
 - 25 General Contractors/ Consultants/ Architects
 - 14 Offices
 - 13 Auto Body Shops
 - 13 Dry Cleaners
 - 12 Retail Stores
 - 11 Manufacturing Facilities
 - 10 Storage & Distribution Centers

10/13/2017

September 2017 Report

Activities – September

- Conducted 5 free on-site consultations
 - Warehouse
 - Auto Body Shop
 - Dry Cleaners
 - Golf Course
- Issued 66 Clearance Letters
- Event(s) Attended
 - Watts Drive Electric in Los Angeles
 - Anaheim Transportation Fair
 - Air & Waste Management Association

10/13/2017

September 2017 Report

Dry Cleaner Grants Issued (as of 9/2017)

- Professional Wet Cleaning 140
- CO₂ Machines 4
- Hydrocarbon (funds expended) 488

10/13/2017

September 2017 Report

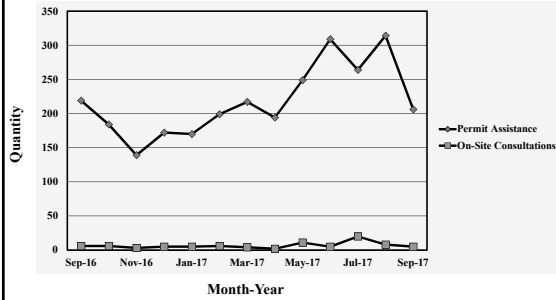
Small Business Activity September 2016 – September 2017

ACTIVITY	Permit Assistance	On-Site Consultations	Variance Assistance	Fee Review Requests	Clearance Letters
Sep-2016	219	6	0	6	16
Oct-2016	194	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	74
May-2017	249	11	1	2	98
Jun-2017	309	5	2	2	107
Jul-2017	264	20	0	3	120
Aug-2017	314	8	0	4	159
Sep-2017	206	5	1	10	66
TOTAL	2836	86	6	51	769

10/13/2017

September 2017 Report

Small Business Activity September 2017



10/13/2017

September 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	1	1		1			
Rutherford, Janice	E	E		1	1	E	E		E			
Aguirre, Felipe	0	0		0	1	0	1		0			
Arizmendi, Rachelle	--	--		1	1	1	E		E			
Avila, Paul	1	E		1	1	1	1		1			
Blake, Geoffrey	0	1		1	1	1	1		1			
Campbell, Todd	1	1		1	E	E	E		E			
Daniel, LaVaughn	1	1		1	1	1	1		E			
DeWitt, John	1	1		1	1	1	1		1			
Kennedy, Maria Elena	1	0		0	0	0	0		0			
La Marr, Bill	1	1		1	1	1	1		1			
Loof, Rita	1	1		1	1	E	1		1			
Marquez, Eddie	--	--		--	1	1	1		1			
Moran, Cynthia	1	1		E	1	E	1		E			
Rothbart, David	1	1		1	1	1	1		1			

0/Absent
 1/Attended
 E/Excused

INFORMATIONAL ATTACHMENT

November 3, 2017 Governing Board Meeting Draft Agenda

10/5/2017 9:57 AM

DRAFT

MEETING, NOVEMBER 3, 2017

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

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

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

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

CALL TO ORDER

- Pledge of Allegiance
- Opening Comments: William A. Burke, Ed.D., Chair
Other Board Members
Wayne Nastri, Executive Officer

Staff/Phone (909) 396-

CONSENT CALENDAR (Items 1 through XX)

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

9935. Approve Minutes of October 6, 2017 Board Meeting **Garzaro/2500**

9940. Set Public Hearings December 1, 2017 to Consider Adoption of and/or Amendments to SCAQMD Rules and Regulations **Nastri/3131**

9912. Set Public Hearing December 1, 2017 to Determine That Proposed Rule 1180 – Refinery Fenceline and Community Air Monitoring is Exempt from CEQA and Adopt Rule 1180 **Fine/2239**

