



# 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 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, October 12, 2018 ♦ 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 locations 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)* Mayor Ben Benoit  
Committee Chair
2. Approval of September 14, 2018 Meeting Minutes  
*(Motion Required)* Derrick J. Alatorre,  
Deputy Executive Officer  
Legislative, Public Affairs &  
Media  
*[Attachment 1]*
3. Review of Follow-Up/Action Items Derrick J. Alatorre

#### **DISCUSSION ITEMS (Items 4 and 5):**

4. Permit Backlog Reduction  
*(No Motion Required)* Laki Tisopulos  
Deputy Executive Officer  
Engineering & Permitting  
*Staff will provide an update on the status of the permit backlog reduction.*  
*[Attachment 2]*
5. Local Government Land Use Policies to Reduce Air Pollution  
Exposure from Mobile Sources  
*(No Motion Required)* Michael Krause  
Planning & Rules Manager  
Planning, Rule Development &  
Area Sources  
*Staff will present a summary of policies that local governments can take and have taken to reduce exposure to air pollution, particularly from land uses with high mobile source emissions, like freeways.*  
*[Attachment 3]*

#### **WRITTEN REPORT:**

6. **Monthly Report on Small Business Assistance Activities** All  
*(No Motion Required)*  
*Summary of assistance and outreach activities conducted by SCAQMD's Small Business Assistance Office for September 2018.*  
*[Attachment 4 - Written Report]*

**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, November 9, 2018 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 5:30 p.m., Tuesday through Friday, or send the request to [sgarcia@aqmd.gov](mailto:sgarcia@aqmd.gov).*



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# DRAFT

## LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP FRIDAY, SEPTEMBER 14, 2018 MEETING MINUTES

### MEMBERS PRESENT:

Ben Benoit, Mayor Pro Tem, City of Wildomar and LGSBA Chairman  
Felipe Aguirre  
Paul Avila, P.B.A. & Associates  
Geoffrey Blake, Metal Finishers of Southern California  
Bill LaMarr, California Small Business Alliance  
Rita Loof, RadTech International  
Eddie Marquez, URCA Union Roofing Contractors Association

### MEMBERS ABSENT:

Dr. Clark E. Parker, Sr., Senate Rules Committee Appointee  
Janice Rutherford, Supervisor, Second District, San Bernardino County  
Rachelle Arizmendi, Mayor Pro Tempore, City of Sierra Madre  
Todd Campbell, Clean Energy  
LaVaughn Daniel, DancoEN  
John DeWitt, JE DeWitt, Inc.  
Cynthia Moran, Council Member, City of Chino Hills  
David Rothbart, Los Angeles County Sanitation District

### OTHERS PRESENT:

Ruthanne Taylor Berger, Board Member Consultant (*Benoit*)  
Mark Abramowitz, Board Member Consultant (*Lyou*)  
David Czmanske, Board Member Consultant (*Cacciotti*)  
Marc Ang, Asian Industry B2B  
Andy Silva, San Bernardino County

### SCAQMD STAFF:

Jill Whynot, Chief Operating Officer  
Derrick Alatorre, Deputy Executive Officer  
Fabian Wesson, Asst. Deputy Executive Officer/Public Advisor  
Nancy Feldman, Principal Deputy District Counsel  
Naveen Berry, Assistant Deputy Executive Officer  
Vicki White, Technology Implementation Manager  
Kathryn Higgins, Program Supervisor  
Philip Barroca, Program Supervisor  
Elaine-Joy Hills, AQ Inspector II  
Stacy Garcia, Secretary  
Aisha Reyes, Senior Office Assistant

**Agenda Item #1 - Call to Order/Opening Remarks**

Chair Ben Benoit called the meeting to order at 11:33 a.m.

**Agenda Item #2 – Approval of July 13, 2018 Meeting Minutes/Review of Follow-Up/Action Items**

Chair Benoit called for approval of the July 13, 2018 meeting minutes. The minutes were approved unanimously.

Mr. Derrick Alatorre indicated there were no action items that arose out of the July 13, 2018 meeting. Mr. Alatorre announced that the Clean Air Awards are on October 5, 2018.

