



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, Chair

Dr. Clark E. Parker, Sr.

Supervisor V. Manuel Perez

Supervisor Janice Rutherford

Felipe Aguirre

Rachelle Arizmendi

Paul Avila

Geoffrey Blake

Todd Campbell

LaVaughn Daniel

John DeWitt

Bill LaMarr

Rita Loof

Eddie Marquez

Cynthia Moran

David Rothbart

**Friday, March 8, 2019 ♦ 11:30 a.m. ♦ Conference Room GB
21865 Copley Drive, Diamond Bar, CA 91765**

TELECONFERENCE LOCATION

73-710 Fred Waring Drive

Suite 222

Palm Desert, CA 92260

(The public may attend at 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 SCAQMD staff or a Board Member of your desire to speak. All agendas for regular meetings are posted at District 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*)
Council Member Ben Benoit
Committee Chair
2. Approval of February 8, 2019 Meeting Minutes
(*Motion Required*)
[Attachment 1]
Ben Benoit
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 and 5):

4. Update on MATES V
Staff will provide an update on MATES V.
(*No Motion Required*)
[Attachment 2]
Andrea Polidori
Atmospheric Measurements
Manager
Science & Technology
Advancement
5. Voting District Authorization Bill for Clean Air
Staff will present on SCAQMD's Voting District Authorization Bill for Clean Air.
(*No Motion Required*)
Philip Crabbe III
Public Affairs Manager
Legislative, Public Affairs & Media

WRITTEN REPORT:

6. **Monthly Report on Small Business Assistance Activities**
(*No Motion Required*)
Summary of assistance and outreach activities conducted by SCAQMD's Small Business Assistance Office for February 2019.
[Attachment 3]
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

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, April 12, 2019 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 Stacy Garcia at (909) 396-2495 from 7:00 a.m. to 5:00 p.m., Tuesday through Friday, or send the request to sgarcia@aqmd.gov.



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DRAFT

LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP FRIDAY, FEBRUARY 8, 2019 MEETING MINUTES

MEMBERS PRESENT:

V. Manuel Perez, Supervisor
Janice Rutherford, Supervisor, Second District, San Bernardino County
Felipe Aguirre
Paul Avila, P.B.A. & Associates
Geoffrey Blake, Metal Finishers of Southern California
Todd Campbell, Clean Energy
John DeWitt, JE DeWitt, Inc.
LaVaughn Daniel, DancoEN
Bill LaMarr, California Small Business Alliance
Rita Loof, RadTech International
Eddie Marquez, Roofing Contractors Association
David Rothbart, Los Angeles County Sanitation District

MEMBERS ABSENT:

Ben Benoit, Council Member and LGSBA Chairman
Dr. Clark E. Parker, Sr., Senate Rules Committee Appointee
Rachelle Arizmendi, Mayor Pro Tempore, City of Sierra Madre
Cynthia Moran, Council Member, City of Chino Hills

OTHERS PRESENT:

Mark Abramowitz, Board Member Consultant
Andy Silva, San Bernardino County

SCAQMD STAFF:

Derrick Alatorre, Deputy Executive Officer
Nancy Feldman, Principal Deputy District Counsel
Michael Krause, Planning & Rules Manager
Vicki White, Technology Implementation Manager
De Groeneveld, Sr. Information Technology Specialist
Elaine-Joy Hills, AQ Inspector II
Stacy Garcia, Secretary

Agenda Item #1 - Call to Order/Opening Remarks

Supervisor Janice Rutherford called the meeting to order at 11:31 a.m.

Agenda Item #2 – Approval of December 14, 2018 Meeting Minutes/Review of Follow-Up/Action Items

Supervisor Rutherford called for approval of the December 14, 2018 meeting minutes. The minutes were approved, with Supervisor Perez and Supervisor Rutherford abstaining.

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

Mr. Derrick Alatorre stated that there were no follow up or action items.

Agenda Item #4 – 2019 Rule Forecast and Implementation of 2016 AQMP

Mr. Michael Krause presented on upcoming work on rules and programs in 2019 to implement the measures in the 2016 Air Quality Management Plan (AQMP) that comprise the strategy to meet the ambient air quality standards.

