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

Council Member Ben Benoit, LGSBA Chairman (Board Member)
Supervisor V. Manuel Perez (Board Member)
Supervisor Janice Rutherford (Board Member)
Felipe Aguirre
Mayor Pro Tempore Rachelle Arizmendi, City of Sierra Madre
Paul Avila, P.B.A. & Associates
Geoffrey Blake, Metal Finishers of Southern California
Todd Campbell, Clean Energy
LaVaughn Daniel, DancoEN
John DeWitt, JE DeWitt, Inc.
Bill LaMarr, California Small Business Alliance
Rita Loof, RadTech International
Eddie Marquez, Roofing Contractors Association
Council Member Carlos Rodriguez, City of Yorba Linda
David Rothbart, Los Angeles County Sanitation Districts

Friday, January 17, 2020 ♦ 11:30 a.m. ♦ Conference Room CC8
21865 Copley Drive, Diamond Bar, CA 91765

TELECONFERENCE LOCATION

73-710 Fred Waring Drive, Suite 222
Palm Desert, CA 92260

(The public may attend the location listed above.)

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

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54854.3(a)). Please provide a Request to Address the Committee card to the Committee Secretary if you wish to address the Committee on an agenda item. If no cards are available, please notify South Coast AQMD staff or a Board Member of your desire to speak. All agendas for regular meetings are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes each.

CALL TO ORDER

ACTION ITEMS (Items 1 through 5):

1. Call to Order/Opening Remarks — *Council Member Ben Benoit, Committee Chair*
   (No Motion Required)

2. Approval of December 13, 2019 Meeting Minutes — *Council Member Ben Benoit, Committee Chair*
   (Motion Required)
   [Attachment 1]

3. Review of Follow-Up/Action Items — *Derrick J. Alatorre, Deputy Executive Officer, Legislative, Public Affairs & Media*
   (No Motion Required)
   Staff will review the follow-up/action items identified in the previous meeting.

4. Approval of Revised Local Government & Small Business Assistance Advisory (LGSBA) Charter — *Nancy Feldman, Principal Deputy District Counsel, Legal*
   (Motion Required)
   [Attachment 2]

5. Adoption of LGSBA Group 2019 Accomplishments/2020 Goals & Objectives — *Derrick J. Alatorre, Deputy Executive Officer, Legislative, Public Affairs & Media*
   (Motion Required)
   LGSBA members will vote for approval of the LGSBA 2019 Accomplishments/2020 Goals & Objectives.
   [Attachment 3]

DISCUSSION ITEMS (Items 6 through 7):

6. Updates on Best Available Control Technology (BACT) Guidelines — *Alfonso Baez, Program Supervisor, Science & Technology Advancement*
   Staff will provide information regarding recent updates on BACT guidelines.
   (No Motion Required)
   [Attachment 4]

7. Overview on Outreach Efforts for Implementation of Rule 1147 – NO_x Reductions from Miscellaneous Sources — *Shawn Wang, Air Quality Specialist, Planning, Rule Development & Area Sources*
Staff will provide an overview of the outreach efforts and materials designed to assist facilities in demonstrating compliance with Rule 1147 – NO_x Reductions from Miscellaneous Sources.
(No Motion Required)
[Attachment 5]

WRITTEN REPORT:

8. Monthly Report on Small Business Assistance Activities — *All*
Summary of assistance and outreach activities conducted by South Coast AQMD's Small Business Assistance Office for December 2019.
(No Motion Required)
[Attachment 6]

OTHER MATTERS:

9. 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)

10. Public Comment Period
At the end of the regular meeting agenda, an opportunity is provided for the public to speak on any subject within the Local Government and Small Business Assistance Committee's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.

11. **Next Meeting Date -** Friday, February 14, 2020 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 Local Government & Small Business Advisory Group meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Elaine Hills at (909) 396-2945 from 7:00 a.m. to 5:00 p.m., Tuesday through Friday, or send the request to ehills@aqmd.gov.