**Agenda Item #3 – Follow Up/Action Items**

Ms. Rita Loof requested an update on Rule 219, including outreach and a report on activities. Mr. Alatorre indicated that he has asked however, staff is not yet ready, but he'll continue to check.

*Action Item: Check with staff when a presentation on Rule 219 may be provided.*

**Agenda Item #4 – Renewable Fuels Presentation**

Mr. Philip Barroca presented on the status of renewable natural gas and renewable diesel production and use.

Mr. Paul Avila inquired about the status of ethanol use. Mr. Barroca responded that ethanol has not produced the level of NO<sub>x</sub> reductions that are needed in the South Coast basin.

Ms. Loof referred to the chart on slide 8 of Mr. Barroca's presentation and asked how the negative carbon reduction is possible. Mr. Barroca said that not all greenhouse gases are created equal. When you are making the fuel from the high methane sources, you are having a 20:1 type of ratio apply because you are taking methane away, and it produces a fuel that will be used in an internal combustion engine that will, in turn, be producing CO<sub>2</sub>.

Mr. Eddie Marquez asked about carbon sequestration as it applies to methane, and if the same can apply to other renewables such as renewable diesel. Mr. Barroca responded that the feedstocks for renewable diesel are the same type of biomass feedstocks that would also result in methane reduction, and that there would be a carbon sequestering effect.

Mr. Bill LaMarr stated that California has had about a million acres burned because of wildfires, and it was estimated that it released about 10 to 15 million metric tons of carbon. Mr. LaMarr asked if it would make more sense for state and air agencies to explore forest management. Mr. Barroca stated that agriculture and trees are separate forms of biomass. The trees in California represent one of the largest sources of biomass available to convert into a fuel. Mr. LaMarr stated that this year, forest fires have been a major contributor to emissions, including criteria pollutants when considering all the structures that burned. Mr. Naveen Berry indicated that the anaerobic digestion and paralyzer pathways available for renewable natural gas will help assist in dealing with fuel available for forest fires. Chair Benoit added that the conversation regarding forest management is happening in Sacramento.

Mr. Avila asked about Hydrotreated Vegetable Oil (HVO) and Waste Vegetable Oil (WVO) on pages 9-10 of the presentation, specifically if they get manufactured and can be used for commercial purposes. Mr. Berry responded that those are varied feedstocks that are used to make biodiesel and preliminary

assessments show that they may cause an increase in NO<sub>x</sub> emissions. Mr. Avila asked what renewable natural gas was, to which Mr. Barroca explained that it's manufactured from renewable sources. Chair Benoit further added that green waste and food waste would be renewable natural gas.

Ms. Loof commented about stationary sources and how the focus in presentations appears to be more on mobile sources, fuels and NO<sub>x</sub> emission reductions rather than volatile organic compounds (VOCs).

**Agenda Item #5 – Update on SCAQMD's Incentive Programs**

Ms. Vicki White presented on the various incentive programs offered and the current levels of usage within the South Coast basin.

Mr. La Marr asked if the new funding in fiscal year 2017/2018 are monies that we actually have. Ms. White responded yes.

Mr. Avila asked if any program covers heavy equipment such as cranes. Ms. White responded that the Carl Moyer Program offers grants for heavy equipment and also includes engine repowering.

Mr. Alatorre stated that in regards to Assembly Bill 134 (AB 134), the Community Air Protection Program, \$250 million was allocated statewide in 2017 and SCAQMD got \$107.5 million. For 2018/2019, \$245 million is being allocated and we are still waiting to see how much SCAQMD will get.

Mr. Avila asked if the purpose of the mitigation trust for the Volkswagen settlement was because there were more Volkswagens sold around this area. Ms. White said that the South Coast basin did have the biggest percentage of vehicles that were in violation, but that it was a nationwide settlement.

Mr. Alatorre confirmed with Ms. White that Volkswagen was able to use some of the settlement money to put in infrastructure, such as charging stations.