Proposed Rule 1180 establishes fenceline and community air monitoring requirements for petroleum refineries. The proposed rule will require petroleum refineries to install and operate continuous, real-time fenceline and community air monitoring systems to measure a comprehensive list of criteria pollutants and toxic air contaminants. The proposal will require a submittal and approval of a plan that provides detailed information about the fenceline and community air monitoring systems such as siting, wind data collection, maintenance procedures, measures in case of failures, auditing, and data reporting methods. Further, the proposed rule will set-forth requirements for the plan review process, notifications and recordkeeping. This action is to adopt the Resolution: 1) Determining that the proposed adoption of Rule 1180 - Refinery Fenceline and Community Air Monitoring is exempt from the requirements of the California Environmental Quality Act; and 2) Adopting Rule 1180 – Refinery Fenceline and Community Air Monitoring. (Reviewed: Stationary Source Committee, September 15, 2017)

9902. Set Public Hearing December 1, 2017 to Certify Final Subsequent Environmental Assessment and Amend Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminants

Nakamura/3105

Rule 1466, adopted July 7, 2017, minimizes fugitive dust emissions containing arsenic, asbestos, cadmium, hexavalent chromium, lead, mercury, nickel, and polychlorinated biphenyls from sites that meet the applicability requirements. The adoption Resolution directed staff to return to the Board with an amendment for the Board's consideration to expand the list of applicable toxic air contaminants to include pesticides, herbicides, other metals, persistent bio-cumulative toxics, and semi-volatile organic compounds. PAR 1466 proposes to expand the list of applicable toxic air contaminants consistent with the adoption Resolution and potentially expand the applicability to other government designated sites. Other amendments to PAR 1466 are provided to clarify provisions. This action is to adopt the Resolution: 1) Certifying the Final Subsequent Environmental Assessment for Proposed Amended Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminants; and 2) Amending Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminants. (Reviewed: Stationary Source Committee, October 20, 2017)

Budget/Fiscal Impact

9933. Transfer and Appropriate Funds, Authorize Contracts, RFQ and Purchase Orders, and Execute Contract for Advanced Monitoring during Multiple Air Toxics Exposure Study V

Fine/2239

In 2018, SCAQMD will conduct the Multiple Air Toxics Exposure Study V (MATES V) to evaluate air toxics health risks in the South Coast Air District. To complement and augment the MATES V study, staff proposes a suite of advanced air monitoring techniques, including aerial and mobile measurements of air toxics. These efforts will generate detailed air toxics maps, near real-time data on emissions, better assessment of community air toxic exposure and potential air toxics impacts in environmental justice communities. These actions are to: 1) transfer \$3,558,410 from the Rule 1118 Mitigation Fund (54) to the General Fund (01) for the MATES V enhanced monitoring program; 2) appropriate funding to the Science & Technology Advancement and the Planning, Rule Development, and Area Sources budgets over FYs 2017-18, 2018-19, and 2019-20 on an as-needed basis; 3) authorize contracts for advanced air toxics measurements 4) authorize purchase orders for remote sensing measurement equipment and low-cost sensors; 5) execute a contract to deploy air quality sensors in a community and manage the resulting data and 6) authorize RFQ and purchase order for a mobile platform for the remote sensing equipment. Additional expenditures include contract costs for community organizations, mileage and supplies for community meetings, and administrative expenses to support this enhanced monitoring component of MATES V. (Reviewed: Administrative Committee, October 13, 2017; Recommended for Approval)

9943. Recognize Revenue, Issue Program Announcement for Heavy-Duty Diesel Truck Replacement Projects, Execute Agreement and Reimburse General Fund for Administrative Costs **Miyasato/3249**