Mr. Bill LaMarr inquired about areas that are unachievable for air quality. Mr. Krause stated that we are not in compliance with the ozone standard or the PM_{2.5} standard. Mr. LaMarr asked if a list of the 26 projects on slide 4 that were awarded the \$48 million existed. Mr. Krause stated he will send Mr. LaMarr a link to the Board agenda containing the list. Mr. Krause indicated that some of the 26 projects are emission reductions projects and some are technology demonstration projects. Out of the 26 projects, around half of them are technology demonstration projects and those are not counted in the projections. Mr. LaMarr questioned the cost-effectiveness of the projects. Mr. Krause stated that we have to start investing in the businesses somewhere. Mr. LaMarr stated that small businesses are going to have to depend on incentive dollars for new technologies to lower emissions because of their cost.

Mr. David Rothbart asked if there is a running total of rules the SCAQMD is looking to adopt. Mr. Krause directed Mr. Rothbart to the January rule forecast calendar.

Mr. Rothbart asked if the reductions are statewide to which Mr. Krause responded that they are regional. Mr. Rothbart asked what the goal is from the mobile source side to reach attainment. Mr. Krause responded that the goals are in the AQMP. Mr. Rothbart requested a status of attainment at the State and Federal levels. Mr. Krause stated he will get that information to Mr. Rothbart.

Ms. Rita Loof stated that the requirements of Rule 1106 (Marine Coating Operations) act as a disincentive because of the amount of recordkeeping required. Mr. Krause said that recordkeeping will be addressed in the future and suggested Ms. Loof participate in any meetings held.

Mr. Paul Avila asked if SCAQMD knows where stationary pollutants are, and if fence monitors will be installed around these areas. Mr. Krause stated that it is a step by step process beginning with community monitoring, analyzing the community monitoring data, making determinations on the readings, identifying sources, and then placing the monitors.

Mr. LaMarr asked who will be paying for the fence line monitoring. Mr. Krause stated fence line monitoring is paid for by AB 617 funds.

Agenda Item #5 – Update on SCAQMD Incentive Programs

Ms. Vicki White presented on SCAQMD's incentive programs.

Mr. Avila asked if there is demand for heavy diesel engines. Ms. White stated diesel engines would fall under a program called Engine Repower, where diesel engines are replaced with cleaner engines.

Ms. Loof asked where she can find information about the SB 856 process. Ms. White said CARB wants to do a public process to determine how to allocate the funds. CARB knows they need guidelines for stationary sources. Ms. White suggested that Ms. Loof get in touch with CARB, as she is not aware of workshop dates. Ms. Loof asked about the CalCards for Replace Your Ride (RYR), to which Ms. White responded that people can scrap old cars and receive a CalCard to pay for Uber, Lyft, or a transit pass.

Mr. Todd Campbell asked if there is funding left in Proposition 1B. Ms. White stated it is an ongoing program, but the funds have been fully allocated with the exception of some fall through funds due to fleet switches, which a solicitation will be going out for. Mr. Campbell asked how long the applicants get to sit on their funds. Ms. White stated they have 3 years or the funds may be reallocated and that legislation requires the funds be liquidated in 4 years. Mr. Campbell asked about the Hybrid and Zero Emission Truck and Bus Voucher Incentive Project (HVIP) and stacking. Ms. White stated with the Carl Moyer Program through SB 513, there was acknowledgment to open the program up to stacking. There are no restrictions on stacking of funds in the Carl Moyer program, except that it expects the private investment to pay a minimum of 15%. Whereas, HVIP has restrictions. CARB is starting to look at co-funding HVIP with other programs. For HVIP, electric technologies can stack.

Mr. LaMarr asked for clarification of the RYR program and the purchase of less polluting cars. Ms. White stated that the RYR program allows for eligible motorists to scrap their old car and either get the CalCard or receive funds to purchase a vehicle 8 years old or newer.

Mr. Campbell asked about the VW funds. Ms. White stated that, as project administrator for the two categories SCAQMD has been assigned, staff will be preparing an implementation plan, which will specify a criteria, and is subject to CARB's approval.

Ms. Loof asked, besides the SB 856 funding, if the rest of the programs in Ms. White's presentation were restricted to mobile sources. Ms. White responded yes.

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

No comments.

Agenda Item #7 - Other Business

Ms. Loof announced that RadTech is having a conference on March 19-20 in Redondo Beach.

Mr. Avila mentioned a newspaper article about the SCAQMD sales tax and requested a presentation.

Action Item: Provide a presentation on proposed sales tax.

