



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 Tempore Ben Benoit, LGSBA Chairman (Board Member)
Supervisor Janice Rutherford (Board Member)
Felipe Aguirre
Mayor 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
David Rothbart, Los Angeles County Sanitation Districts

Friday, February 12, 2021 ♦ 11:30 a.m.

Pursuant to Governor Newsom's Executive Orders N-25-20 (March 12, 2020) and N-29-20 (March 17, 2020), the South Coast AQMD Local Government & Small Business Advisory Group meeting will only be conducted via video conferencing and by telephone. Please follow the instructions below to join the meeting remotely.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION AT BOTTOM OF AGENDA

Join Zoom Webinar Meeting – from PC or Laptop
<https://scaqmd.zoom.us/j/92459924491>

Zoom Webinar ID: 924 5992 4491 (applies to all)

Teleconference Dial In
+1 669 900 6833

One tap mobile
+16699006833, 92459924491#

Audience will be allowed to provide public comment through telephone or Zoom connection during public comment period.

PUBLIC COMMENT WILL STILL BE TAKEN

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54954.3(a)). 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 3):

1. Call to Order/Opening Remarks
(No Motion Required)
*Mayor Pro Tem. Ben Benoit
Committee Chair*
2. Approval of January 15, 2021 Meeting Minutes
(Motion Required)
[Attachment 1]
*Mayor Pro Tem. Ben Benoit
Committee Chair*
3. Review of Follow-Up/Action Items
(No Motion Required)
Staff will review the follow-up/action items identified in the previous meeting.
*Derrick J. Alatorre
Deputy Executive Officer
Legislative, Public Affairs &
Media*

DISCUSSION ITEMS (Items 4 through 5):

4. Update on recent Air Quality Management Plan (AQMP) Related Activities
Staff will provide an update of the South Coast Air Basin Attainment Plan for the 2006 24-hour Particulate Matter_{2.5} (PM_{2.5}) Standard and the Coachella Valley Extreme Area Plan for the 1997 8-hour Ozone Standard. Staff will also provide a brief update on the 2022 AQMP development.
(No Motion Required)
[Attachment 2]
*Zorik Pirveysian
Planning and Rules Manager
Planning, Rule Development &
Area Sources*
5. Compliance & Enforcement (C&E) Programs
Staff will provide information on C&E programs, including information on inspections, enforcement actions, and the Facility Information Detail (FIND) online tool.
(No Motion Required)
[Attachments 3 & 4]
*Hugh Heney
Air Quality Analysis &
Compliance Supervisor
Compliance & Enforcement
Brian Roche
Systems & Programming
Supervisor
Information Management*

WRITTEN REPORT:

6. 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 January 2021.
(No Motion Required)
[Attachment 5]

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. (Gov't. Code Section 54954.2)
8. 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.
9. **Next Meeting Date** - Friday, March 12, 2021 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 by contacting Elaine Hills at (909) 396-2945 or send the request to ehills@aqmd.gov.

Americans with Disabilities Act and Language Accessibility

Disability and language-related accommodations can be requested to allow participation in the Local Government and Small Business Assistance Advisory Group meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the South Coast AQMD. Please contact Elaine Hills at (909) 396-2945 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to ehills@aqmd.gov.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

Please note: During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

After each agenda item, the Chair will announce public comment.

A countdown timer will be displayed on the screen for each public comment. If interpretation is needed, more time will be allotted.

Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.

Directions for Video ZOOM on a DESKTOP/LAPTOP:

- If you would like to make a public comment, please click on the “**Participants**” button on the bottom of the screen.
- A list of participants will appear on the right side of the screen. At the bottom of the list, please click on the grey “**Raise Hand**” button.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for Video Zoom on a SMARTPHONE:

- If you would like to make a public comment, please click on the “**Participants**” button on the bottom of your screen.
- A new screen will pop up with the list of participants. Look for the “**Raise Hand**” button on the screen and click the button.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for TELEPHONE line only:

- If you would like to make public comment, please **dial *9** on your keypad to signal that you would like to comment



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DRAFT

LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP FRIDAY, JANUARY 15, 2021 MEETING MINUTES

MEMBERS PRESENT:

Mayor Pro Tempore Ben Benoit, LGSBA Chairman (Board Member)
Supervisor Janice Rutherford (Board Member)
Felipe Aguirre
Mayor Rachelle Arizmendi, City of Sierra Madre
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, Roofing Contractors Association
David Rothbart, Los Angeles County Sanitation Districts

MEMBERS ABSENT:

LaVaughn Daniel, DancoEN

OTHERS PRESENT:

Ruthanne Taylor Berger, Board Member Consultant (*Benoit*)
Frank Cardenas, Board Member Consultant (*Cacciotti*)
Thomas Gross, Board Member Consultant (*Benoit*)
Debra Mendelsohn, Board Member Consultant (*Rutherford*)
Mark Taylor, Board Member Consultant (*Rutherford*)
Mark Abramowitz
Patty Senecal
Frank Forbes

SOUTH COAST AQMD STAFF:

Derrick Alatorre, Deputy Executive Officer
Naveen Berry, Assistant Deputy Executive Officer
Daphne Hsu, Senior Deputy District Counsel
Lisa Tanaka O'Malley, Senior Public Affairs Manager
Vicki White, Technology Implementation Manager
Scott Epstein, Ph.D., Program Supervisor
Anthony Tang, Information Technology Supervisor
Van Doan, Air Quality Specialist
Elaine-Joy Hills, Air Quality Specialist
Paul Wright, Senior Information Technology Specialist

Agenda Item #1 - Call to Order/Opening Remarks

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

Chair Benoit announced that the reappointment of LGSBA members was approved by the Administrative Committee.

Agenda Item #2 – Approval of December 11, 2020 Meeting Minutes/Review of Follow-Up/Action Items

Chair Benoit called for approval of the December 11, 2020 meeting minutes. The minutes were approved unanimously.

Agenda Item #3 – Review of Follow Up/Action Items

Mr. Alatorre provided a response to the action items from the previous meeting and indicated that Legal confirmed it is acceptable to provide information to the members and the requested information was provided on January 5, 2021. Engineering & Permitting (E&P) retrieved one policy memo regarding ultraviolet (UV) and electron beam (EB) coatings, which is publicly accessible through E&P's Permitting Policies webpage. South Coast Air Quality Management District (South Coast AQMD) currently has 108 active permits issued under permit unit codes that specifically identify UV drying. There are some limitations to the data as most codes used in E&P's database do not provide this level of detail regarding the coating materials used, and certain equipment using UV/EB under a certain amount may be exempt from a written permit. Mr. Alatorre stated that 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.