In August 2017, U.S. EPA notified SCAQMD that an award had been approved under a Fiscal Year 2017 Diesel Emissions Reduction Act (DERA) solicitation in the amount of \$1,050,000 for the replacement of heavy-duty diesel trucks with CNG trucks as well as the transfer of the replaced diesel trucks to Washington State to replace older dirtier diesel trucks, which would then be scrapped. These actions are to recognize revenue up to \$1,050,000 from the U.S. EPA DERA award into the Advanced Technology, Outreach and Education Fund (17), issue a Program Announcement to solicit proposals for on-road heavy-duty diesel drayage truck replacement projects at a cost not to exceed \$1,000,000, and execute an agreement with the Puget Sound Clean Air Agency to implement the replacement projects in Washington State at a total cost not to exceed \$25,000 from the Advanced Technology, Outreach and Education Fund (17). This action is to also reimburse the General Fund for administrative costs up to \$25,000 from the Advanced Technology, Outreach and Education Fund (17). (Reviewed: Technology Committee, October 20, 2017; Recommended for Approval)

9945. Amend Contract to Develop and Demonstrate Catenary Zero Emissions Goods Movement System **Miyasato/3249**

In April 2013, the Board awarded a contract to Siemens Industry Inc. to develop and demonstrate a zero emission goods movement system using overhead catenary technology. Unexpected subsurface obstructions on Alameda Street in Carson caused delays and added cost for Siemens to redesign the system, including adding previously unbudgeted safety barriers required by the City of Carson around above-ground foundations. This action is to amend the contract with Siemens to cofund safety barriers, adding additional funds not to exceed \$430,000 from the Clean Fuels Fund (31). (Reviewed: Technology Committee, October 20, 2017; Recommended for Approval)

9942. Amend Contract for Replacement of Diesel School Buses with Electric Buses **Miyasato/3249**

The Board previously awarded contracts to replace three diesel school buses with electric buses in the amount of \$825,000, consisting of \$156,000 using U.S. EPA Diesel Emissions Reduction Act (DERA) funds recognized in the Lower-Emission School Bus Replacement & Retrofit Program Fund (33) and \$669,000 from the Lower-Emission School Bus Program. The Colton Joint Unified School District (CJUSD) has successfully completed replacement of two buses and expressed interest in cofunding one additional bus replacement. In June 2017, the Los Angeles Unified School District (LAUSD) informed staff they would be unable to cost-share their replacement bus using FY 2017-18 budget funds, but they are still committed to electric school bus replacements. To meet the U.S. EPA deadline, staff is proposing to reallocate the funds originally awarded to LAUSD to CJUSD. This action is to amend a contract with CJUSD to replace a total of three diesel school buses with electric buses, adding \$275,000 to the previous \$550,000 award for a total of \$825,000 from the Lower-Emission School Bus Replacement & Retrofit Program Fund (33). (Reviewed: Technology Committee, October 20, 2017; Recommended for Approval)

9922. Execute Contracts for FY 2016-17 "Year 19" Carl Moyer Program and SOON Provision and Transfer Funds for Truck Projects under Voucher Incentive Program **Minassian/2641**

On July 11, 2017, the Program Announcements issued for the Carl Moyer Program "Year 19" and SOON Provision closed. These actions are to execute contracts for the "Year 19" Carl Moyer Program and SOON Provision in an amount not to exceed \$27,379,771, comprised of \$23,937,451 from the SB 1107 Fund (32), \$3,251,080 from the AB 923 Fund (80), and \$191,240 in accrued interest from the Carl Moyer Program Fund (32). This action is to also execute contracts for the Carl Moyer Program and the SOON Provision in an amount not to exceed \$51,504,890 with funds to be allocated by CARB as approved under Assembly Bill AB 134 and signed by the Governor on September 16, 2017. Finally, this action is to transfer \$2 million from the Carl Moyer Program AB 923 Fund (80) to the Voucher Incentive Program Fund (59) to continue funding truck replacement projects on a first-come, first-served basis. (Reviewed: Technology Committee, October 20, 2017; Recommended for Approval)

