



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

Thursday November 9, 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 October 13, 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. Permit Application Backlog Reduction Report
(**No Motion Required**)
Staff will provide an end of fiscal year report on the permit application backlog reduction and automation efforts.

*Laki Tisopulos, Ph.D.
Deputy Executive Officer,
Engineering & Permitting*

5. Rule 415 – Odors from Rendering Operations
(**No Motion Required**)
Staff will provide a summary of the adopted rule and implementation schedule.

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

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 October 2017.
[Attachment 2 - 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 -** Friday, December 8, 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 13, 2017 Meeting Minutes
[Attachment 1 – Meeting Minutes]**



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

MEMBERS PRESENT:

Ben Benoit, Mayor Pro Tem, City of Wildomar and LGSBA Chairman
Felipe Aguirre
Paul Avila, P.B.A. & Associates
Geoffrey Blake, Metal Finishers of Southern California
Todd Campbell, Clean Energy
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:

Janice Rutherford, Supervisor, Second District, San Bernardino County
Rachelle Arizmendi, Mayor Pro Tempore, City of Sierra Madre
Maria Elena Kennedy, Kennedy Communications
LaVaughn Daniel, DancoEN

OTHERS PRESENT:

Mark Abramowitz, Board Member Consultant (*Lyou*)
David Czmanske, Board Member Consultant (*Cacciotti*)

SCAQMD STAFF:

Derrick Alatorre, Deputy Executive Officer
Philip M. Fine, Deputy Executive Officer
Fabian Wesson, Asst. Deputy Executive Officer/Public Advisor
Nancy Feldman, Principal Deputy District Counsel
Philip Crabbe, Community Relations Manager
Mike Morris, Program Supervisor
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 September 8, 2017 Meeting Minutes/Review of Follow-Up/Action Items

Chair Benoit called for approval of the September 8, 2017 meeting minutes.

Mr. Bill LaMarr indicated that JoKay Ghosh should be referred to by her title Dr. instead of Ms. The September 8, 2017 minutes will be amended to reflect the change.

Chair Benoit called for approval as amended. The minutes were approved unanimously.

Agenda Item #3 – Follow Up/Action Items

Mr. Derrick Alatorre indicated the request for a presentation on permit streamlining will be agendized for the November meeting.

Ms. Rita Loof indicated that she has had a long standing request for a presentation on Rule 219. Ms. Loof stated in particular, at the May Governing Board meeting there was a commitment made to the Board by staff that outreach would be done on the new recordkeeping requirements. The form was found on the website, but it was not easy to find. Mr. Alatorre indicated that he will check with staff to see if they are ready to present on that rule.

Action Item: Check with staff as to when a presentation on Rule 219 can be agendized.

Agenda Item #4 – Summary of Recent Amendment to Rule 1401 – New Source Review of Toxic Air Contaminants

Mr. Mike Morris provided a summary of amendments to Rule 1401, which were adopted on September 1, 2017.

Mr. Paul Avila asked if the Office of Environmental Health Hazard Assessment (OEHHA) regulation is set in concrete, and how do you interpret it. Mr. Morris indicated there is a lot of wiggle room as to how the guidelines are determined, we use them for the AB 2588 program, and other air agencies can do their own risk analysis.

Mr. LaMarr inquired about the images on the slides showing a car in a spray booth, if the spray booths include industries other than automotive. Mr. Morris indicated that Rule 1401 applies to all spray booths, not just automotive.

Mr. LaMarr asked what toxic materials an average body shop would be applying. Mr. Morris responded that more than 85% are not using toxic materials, but about 12% to 13% are using toxics and are listed on the Material Safety Data Sheets (MSDS). Mr. LaMarr further inquired that under the coatings tables in Rule 1151, which regulates auto body shops, and does not recall seeing anything about toxics. Mr. Morris replied that the rule regulates VOC content and other application issues, but it doesn't say what type of chemicals facilities can or cannot use in the rule, such as ethylbenzene, which is why they end up getting pulled into Rule 1401.

Mr. LaMarr stated that in the furniture industry, many use paint booths. Mr. Morris stated many do, but staff did not see a large number that use solvent-based coatings. However, once we did the further analysis, we felt comfortable moving forward. Those that used hexavalent chromium had control devices on their equipment, and there is an increase in cost because of larger blowers and increased electricity use, which is the only impact we've seen from the spray booth revisions that staff looked at.

Mr. Avila asked if the technology in paint now and in the future going to be the reason for reductions. Mr. Morris responded that paint has evolved greatly in the last 20 years formulating away from VOCs and toxins, which has reduced air pollution a great deal.