Attachment 1

Back to Agenda

South Coast Air Quality Management District
South Coast AQMD
21865 Copley Drive, Diamond Bar, CA 91765-4178
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DRAFT

LOCAL GOVERNMENT &
SMALL BUSINESS ASSISTANCE ADVISORY GROUP
FRIDAY, DECEMBER 13, 2019
MEETING MINUTES

MEMBERS PRESENT:
Council Member Ben Benoit, LGSBA Chairman (Board Member)
Supervisor Janice Rutherford (Board Member)
Felipe Aguirre
Paul Avila, P.B.A. & Associates
Geoffrey Blake, Metal Finishers of Southern California
LaVaughn Daniel, DancoEN
John DeWitt, JE DeWitt, Inc.
Bill LaMarr, California Small Business Alliance
Rita Loof, RadTech International
Eddie Marquez, Roofing Contractors Association
David Rothbart, Los Angeles County Sanitation Districts

MEMBERS ABSENT:
Supervisor V. Manuel Perez (Board Member)
Mayor Pro Tempore Rachelle Arizmendi, City of Sierra Madre
Todd Campbell, Clean Energy
Mayor Cynthia Moran, City of Chino Hills
Council Member Carlos Rodriguez, City of Yorba Linda

OTHERS PRESENT:
Tom Gross, Board Member Consultant *(Benoit)*

SOUTH COAST AQMD STAFF:
Derrick Alatorre, Deputy Executive Officer
Fabian Wesson, Asst. Deputy Executive Officer/Public Advisor
Nancy Feldman, Principal Deputy District Counsel
De Groeneveld, Sr. Information Technology Specialist
Elaine-Joy Hills, Air Quality Specialist

Agenda Item #1 - Call to Order/Opening Remarks
Chair Ben Benoit called the meeting to order at 11:36 a.m.

Agenda Item #2 – Approval of November 8, 2019 Meeting Minutes/Review of Follow-Up/Action Items
Chair Benoit called for approval of the November 8, 2019 meeting minutes. The minutes were approved unanimously.

Agenda Item #3 – Review of Follow Up/Action Items
Mr. Derrick Alatorre provided a response to the action item from the previous meeting, and indicated that information regarding the VW mitigation program was emailed to the members along with the agenda packet.

Agenda Item #4 – Approval of Local Government & Small Business Assistance Advisory Group 2019 Accomplishments and 2020 Goals & Objectives
Mr. Alatorre presented and requested approval of the 2019 Accomplishments and for items to be included in the 2020 Goals & Objectives.

Ms. Rita Loof requested for a more specific procedure on how LGSBA Advisory Group will express its sentiments and include it in the Goals and Objectives. Mr. Alatorre responded that in the previous meeting, Ms. Nancy Feldman provided information regarding what the group is authorized to do, and how Council Member Rodriguez expressed interest in having the group to be able to provide a letter to the Governing Board regarding support of the public on issues with Rule 1403. Staff is unable to draft the letter; however, the group can provide one. Ms. Loof requested that the procedures be specified and memorialized in a document for reference purposes. Chair Benoit suggested that the request be included in a formal document for future member use. Mr. Alatorre stated that he will discuss making amendments to the charter with Ms. Feldman, and Chair Benoit indicated that the amended charter will have to be approved by the Governing Board.

> ***Action Item #1****: Amend LGSBA charter to include procedures for expressing members' sentiments.*

Mr. David Rothbart indicated that there are two items that will impact businesses and air districts that the California Air Resources Board (CARB) is working on. CARB plans on expanding the list of constituents in Assembly Bill (AB) 2588, which may impact permittees. The other subject matter is CARB's Criteria Pollutant & Toxic Emissions Reporting (CTR) Program. Mr. Rothbart commented that both of these efforts overlap, and recommended discussion on the potential impacts to businesses or any permittee related to these items be included in the 2020 Goals and Objectives.