9923. Amend Contract for Tier 4 Passenger Locomotives **Minassian/2641**

Under the "Year 16" Carl Moyer Program Announcement released on March 7, 2014, the Southern California Regional Rail Authority (SCRRA) submitted a proposal requesting \$58.85 million to cofund the replacement of 17 and the purchase of 3 new Tier 4 locomotives. On September 4, 2015, the Board awarded \$22.85 million to SCRRA from the Carl Moyer Program AB 923 Fund (80), with a commitment to consider the remaining \$36 million over four phases. The first addition of \$9 million was approved by the Board on December 2, 2016. The SCAQMD's cost-share of this \$129 million project is only for the replacement component of the project. This action is to amend SCRRA's contract, adding an additional \$9 million for a revised total of \$40.85 million from the Carl Moyer Program AB 823 Fund (80). The remaining \$18 million requested by SCRRA will be considered over two phases in future Board requests. (Reviewed: Technology Committee, October 20, 2017; Recommended for Approval)

9941. Transfer Funds for Enhanced Particulate Monitoring Program **Low/2269**

This action is to transfer up to \$180,000 into Science and Technology Advancement's FY 2017-18 Budget between Major Objects to realign expenditures for the FY 2017-18 Enhanced Particulate Monitoring Program. (Reviewed: Administrative Committee, October 13, 2017; Recommended for Approval)

9944. Revise Procurement Policy and Procedure **O'Kelly/2828**

This action is to revise SCAQMD's Procurement Policy and Procedure to clarify awarding Local Business preference points. (Reviewed: Administrative Committee, October 13, 2017; Recommended for Approval)

9818. Approve Contract Awards and Modifications Approved by MSRC **Pettis**

Action Item/No Fiscal Impact

9938. Annual Report on 457 Deferred Compensation Plan **O'Kelly/2828**

SCAQMD sponsors an IRS-approved 457 deferred compensation program for its employees. The Annual Report addresses the Board's responsibility for monitoring the activities of the Deferred Compensation Plan Committee and ensuring the Committee carries out its fiduciary duties and responsibilities under the Committee Charter. This action is to file the annual report. (Reviewed: Administrative Committee, October 13, 2017; Recommended for Approval)

9951. Establish Board Meeting Schedule for Calendar Year 2018 **Nastri/3131**

The proposed Board Meeting Schedule for Calendar Year 2018 is submitted for Board consideration. The Administrative Committee meeting schedule (second Friday of the month), as well as the other standing committee meetings, is included for information only. (Reviewed: Administrative Committee, October 13, 2017; Recommended for Approval)

Items XX through XX - Information Only/Receive and File

9828. Legislative, Public Affairs and Media Report **Alatorre/3122**

This report highlights the September 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)

9937. Hearing Board Report **Prussack/2500**

This reports the actions taken by the Hearing Board during the period of September 1 through September 30, 2017. (No Committee Review)

9895. Civil Filings and Civil Penalties Report **Wiese/3460**
- This reports the monthly penalties from September 1 through September 30, 2017, and legal actions filed by the General Counsel's Office from September 1 through September 30, 2017. An Index of District Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, October 20, 2017)
9931. 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 September 1, 2017 and September 30, 2017, and those projects for which the SCAQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, October 20, 2017)
9803. Rule and Control Measure Forecast **Fine/2239**
- This report highlights SCAQMD rulemaking activities and public workshops potentially scheduled for the year 2017 and portions of 2018. (No Committee Review)
9939. Report of RFPs/RFQs Scheduled for Release in November **O'Kelly/2828**
- This report summarizes the RFPs/RFQs for budgeted services over \$75,000 scheduled to be released for advertisement for the month of November. (Reviewed: Administrative Committee, October 13, 2017; Recommended for Approval)
9929. 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, October 13, 2017)
9934. Audit Reports of AB 2766 Fee Revenue Recipients for Fiscal Years Ending June 30, 2014 and 2015 **O'Kelly/2828**
- Health and Safety Code 44244.1 requires any agency that receives fee revenues subvned from the Department of Motor Vehicles to be audited once every two years. This audit of SCAQMD's share, MSRC's share, and local governments' share of such subvned funds, performed by independent Certified Public Accountants, has been completed. (Reviewed: Administrative Committee, October 13, 2017; Recommended for Approval)

9950. Fiscal Year 2017-18 Goals and Priority Objectives First Quarter Status Report **O'Kelly/2828**

The Board approved the Fiscal Year 2017-18 Goals and Priority Objectives as part of the budget adoption process. Staff committed to reporting on the status of the Goals and Priority Objectives on a quarterly basis using a dashboard approach. (Reviewed: Administrative Committee, October 13, 2017)