Ms. Loof questioned if staff is saying that 1% of the 327 facilities are going to have issues with Rule 1401, and asked what the 1% will look like; if it will include aerospace facilities with the hexavalent chrome issues, maybe some with ethylbenzene issues, and if manufacturers will be included. Mr. Morris replied it is not an ethylbenzene issue per se, it would be facilities that want to spray heavy metals. We've seen them in aerospace, but it can be in other industries as well. Ms. Loof further indicated comments at the last Governing Board meeting, some Board Members were asking about incorporating a mechanism to inform people about alternatives to those materials. Ms. Loof asked if there is any thought in Rule 1401 about doing that kind of outreach or basic provision of basic information stating here are technologies you can use. Mr. Morris responded that Rule 1401 is a difficult place to do that, it doesn't cover just coatings, it's a very wide range in rule. On a rule by rule basis it has to be looked at and is a process that we can consider.

Mr. LaMarr stated that at possibly the Stationary Source meeting, the estimate from California Air Resources Board (CARB) indicated it would take until the end of the year working with staff to assess the difference of what the emissions factor is between the two agencies. Mr. LaMarr asked if that has changed or if we are still looking at the end of the year. Mr. Morris replied that CARB staff was making an optimistic estimate. There are studies that have to be completed by other entities. Mr. Morris indicated that it's a public process where we have to get together to decide what the right emission factor should be; therefore, it could be the end of the year, it could be earlier.

Mr. John DeWitt asked, looking at the service station industry, it theoretically went from 95% recapture into the automobile to 98%, which per site was very expensive, how is that being measured? Mr. DeWitt asked if a tent is put over it to catch emissions or is staff just guessing. Mr. Morris replied it is not a guess, there have been studies done looking at different aspects of the emission recovery system, either the storage tank itself or the fueling process. There has been new data that has come out regarding on-board refueling vapor recovery (ORVR) system, which looks at the effectiveness of the equipment. The study has been completed, but the information hasn't been peer reviewed or provided to the public yet. Mr. DeWitt asked as a follow-up if that means that a tent was put over the site or if a computer model was used. Mr. Morris stated that a computer model was not used, but they are looking at the specific aspects of the testing, the different parts of the emission control system, and reviewing it that way as opposed to reviewing it as a whole. One of the examples they did was a system that was only ORVR equipped vehicles, but no secondary control for the storage tank, then measured it that way. However, in this combined process, recently they have done testing of the exhaust for both the storage tank and vehicle at the same time.

Mr. Avila asked if an old gas station with a building and a couple of pumps puts in a new building and adds pumps, is it considered new. Mr. Morris answered if they are adding in new pumps, it's a new source.

Mr. DeWitt asked if you have the Best Available Control Technology (BACT), what does limiting the through-put do? Mr. Morris indicated that even with the top of the line equipment and new systems going in, they still emit a little bit of gasoline vapors, which have benzene and other toxic materials. We look at that emission and determine what the risk is to the nearest receptors, workers, residents, but that

one gas station they will come in and do an additional Tier 4 analysis in order to show they can be allowed that much through-put.

Mr. LaMarr inquired what a Tier 4 analysis is. Mr. Morris replied that when staff performs a risk analysis, we have a screening table, and if they come below that number, then we say they can have that through-put. However, if they are above that number, they have to do a computer analysis, where they input the geography, the meteorological conditions, the nearest receptors, and calculate what the risk is to the nearest receptor, whether it be a worker or a residence. It is basically a model that we use to determine the risks for these nearby places.

Mr. DeWitt asked if there is staff that can explain the reality of the testing. Mr. Morris indicated we have staff that can discuss the models in much more details.

***Action Item:** Staff to contact Mr. John DeWitt to discuss service station models.*

Mr. Avila inquired if there is much deviation in replacing tanks, and if that is factored into the study. Mr. Morris replied that as far as the old tanks versus the new tanks, all of the dispensing facilities have new tanks. They're not allowed to operate if they have the new tanks. Mr. Avila asked about the life expectancies of the old and new tanks. Mr. Morris indicated that he was not sure of the the life expectancy; however, staff did notice that a lot of the old tanks were leaking.

Mr. LaMarr asked what the impact or amount of caprolactam is in gasoline. Mr. Morris indicated as far as he knew, there is no use of caprolactam in gasoline, it is found, for the most part, in the resin operations, and Rule 1141 requires controls.

Mr. David Rothbart inquired, getting to the analysis, as OEHHHA has changed their methodology, which is easier to go over thresholds, if staff has seen permit applicants using HARP more than they used to and if it has become standardized. Mr. Morris indicated he was not sure as to whether he can answer that question, if we do see more work done on the front side of the analysis where someone is ready to submit a permit and do the analysis themselves. We have noticed a small increase in having to do the analysis ourselves for certain permits. Mr. Rothbart further asked if the gasoline stations were aware that if they went to a dispersion model, that they can increase their through-put. Mr. Morris responded that based on their associations that participate in the rule development process are very much aware.