Mr. Bill LaMarr commented that advisory groups would communicate with their sponsoring committees, but not circumvent the committees to the full Governing Board. Therefore, recommended not to bypass the committee sponsoring LGSBA.

Mr. John DeWitt inquired if it is possible to measure, through the Multiple Air Toxics Exposure Study (MATES) program and do an independent survey of the real cost of the various rules and regulations, and their actual impact on the air versus computer programs. Mr. Alatorre will talk to staff and determine if that is possible. If so, this topic will be included in the 2020 Goals and Objectives. Mr.

DeWitt stated that when you do a budget on performance goals, if you're not measuring the results against the cost, there will be challenges along the road. Mr. Alatorre indicated that when a new rule is developed, a socioeconomic study is completed. Mr. DeWitt commented he is aware of the study; however, analyses of the results are not completed after the fact. Mr. Alatorre replied that the South Coast Basin is in severe nonattainment, we do have a long way to go, and concurred that it will be costly.

> ***Action Item #2****: Discuss with staff the possibility of measuring real cost of various rules and regulations and actual impacts through MATES program and independent survey.*

Mr. LaMarr stated that staff asserts that the adoption of a rule will result in a specified emissions reduction. However, there has not been a retrospective analysis on whether the rule has achieved the reduction goals. Emissions are going down, which are attributable to all the rules. As we get lower and lower, it becomes more costly. Mr. LaMarr commented that there should be an effort, in concert with regulated sources, on how it can be done as socioeconomic studies are just projections. Mr. LaMarr further requested a discussion on a "look back" analysis on some rules. Mr. Alatorre reiterated that we are in severe nonattainment, and the last thing we want is to be mandated by federal government.

Supervisor Janice Rutherford requested to add two subpoints to #1 of the 2020 Goals and Objectives: 1. an update to the 2016 Air Quality Management Plan (AQMP) and development of the 2022 AQMP; and 2. Progress in meeting the 2023 attainment deadline, with a subpoint on the contingency plan adopted by the Governing Board, specifically on the Federal challenges.

Ms. Loof expressed support for comments made by Mr. DeWitt and Mr. LaMarr and analyze "bang for your buck."

Agenda Item #5 –Monthly Report on Small Business Assistance Activities
No comments.

Agenda Item #6 - Other Business
No other business discussed.

Agenda Item #7- Public Comment
No comments.

Agenda Item #8 – Next Meeting Date
The next regular Local Government & Small Business Assistance Advisory Group meeting is scheduled for Friday, January 17, 2020 at 11:30 a.m.

Adjournment
The meeting adjourned at 11:55 p.m.

Attachment 2

Back to Agenda

LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE
ADVISORY GROUP CHARTER
Modified ~~April 5~~January~~,~~ 2020~~13~~

Synopsis of History:

A Local Government & Small Business Assistance Committee (LGSBA) was established by ~~SCAQMD~~South Coast Air Quality Management District (South Coast AQMD) in 1996 to enhance outreach to and assist local governments and small businesses on matters relating to air quality. The Interagency Air Quality ~~M~~Management Plan (AQMP) Implementation Committee (IAIC) and its Technical Advisory Committee (TAC) were established by the Governing Board in 1989. The IAIC provided ongoing policy-level coordination between the ~~SCAQMD~~South Coast AQMD ~~-~~Board and key local government entities that either must implement the AQMP or which may be affected by AQMP implementation. The TAC was comprised of staff representatives from any interested local government, including special districts. In December~~,~~ 2002, the Board received recommendations of the Blue Ribbon Panel Regarding Operations of Advisory Groups and made changes to the ~~SCAQMD~~South Coast AQMD ~~-~~Advisory Group and the Ethnic Community Advisory Group which has since evolved into the Environmental Justice Advisory Group.

LGSBA Advisory Group Mission:

Provide input on the implementation of the AQMP, public outreach, the role of local government in achieving clean air, and small business issues; review and make recommendations regarding (a) public outreach activities related to the impacts of existing and proposed regulations on small business and local government; (b) source education; (c) small business loan and assistance programs; and (d) proposed draft rules including those most significantly impacting local government and small businesses.