XX. Items Deferred from Consent Calendar

BOARD CALENDAR

- | | | |
|---|-----------------------|-----------------------|
| 9651. Administrative Committee (Receive & File) | Chair: Burke | Nastri/3131 |
| 9823. Legislative Committee | Chair: Mitchell | Alatorre/3122 |
| 9777. Mobile Source Committee (Receive & File) | Chair: Parker | Fine/2239 |
| 9849. Stationary Source Committee (Receive & File) | Chair: Benoit | Tisopulos/3123 |
| 9590. Technology Committee (Receive & File) | Chair: Buscaino | Miyasato/3249 |
| 9838. Mobile Source Air Pollution Reduction Review Committee (Receive & File) | Board Liaison: Benoit | Minassian/2641 |
| 9936. California Air Resources Board Monthly Report (Receive & File) | Board Rep: Mitchell | Garzaro/2500 |

Staff Presentation/Board Discussion

9927. Status Report on Permit Backlog Reduction Effort **Tisopulos/3123**
(*Presentation in lieu of Board Letter*)

Staff will provide an update on the permit application backlog reduction and automation efforts to date. (Reviewed: Stationary Source Committee, September 15, 2017)

PUBLIC HEARINGS

XXX Certify Final Environmental Assessment and Adopt Rule 415 - **Fine/2239**
Odors from Rendering Facilities

Placeholder

9930. Certify Final Environmental Assessment and Amend Rule 1420 – **Nakamura/3105**
Emissions Standard for Lead

Rule 1420 was adopted in September 1992 with the purpose of reducing lead emissions from non-vehicular sources. On October 15, 2008, the U.S. EPA lowered the National Ambient Air Quality Standard (NAAQS) for lead from 1.5 µg/m³ to 0.15 µg/m³ averaged over a rolling 3-month period to protect public health and the environment. PAR 1420 – Emissions Standard for Lead will further protect public health from exposure to lead from facilities not covered under recently adopted Rules 1420.1 and 1420.2, and to help ensure and maintain attainment of the lead NAAQS. The SCAQMD staff is proposing an initial ambient air lead concentration limit of 0.150 µg/m³ averaged over any consecutive 30 days which will be lowered to a final limit of 0.100 µg/m³ consistent with Rules 1420.1 and 1420.2. The proposed rule also establishes requirements for enclosures, revisions to the point source lead emission limits, periodic source testing, conditional ambient air monitoring, and enhanced housekeeping. This action is to adopt the Resolution: 1) Certifying the Final Environmental Assessment for Proposed Amended Rule 1420 – Emissions Standard for Lead; and 2) Amending Rule 1420 – Emissions Standard for Lead. (Reviewed: Stationary Source Committee, September 15, 2017)