Agenda Item #5 – Summary End-of-Year Report on State Legislature's and Governor's Actions on 2017 Legislation, and Cap and Trade

Mr. Philip Crabbe provided a summary of the Legislature and Governor's actions on 2017 Legislation, as well as Cap and Trade

Mr. Avila asked if someone can present a Cap and Trade 101. Mr. Alatorre responded we can agendize it for possibly early next year.

***Action Item:** Agendize a presentation on Cap and Trade.*

Mr. Dewitt asked, with all the funding coming in, if the District still needs the cost of living increase, etc. Per Mr. Alatorre, the monies are dedicated to emission reductions; therefore, they are not used for anything else outside of that.

Ms. Loof inquired if any of the funds are accessible to stationary sources, or only to mobile sources. Mr. Alatorre replied some will be available to stationary sources, but the vast majority will go to mobile sources.

Mr. Alatorre indicated there can potentially be more than the cap and trade money we are getting since there is no sunset date for AB1274. Mr. Todd Campbell stated that AB134 money is used for Proposition 1B guidelines. Mr. Alatorre commented that it will be competitive if you want cap and trade money, we will have to vie for the money, which will be up to staff who is already working on it.

Mr. Avila asked if all air districts in California are competing for Carl Moyer money. Mr. Crabbe replied we will get 43%, San Joaquin 32%, and so on, basically those districts where there is a need. Mr. Avila further asked if the Cash for Clunkers program has died off, to which Mr. Crabbe indicated it is now the Replace Your Ride program.

Mr. DeWitt asked if we can get a printout of Mr. Crabbe's presentation. Mr. Crabbe indicated he will provide his summary.

Action Item: *Provide the legislation summary to the LGSBA members.*

Mr. Rothbart asked how things are going on funding for the AQMP under this program. Mr. Crabbe indicated it is the mobile source funding for Carl Moyer that will feed into the AQMP. Mr. Alatorre indicated we got \$107.5 million dollars, but potentially another pot of money between \$200 and \$300 million, with grants from different categories.

Mr. LaMarr commented that the 2016 AQMP has a number of voluntary emission reduction measures, with the majority going to mobile sources. Mr. LaMarr asked if that will eventually impact stationary sources. Dr. Phil Fine responded that the concern is if we can't get the funding needed to incentivize a change, and we need to get to attainment, will the burden fall on stationary sources. Mr. LaMarr further asked if there are sufficient funding to meet the needs of stationary sources that have a responsibility under the 2016 AQMP. Dr. Fine indicated we pass rules that must be complied with, and there are some select cases where we provide financial incentives. However, in general we don't provide incentive funding to comply with rules and regulations, we provide incentives funding to go above and beyond or to accelerate emission reductions. Of those incentives we will allocate funding if there is affordability, but to accelerate above and beyond rules and regulations that can be deemed feasible. Mr. LaMarr indicated that BACT and BARCT are in flux, and staff is going to impose more stringent measures, which will likely have more costly measures. Per Mr. LaMarr, many are thinking that this might be the incentive funding discussed during the preparation of the AQMP to assist industry cross the goal line. Dr. Fine responded that when we talked about the 14 billion over fifteen years, we estimated that we could find about one to two billion, cost-effective NOx reductions on the stationary source side, which is very preliminary estimates. The goal is that it would all go to mobile sources, some would go to stationary as long as it's cost-effective.

Mr. Eddie Marquez requested, when staff provides the legislative update, if staff can include how the bills work with each other, for instance AB 1647 working with and aligning with AB 617 (refinery bill, fence line monitoring). Dr. Fine replied that those two pieces of legislation developed independently. We are hoping that the refinery monitoring requirements in AB 1647 will align very closely with the community monitoring requirements of AB 617, and we hope that CARB would see it the same way.

Agenda Item #6 –Monthly Report on Small Business Assistance Activities

No comments.

Agenda Item #7 - Other Business

Mr. DeWitt referenced a meeting a few days ago relating to the permitting program and asked when the group will receive a presentation on permit streamlining.

Action Item: Agendize a presentation on permit streamlining.

Ms. Loof asked for a presentation on the actions to implement the recommendations on the AQMP white papers, specifically the facility modernization paper, which involved a lot of incentives. Ms. Loof questioned what happened to the proposals and how will success be monitored in the industry.

Action Item: Agendize a presentation on the AQMP facility modernization white paper.

Mr. Rothbart requested for a presentation on Rule 1110.2 as they have had to try to lower their emission limits, but are not able to demonstrate these technologies. In experimentation, they have to pay further fees and are required to comply with a side rule as far as having incentives not to flare biogas. If they aren't successful, they will have a flare, but they aren't supposed to have a flare.

Action item; Agendize a presentation on Rule 1110.2.