This Group will provide policy level recommendations on issues within the Agency's jurisdiction which impact local governments and small businesses. Specifically, the Group shall:

a) Review the emissions attributable to small business, local government, and community activities and the AQMP's overall approach to reducing them and make recommendations regarding these;
b) Review and make recommendations regarding the ~~SCAQMD~~South Coast AQMD's communication with small businesses, local governments, and community based organizations;
c) Review and make recommendations regarding the ~~SCAQMD~~South Coast AQMD's small business, local government, source education and community outreach programs and materials, enforcement policies and rules; and
d) Act as a resource to the ~~SCAQMD~~South Coast AQMD for innovative problem solving, resource leveraging, and partnership building.

Membership:
The number of standing members shall be no more than 20 individuals consisting of: seven local government representatives, three ~~SCAQMD~~South Coast AQMD ~~-~~Board Members, five small business representatives, and five members of the general public. Members may serve staggered terms of four years. Members appointed as of December 5, 2003 who were previous members of this Advisory Group shall serve an initial term of two years to facilitate rotation of membership. The group membership shall reflect the geographic, ethnic, and cultural diversity of the region.

Appointment of Members

Upon recommendation by the Advisory Group Chair, and subsequent recommendation for approval by the Administrative Committee:

a) The Chairman of the Board will appoint/reappoint members, with consideration for Board Member recommendations.
b) The same process as above applies for re-appointing a member to fill any vacancy.

Chair: Chairman of the Board or designee.

Reporting:

The Governing Board's Administrative Committee shall be the Board's liaison with this Advisory Group. The business of the Group shall be conducted through monthly or quarterly meetings of the committee as whole and monthly meetings of subcommittees established by the committee as a whole. The meeting frequency shall be determined by the Chairman of the Advisory Group. The Group shall report monthly to the Administrative Committee on its activities and results and shall provide the Governing Board with a written annual report outlining its goals and accomplishments and proposing its agenda for the coming year.

The Advisory Group may adopt formal recommendations for action by the Governing Board to be taken to the Administrative Committee. Such recommendations shall be placed on the Advisory Group's agenda and shall become effective upon a vote by no less than a quorum. The recommendation shall be presented to the Administrative Committee via a written memorandum or letter, or by presentation by an agreed upon representative of the Advisory Group.

Compensation:

Effective July 1, 1997 the standing members of this Advisory Group shall be eligible to claim per diem of $100 and reimbursement of mileage and parking expenses, in accordance with District policy, associated with attendance at meetings of this Advisory Group.

Attachment 3

Back to Agenda

Local Government & Small Business Assistance Advisory Group

2019 Accomplishments

Throughout the year, the Local Government & Small Business Assistance (LGSBA) Advisory Group receives information and/or provides direct input on a variety of policy initiatives and proposed regulations that affect local governments, small businesses, and the general public. Such input is of particular value to the staff and Governing Board members in the process of developing such items and approving them, respectively.

Where appropriate, new additions and/or revisions were made by staff to improve proposals or policies, based on LGSBA members' input. A wide variety of comments were received on each of these items from LGSBA members representing local governments, small businesses, and the communities in general. Further details may be found in the Minutes of meetings where each item was discussed in depth.

Significant Items Addressed in 2019

Significant discussions were held during 2019 on many items. A few notable items that were addressed during 2019 are summarized below, while an additional list of topics discussed follows.

(1) Update on Incentive Programs
Ms. Vicki White provided information on South Coast Air Quality Management District's (AQMD's) main incentive programs, incentive project types, and accomplishments in 2018 such as the Community Air Protection Program, Carl Moyer Program, On-Road Heavy-Duty Vehicles Voucher Incentive Program, Electric School Bus Program, Replace Your Ride, Goods Movement Emission Reductions Program, and Lower Emission School Bus Program.