OTHER BUSINESS

9890. Amend Governing Board Meeting Procedures

Wiese/3460

This action is to amend the Governing Board Meeting Procedures, primarily to add provisions to address public decorum and meeting disruptions. In addition, the amendments will clarify the time limits for public comment and address recent changes in the law applicable when members of the public use translators to assist with providing public comment. In addition, the amendments will, in certain areas, conform the procedures to long-standing Board practice. (Reviewed: Administrative Committee, September 8, 2017 and October 13, 2017; 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 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	NGV = Natural Gas Vehicle
AQIP = Air Quality Investment Program	NOx = Oxides of Nitrogen
AQMP = Air Quality Management Plan	NSPS = New Source Performance Standards
AVR = Average Vehicle Ridership	NSR = New Source Review
BACT = Best Available Control Technology	OEHA = Office of Environmental Health Hazard Assessment
Cal/EPA = California Environmental Protection Agency	PAMS = Photochemical Assessment Monitoring Stations
CARB = California Air Resources Board	PAR = Proposed Amended Rule
CEMS = Continuous Emissions Monitoring Systems	PEV = Plug-In Electric Vehicle
CEC = California Energy Commission	PHEV = Plug-In Hybrid Electric Vehicle
CEQA = California Environmental Quality Act	PM10 = Particulate Matter \leq 10 microns
CE-CERT = College of Engineering-Center for Environmental Research and Technology	PM2.5 = Particulate Matter \leq 2.5 microns
CNG = Compressed Natural Gas	PR = Proposed Rule
CO = Carbon Monoxide	RECLAIM=Regional Clean Air Incentives Market
CTG = Control Techniques Guideline	RFP = Request for Proposals
DOE = Department of Energy	RFQ = Request for Quotations
EV = Electric Vehicle	SCAG = Southern California Association of Governments
FY = Fiscal Year	SIP = State Implementation Plan
GHG = Greenhouse Gas	SOx = Oxides of Sulfur
HRA = Health Risk Assessment	SOON = Surplus Off-Road Opt-In for NOx
LEV = Low Emission Vehicle	SULEV = Super Ultra Low Emission Vehicle
LNG = Liquefied Natural Gas	TCM = Transportation Control Measure
MATES = Multiple Air Toxics Exposure Study	ULEV = Ultra Low Emission Vehicle
MOU = Memorandum of Understanding	U.S. EPA = United States Environmental Protection Agency
MSERCs = Mobile Source Emission Reduction Credits	VOC = Volatile Organic Compound
MSRC = Mobile Source (Air Pollution Reduction) Review Committee	ZEV = Zero Emission Vehicle
NATTS = National Air Toxics Trends Station	
NESHAPS = National Emission Standards for Hazardous Air Pollutants	

INFORMATIONAL ATTACHMENT

Rule and Control Measure Forecast

BOARD MEETING DATE: October 6, 2017

AGENDA NO. 21

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights SCAQMD rulemaking activities and public workshops potentially scheduled for 2017 and portions of 2018.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Wayne Nastri
Executive Officer

PMF:SN:AF:RM

2017 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.

415*	Odors from Rendering Facilities
Proposed Rule 415, per the Chair's suggestion, is being returned to the 2017 Rule Forecast Report for November.	
1148.3	Requirements for Natural Gas Underground Storage Facilities
Rule 1148.3 is being moved from November to TBD. On July 17, 2017, the Office of Administrative Law approved the California Air Resources Board's regulation for Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities, which will implement provisions staff was considering for Proposed Rule 1148.3. SCAQMD staff will continue to work with CARB to ensure implementation of their regulation will include monitoring provisions and requirements to limit designation of critical components.	

1153.1	Emissions of Oxides of Nitrogen from Commercial Food Ovens
Rule 1153.1 is being moved from December to TBD 2018 to allow staff to review source tests and permitting information to determine if amendments are necessary to address applicability and technological feasibility of low-NOx burner technologies for new, and some existing commercial food ovens.	
1180*	Refinery Fenceline and Community Air Monitoring
Based on comments from stakeholders received during the Stationary Source Committee meeting, Committee Members approved postponement of the Public Hearing from November to December 1, 2017. Stakeholders requested additional time to review and provide additional comments on upcoming revisions to the PR 1180 Fenceline and Community Air Monitoring Guidelines.	
1407* 1407.1	Control of Emissions of Arsenic, Cadmium and Nickel from Non-Ferrous Metal Operations
Proposed Amended Rule 1407 and Proposed Rule 1407.1 are being moved from November to 1st Quarter 2018 to allow for more time to collect data, conduct testing and to work with stakeholders.	
1410*	Hydrogen Fluoride Use at Refineries
Rule 1410 is being moved from December to 1st Quarter 2018 to allow staff to work with stakeholders on the proposed rule and to provide time to develop the CEQA and socioeconomic analysis.	
1426*	Emissions from Metal Finishing Operations
Rule 1426 is being moved to TBD 2018 to allow staff to focus on proposed amendments to Rule 1469.	
1445	Control of Toxic Emissions from Laser Arc Cutting
Rule 1445 is being moved to TBD 2018 due to staff resources and other higher-priority rules.	
1469*	Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations
Proposed Amended Rule 1469 is being moved from December 2017 to January 2018 to allow additional time for staff to complete emissions testing of tanks needed for the proposed amended rule.	