Agenda Item #8 - Public Comment

No comments.

Adjournment

The meeting adjourned at 12:46 p.m.

AGENDA ITEM #6

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



Small Business Assistance Report on October 2017 Activities

for
LG&SBA Advisory Group Meeting of
11/9/2017

Services Offered – October

- Permit Application Assistance 226
- Fee Review Committee Request 4
 - 2 Granted (Payment Plan, Permit Reinstatement)
 - 1 Research (Permit Reinstatement)
 - 1 Denied (Permit Reinstatement)
- Clearance Letters Issued 92

11/9/2017

October 2017 Report

Permit Assistance – October

- 226 Activities Providing Help with Permit Applications. Examples include:
 - 36 Manufacturing Facilities
 - 27 Retail Stores
 - 23 General Contractors/Consultants/Architects
 - 23 Restaurants
 - 16 Auto Body Shops
 - 16 Storage & Distribution Centers
 - 13 Food/Beverage Production Facilities
 - 10 Dry Cleaners

11/9/2017

October 2017 Report

Activities – October

- Issued 92 Clearance Letters
- Event(s) Attended
 - Clean Air Awards in Los Angeles
 - Taste of Soul in Los Angeles

11/9/2017

October 2017 Report

Dry Cleaner Grants Issued (as of 10/2017)

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

11/9/2017

October 2017 Report

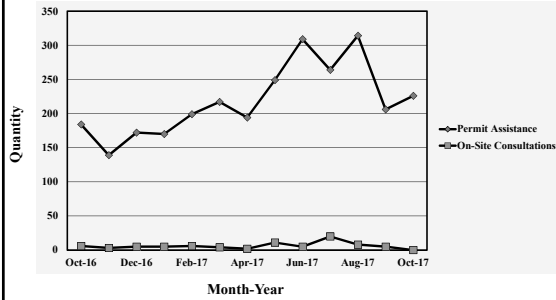
Small Business Activity October 2016 – October 2017

| ACTIVITY | Permit Assistance | On-Site Consultations | Variance Assistance | Fee Review Requests | Clearance Letters |
|----------|-------------------|-----------------------|---------------------|---------------------|-------------------|
| Oct-2016 | 184 | 6 | 1 | 5 | 20 |
| Nov-2016 | 129 | 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 |
| Oct-2017 | 226 | 0 | 0 | 4 | 92 |
| TOTAL | 2843 | 80 | 6 | 49 | 845 |

11/9/2017

October 2017 Report

Small Business Activity October 2017



11/9/2017

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

0/Absent
 1/Attended
 E/Excused

INFORMATIONAL ATTACHMENT

December 1, 2017 Governing Board Meeting Draft Agenda

11/2/2017 5:35 PM

DRAFT

MEETING, DECEMBER 1, 2017

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

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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
- Election of Chair for Term January 2018 – January 2020
- Election of Vice Chair for Term January 2018 – January 2020
- Recognize Employees with Twenty-Five, Thirty, Thirty-Five and Forty Years of Service **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

9959. Approve Minutes of November 3, 2017 Board Meeting **Garzaro/2500**
9961. Set Public Hearing January 5, 2018 to Consider Adoption of and/or Amendments to SCAQMD Rules and Regulations **Nastri/3131**
9975. Set Public Hearing January 5, 2018 to Determine That Proposed Amendments to Rules 2001 and 2002 Are Exempt from CEQA and Amend Rule 2001 – Applicability and Rule 2002 – Allocations for Oxides of Nitrogen (NO_x) and Oxides of Sulfur (SO_x) **Nakamura/3105**

The adoption Resolution of the Final 2016 Air Quality Management Plan directed staff to achieve additional NO_x emission reductions and to transition the Regional Clean Air Incentives Market (RECLAIM) program to a command and control regulatory structure as soon as practicable. Proposed Amended Rule 2001 will commence the initial steps of this transition by ceasing any future inclusions of facilities into NO_x RECLAIM and will also address facilities that will be required to exit or that elect to exit the RECLAIM program. Proposed Amended Rule 2002 will address the RECLAIM Trading Credit holdings for facilities that will be required to exit or that elect to exit from RECLAIM. (Reviewed: Stationary Source Committee, November 17, 2017)

Budget/Fiscal Impact

9970. Recognize Revenue, Appropriate Funds and Execute Contract to Evaluate Potential Nationwide Economic Impacts of Federal Clean Air Investment Fund **Fine/2239**