Ms. Rita Loof asked for confirmation that an email regarding UV/EB coatings was sent on January 5, 2021. Mr. Alatorre replied yes.

Agenda Item #4 – Adoption of Local Government & Small Business Assistance Advisory Group 2020 Accomplishments and 2021 Goals & Objectives

Mr. Alatorre called for approval of the updated 2020 Accomplishments and 2021 Goals & Objectives. The item was approved unanimously.

Agenda Item #5 – Air Quality in 2020: Smog, Wildfire Smoke and Emission Changes from the COVID-19 Response

Dr. Scott Epstein provided information on the anomalous air quality measurements and evidence for the factors influencing poor air quality in 2020.

Ms. Loof referenced slide #26 regarding the 1-hour ozone standard and asked how South Coast AQMD plans to overcome this setback. Dr. Epstein indicated that the information was based on preliminary data and must wait for validation and that the question would be better answered by Dr. Philip Fine or Dr. Sarah Rees. Dr. Epstein suggested that staff provide a more comprehensive response later, to which Ms. Loof agreed.

Action item: Provide information on how South Coast AQMD plans to attain the 1-hour ozone standard.

Mr. Bill LaMarr stated that based on the presentation, nonattainment of one pollutant and problems with others were due to exceptional events. Mr. LaMarr indicated that events, such as the pandemic, droughts, and wildfire, are beyond the control of South Coast AQMD and asked if there is anything the business community could do to provide support. Dr. Epstein indicated that the Environmental Protection Agency (EPA) does not consider drought, abnormal weather and possibly the pandemic as exceptional events, but does consider wildfires. If the data for days which wildfires occurred were excluded, South Coast AQMD would still be in nonattainment with the 1-hour ozone standard; however, the 24-hour particulate matter (PM_{2.5}) standard could be attained. As for how the business community could help, public participation, feedback, and suggestions during demonstrations are beneficial. Mr. LaMarr commented on restaurant business operations during the pandemic. Dr. Epstein clarified that his previous response was to explain how the business community could help in demonstrating to EPA what data should be excluded due to exceptional events. During the public process of writing the events and making demonstrations to EPA that certain events are exceptional, the business or any community could help by participating and providing the strongest evidence that the events were exceptional and meet the EPA definition.

Mr. Geoffrey Blake indicated that there has been a reduction in vehicular traffic and fuel usage compared to previous years and asked how that impacts the overall picture. Dr. Epstein replied that there was an 80% reduction of light-duty vehicle traffic and 25% reduction of heavy-duty vehicle traffic resulting from the Safer-at-Home order in March. However, the reduction of heavy-duty vehicle traffic rapidly decreased to 10% and now it is back to normal. Nitrogen oxide (NO_x) levels impact ozone levels and light-duty vehicles account for 5% and on-road heavy-duty vehicles account for 35% of the overall NO_x emissions. The roads were empty of cars, but trucks were still operating; therefore, there wasn't a high reduction of NO_x as it appeared to be.

Mr. Todd Campbell commented that the 1-hour ozone standard may not be attained by 2022 and asked if South Coast AQMD would be faced with a Federal Implementation Plan (FIP) and other sanctions. Dr. Epstein deferred the question to Dr. Fine and indicated that it would trigger a plan requirement. Mr. Campbell asked if it could be fixed by an Air Quality Management Plan (AQMP) update. Dr. Epstein replied that there may be other actions needed and deferred the questions to Dr. Fine.

Chair Benoit suggested to invite Dr. Fine to the next meeting. Mr. Campbell agreed as he would also like clarification on the potential FIP requirement in 2023.

***Action item:** Invite Dr. Fine or staff to the next LGSBA meeting to address questions relating to Dr. Epstein's presentation on Air Quality in 2020: Smog, Wildfire Smoke and Emission Changes from the COVID-19 Response.*

Ms. Loof indicated that several members are on the AQMP Advisory Committee and the topic of 1-hour ozone standard were in other staff presentations and speculated that committee might be meeting soon to discuss. The industry is very concerned as one of the remedies includes stationary sources getting penalized for nonattainment.

Agenda Item #6 – Update on South Coast AQMD Incentive Programs

Ms. Vicki White presented an update on South Coast AQMD incentive programs.

Ms. Loof referenced slide #8 and asked if the Community Air Protection Program (CAPP) funding is restricted to mobile sources and for an update on Assembly Bill (AB) 74 and Senate Bill (SB) 856. Ms. White replied that this program is still in the developmental stage. In the first year, CAPP incentives funding was based on direction from legislators to be used for mobile source projects submitted under existing programs, including Proposition 1B and Carl Moyer Program. Before any AB 617 communities were identified, 80% of those funds had to be used in disadvantaged and low-income communities. In year two, under SB 856, California Air Resources Board (CARB) included additional categories and allowed for funding of school air filtration systems and hexavalent chromium emissions reductions from plating facilities. In year three, in addition to mobile sources and existing categories, CARB added community-identified projects and stationary sources. If an identified action is part of the Community Emissions Reduction Plan (CERP), but not part of an existing guideline, then a project plan needs to be developed with input from communities and submitted to CARB for approval.

Mr. Campbell mentioned that he doesn't think that South Coast AQMD is moving forward with any tax-related legislation and asked if South Coast AQMD is considering alternatives to increase its ability to address mobile sources. Mr. Alatorre replied that there is no plan to seek another legislation, but there has been discussion regarding a possible statewide ballot to address climate change, including incentivizing mobile sources. South Coast AQMD is not leading this and has not taken any position, but is continuing to actively seek funding from the state and federal government.

Mr. Campbell commented that nonattainment impacts everyone economically, in the form of a FIP or other measures. Mr. Campbell discussed Assembly member Rudy Salas letter to the Legislative Analyst's Office (LAO) regarding to the Governor's Executive Order phasing out the sale of passenger cars by 2035 and heavy-duty trucks by 2045. Mr. Alatorre indicated that South Coast AQMD consultants have provided comment to the Governor's Office regarding this topic.

Mr. David Rothbart mentioned South Coast AQMD is not pursuing legislation and funding is needed and stated that incentives funding was specified in the 2016 AQMP to achieve emissions reductions and asked if it would be a problem if that plan is not fulfilled. Mr. Alatorre stated that a plan was submitted to EPA in 2020 for approval.