Mr. LaMarr asked what is being done with the non-compliant Volkswagen vehicles. Ms. White responded that the vehicles are not allowed to be driven in California unless they were fixed through the recall process.

Ms. Loof asked what the CARB reserve of \$63 million on the Volkswagen Mitigation Program is being used for and how much the administrative costs are. Ms. White said that CARB needs to monitor the progress of the program, and they want to reserve funds to use if needed for other projects to meet the 10 thousand NO<sub>x</sub> commitment. The amount of administrative costs given to the air districts will be 10% and CARB will have 15%. The administrative costs also cover all of the reporting requirements to the trust. SCAQMD is discussing with CARB to hopefully get more support.

Ms. Loof asked what funds are available for stationary sources. Ms. White said that \$245 million from Senate Bill 865 has been set aside for incentives and includes stationary source incentives.

Mr. Berry said that most of the funds were designated for mobile sources; however, there was a request for proposal (RFP) earlier this year to fund stationary projects.

Mr. Geoffrey Blake asked what type of technology SCAQMD is using to improve efficiency in regards to Transport Refrigeration Units (TRUs). Ms. White indicated that TRUs are tractors with refrigerated containers in them. SCAQMD is replacing them with electric motors to provide the cooling, they will need to be plugged in, and funding will be available for the chargers.

Mr. La Marr stated that he recognizes that SCAQMD staff is committed to seeking incentive funding for stationary sources, but wants to hear that SCAQMD has actually secured funding. Mr. Berry responded that the incentive funds are typically for projects for reductions, and that is the way that CARB has structured them. The legislators have provided a strong path for mobile source reduction.

Mr. Alatorre said that in regards to implementing Assembly Bill 617 (AB 617), the first year was mobile sources, but in the upcoming years, there will be a shift from strictly mobile to more stationary sources and there will need to be a mitigation plan.

Ms. Loof commented that once the amendments to Rule 1469 go into effect, businesses will lose the opportunity to get funding.

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

No comments.

**Agenda Item #7 - Other Business**

Mr. Avila requested information on the City of Irwindale dropping its lawsuit against Sriracha and why SCAQMD got involved. Mr. Avila also requested a draft of the legislation on the sales tax measure. Mr. Alatorre said there is no draft yet. Mr. Avila requested the poll on the sales tax measure, to which Mr. Alatorre stated that would not be a problem.

*Action Item: Provide Mr. Avila with information regarding the Sriracha case and the poll on the sales tax measure.*

Mr. Avila then introduced Mark Ang from the Asian Industry B2B, who was in the audience.

Chair Benoit mentioned the upcoming Environmental Justice Conference on September 26, 2018.

**Agenda Item #8 - Public Comment**

Mr. Andy Silva announced that on September 27, 2018, CARB will vote on the AB 617 communities. Mr. Alatorre stated that it will be either on September 27<sup>th</sup> or 28<sup>th</sup>, 2018.

**Agenda Item #9 – Next Meeting Date**

The next regular Local Government & Small Business Assistance Advisory Group meeting is scheduled for Friday, October 12, 2018 at 11:30 a.m.

**Adjournment**

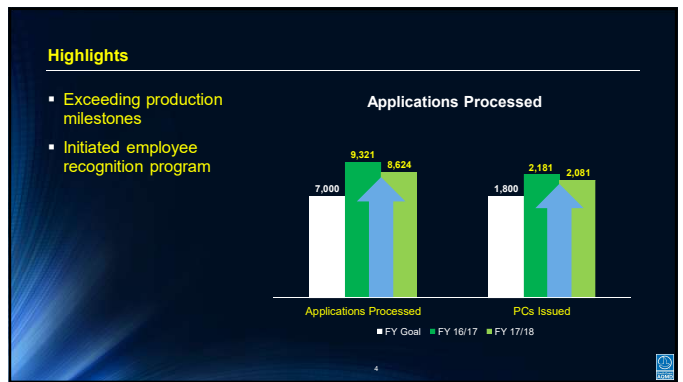
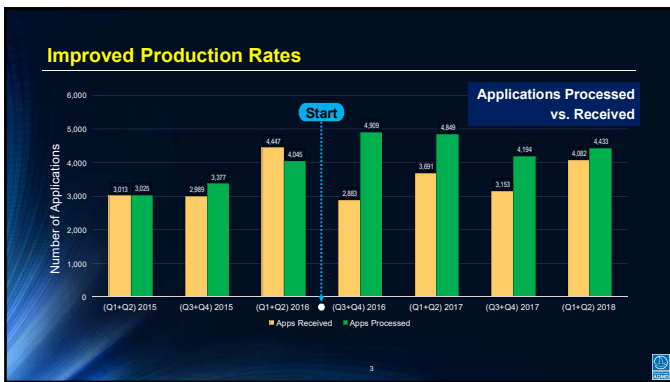
The meeting adjourned at 1:03 p.m.