SCAQMD staff is proactively seeking federal support to create a Clean Air Investment Fund (CAIF), which will enable air quality improvement projects nationwide and provide the critical financing urgently needed by SCAQMD and other non-attainment areas. To help garner federal support, staff recommends execution of a sole source contract with ICF to evaluate the potential nationwide economic impacts and benefits of clean air investments. The evaluation will focus on using the CAIF to accelerate the deployment of clean heavy-duty trucks, the segment which is currently the primary source of NOx emissions. This action is to recognize revenue and appropriate up to \$100,000 from Bay Area Air Quality Management District and appropriate up to \$130,000 from the General Fund Undesignated (Unassigned) Fund Balance, for a total appropriation of \$230,000 into Planning, Rule Development and Area Sources' FY 2017-18 Budget. This action is to also award a sole source contract to ICF in an amount not to exceed \$230,000. Staff continues to seek funding from other interested parties to assist with project costs. (Reviewed: Administrative Committee, November, 9, 2017; Recommended for Approval)

9969. Issue Request for Proposals for Emissions Reduction Projects Using Incentive Funding from SCAQMD Special Funds, Allocate Funds, and Issue Contracts **Fine/2239**

SCAQMD is seeking to incentivize stationary and mobile source projects that will result in emission reductions of NOx, VOC, and PM, in accordance with the approved control strategy in the 2016 Air Quality Management Plan AQMP. Project funding is proposed from existing special revenue funds related to mitigation fees, settlements, set-asides or grants from other agencies. The incentives would be issued for the purpose of emission mitigation, reduced toxics exposure, and new technology development and deployment. This action is to release a Request for Proposal to solicit bids for potential projects that achieve emission reductions consistent with 2016 AQMP goals, possible co-benefits of air toxic and/or GHG reductions, deployment of advanced clean technology, and reducing air quality impacts in environmental justice areas. In addition, this action seeks approval of a sole source contract with Build it Green to incentivize deployment of solar water heating systems (Fund 27) and to direct funds to implement mobile source emissions reduction projects (Fund 39). (Reviewed: Administrative Committee, November 9, 2017; Recommended for Approval)

9982. Re-recognize \$3,000,000 from Rule 1111 Rebate Fund and Issue RFP for Consumer Rebate Program for Compliant Natural Gas-Fired, Fan-Type Central Furnaces **Nakamura/3105**

Staff will be proposing amendments to Rule 1111 - Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces to further incentivize manufacturers to commercialize compliant natural gas-fired, fan-type central furnaces. Currently, all furnace manufacturers are paying a NOx mitigation fee until they can commercialize compliant products. As part of an incentive to manufacturers, staff is developing a rebate program for consumers that purchase compliant products. The rebate program is expected to not only offset the cost for consumers to purchase a compliant furnace, but also motivate commercialization of compliant furnaces. Staff is recommending outsourcing the rebate administration and promotion of the rebate to a third party contractor. The existing Rule 1111 incentive program fund is \$3,000,000 authorized by the Board on November 6, 2009 (Agenda #30) from Fund 27 Rule 1121 Mitigation Fee Program. But because there have not been any compliant furnaces introduced into the market for purchase, the fund remains intact. This action is to (1) re-recognize the \$3,000,000 as part of the Rule 1111 rebate fund; and (2) issue an RFP to solicit proposals to administer the rebate program for consumers who purchase and install compliant furnaces in the SCAQMD. (Reviewed: Stationary Source Committee, November 17, 2017; Recommended for Approval)

9973. Execute Contract to Develop Thermal Management Strategy Using Cylinder Deactivation for Heavy-Duty Diesel Engines **Miyasato/3249**

West Virginia University, Jacobs Vehicle Systems, Inc., and Cummins Inc. propose a collaborative effort to evaluate integration of cylinder deactivation hardware in a heavy-duty 15-liter diesel engine to create better thermal management. The proposed study aims to develop a strategy to decrease fuel consumption and reduce NOx at low-load conditions to achieve 0.02 g/bhp-hr NOx over the duty cycle of a heavy-duty diesel engine. This action is to execute a contract with West Virginia University-Center for Alternative Fuels Engines and Emissions to develop a thermal management strategy using cylinder deactivation for heavy-duty diesel engines in an amount not to exceed \$250,000 from the Clean Fuels Fund (31). (Reviewed: Technology Committee, November 17, 2017; Recommended for Approval)

9974. Execute Contract to Develop and Demonstrate Near-Zero Emission-Opposed Piston Engine **Miyasato/3249**

CALSTART, Inc., has been awarded \$7 million to develop and demonstrate opposed engine-equipped Class 8 heavy-duty, line-haul trucks that meet a 0.02 g/bhp-hr NOx target, with concurrent reductions in CO2 emissions under CARB's Low Carbon Transportation Greenhouse Gas (GHG) Reduction Fund Investments. Proposed project partners include Achates Power, Inc., Peterbilt Motors Company, Walmart Logistics, Tyson Foods, Inc., San Joaquin Valley Air Pollution Control District and Sacramento Metropolitan AQMD. Total project costs are estimated to be \$16.7 million. The trucks will provide revenue service on regional long haul routes within California. This action is to execute a contract with CALSTART, Inc., to develop and demonstrate near-zero emission opposed piston engines in an amount not to exceed \$1 million from the Clean Fuels Fund (31). (Reviewed: Technology Committee, November 17, 2017; Recommended for Approval)