Ms. Loof expressed support for incentives for manufacturing to remain in the South Coast AQMD region.

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

No comments.

Agenda Item #8 - Other Business

Mr. John DeWitt asked for clarification when the LGSBA will meet in person. Mr. Alatorre replied that the earliest in-person meeting would likely be at the end of the summer, depending on when coronavirus disease (COVID-19) vaccines are available. In the future, it is possible that two meeting options would be available: in-person and Zoom webinar and teleconference.

Mr. Campbell thanked Chair Benoit for his service and for making a statement at a previous meeting.

Agenda Item #9- Public Comment


No comments.

Agenda Item #10 – Next Meeting Date

The next regular Local Government & Small Business Assistance Advisory Group meeting is scheduled for Friday, February 12, 2021 at 11:30 a.m.

Adjournment

The meeting adjourned at 1:00 p.m.




Update on Recent AQMP Related Activities

Local Government Small Business Assistance Advisory Group
February 12, 2021

Cleaning The Air That We Breathe...

1



2006 24-hour PM2.5 Standard For South Coast Air Basin

Standard	Level	Attainment Deadline	Attainment Status
1997 Annual PM2.5	15 µg/m ³	2015	Attained in 2013
1997 24-hour PM2.5	65 µg/m ³	2015	Attained in 2013
2006 24-hour PM2.5	35 µg/m³	2019	Serious Nonattainment
2012 Annual PM2.5	12 µg/m ³	2025	Serious Nonattainment

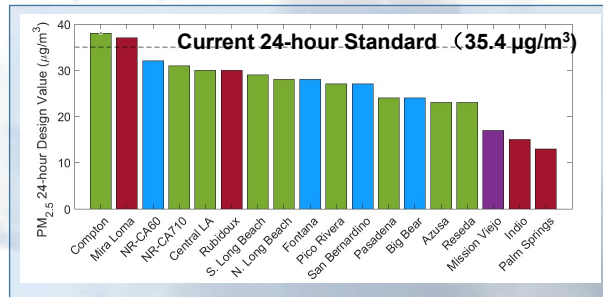
2



2017-2019 3-year PM_{2.5} Design Values*

Based on the design value for 2017-2019, South Coast Air Basin failed to attain the 2006 PM_{2.5} standard by December 31, 2019

- Contingency provisions triggered in Rule 445 (Wood-Burning Devices)
 - Curtailment threshold lowered from 30 to 29 $\mu\text{g}/\text{m}^3$
- A SIP update required to be submitted to U.S. EPA by December 31, 2020



* Data likely to be approved as exceptional events by U.S. EPA removed from analysis

3

3



South Coast Air Basin PM_{2.5} Attainment Plan

- Developed to address Clean Air Act requirements triggered by the failure to attain by the December 2019 deadline
- Updated emissions inventory, modeling, and attainment demonstration
 - Attainment expected by 2023 based on ongoing emission reductions from adopted rules and regulations
 - Recently-adopted regulations and programs provide further assurance for attainment
- The Plan was adopted by South Coast AQMD Governing Board on December 4, 2020, and submitted to EPA through CARB

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Attainment Status Update

- Based on the preliminary design value for 2018-2020*, South Coast Air Basin has attained the 2006 PM_{2.5} standard
 - Exceptional events such as wildfire and fireworks need to be addressed; these exceedances are excluded in design value calculations
 - Potential Clean Data Determination by U.S. EPA
 - Final Clean Data Determination suspends attainment-related SIP requirements



* Data likely to be approved as exceptional events by U.S. EPA removed from analysis



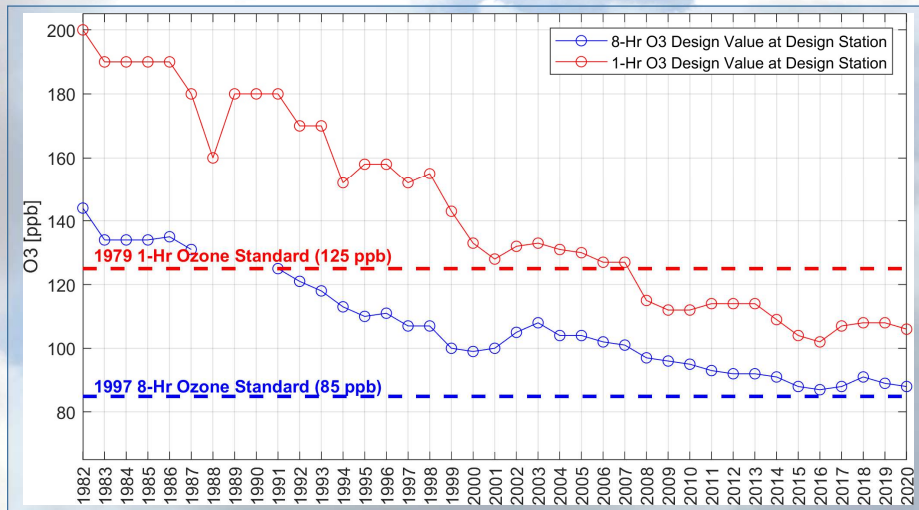
1997 8-hour Ozone Standard for Coachella Valley

- Coachella Valley was classified as a “Severe” nonattainment area, with an attainment date of June 15, 2019
 - Monitoring data (2016-2018) showed that the area did not attain the standard by the deadline
- On July 10, 2019, Coachella Valley was granted a voluntary reclassification from “Severe” to “Extreme” by the U.S. EPA
 - A revision to the State Implementation Plan (SIP) is required (due February 2021)

Criteria Pollutant	Averaging Time	Designation	Attainment Date
Ozone (O ₃)	(1979) 1-Hour (0.12 ppm)	Attainment	11/15/2007 (attained 12/31/2013)
	(1997) 8-Hour (0.08 ppm)	Nonattainment (Extreme)	6/15/2024
	(2008) 8-Hour (0.075 ppm)	Nonattainment (Severe)	7/20/2027
	(2015) 8-Hour (0.070 ppm)	Nonattainment (Severe)	8/3/2033



Ozone Trend in Coachella Valley



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Coachella Valley Extreme Area Ozone Plan

- Developed to address Clean Air Act requirements triggered by the Extreme area reclassification
- Updated inventory and modeling shows attainment by 2023 based on ongoing emission reductions from adopted rules and regulations
- The Plan was adopted by South Coast AQMD Governing Board on December 4, 2020, and submitted to EPA through CARB
- Contingency measure requirement to be addressed through a separate rulemaking process
- Vehicle Miles Travelled Offset Demonstration to be addressed through CARB