Agenda Item #8- Public Comment

None.

Agenda Item #9 – Next Meeting Date

The next regular Local Government & Small Business Assistance Advisory Group meeting is scheduled for Friday, March 8, 2019 at 11:30 a.m.

Adjournment

The meeting adjourned at 12:41 p.m.



South Coast
AQMD

MULTIPLE AIR TOXICS EXPOSURE STUDY (MATES V) UPDATE

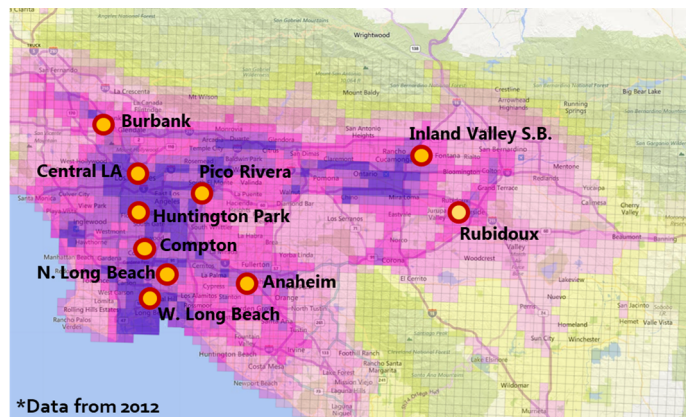
Andrea Polidori, PhD
Atmospheric Measurements Manager
Local Government & Small Business Assistance
Advisory Group Meeting
March 8, 2019

MATES PROGRAM

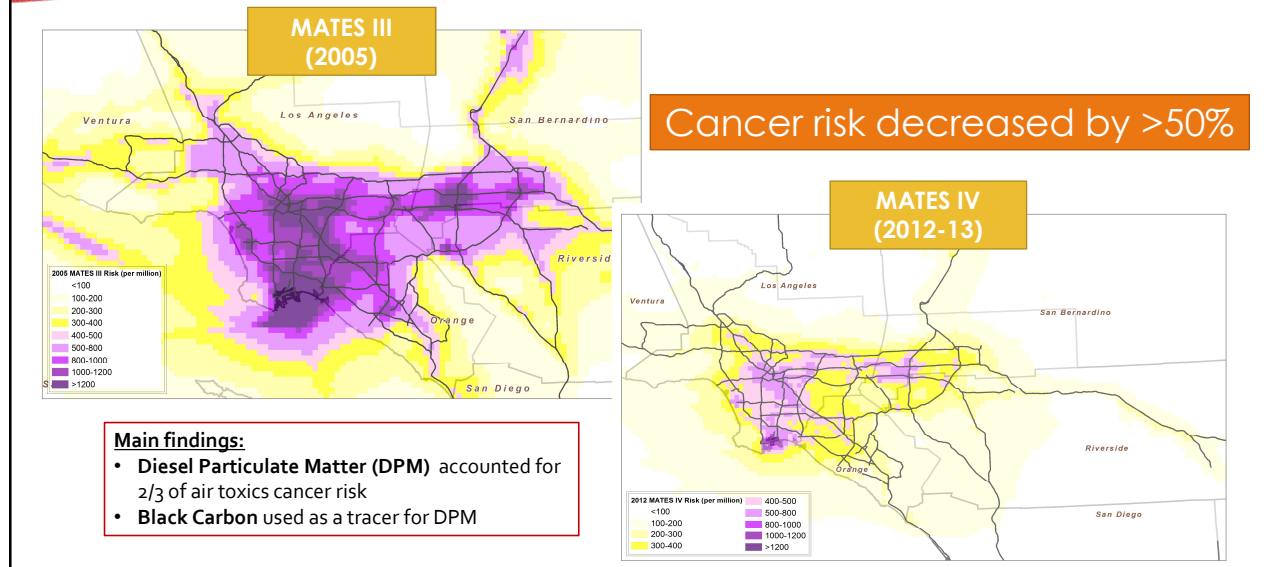
MATES studies regional air toxics impacts in the SCAB

Purpose:

- Provide the public with information on toxic exposure and risk
- Evaluate progress in reducing air toxics exposure
- Provide direction to future toxics control programs