9952. Recognize Revenue and Appropriate Funds for 2017 Sensor Conference **Low/2269**

On September 27-28, 2017, SCAQMD hosted the "Making Sense of Sensors" Conference at SCAQMD's headquarters to share information about the technology revolution in low-cost, portable air quality sensors. The Conference, attended by more than 350 participants from 22 U.S. states and nine countries, brought together experts from the sensor industry along with government, academia, environmental and research organizations and community groups. It also featured over 40 speakers, 22 exhibitors, 27 technical posters and special tours of SCAQMD's exclusive AQ-SPEC chamber testing system. This action is to recognize revenue from cosponsors and attendee registration fees and appropriate funds to Science & Technology Advancement's FY 2017-18 Budget to reimburse expenses incurred from hosting the Conference. (Reviewed: Administrative Committee, November 9, 2017; Recommended for Approval)

9956. Amend and Execute Technical Assistance Contracts for Implementation of Incentive Funding Programs **Minassian/2641**

On June 3, 2016, the Board approved contracts for technical assistance for the demonstration and deployment of mobile and stationary source advanced technologies and implementation of incentive funding programs. The contractors were selected from proposals received in response to a solicitation issued in February 2016. Since that time, the SCAQMD has been successful in generating large amounts of incentive program funding that must be encumbered and expended expeditiously. Thus, it is necessary to increase funding for technical assistance for the implementation of incentive funding programs, including the Carl Moyer Program and the Enhanced Fleet Modernization Program (EFMP). This action is to execute two agreements with Clean Fuel Connection, Inc., a contract amendment for Carl Moyer Program technical support in an amount not to exceed \$150,000 and a new contract for EFMP implementation support in an amount not to exceed \$150,000 from, respectively, the administrative portions of the Carl Moyer Program AB 923 Fund (80) and the HEROS II Special Revenue Fund (56). (Reviewed: Technology Committee, November 17, 2017; Recommended for Approval)

9967. Amend Contract to Develop Online Application Database for Carl Moyer Program and Reimburse General Fund for Administrative Costs **Minassian/2641**

In November 2015, the Board approved a contract with Trinity Technology Group to develop an online application database for the Carl Moyer Program. This online database, which successfully launched for the "Year 19" Carl Moyer Program, greatly facilitated the application submittal process and expedited evaluation of applications. However, improvements are necessary to incorporate changes in the newly revised Carl Moyer Program Guidelines, including updated cost-effectiveness calculations and new funding categories. Other modifications are needed to improve the online application submittal experience for the participants as well. This action is to amend a contract with Trinity Technology Group to modify and enhance the existing online application database for the Carl Moyer Program in an amount not to exceed \$85,000 from the administrative portion of the Carl Moyer Program AB 923 Fund (80) and reimburse the General Fund up to \$187,500 for administrative costs from the Carl Moyer Program SB 1107 Fund (32). (Reviewed: Technology Committee, November 17, 2017; Recommended for Approval)

9978. Transfer and Appropriate Funds, Issue Purchase Orders for Field Equipment and Approve Surrender of Fixed Assets **Gilchrist/3459**

SCAQMD staff utilize a variety of field monitoring equipment to identify, characterize and quantify emissions. These tools are particularly useful when inspecting sources associated with petroleum production, refining, loading and distribution, which have fugitive emissions and are sometimes the source of public complaints. This action is to transfer and appropriate funding from the Rule 1173 Mitigation Fee Special Revenue Fund (44) to issue purchase orders to acquire additional monitoring resources to identify potential sources of shoreline and other odors and provide the equipment necessary to ensure compliance during routine inspections. This action is also to authorize the surrender of five existing Toxic Vapor Analyzers. (Reviewed: Administrative Committee, November 9, 2017; Recommended for Approval)

9832. Execute Contracts for Legislative Representation in Sacramento, California **Alatorre/3122**

At the September 1, 2017 meeting, the Board approved release of an RFP to solicit proposals for legislative representation in Sacramento, California. This action is to execute contracts with two firms, Gonzalez, Quintana & Hunter, LLC and Joe A. Gonsalves & Son, for a total amount not to exceed \$350,000. (Reviewed: Administrative Committee, November 9, 2017; Recommended for Approval)

9953. Transfer and Appropriate Funds and Amend Contracts to Provide Short- and Long-Term Systems Development, Maintenance and Support Services **O'Kelly/2828**