## Local Government and Small Business Assistance Advisory Group

### Update on Engineering Backlog Reduction

October 12, 2018  
 Engineering and Permitting  
 Laki Tsipoulos, PhD, Deputy Executive Officer




### Online and Automation Initiatives

#### Goals

- Improved permit processing and service to stakeholders
- Migrate to all electronic application submittals
- No more paper forms / submittals
- Transparency, responsiveness and efficiency

#### Phase I - Online permitting

- Dry Cleaning Facilities
- Automotive Spray Booths
- Gasoline Dispensing Facilities

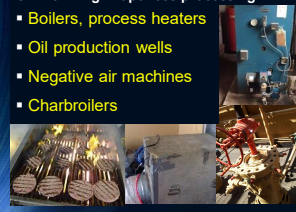


### Online and Automation Initiatives (cont.)

#### Phase II


#### Online Filing / Paperless processing

- Boilers, process heaters
- Oil production wells
- Negative air machines
- Charbroilers



#### Application status dashboard

- Public accessibility
- Enhanced metrics







### Moving Forward

- Continue progress
- Mindful of challenges
  - Processing residual aged apps of increasing complexity and challenges
  - Managing RECLAIM transition
  - Maintaining lower vacancy rate

## LOCAL GOVERNMENT LAND USE POLICIES TO REDUCE AIR POLLUTION EXPOSURE FROM MOBILE SOURCES

LG58A  
OCTOBER 12, 2018

## OVERVIEW

- Background – air quality/ public health
- Local Government Actions & Policies
- Existing Land Use in SCAQMD
- CARB Activities
- Mitigation Strategies
- SCAQMD Activities

## AIR QUALITY HEALTH IMPACTS NEAR FREEWAYS

- Pollutant concentrations decrease with distance from source
- Associated health outcomes for those living or going to school near freeways
  - Reduced lung capacity and growth
  - Cardiopulmonary disease
  - Adverse birth outcomes
  - Asthma exacerbation
  - Increased cancer risk

## BACKGROUND – REGIONAL & LOCAL AIR POLLUTION

Results from USC Children's Health Study

Urban et al., 2014 Associations of children's lung function with ambient air pollution: joint effects of regional and near-roadway pollutants. *Toxicol.*

## BACKGROUND – KEY POLLUTANTS NEAR MOBILE SOURCES

- Toxics – Diesel particulate matter; VOCs such as benzene, etc.
- Criteria pollutants
  - Most SCAQMD near roadway monitors show levels below EPA standards
    - Site near CA-60 roadway may exceed annual and daily PM2.5 NAAQS, mainly due to regional pollution
- Others – ultrafine particles
  - Associated with health effects, but unregulated
  - Particle number emission rates\* **reduced 85%** from vehicles on LA freeways 2001-2011

\*Choi et al. 2014 Factors controlling pollutant plume length downwind of major roadways in nocturnal surface inversion. *Atmos. Chem. & Phys.*

## EXISTING NEAR ROADWAY LAND USE IN SCAQMD

- 2012 land use within 500' of a freeway in SCAG
  - Households: 4%
  - Employment: 8%
- LA City population within 1,000' of a freeway: 500,000
- Recent residential CEQA documents received by SCAQMD with housing within 500' of a freeway: 13%