MATES PROGRESSION



MATES V IMPLEMENTATION

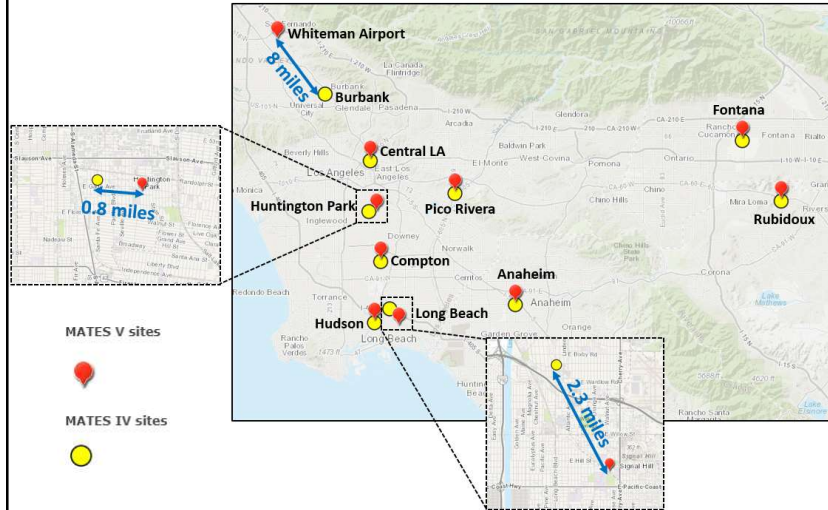
Fixed Site Monitoring

- 10 fixed monitoring sites
- Emissions inventory update
- Health risk modeling

Advanced Refinery Monitoring

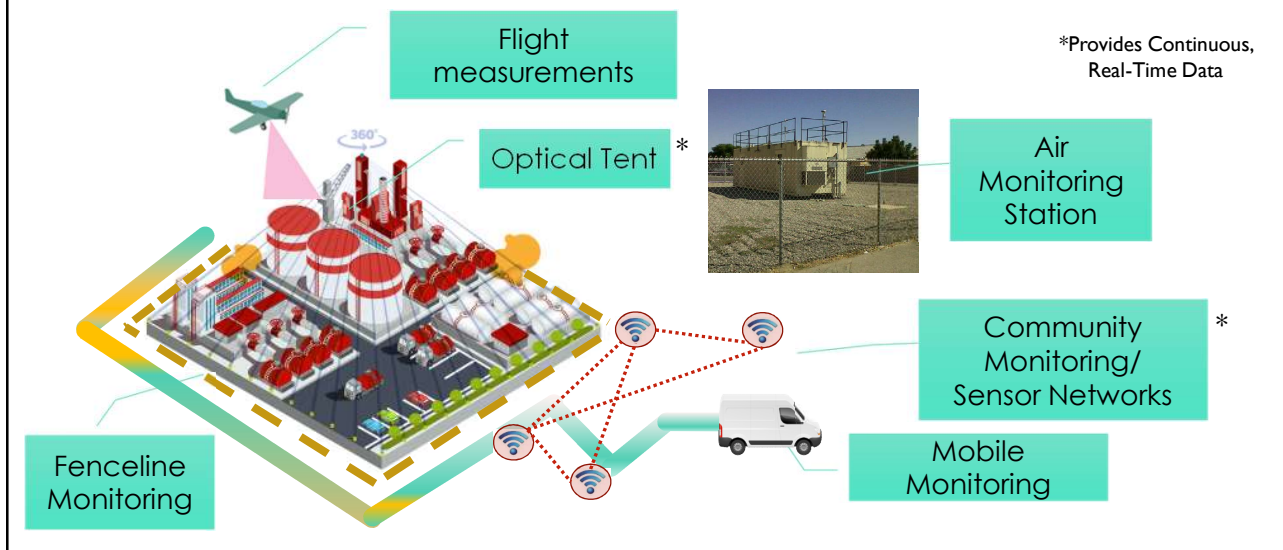
- Flight-based measurements
- Mobile laboratory
- Optical tent
- Sensor networks and community engagement

MATES V IMPLEMENTATION FIXED SITE MONITORING




- 10 stations
- Integrated and continuous measurements
 - Particle and gaseous pollutants
 - Air toxic pollutants
 - Include UFP and BC (diesel PM marker)
- Start: January 2018
- End: April 2019
- Preliminary data will be available soon