(2) Permit Streamlining Efforts and Backlog Reduction Update
Mr. David Ono presented on permit streamlining efforts and provided an update on the permit backlog reduction. South Coast AQMD receives approximately 8,000 permit applications annually and is in the process of creating all equipment-specific forms available for online submission.

(3) Proposed Amendments to Rule 1403: Asbestos Emissions from Demolition/Renovation Activities
Dr. Sarah Rees provided an overview on the proposed amendments to Rule 1403, a summary of staff activities, and its purpose to clarify existing provisions of the rule. Regulations from the federal National Emission Standards for Hazardous Air Pollutants (NESHAP) cannot be eliminated from Rule 1403; however, flexibilities incorporated into the rule language will facilitate in making it more achievable.

(4) Update on Assembly Bill (AB) 617 Community Air Initiative
Ms. Arlene Farol provided an update on the progress of AB 617 Community Air Initiatives. Implementation of the Community Emissions Reduction Plan (CERP) and Community Air Monitoring Plan (CAMP) for Year 1 communities are underway. Year 2 communities have recently been selected by the Governing Board, and is awaiting approval by the California Air Resources Board.

List of Items Addressed in 2019

A more complete list of items addressed during 2019 is shown below, with the dates of discussions noted in parenthesis, for reference and further details.

1. Monthly Report on Small Business Assistance Activities (monthly)
2. 2019 Rule Forecast and Implementation of 2016 Air Quality Management Plant (AQMP) (February)
3. Update to South Coast AQMD Incentive Programs (February)
4. Update on Multiple Air Toxics Exposure Studies (MATES) V (March)
5. Voting District Authorization Bill for Clean Air (March)
6. Online Subscription Services (June)
7. Update on Assembly Bill (AB) 2766 (June)
8. Public Nuisance (June)
9. Fiscal Year 2019-2020 General Fund Budget and Fee Adjustment (July)
10. Permit Streamlining Efforts and Backlog Reduction Update (July)
11. Proposed Amendments to Rule 1403: Asbestos Emissions from Demolition/Renovation Activities (September)
12. South Coast AQMD Complaint Reporting Process (September)
13. Amended Rule 212: Standards for Approving Permits and Issuing Public Notice (October)
14. Update on AB 617 Community Air Initiatives (October)
15. California Cap and Trade Program (November)
16. AB 617 Incentive Programs (November)

Local Government & Small Business Assistance Advisory Group

Proposed 2020 Goals & Objectives

For 2020, the LGSBA Advisory Group will provide input about regulatory policies and practices and suggest enhancements to promote small business economic growth while furthering air quality and public health protection, consistent with the LGSBA Advisory Group mission statement.

The following items are proposed to be discussed in depth for 2020:

1. Air Quality Management Plan (AQMP):
    a. Updates on the 2016 AQMP and development of the 2022 AQMP
    b. Information on the progress in meeting the 2023 attainment deadline
        - Contingency plan adopted by Governing Board on the Federal challenges

2. Implementation of Assembly Bill (AB) 2766 requirements.

3. Significant South Coast AQMD rule proposals or initiatives as necessary.

4. Status update on South Coast AQMD's state and federal legislative agenda at periodic intervals.
    a. Update on Senate Bill 732

5. Status update on the health studies related to air pollutants.

6. Update on FY 2020-21 Draft Budget and Work Program.

7. Update on Clean Fuels Program.

8. Status update on Technology Advancement projects.

9. Update on Greenhouse Gas-related activities.

10. Update on Rule 219, if available.

11. Updates on South Coast AQMD's Incentive programs.

12. Updates on South Coast AQMD's implementation of Office of Environmental Health Hazard Assessment's updated methods for estimating cancer risks.

13. Updates on proposed rule amendments for 2020.

14. Update on Best Available Control Technology Guidelines.

15. Status update on permit backlog reduction.

16. Update on AB 617 progress.

17. Update on MATES V.

18. Discussion on potential impacts to businesses and air districts from California Air Resources Board's plans to expand the constituent list for AB 2588 and Criteria Pollutant & Toxic Emissions Reporting Program.