2017 MASTER CALENDAR

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

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

2017

Month	Title and Description	Type of Rulemaking
November		
415*	Odors from 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 require: building enclosures unless operations are in a closed system, 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
1420	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/m ³ . Proposed Rule 1420 will establish requirements for lead-emitting sources that are not covered under Rules 1420.1 and 1420.2 to ensure compliance with the lead NAAQS. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i>	Toxics
December		Type of Rulemaking
1180*	Refinery Fenceline and Community Monitoring Proposed Rule 1180 will establish requirements for fenceline and community air monitoring at and near petroleum refineries. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other
1466	Control of Particulate Emissions from Soils with Toxic Air Contaminants Rule 1466 was adopted on July 7, 2017. The adoption resolution directed staff to return to the Board as early as practicable to amend the rule to expand the list of applicable toxic air contaminants. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i>	Toxics

2017 MASTER CALENDAR
2017 To-Be-Determined

To-Be-Determined	Title and Description	Type of Rulemaking
102	<p>Definition of Terms</p> <p>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</p> <p>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</p> <p>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</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 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 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP

2017 MASTER CALENDAR
2017 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1106 1106.1	<p>Marine Coating Operations</p> <p>Pleasure Craft Coating Operations</p> <p>(This item was previously submitted to the Board, but rejected. It will be brought back for Board direction.)</p> <p>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><i>Philip Fine 909.396.2239 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other
1107 ⁺	<p>Coating of Metal Parts and Products (CTS-02)</p> <p>Potential amendments to Rule 1107 would further reduce VOC emissions and improve rule clarity and enforceability.</p> <p><i>Philip Fine 909.396.2239 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1111 1111.1	<p>Reduction of NOx Emissions from Natural Gas Fired, Fan-Type Central Furnaces</p> <p>Rule 1111 may be amended to address compliance challenges.</p> <p>Reduction of NOx 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><i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1113	<p>Architectural Coatings</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

2017 MASTER CALENDAR
2017 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1123 ⁺	<p>Refinery Process Turnarounds (MCS-03) Proposed amendments will implement Control Measure MSC-03 of the 2007 AQMP by establishing procedures that better quantify emission impacts from start-up, shutdown or turnaround activities. <i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1135	<p>Emissions of Oxides of Nitrogen from Electric Power Generating Systems At the December 4, 2015 Board meeting, Rule 2001 - Applicability was amended, allowing for an off-ramp from the NO_x RECLAIM program for electricity generating facilities (EGF) operating at Best Available Control Technology (BACT) or Best Available Retrofit Control Technology (BARCT) NO_x emission levels. Any EGF that opts out of the NO_x RECLAIM program would 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 an EGF facility to maintain compliance with NO_x RECLAIM emission limits; an 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. <i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other
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. <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. <i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other

2017 MASTER CALENDAR
2017 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1146, 1146.1, 1146.2 ^{*,+}	Emissions of Oxides of Nitrogen Amendments to Rules 1146, 1146.1, and 1146.2 may be necessary to respond to advancements in ultra-low NO _x burner technology and selective catalytic reduction (SCR) applicability. <i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other
1148.1 1148.2	Oil and Gas Production Wells Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers Amendments to Rule 1148.2 may be needed to address community notification procedures, the inclusion of water injection wells, and potentially other measures based on an evaluation of information collected since the last rule adoption. <i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other
1148.3	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>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other
1150.1	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. <i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other
1151	Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations Depending on the final recommendations of the tBac white paper and the actions of the Scientific Review Panel for the Office of Environmental Health Hazard Assessment (OEHHA), reassessment of the limited tBac exemption in the Rule will occur. <i>Philip Fine 909.396.2239 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other