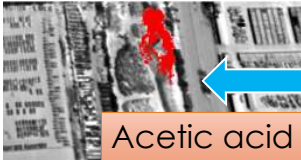
MATES V IMPLEMENTATION ADVANCED REFINERY MONITORING




FLIGHT-BASED AIR TOXICS MEASUREMENT AEROSPACE CORPORATION

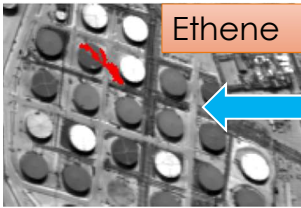


- Survey large areas, including refinery areas
- Detect plumes & emissions




Acetic acid

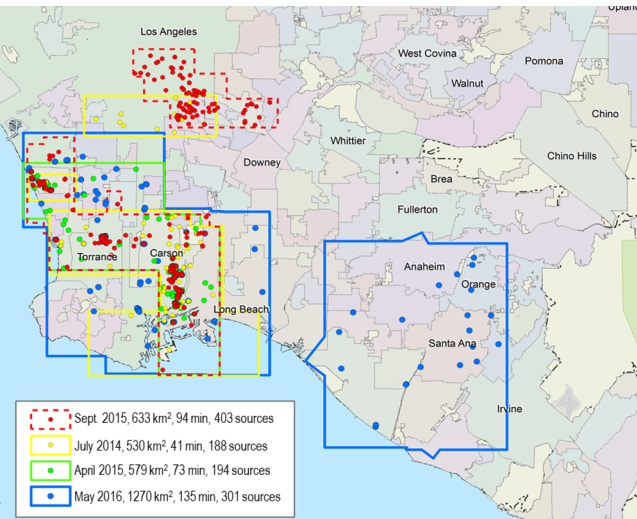




Ethene



FLIGHT-BASED AIR TOXICS MEASUREMENT AEROSPACE CORPORATION



1,3-Butadiene
Acetylene
Ammonia
Benzene
Butane
Carbon dioxide
Carbonyl sulfide
Ethane
Ethanol
Ethene
Ethyl benzene
Formaldehyde
Formic acid
Hexane
Hydrogen cyanide
Hydrogen sulfide
Isobutane
Methane
Methanol
Naphthalene
Nitrogen dioxide
Nitrous oxide
Oxane
Ozone
Pentane
Propane
Propene
Sulfur dioxide
Toluene
m-Xylene
o-Xylene
p-Xylene

- Re-analysis of historical data (2010-2018) has begun
 - Identify hotspots and unknown source
 - Helps in guiding and optimizing ground-based efforts

Sept. 2015, 633 km², 94 min, 403 sources
 July 2014, 530 km², 41 min, 188 sources
 April 2015, 579 km², 73 min, 194 sources
 May 2016, 1270 km², 135 min, 301 sources

MOBILE AIR TOXICS LABORATORY FLUXSENSE, INC.

- Survey major refineries and other petroleum facilities
- Fenceline and community mobile monitoring
- Identify sources and characterize community exposure levels
- Mobile surveys for MATES V begun in Summer 2018 and are ongoing
- SCAQMD van will be delivered in April 2019



MOBILE AIR TOXICS LABORATORY FLUXSENSE, INC.



- Mobile ORS measurements are ideal for assessing the impact of refinery emissions on nearby communities

SENSOR NETWORKS & COMMUNITY ENGAGEMENT ACLIMA & SCAQMD

Purpose: To provide a detailed map of how air pollutant levels vary within the community on the near real-time basis

- Sensor deployment in partnership with Aclima®
- "ZooBox" sensors to measure:
 - Particulate Matter (PM1, PM2.5, PM10)
 - Gaseous pollutants (NO, CO, CO₂)
 - Temperature and relative humidity



BENEFITS OF HYPER-LOCAL AIR MONITORING ACLIMA & SCAQMD



IDENTIFY
EMISSIONS
SOURCES



TRACK
PROGRESS



INFORM
THE
PUBLIC



SCREEN
FOR
PROBLEMS

- Sensor network in Carson, as well as West Long Beach and Wilmington
- Network of 36 "ZooBox" sensors
- To be complimented by "SPod" sensors for VOC measurements
- Data from the sensors will be displayed in real-time through a web-based data portal