19. Discussion/information regarding retrospective analysis on achievements subsequent to rule implementation.

The approved Minutes, reflecting the discussions, will be forwarded to the Administrative Committee and the Governing Board. Not all items may be covered due to time constraints. The LGSBA Chair may also make further changes to accommodate requests received or cover issues not anticipated at the beginning of the year.

Attachment 4

Back to Agenda

BACT Guidelines
February 2019 Updates

Local Government & Small Business
Assistance Advisory Group
January 17, 2020

2/1/19 Updates to BACT Guidelines

- Overview, Parts A, B, C, D and to maintain consistency with recent changes to South Coast AQMD rules, State and Federal requirements
- Intent was for amendments to reflect current requirements with future updates planned
- Met criteria for Minor Source BACT

2

Overview section

- Referencing Engineering & Permitting policy preventing circumvention of BACT requirement for emission increases ≥ 1 lb/day.
- Cumulative emission increases that equal or exceed 1 lb/day (nonattainment air pollutant, O_3 depleting compound or ammonia) within a 5-year period will be subject to BACT.

3

Parts A and C – Policy for Major & Minor Facilities

- Include by reference South Coast AQMD air quality-related energy policy
- Updated maximum cost-effectiveness values in Table 5 (M&S Index 3rd quarter 2018)

4

Deletions of Outdated Part B Sections I & II LAER Determinations

- Aluminum melting
- Boiler
- Oven
- Dryer, Tenter Frame
- Gas Turbine
- Heater
- I.C. Engine (Landfill, Digester Gas, Emergency, Non-Emergency & Portable
- Lithographic Printer
- Spray Booth

5

Part B, Section I, LAER/BACT Determinations

External Floating Roof Storage Tank

- Installation of Dome
- 14,000 BBL, 79,000 BBL, 165,252 BBL and 615,000 BBL

Soil Vapor Extraction

- Achieved in practice Thermal Oxidation 30ppm NOx
- Applies to burner emissions only
- Gasoline Storage facility

6

Part B, Section I, LAER/BACT Determinations

Gas Turbine Combined Cycle

- 2 ppm NOx/ 2 ppm CO/ 2 ppm VOC/ 5 ppm NH_3 excludes start-up & shutdown

Gas Turbine Landfill Gas

- 12.5 ppm NOx, 10.5 ppm VOC, 21.5 ppm CO excludes start-up & shutdown

Gas Turbine Simple Cycle

- 2.5 ppm NOx, 2 ppm VOC, 4 ppm CO, 5 ppm NH_3 excludes start-up & shutdown

Gas Turbine Digester Gas

- 18.8 ppm NOx, 25 ppm VOC, 60 ppm CO, 10 ppm NH_3 excludes start-up & shutdown

7

Part B, Section I, LAER/BACT Determinations

Gas Turbine Produced Gas

- 5 ppm NOx, 2 ppm VOC, 6 ppm CO, 5 ppm NH_3 excludes start-up & shutdown

I.C. Engine Portable

- Tier 4 emission standards compliant
- 123.4 BHP

I.C. Engine Emergency Fire Pump

- Tier 3 emission standards compliant
- 183 BHP

8

Part B, Section II, Other LAER/BACT Determination

Gas Turbine Combined Cycle

- Virginia State APCB
- 2ppm NOx 1 hr. avg. / 1.5ppm CO 1 hr. avg. w/o duct burner
- Three natural gas-fired gas turbines generators (3,227MM Btu/hr ea) with duct-fired heat recovery steam generator (500MM Btu/hr) providing steam to common steam turbine generator

9

Part D, Minor Source, BACT Determinations

Thermal Oxidizer – various applications

- 30 ppm NOx @ 3% O2 for burner only - excludes Tank Degassing/SVE/Vapor Incinerators
- Cost effectiveness studies