Map Source: LA Times

### MITIGATION STRATEGIES – REDUCE EMISSIONS

- Reduced tailpipe emissions
  - Zero and Near Zero Emission cars and trucks
- Reduced VMT
  - Higher density development near transit nodes

### MITIGATION STRATEGIES – REDUCE EXPOSURE

- Reduce exposure
  - Site design
    - Buffer zones
  - Barriers
    - Sound walls, Vegetation
  - Building design
    - Inoperable windows, High efficiency filters

### EXAMPLE LOCAL GOVERNMENT LAND USE ACTIONS & POLICIES

- LA County
  - Community Development Commission will not fund housing projects within 500' of a freeway
- LA City
  - HVAC filters required on new buildings within 1,000' of a freeway
    - New policy: City inspections every 4 years to verify filters installed
  - Advisory notice to all developers of residences within 1,000' of a freeway
    - New policy: Expanded notification to developers, development of new site configuration guidelines, but HRAs no longer required
  - EV charging infrastructure required in new developments (5%)
    - New policy: Evaluate feasibility of increasing requirement to 20%
  - New policies approved by city council August 2018

### EXAMPLE LOCAL GOVERNMENT LAND USE ACTIONS & POLICIES SCHOOLS

- CA Education Code prohibits school boards from acquiring a school site within 500' of a freeway unless health risks are less than significant
  - Allows for mitigation
  - Generally does not apply to private or charter schools
  - LAUSD has more stringent internal policy (effectively a ban)


### EXAMPLE LOCAL GOVERNMENT LAND USE ACTIONS & POLICIES WAREHOUSES

- Western Riverside County COG Good Neighbor Guidelines
- Riverside County approval of San Geronio Pass project required developer to contribute funds for air quality mitigation


### EXAMPLE LOCAL GOVERNMENT LAND USE ACTIONS & POLICIES REDUCING VMT

- SB 375 – Sustainable Communities Strategy
  - Establishes GHG emission reduction targets
  - 2016 SCS reduces about 3 tons/day NOx by 2022
  - CARB recently approved new regional targets
    - 19% reduction in per capita GHGs from vehicles by 2035
- SB 743 – Transportation Analyses in CEQA
  - Focus on reducing VMT instead of roadway level of service
- Competing issues occasionally

### CARB ACTIVITIES RELATED TO LOCAL GOVERNMENT LAND USE DECISIONS



- Land Use Handbook (2005)
- Technical Advisory (2017)
  - Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways
- Upcoming guidance for Large Freight Facilities
  - In Progress



### SCAQMD PAST AND CURRENT ACTIVITIES RELATED TO LOCAL GOVERNMENT LAND USE DECISIONS

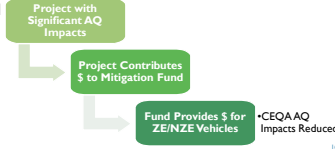
- Issued guidance**
  - 2012 AQMP (Chapter 9 – Near Roadway Exposure & Ultrafine Particles) (<http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-aqmp/2012-air-quality-management-plan>)
  - CEQA Air Quality Analysis Handbook (<http://www.aqmd.gov/home/tech-ules/compliance/ceqa/air-quality-analysis-handbook>)
  - Air Quality Issues in School Site Selection ([http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/school\\_guidance.pdf](http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/school_guidance.pdf))
  - Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning (<http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf>)

### SCAQMD PAST AND CURRENT ACTIVITIES RELATED TO LOCAL GOVERNMENT LAND USE DECISIONS – CONT'D

- Review/comment on CEQA documents** (<http://www.aqmd.gov/home/rules-compliance/ceqa/commenting-agency>)
  - Receive ~1,200/year (all land uses) → staff provides comments on ~350/year
  - Pursue CEQA litigation in rare cases (e.g., SCIG rail yard, World Logistics Center)
- Conduct Research**
  - Vehicle technologies (<http://www.aqmd.gov/home/technology/reports>)
  - School Filtration (<http://www.aqmd.gov/docs/default-source/ceqa/handbook/aqm-016-study-final-report.pdf>)
  - Near Road Mitigation Measures/Technologies (<http://www.aqmd.gov/home/technology/technology-forums>)