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2015 8-hour Ozone Standard

- In 2015, the U.S. EPA strengthened the National Ambient Air Quality Standards (NAAQS) for ozone to 70 parts per billion (ppb)
- Nonattainment classifications for South Coast Air Basin and Coachella Valley

Standard	Level	South Coast Classification	Coachella Valley Classification	Attainment Date
2015 8-hour Ozone	0.070 ppm	Extreme	Severe	August 3, 2038 (South Coast) August 3, 2033 (Coachella Valley)
2008 8-hour Ozone	0.075 ppm	Extreme	Severe	July 20, 2032 (South Coast) July 20, 2027 (Coachella Valley)
1997 8-hour Ozone	0.08 ppm	Extreme	Extreme*	June 15, 2024 (both South Coast and Coachella Valley)
1979 1-hour Ozone	0.12 ppm	Extreme	Attainment	February 6, 2023 (South Coast)

*Voluntary reclassification from severe to extreme in July 2019

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Key SIP Elements and Due Dates for Severe and Extreme Nonattainment Areas

	8/3/2020	8/3/2021	8/3/2022	8/3/2028
Severe and Extreme Areas	Baseline Year Emissions Inventory	Nonattainment New Source Review	Attainment Demonstration	Section 185 Fee Program (Failure to attain)
	Emissions Statement		Reasonably Available Control Measures	
	Reasonably Available Control Technology Demonstration		Reasonable Further Progress	
	Vehicle Miles Traveled Offset		Conformity	
Extreme Area Only		Clean Fuels for Boilers	Contingency Measures	
			Enhanced Inspection and Maintenance Program	
			2022 AQMP	

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Control Measure Development

- **Five working groups established**
 -  Residential and Commercial Buildings
 -  Ocean-Going Vessels
 -  Aircraft
 -  Heavy-Duty Trucks
 -  Construction and Industrial Equipment
- **2022 AQMP control measures**
 - 2016 AQMP control measures to be updated where applicable; new measures

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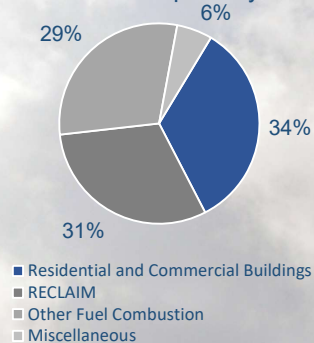


Working Group Update – Residential and Commercial Buildings



- **Primary goal: explore measures to further reduce NOx emissions from residential and commercial appliances**
- **First meeting held December 17, 2020**
 - **Topics covered**
 - Framework and objectives
 - Emissions inventory
 - 2016 AQMP control measures
 - South Coast AQMD rules and incentive programs
 - South Coast AQMD Roles
 - Federal, State, and other local agency programs

2018 NOx Emissions – Stationary Sources
57.7 Tons per Day



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Working Group Update - Mobile Sources

- **Introductory Working Group meeting held in conjunction with CARB staff on December 16, 2020**
- **Topics covered**
 - **Air quality challenges in South Coast Air Basin**
 - **Establishment of Working Groups for specific categories: heavy-duty trucks, construction & industrial equipment, ocean-going vessels, and aircraft**
 - **Overview of CARB's 2020 Mobile Source Strategy**
 - **Update on South Coast AQMD Facility Based Mobile Source Measures**
 - **Zero-emission charging infrastructure needs**

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Mobile Source Working Groups Meeting Schedule

- **First Series of Specific Mobile Source Working Group Meetings:**
 - **Heavy-Duty Trucks: January 26, 2021**
 - **Construction and Industrial Equipment: January 27, 2021**
 - **Ocean-Going Vessels: February 3, 2021**
 - **Aircraft: February 4, 2021**
- **Subsequent meetings will be scheduled approximately every 5-6 weeks**

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First Working Group Meetings for HD Trucks and Construction & Industrial Equipment

- **First meetings held on January 26 and January 27, respectively**
- **Topics covered**
 - **CARB strategies for reducing emissions**
 - **South Coast AQMD incentive programs update**
 - **HD Trucks working group also covered**
 - **HD Vehicle Inspection and Maintenance Program**
 - **Advanced Clean Fleets Regulation**
 - **Infrastructure needs for MD and HD Zero-Emission Vehicles (ZEVs)**
 - **ZEV market development strategy**

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First Working Group Meetings for Ocean Going Vessels (OGV) and Aircraft

- **First meetings held on February 3 and February 4, respectively**
- **Topics covered**
 - **OGV and aircraft operations and emissions**
 - **CARB strategies for reducing emissions**
 - **Pacific-Rim Initiative for Maritime Emission Reductions**
 - **Update on national and international standards**
 - **Federal initiatives addressing aviation emissions**

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Overall Control Approach for Attaining 2015 8-hour Ozone Standard

- Extensive transition to near-zero (NZE) and zero-emissions (ZE) technologies in mobile and stationary sources, where feasible
- Transition to cleanest available technologies if NZE/ZE not feasible
- Regulatory measures; Incentive programs
- Eliminate/minimize reliance on 182(e)(5) measures
- Seek legislative authority where applicable
- Seek new sources of funding for new/existing incentive programs
- Work closely with state and local governments to maximize reductions from residential and commercial buildings

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2022 AQMP Overall Schedule

Milestone	Timeline
Preliminary 2018 emissions inventory	January 2021
Control Strategy Workshop	May 2021
Final Control Measures	August 2021
Release Draft AQMP	Late November 2021
CARB Board Hearing	July 2022
Updated base and future emissions inventory	April 2021
Draft Control Measures	June 2021
Carrying Capacity	June/August 2021
South Coast AQMD Board Hearing	June 2022
Working Groups	December 2020 – June /August 2021
SIP due to EPA	August 3, 2022

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Ozone National Ambient Air Quality Standards