2017 MASTER CALENDAR
2017 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1173 ⁺	Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants Proposed revisions to Rule 1173 are being considered based on recent U.S. EPA regulations and CARB's oil and gas regulations. <i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other
1177 ⁺	Liquefied Petroleum Gas Transfer and Dispensing (2012 AQMP FUG-02) Potential amendments may be proposed to include additional sources of emissions from the dispensing and transfer of LPG. <i>Philip Fine 909.396.2239 CEQA and Socio: Jillian Wong 909.396.3176</i>	AQMP
1188 ⁺	VOC Reductions from Vacuum Trucks (FUG-01) The proposed rule will establish VOC emission standards and other requirements associated with the operation of vacuum trucks not covered by Rule 1149 – Storage Tank and Pipeline Cleaning and Degassing. <i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i>	AQMP
1190, 1191, 1192, 1193, 1194, 1195, 1196, & 1186.1	Fleet Vehicle Requirements Amendments to Rule 1190 series fleet rules may be necessary to address implementation. In addition, the current fleet rules may be expanded to achieve additional air quality and air toxic benefits. <i>Ian MacMillan 909.396.3244 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other

2017 MASTER CALENDAR
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 electricity generating facilities (EGFs) 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 EGFs 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 EGFs 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>1902</p>	<p>Transportation Conformity</p> <p>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>	<p>Other</p>

2017 MASTER CALENDAR
2017 To-Be-Determined (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
1905	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 and Socio: Jillian Wong 909.396.3176</i>	Other
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
Reg. XVI	Mobile Source Offset Programs Amendments to various Regulation XVI rules will be proposed to address the recent U.S. EPA proposed disapproval of such rules including Rule 1610. <i>Philip Fine 909.396.2239 CEQA and Socio: Wong 909.396.3176</i>	Other
Reg. XVII	Prevention of Significant Deterioration Proposed amendments to Regulation XVII will align the SCAQMD's Prevention of Significant Deterioration program with federal requirements. <i>Carol Gomez 909.396.3264 CEQA and Socio: Jillian Wong 909.396.3176</i>	Other
Reg. XXIII	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. <i>Philip Fine 909.396.2239 CEQA and Socio: Jillian Wong 909.396.3176</i>	AQMP

2017 MASTER CALENDAR
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 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 affected by the AQMP's Facility-Based Measures.</p> <p><i>Philip Fine 909.396.2239 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><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's Statewide Air Toxic Control Measures or U.S. EPA's National Emission Standards for Hazardous Air Pollutants.</p>	Other

2018
First Quarter of 2018

To-Be-Determined	Title and Description	Type of Rulemaking
408	<p>Proposed Amendments to Rule 408 – Circumvention</p> <p>Rule 408 is being added to the rule forecast calendar for January 2018 to address specific circumstances found during recent inspections and monitoring efforts related to toxic metal emissions. The proposed amendment would clarify that, except in the case of nuisance odors or impact to the health or safety of any member of the public, the rule prohibits the installation or use of any equipment that results in uncontrolled emissions of air contaminants or the concealment of emissions.</p> <p><i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other
1118.1	<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 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.</p> <p><i>Michael Krause 909.396.2706 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other
1178	<p>Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities</p> <p>Rule 1178 is proposed to be amended to allow the use of a flexible enclosure and other options allowed under the U.S. EPA Storage Tank Emission Reduction Partnership Program (STERPP) for floating roof storage tanks equipped with a slotted guide pole. Under the existing language in Rule 1178, storage tanks are limited to two compliance options for control of VOC emissions from slotted guide poles. Expanding the allowable options for VOC control is not expected to result in additional VOC emissions from floating roof storage tanks.</p> <p><i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i></p>	Other

2018
First Quarter of 2018 (continued)

To-Be-Determined	Title and Description	Type of Rulemaking
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. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i>	Toxics
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
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

Second Quarter of 2018

To-Be-Determined	Title and Description	Type of Rulemaking
1435	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>	Toxics

Fourth Quarter of 2018

To-Be-Determined	Title and Description	Type of Rulemaking
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

2018 MASTER CALENDAR
2018 To-Be-Determined

To-Be-Determined	Title and Description	Type of Rulemaking
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
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. <i>Susan Nakamura 909.396.3105 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