### SCAQMD UPCOMING ACTIVITIES RELATED TO LOCAL GOVERNMENT LAND USE DECISIONS

- Updates to CEQA Handbook**
  - Staff will work with CARB as they update their Land Use Handbook, focusing on Freight Facilities
- Initiating a new CEQA Air Quality Mitigation Fund**
  - Part of Facility Based Measures approved by Board May 2018
  - General concept established in World Logistics Center settlement





# Small Business Assistance Report on September 2018 Activities for LG&SBA Advisory Group Meeting of 10/12/2018

## Services Offered – September

■ Permit Application Assistance	215
■ On-site Consultations	6
■ Fee Review Committee Request	2
■ 1 Granted (Reinstate Permit)	
■ 1 Denied (Refund Fee)	
■ Air Quality Permit Checklist Processed	68

## Permit Assistance – September

- 215 Activities Providing Help with Permit Applications. Examples include:
  - 26 *Manufacturing Facilities*
  - 23 *Restaurants*
  - 18 *Offices*
  - 14 *General Contractors/Consultants/Architects*
  - 13 *Auto Body Shops*
  - 7 *Metal Facilities/Machines Shops*
  - 5 *Dry Cleaners*
  - 4 *Fuel Dispensing Stations*

10/12/2018

September 2018 Report

## Activities – September

- Conducted 6 free on-site consultations
  - Manufacturing Facilities
  - Dry Cleaners
  - Offices
  - Powder Coating Facility

10/12/2018

September 2018 Report

## Dry Cleaner Grants Issued (as of 10/2018)

■	Professional Wet Cleaning	148
■	CO <sub>2</sub> Machines	4
■	Hydrocarbon (funds expended)	488

10/12/2018

September 2018 Report

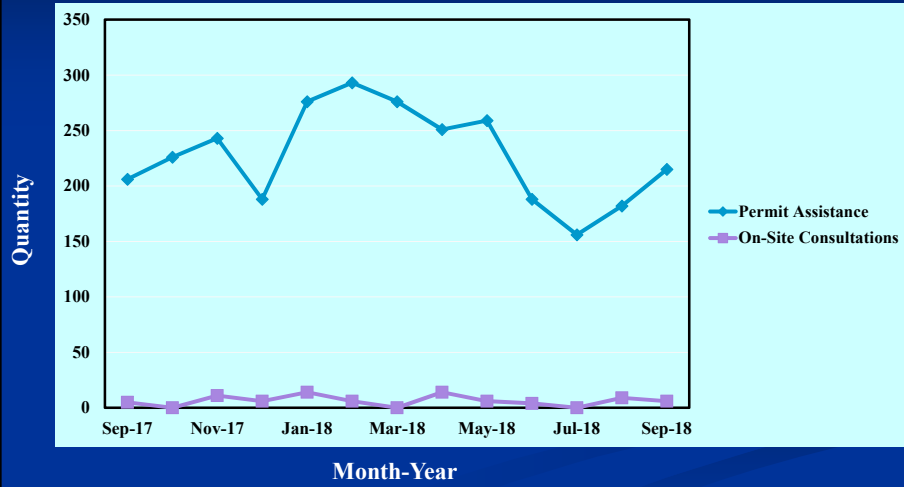
## Small Business Activity September 2017 – September 2018

ACTIVITY	Permit Assistance	On-Site Consultations	Variance Assistance	Fee Review Requests	Air Quality Permit Checklists
Sep-2017	206	5	1	10	66
Oct-2017	226	0	0	4	92
Nov-2017	243	11	0	7	97
Dec-2017	188	6	0	5	70
Jan-2018	276	14	1	4	60
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
<b>TOTAL</b>	<b>2959</b>	<b>81</b>	<b>4</b>	<b>51</b>	<b>881</b>

10/12/2018

September 2018 Report

# Small Business Activity September 2018



10/12/2018

September 2018 Report