- Near-Term Attainment Goals in 2022 and 2023

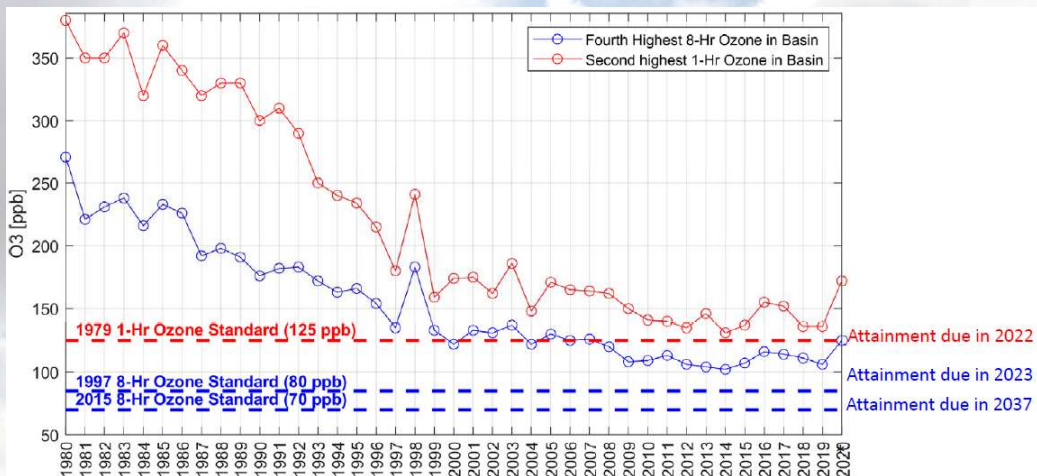
Ozone NAAQS	Level	South Coast Air Basin Classification and Attainment Year	Coachella Valley Classification and Attainment Year
2015 8-Hour Ozone	0.070 ppm	Extreme (2037)	Severe (2032)
2008 8-hour Ozone	0.075 ppm	Extreme (2031)	Severe (2026)
1997 8-hour Ozone	0.08 ppm	Extreme (2023)	Extreme (2023)
1979 1-hour Ozone	0.12 ppm	Extreme (2022)	Attainment

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Progress towards Attainment in South Coast Air Basin



*Data in 2020 is preliminary and may change in the validation process

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1979 1-hour Ozone Standard for South Coast Air Basin

- **Attainment deadline is December 31, 2022**
- **2018 SIP Update approved by EPA**
- **Attainment based on 3-year design values of 2020 to 2022**
 - Three exceedances allowed over three years at each monitoring station
- **Based on 2020 preliminary data, had more than 3 exceedances**
 - Standard can not be met by the deadline but attainment deadline can be extended by one year if have only one exceedance in 2022 (up to two extensions allowed)
- **If have more than one exceedance in 2022, EPA will issue a failure to attain notice**
 - A new SIP will be required

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1997 8-hour Ozone Standard for South Coast Air Basin


- **Attainment deadline is June 15, 2024 which continue to represent a major challenge for the Basin**
- **Attainment based on 3-year design values (2021 to 2023)**
- **2016 AQMP and 2016 State SIP Strategy (approved by EPA)**
- **2019 Contingency Measure Plan (pending EPA actions)**
 - Without federal action and/or funding to address federal sources, attainment is not likely
- **Regulations/programs adopted since 2016 AQMP fall significantly short of needed reductions**
- **Sanctions and Federal Implementation Plan (FIP) could potentially go into effect if committed reductions are not achieved**

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South Coast AQMD

Office of Compliance and Enforcement



Hugh Heney
Air Quality Analysis & Compliance Supervisor
February 12, 2021

1



Air Quality Inspector Teams

Approximately **80 inspectors**, plus managers/supervisors and support staff



Refinery



Energy



Retail Gas Dispensing



Major Sources



Toxics and Waste Management



Industrial, Commercial, Government Operations

2



Jurisdiction

An area of over 10,000 square miles that is home to approximately 17 million people.

Regulatory authority over stationary sources and limited types of mobile sources.

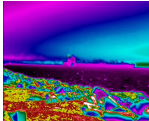


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Regulated Sources



- Aerospace
- Refineries
- Power Plants
- Sewage Treatment
- Landfills
- Chemical & other Manufacturing Operations
- Gas Stations
- Dry Cleaners
- Auto Body Shops
- Metal & Wood Coating Operations
- Oil & Gas Production
- Emergency Generators

4



Public Complaints

- **1-800-CUT-SMOG** or online @ www.aqmd.gov.
- Live attendant during business hours (Monday-Friday) or to our standby system off-hours.
- Common Complaints: Dust, Odors, Flaring, Smoke, Retail Gas Stations, Overspray, Residential Wood Burning
- Complainant information = confidential
- Complaints can be made anonymously, but may be insufficient and will not receive a live response.
- ***INSPECTORS RESPOND TO ALL COMPLAINTS!***



Air Quality Complaints Received 2000 – 2020





Enforcement Activities

Complaint Response –
over 10,000 complaints
annually

Facility Inspections –
approx. 22,000 facilities
& over 67,000 permits

**Portable Equipment
Inspections** (3,600+)

**Responding to
Notifications** - such as
for equipment
breakdowns, flaring
events, and
renovations/demolitions


**Source Education &
Outreach**

Special Projects –
investigations,
interagency coordination,
emergency response,
etc.


Enforcement Action –
Notices to Comply,
Notices of Violation,
Orders for Abatement,
Criminal Referrals

7

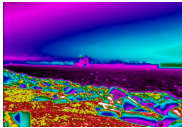
7




Instruments used in Compliance




H₂S Analyzers (Jerome Meters)
Handheld instrument to measure
hydrogen sulfide gas levels in the
air.



Infrared Cameras: Cameras to view
gas emissions (including methane
and VOCs) that would otherwise be
invisible to the naked eye.



Toxic Vapor Analyzers (TVA):
Portable analyzers to identify
methane and volatile organic
compounds (VOCs).



X-Ray Fluorescence (XRF)
Handheld instruments to help
identify toxic dust particles.

8

8



Violation Examples



Opacity (smoke) – Determined by an inspector certified in Visual Emissions Evaluation (VEE)

Emissions – Determined using a Toxic Vapor Analyzer (TVA)

Odors – Determined by an inspector that conducts upwind, downwind, and source odor surveys .

Rule & Permit Conditions – Determined during an onsite inspection through observations, review equipment logs, maintenance records, source testing reports, etc.



Penalties

Air pollution violations may result in either criminal or civil liability. Criminal cases are referred to state, county or city attorneys. In deciding whether to refer a case for criminal prosecution.

South Coast AQMD’s enforcement authority for civil penalties is in the CA Health & Safety Code, and penalties apply per day of non-compliance.

Penalties can range from \$5,150/day for strict liability to \$1,030,000/day for the most egregious violations.