MATES V MONITORING NEXT STEPS

- **Fixed Site Monitoring:**
 - All 10 sites have been fully operational since April 2018
 - Monitoring will end in April 2019
 - Data analysis in progress
- **Advanced Monitoring:**
 - **Aerospace** Flight-Based Data and Measurements
 - Flight measurements scheduled for Summer 2019
 - Analysis of historical data in progress
 - **Fluxsense** Mobile Laboratory
 - Mobile monitoring began on July 4th, 2018 and is currently ongoing
 - SCAQMD van to be delivered in April 2019
 - **UCLA Optical Tent**
 - SCAQMD currently in negotiation with a refinery
 - UCLA to conduct installation and measurements
 - **Aclima** – Carson, Wilmington, parts of Long Beach
 - Sensor deployment began in Fall 2018
 - Working with community partners (LAUSD, YMCA, City of Carson, others)



Small Business Assistance Report on February 2019 Activities for LG&SBA Advisory Group Meeting of 3/8/2019

Services Offered – February

■ Permit Application Assistance	168
■ Variance Request Assistance	2
■ On-site Consultations	2
■ Fee Review Committee Request	3
■ 1 Granted (Deadline Extension)	
■ 2 Denied (Fee Reduction/Payment Plan)	
■ Air Quality Permit Checklist Processed	72

Permit Assistance – February

- 168 Activities Providing Help with Permit Applications. Examples include:
 - 27 *General Contractors/Consultants/Architects*
 - 21 *Retail Stores*
 - 19 *Restaurants*
 - 18 *Manufacturing Facilities*
 - 13 *Warehouses (Storage/Distribution)*
 - 13 *Offices*
 - 9 *Auto Body and Repair Shops*
 - 4 *Dry Cleaner*

3/8/2018

February 2019 Report

Activities – February

- Conducted 2 free on-site consultations
 - Dry Cleaner
 - Auto Body Shop
- Event(s) Attended
 - Faith-Based Community Event in Los Angeles

3/8/2018

February 2019 Report

Dry Cleaner Grants Issued (as of 2/2019)

■	Professional Wet Cleaning	149
■	CO ₂ Machines	4
■	Hydrocarbon (funds expended)	488

3/8/2018

February 2019 Report

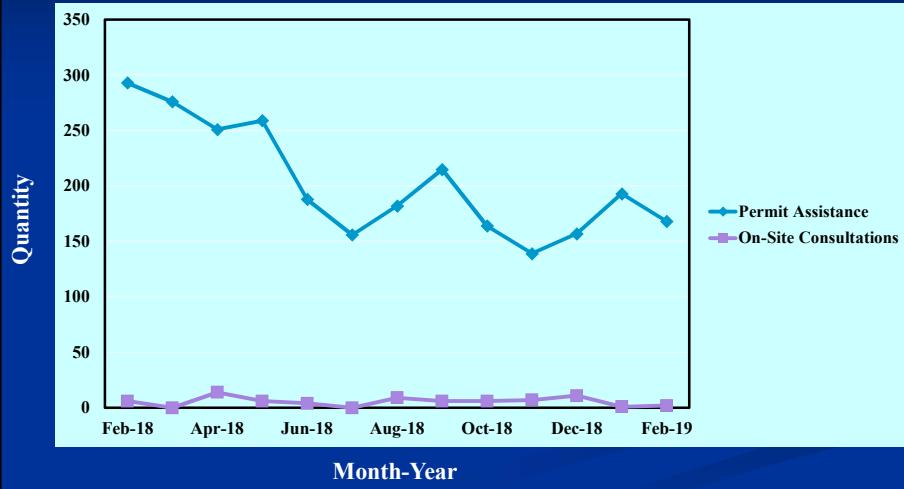
Small Business Activity February 2018 – February 2019

ACTIVITY	Permit Assistance	On-Site Consultations	Variance Assistance	Fee Review Requests	Air Quality Permit Checklists
Feb-2018	293	6	1	4	60
Mar-2018	276	0	0	2	62
Apr-2018	251	14	0	3	62
May-2018	259	6	0	0	82
Jun-2018	188	4	0	5	62
Jul-2018	156	0	0	2	51
Aug-2018	182	9	1	3	49
Sep-2018	215	6	0	2	68
Oct-2018	164	6	0	2	54
Nov-2018	139	7	0	4	58
Dec-2018	157	11	0	0	60
Jan-2019	193	1	0	2	63
Feb-2019	168	2	2	3	72
TOTAL	2641	72	4	32	803

3/8/2018

February 2019 Report

Small Business Activity February 2019



3/8/2018

February 2019 Report