SCAQMD currently has contracts with several companies for short- and long-term systems development, maintenance and support services. These contracts are periodically amended as additional needs are defined. This action is to transfer and appropriate funds and amend three contracts previously approved by the Board to add additional funding for needed development and maintenance work. (Reviewed: Administrative Committee, November 9, 2017; Recommended for Approval)

9971. Amend Provisions of SCAQMD's Salary Resolution and Labor Contracts with Teamsters Local 911 and SCPEA Relating to Vacation Leave Balances **O'Kelly/2828**

Due to high priority operational needs, staff has been required to limit the use of vacation time this year. As a result, a number of employees will exceed the cap on vacation leave balances, and will be prohibited from accruing vacation time or will be required to forfeit vacation hours accrued. This proposal seeks approval of an amendment of SCAQMD's Salary Resolution and the bargaining unit MOUs, in order to suspend the limitations on vacation leave balances for 2017. (Reviewed: Administrative Committee, November 9, 2017; Recommended for Approval)

9980. Appropriate Funds and Authorize Amending Contracts with Outside Counsel and Specialized Legal Counsel and Services **Wiese/3460**

This action is to appropriate \$350,000 from Undesignated Fund Balance to Legal's FY 2017-18 Budget and amend contracts to expend these funds for prequalified counsel approved by the Board and for specialized legal counsel and services for environmental litigation. (Reviewed: Administrative Committee, November 9, 2017; Recommended for Approval)

9819. Approve Contract Awards and Modifications Approved by MSRC **Pettis**

Items XX through XX - Information Only/Receive and File

9829. Legislative, Public Affairs and Media Report **Alatorre/3122**
- This report highlights the October 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)
9966. Hearing Board Report **Prussack/2500**
- This reports the actions taken by the Hearing Board during the period of October 1 through October 31, 2017. (No Committee Review)
9896. Civil Filings and Civil Penalties Report **Wiese/3460**
- This reports the monthly penalties from October 1 through October 31, 2017, and legal actions filed by the General Counsel's Office from October 1 through October 31, 2017. An Index of District Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, November 17, 2017)
9957. 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 October 1, 2017 and October 31, 2017, and those projects for which the SCAQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, November 17, 2017)
9814. Rule and Control Measure Forecast **Fine/2239**
- This report highlights SCAQMD rulemaking activities and public workshops potentially scheduled for 2018. (No Committee Review)
9954. 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, November 9, 2017)
9958. Annual Audited Financial Statements for FY Ended June 30, 2017 **O'Kelly/2828**
- This item transmits the annual audited financial statements of the SCAQMD. The SCAQMD has received an unmodified opinion (the highest obtainable) on its financial statements. (Reviewed: Administrative Committee, November 9, 2017)

XX. Items Deferred from Consent Calendar

BOARD CALENDAR

Note: The November meeting of the Legislative Committee was canceled. The next meeting is scheduled for December 8, 2017.

- | | | | |
|-------|---|-----------------------|----------------|
| 9652. | Administrative Committee (Receive & File) | Chair: Burke | Nastri/3131 |
| 9972. | Investment Oversight Committee (Receive & File) | Chair: Cacciotti | O'Kelly 2828 |
| 9778. | Mobile Source Committee (Receive & File) | Chair: Parker | Fine/2239 |
| 9850. | Stationary Source Committee (Receive & File) | Chair: Benoit | Tisopulos/3123 |
| 9591. | Technology Committee (Receive & File) | Chair: Buscaino | Miyasato/3249 |
| 9839. | Mobile Source Air Pollution Reduction Review Committee (Receive & File) | Board Liaison: Benoit | Minassian/2641 |
| 9960. | California Air Resources Board Monthly Report (Receive & File) | Board Rep: Mitchell | Garzaro/2500 |

PUBLIC HEARINGS

- | | | |
|-------|---|-----------|
| 9932. | 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 fenceline air monitoring systems to measure a comprehensive list of criteria pollutants and toxic air contaminants. The proposal will require the submittal and approval of a plan that provides detailed information about the fenceline 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. The rule also establishes a fee schedule, to be paid by the petroleum refineries, for the cost of designing, developing, installing, operating and maintaining refinery-related community air monitoring systems. 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; 2) Adopting Rule 1180 – Refinery Fenceline and Community Air Monitoring; and 3) Approving Rule 1180 Refinery Fenceline Air Monitoring Plan Guidelines. (Reviewed: Stationary Source Committee, September 15 and October 20, 2017)

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

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 continued attainment of the lead NAAQS. The proposal will include 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)