Minor Source Penalty Assessment Program: For non-major sources with lesser offenses or no prior violations; Under this program, the business receiving the NOV and South Coast AQMD agree on the actions that the business must take to comply and the penalty for the violation. This settlement is reached without involving attorneys or the courts.



Penalties

Factors to determine penalties:

- (1) The extent of harm caused by the violation,
- (2) The nature and persistence of the violation,
- (3) The length of time over which the violation occurs,
- (4) The frequency of past violations, and
- (5) The financial burden to the violator or the action taken to correct the violation.



11

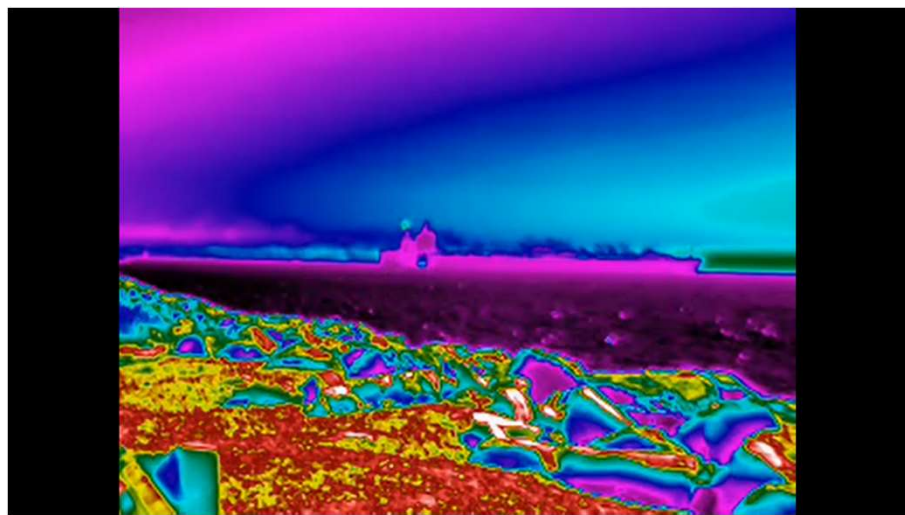
11



Investigation Example

10/26/18

Supervising Inspector conducting offshore surveillance with infrared camera detects major venting event from a crude oil tanker.



12

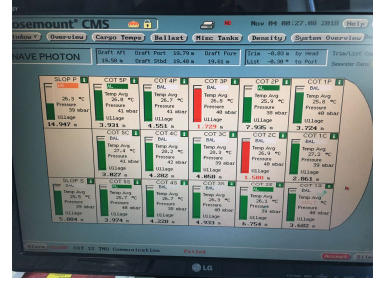
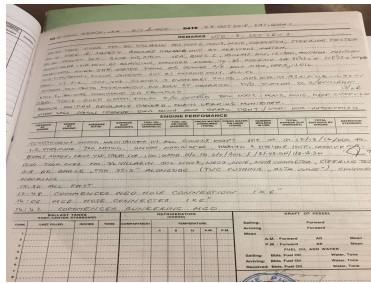
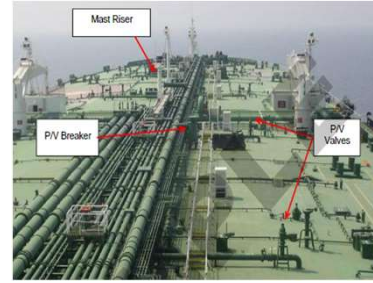
12



Investigation Example

11/3/18

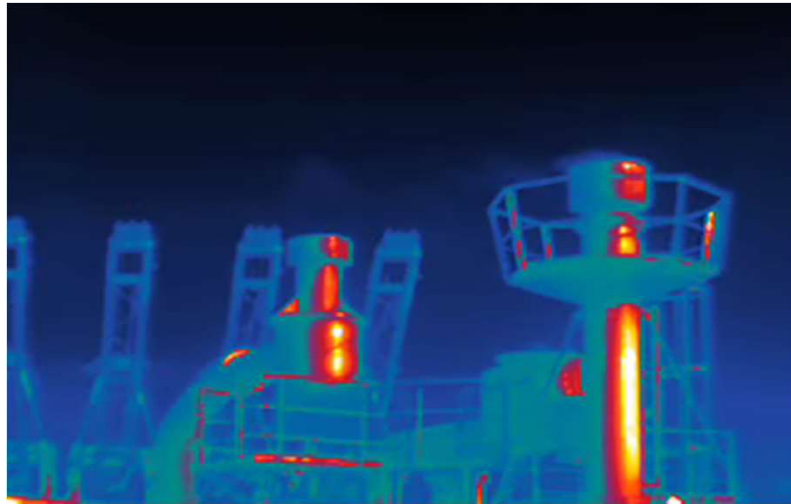
Three inspectors conduct inspection when tanker docks at crude oil terminal. Inspection includes records review, emissions survey for relevant regulations using TVA and Jerome meter, and identification of violations.




Investigation Example


11/3/18

Three inspectors conduct inspection when tanker docks at crude oil terminal. Inspection includes records review, emissions survey for relevant regulations using TVA and Jerome meter, and identification of violations.

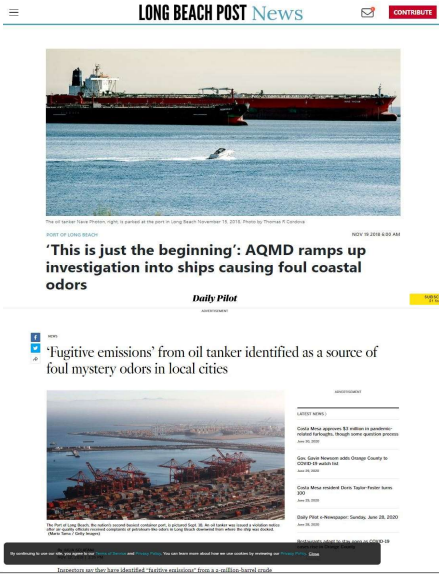




Investigation Example



Inspection resulted in industry wide awareness of the regulations, articles in newspaper regarding the inspection/subsequent enforcement action, and current ongoing discussions with Planning to consider these venting emissions in the AQ inventory.



15

Introducing Facility Information Detail (FIND)

<https://www.aqmd.gov/nav/FIND>

16



F.I.N.D.

FEBRUARY 12, 2021



South Coast AQMD – Information Management
Brian Roche
Systems and Programming Supervisor

1

WHAT IS F.I.N.D.?

- Facility Information Detail
- Mobile-friendly web application
- Search for facilities located within the South Coast AQMD

2

2

WHAT IS A FACILITY?