Composting

- Adding new subcategory of Greenwaste Composting - compliance with Rule 1133.3

Fryer – Deep Fat

- Added sub-category; Non-Integrated Direct and In-Direct Oil Heater (60 ppm NOx) compliance with Rule 1147

Boiler

- ≥20 MM Btu/hr and <75 MM Btu/hr, (Group 2) - Compliance with Rule 1146 for NOx (5ppm)

10

Part D, Minor Source, BACT Determinations (corrections)

Process Heater Non-Refinery

- Subcategory: Natural Gas or Propane Fired ≥20 MM Btu/hr - correction of Rule 1146.1 applicability

Printing (Graphic Arts)

- Lithographic or Offset, Heatset and Non-Heatset - venting to afterburner correction

Spray Booth

- <660 corrected to <667 lbs/month

I.C. Engine, Stat., Emer. CI Other, 100≤HP<175

- PM correction to 0.15 grams/bhp-hr/0.20 grams/kW-hr consistent with CARB ATCM and Rule 1470

11

Part D, Minor Source, BACT Determinations

COMPLIANCE WITH RULE 1147

- Aluminum melting Furnace
- Brass Melting Furnace
- Burnoff Furnace
- Calciner
- Coffee Roasting
- Crematory
- Dryer-Kiln
- Dryer or Oven tenter frame/carpet
- Fish Reduction cooker/dryer
- Fryer- Deep Fat Non-Integrated
- Lead Melting Furnace
- Soil Vapor Extraction (remediation), thermal oxidation
- Zinc Melting Furnace

30 ppm/60 ppm NOx limit depending on operating temperature

12

Update/Clarification to BACT SRC Charter

- Once proposed amendments to the BACT Guidelines have been presented at a public BACT SRC meeting there is a 30-day comment period followed by a final public BACT SRC meeting.

Making BACT Guidelines User Friendly

- New Equipment Search Links added to BACT Guidelines webpage - Search by Publish Date or Equipment/Process Category or Subcategory

13

Key Issues

- **Transparency of BACT update process**
  - **3 BACT SRC meetings, 30-day public comment periods**
- **Develop more specific BACT determinations**
  - **Staff will review future major and minor LAER/BACT determinations for case specific applicability based on operation and cost**
- **Permitting policy**
  - **Outside scope of BACT Guidelines policy**

14

15

Attachment 5

Back to Agenda

Rule 1147 Outreach Efforts

Local Government and Small Business Advisory Group
January 17, 2020

South Coast AQMD

Rule 1147 Background

Applies to miscellaneous combustion equipment with nitrogen oxide emissions that require a South Coast AQMD permit and are not specifically required to comply with a nitrogen oxide emission limit by other South Coast AQMD Regulation XI rules

Dec 2008: **Rule adopted** and established NOx emission limit for multiple equipment categories

Sept 2011: **Rule amended** to respond to compliance challenges experienced by delaying NOx compliance dates for impacted equipment

Feb 2017: Staff conducted **Technology Assessment** focused on low use equipment (<1 lb NOx/Day) subject to Rule 1147 and was reviewed by a third party as well as the Rule 1147 Task Force

July 2017: **Rule amended** to reflect recommendations made in the Final Rule 1147 Technology Assessment and additional compliance flexibility for low use equipment with resolution for public outreach

Rule amendment currently in progress

2017 Board Resolution

- *"The South Coast AQMD Governing Board hereby directs staff to work with stakeholders to conduct outreach and help guide facilities subject to Rule 1147 through the applicable rule requirements"*
- Staff has developed a two-phased approach with key stakeholders:
  - **Phase I:** Develop and distribute Rule 1147 compliance pamphlets to provide summary of rule requirements
  - **Phase II:** Develop and distribute Rule 1147 compliance guide to provide in-depth guidance and options

Compliance Pamphlet* (Now Available)