9968. **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 of certain toxic air contaminants from earth-moving activities from sites that U.S. EPA, Department of Toxic Substances Control, Regional Water Quality Control Board, State Water Resources Control Board, or the SCAQMD have determined that the soil contains certain toxic air contaminants. During the adoption of Rule 1466, the adoption Resolution directed staff to expand the list of applicable toxic air contaminants to include pesticides, herbicides, other metals, persistent bioaccumulative toxics, and semi-volatile organic compounds. PAR 1466 proposes to expand the list of applicable toxic air contaminants consistent with the adoption Resolution and expands 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)

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 and November 9, 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 | OEHHA = 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: November 3, 2017

AGENDA NO. 18

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 Natri
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.

| | |
|---|-----------------------------------|
| 1420 | Emission Standard for Lead |
| Proposed Amended Rule 1420 is moved from November to December due to a public noticing issue. | |

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

| December | Title and Description | Type of Rulemaking |
|----------|--|--------------------|
| 1180* | Refinery Fenceline and Community Air 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 |
| 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 |
| 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 | Definition of Terms Staff may propose amendments to Rule 102 to add or revise definitions to support amendments to other Regulation XI rules. <i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i> | Other |
| 223 | 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 and Socio: Jillian Wong 909.396.3176</i> | AQMP |
| 224 | 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>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i> | Other |
| 416 | Odors from Kitchen Grease Processing 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. <i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i> | Other |
| 430 | Breakdown Provisions This rule will be amended or replaced to address specific issues raised by U.S. EPA regarding start-ups or shutdowns associated with breakdowns. <i>Tracy Goss 909.396.3106 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 |
|--------------------|---|--------------------|
| 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>Rule 1106.1 is proposed to be rescinded and Rule 1106 would subsume the requirements of 1106.1, and 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. The proposed amendment would also add provisions for pollution prevention measures, enhanced enforceability, and 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 will be amended to address development of compliant units.</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 ⁺ | 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> | AQMP |
| 1135 | Emissions of Oxides of Nitrogen from Electric Power Generating Systems Rule 2001 - Applicability allows 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. 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> | Other |
| 1136 ^{*,+} 1450 [*] | Wood Products Coatings (CTS-02) Amendments may be proposed to existing rule limits and other provisions. 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 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> | AQMP Toxics |
| 1142 | Marine Tank Vessel Operations Proposed revisions to Rule 1142 would 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> | 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 NOx 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 and Rule 1186.1 series fleet rules may be necessary to improve 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) conditional 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 would 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 would 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. Amendments are also being considered 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 | <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 and Socio: Jillian Wong 909.396.3176</i></p> | Other |
| 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 and Socio: Jillian Wong 909.396.3176</i></p> | Other |
| Reg. XVI | <p>Mobile Source Offset Programs Amendments to various Regulation XVI rules will be proposed to address the recent U.S. EPA proposed disapproval of such rules including Rule 1610. <i>Philip Fine 909.396.2239 CEQA and Socio: Wong 909.396.3176</i></p> | Other |
| Reg. XVII | <p>Prevention of Significant Deterioration Proposed amendments to Regulation XVII will align the SCAQMD's Prevention of Significant Deterioration program with federal requirements. <i>Carol Gomez 909.396.3264 CEQA and Socio: Jillian Wong 909.396.3176</i></p> | Other |
| Reg. XXIII | <p>Emissions Growth Management of Various Emissions Sources Regulation XXIII will contain rules related to emissions growth management of various emission sources including, but not limited to, new or redevelopment projects and other sources where criteria pollutant emissions associated with the region's growth may cause or exacerbate exceedance of an air quality standard. Proposed rule(s) will implement the 2007 AQMP Control Measure EGM-01 – Emission Reductions from New or Redevelopment Projects and potentially implement EGM-01 in the 2016 AQMP. Regulation XXIII may include other sources as provided in the Final 2016 AQMP. <i>Philip Fine 909.396.2239 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 |
|---|---|---------------------------|
| 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 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, and new or amended rules to implement 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

| 1st Quarter 2018 | 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 the first quarter of 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)

| 1st Quarter 2018 | 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

| 2nd Quarter 2018 | 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

| 4th Quarter 2018 | 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
2018 To-Be-Determined

| To-Be-Determined | Title and Description | Type of Rulemaking |
|-------------------------|---|---------------------------|
| 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.</p> <p><i>Tracy Goss 909.396.3106 CEQA and Socio: Jillian Wong 909.396.3176</i></p> | Other |
| 1426* | <p>Emissions from Metal Finishing Operations Proposed amendments to Rule 1426 will establish requirements to reduce nickel, cadmium and other air toxics from plating operations.</p> <p><i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i></p> | Toxics |
| 1445 | <p>Control of Toxic Emissions from Laser Arc Cutting Proposed Rule 1445 will establish requirements to reduce toxic metal particulate emissions from laser arc cutting.</p> <p><i>Susan Nakamura 909.396.3105 CEQA and Socio: Jillian Wong 909.396.3176</i></p> | Toxics |