- Stationary sources
- Business or other entity regulated by the South Coast AQMD

3

3

SEARCH FOR FACILITIES

- Name & Address
- Facility ID
- Application Number
- NOV or NC
- Hearing Board Case
- Map

4

4

INFORMATION PROVIDED

- Facility Details
- Equipment List
- Notices of Violation/Notices to Comply
- AER Emissions
- Hearing Board
- Transportation
- Documents

5

5

SEARCH SCREEN

Facility Information Detail (F.I.N.D.)

Select Search Type: Find a Facility

Name:

Street:

City:

Zip:

RECLAIM TITLE V

6

6

SEARCH RESULTS

SEARCH RESULTS

366 Results

Name: ARCO
City: LOS ANGELES

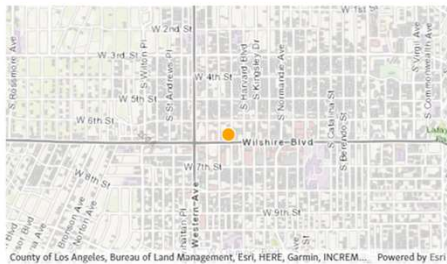
Remove Search Filters

134743 Facility Name ARCO #0069 Facility Address: 9922 S FIGUEROA ST, LOS ANGELES, CA 90003 Status: ACTIVE	26172 Facility Name ARCO DLR, RICARDO MENDOZA Facility Address: 866 W CESAR CHAVEZ BLVD, LOS ANGELES, CA 90012 Status: ACTIVE
174635 Facility Name ARCO #42114 Facility Address: 4406 ADAMS BLVD, LOS ANGELES, CA 90016 Status: ACTIVE	132525 Facility Name ARCO FAC #5355, BP WEST COAST PRODS LLC Facility Address: 3675 WILSHIRE BLVD, LOS ANGELES, CA 90020 Status: ACTIVE
151651 Facility Name ARCO #00391- NADA BOUTROS & GABY BOUTROS Facility Address: 3401 E WHITTIER BLVD, LOS ANGELES, CA 90023 Status: ACTIVE	178558 Facility Name ARCO #83142, MIRAMAR ENTERPRISES, INC. Facility Address: 1605 GLENDALE BLVD, LOS ANGELES, CA 90026 Status: ACTIVE
123618 Facility Name ARCO AM/PM #81294, 21ST CENTURY PROP LLC Facility Address: 3073 LOS FELIZ BLVD, LOS ANGELES, CA 90027 Status: ACTIVE	60849 Facility Name ARCO DLR Facility Address: 5777 HOLLYWOOD BLVD, LOS ANGELES, CA 90028 Status: ACTIVE

7

FACILITY DETAILS SCREEN

ARCO FAC #5355, BP WEST COAST PRODS LLC Close



Address: 3675 WILSHIRE BLVD, LOS ANGELES, CA 90020

Facility ID: 132525

Status: ACTIVE

Back Fees Due: No.

SIC Code
5541 GASOLINE SERVICE STATIONS


- Equipment List
- Compliance
- Emissions
- Hearing Board
- Transportation
- Documents



8

EQUIPMENT LIST SCREEN

ARCO FAC #5355, BP WEST COAST PRODS LLC Close



Address: 3675 WILSHIRE BLVD, LOS ANGELES, CA 90020
 Facility ID: 132525
 Status: ACTIVE
 Back Fees Due: No.
 SIC Code: 5541 GASOLINE SERVICE STATIONS

Equipment List 3 Results

Sort: Application Number


<p>435812</p> <p>SERV STAT STORAGE & DISPENSING GASOLINE</p> <p>Application Status : APPLICATION CANCELLED, KEEP ALL FEES</p> <p>Application Date : 10/12/2004</p> <p>Type : Basic</p>	<p>418918</p> <p>SERV STAT STORAGE & DISPENSING GASOLINE</p> <p>Application Status : PERMIT TO OPERATE GRANTED</p> <p>Permit Status : INACTIVE</p> <p>Permit Number: N12995</p> <p>Issue Date : 08/25/2003</p> <p>Application Date : 08/12/2003</p> <p>Type : Basic</p>	<p>402229</p> <p>SERV STAT STORAGE & DISPENSING GASOLINE</p> <p>Application Status : PERMIT TO OPERATE GRANTED</p> <p>Permit Status : INACTIVE</p> <p>Permit Number: N11263</p> <p>Issue Date : 06/12/2002</p> <p>Application Date : 05/16/2002</p> <p>Type : Basic</p>
--	---	---

[Export all records to Excel](#)

9

COMPLIANCE SCREEN

ARCO FAC #5355, BP WEST COAST PRODS LLC Close



Address: 3675 WILSHIRE BLVD, LOS ANGELES, CA 90020
 Facility ID: 132525
 Status: ACTIVE
 Back Fees Due: No.
 SIC Code: 5541 GASOLINE SERVICE STATIONS

Equipment List 1 Results

Compliance

Notices of Violation Sort: Notice Issue Date

<p>P41103</p> <p>Notice Issue Date: 06/03/2003</p> <p>Violation Date: 06/03/2003</p> <p>Disposition Date: 03/12/2004</p> <p>Disposition: Closed Case</p>
--

[Export all records to Excel](#)


Notices to Comply

NONE

10

DOCUMENTS SCREEN

ARCO FAC #5355, BP WEST COAST PRODS LLC ✕ Close



Address: 3675 WILSHIRE BLVD, LOS ANGELES, CA 90020

Facility ID: 132525

Status: ACTIVE

Back Fees Due: No.