- Three versions of Rule 1147 compliance pamphlet will be available in one month for:
  1. Equipment emitting <1 pound NOx per day
  2. Equipment emitting ≥1 pound NOx per day
  3. Paint spray booths
- Staff prepared compliance pamphlets, with stakeholder input, that includes:
  - Frequently Asked Questions
  - Summary of rule requirements
  - Additional compliance information

Spanish version will be available February 2020

Contacts

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Gary Quinn, P.E.
Program Supervisor
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Attachment 6

Back to Agenda

Small Business Assistance Report on December 2019 Activities

for

LG&SBA Advisory Group Meeting of 1/17/2020

Services Offered – December

- Permit Application Assistance 162
- On-site Consultations 2
- Fee Review Committee Request 2
  - 1 Granted (Reinstate Permit)
  - 1 Pending/Research (Reinstate Permit)
- Air Quality Permit Checklist Processed 81

Permit Assistance – December

- 162 Activities Providing Help with Permit Applications. Examples include:
  - *29 General Contractors/Consultants/Architects*
  - *19 Retail Stores*
  - *17 Restaurants*
  - *12 Manufacturing Facilities*
  - *12 Warehouses (Storage/Distribution)*
  - *6 Auto Body and Repair Shops*
  - *5 Fuel Dispensing Facilities*
  - *4 Dry Cleaners/Garment Cleaners*

Activities – December

- Conducted 2 free on-site consultations
  - Dry Cleaner
  - Government Agency (Police Station)

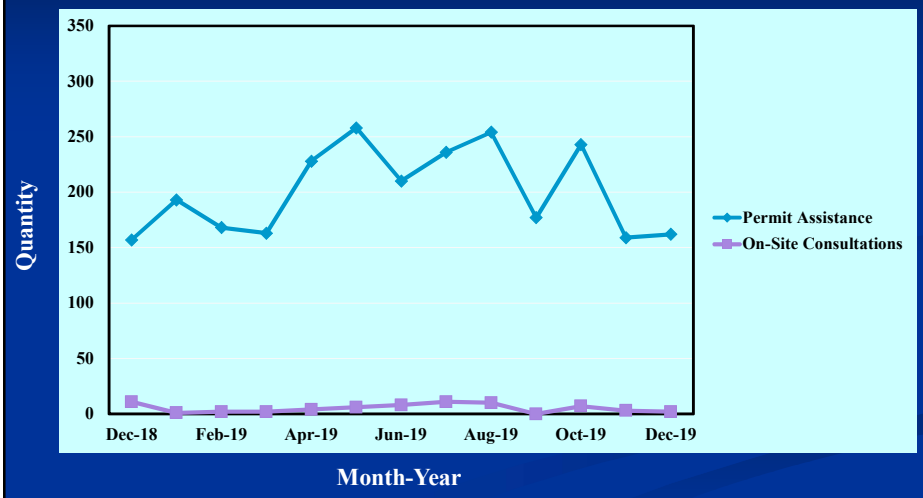
Dry Cleaner Grants Issued (as of 12/2019)

- Professional Wet Cleaning 152
- CO_2 Machines 4
- Hydrocarbon (funds expended) 488

Small Business Activity December 2018 – December 2019

ACTIVITY	Permit Assistance	On-Site Consultations	Variance Assistance	Fee Review Requests	Air Quality Permit Checklists
Dec-2018	157	11	0	0	60
Jan-2019	193	1	0	2	63
Feb-2019	168	2	2	3	72
Mar-2019	163	2	0	5	53
Apr-2019	228	4	1	6	77
May-2019	258	6	1	3	80
Jun-2019	210	8	0	2	60
Jul-2019	236	11	0	2	57
Aug-2019	254	10	0	6	55
Sep-2019	177	0	1	2	49
Oct-2019	243	7	0	4	72
Nov-2019	159	3	0	3	61
Dec-2019	162	2	0	2	81
TOTAL	2608	67	5	40	840

Small Business Activity
December 2018 – December 2019



1/17/2020 December 2019 Report