SIC Code: 5541 GASOLINE SERVICE STATIONS

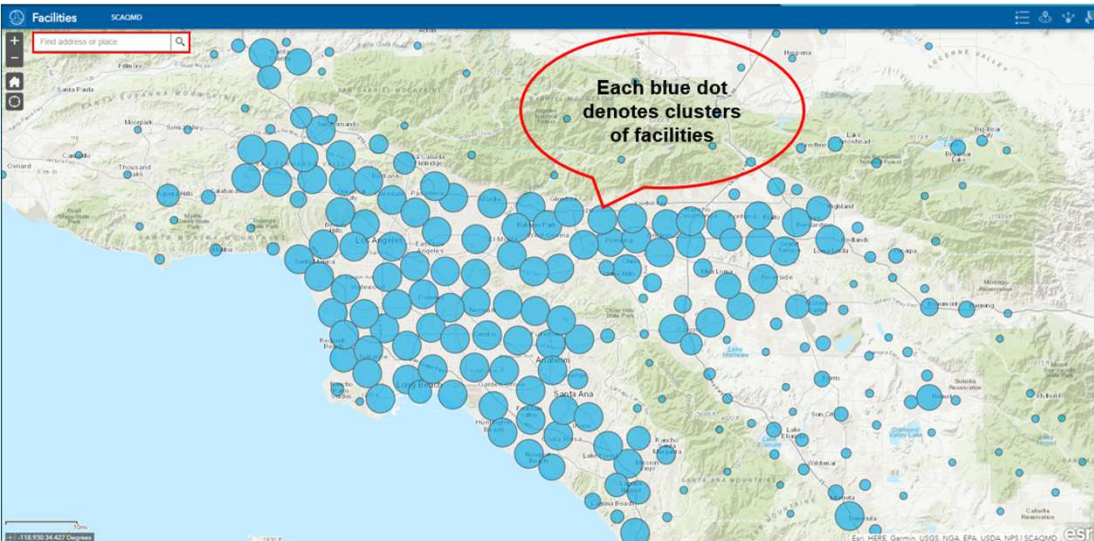
- Equipment List
- Compliance
- Emissions
- Hearing Board
- Transportation
- Documents

Compliance Notices of Violation	Permits Permits to Construct, Permits to Operate	Emissions Rule 1148.2 Chemical Reports, Rule 1148.2 Emission Reports, Rule 1148.2 Notifications
Hearing Board	Facility Permits	

11

11

FACILITY SEARCH USING F.I.N.D. MAP



Facilities SCAGMD

Find address or place

Each blue dot denotes clusters of facilities

Esri

12

12

The screenshot shows a map interface with a search bar at the top left containing the text 'Find address of place'. The map displays a grid of streets with numerous blue dots scattered across it. A red circle is drawn around one of these dots, with a callout box containing the text 'Each blue dot represents a facility'. Another red arrow points from a callout box containing the text 'Clicking this link will open the facility in F.I.N.D.' to a pop-up information box for a specific facility. The pop-up box contains the following information:

- Facilities: EXXONMOBIL OIL CORPORATION
- Facility ID: 152098
- Facility Name: EXXONMOBIL OIL CORPORATION
- Facility Address: 802 W CENTRAL BLVD ANGELES CA 90023 USA
- More Information: [Link](#)
- Buttons: Zoom In, View Summary

At the bottom right of the map, there is a small number '13'.

13

FUTURE PLANS

- Search filtering on map
- Search facilities by industry category
- Search for Compliance information
- Search for Permit information
- Customize for AB617 purposes

14

14

F.I.N.D.

- www.aqmd.gov/find
- www.aqmd.gov/findmap

Questions/Comments:

Brian Roche

Broche@aqmd.gov

15



Small Business Assistance Report on January 2021 Activities for LG&SBA Advisory Group Meeting of 2/12/2021

1

Services Offered – January

■ Permit Application Assistance	226
■ Fee Review Committee Request	1
■ 1 Pending Decision (Reinstate Permit)	
■ Air Quality Permit Checklist Processed	70
■ Variance Request Assistance	3

2/12/2021

January 2021 Report

2

Permit Assistance – January

- 226 Activities Providing Help with Permit Applications. Examples include:
 - 50 *General Contractors/Consultants/Architects*
 - 23 *Restaurants*
 - 15 *Manufacturing Facilities*
 - 15 *Retail Stores*
 - 12 *Dry Cleaners/Garment Cleaners*
 - 9 *Auto Body and Repair Shops*
 - 8 *Warehouses (Storage/Distribution)*
 - 3 *Fuel Dispensing Facilities*

2/12/2021

January 2021 Report

3

Activities – January

- No on-site consultations conducted
- Event(s) Attended
 - No Events Attended

2/12/2021

January 2021 Report

4

Dry Cleaner Grants Issued (as of 1/2021)

■	Professional Wet Cleaning	165
■	CO ₂ Machines	4
■	Hydrocarbon (funds expended)	488

2/12/2021

January 2021 Report

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Small Business Activity January 2020 – January 2021

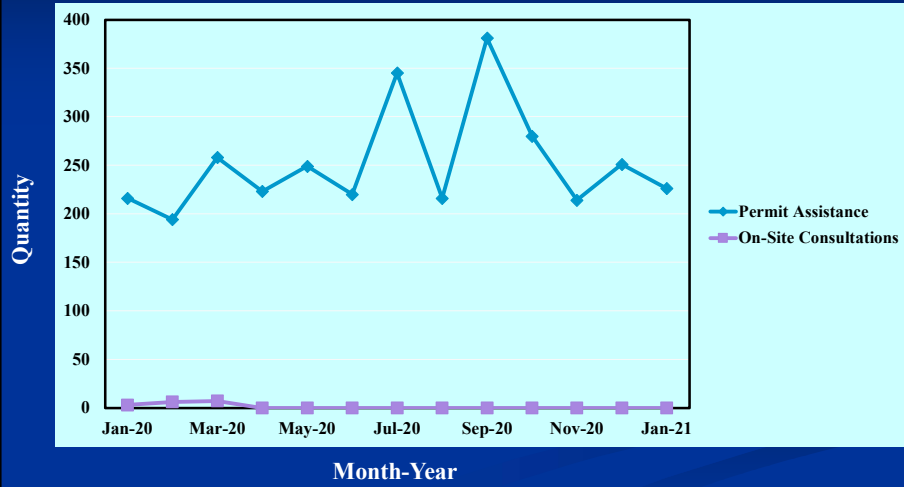
ACTIVITY	Permit Assistance	On-Site Consultations	Variance Assistance	Fee Review Requests	Air Quality Permit Checklists
Jan-2020	216	3	0	2	68
Feb-2020	194	6	0	3	63
Mar-2020	258	7	0	3	47
Apr-2020	223	0	0	3	49
May-2020	249	0	0	3	65
Jun-2020	220	0	0	1	51
Jul-2020	345	0	2	3	110
Aug-2020	216	0	0	2	57
Sep-2020	381	0	0	2	65
Oct-2020	280	0	0	3	84
Nov-2020	214	0	15	2	50
Dec-2020	251	0	43	2	59
Jan-2021	226	0	3	1	70
TOTAL	3273	16	63	30	838

2/12/2021

January 2021 Report

6

Small Business Activity January 2020 – January 2021



2/12/2021

January 2021 Report