AGENDA
Tuesday, July 28, 2020

6:00 – 6:10pm  Welcome/Introductions

6:10 – 6:20pm  Administrative Items

6:20 – 6:55pm  Report Back
   a.  Recent Fires/Events and Real Time Air Quality Data
   b.  Technical Advisory Group (TAG) Design Team
   c.  Overview of Stationary Source Permitting and Compliance

6:55 – 7:40pm  Resource Planning, Continuation of AB 617 Budget Discussion

7:40 – 7:50pm  New Business

7:50 – 8:00pm  Public Comments

8:00pm  Adjourn
Administrative Items

1) Logistics
2) Steering Committee Membership
3) District Update
4) Approve previous meeting notes
• Staff is available if you have technology trouble; call 1-916-874-4847

• You can message the host or co-host if you are having technical difficulties.

• During the Steering Committee discussion period or during Public Comment period, each person who wants to speak will need to raise your virtual hand:
  • On Zoom web application – Please press “Raise your virtual hand button”
  • On the phone – Dial *9 to “Raise your virtual hand button.”
  • Please state your name and affiliation.

• When you are called – Please unmute yourself on the app or the phone (press *6)

• Email public comments to David Yang at dyang@airquaility.org
Report Back
35 minutes

a. Recent Fires/Events and Real Time Air Quality Data
b. Technical Advisory Group (TAG) Design Team
c. Overview of Stationary Source Permitting and Enforcement
Recent Fires/Events and Real Time Air Quality Data
5-Alarm Fire near 47th Ave. and Franklin Blvd.

“More than 200 firefighters are battling a large, 5-alarm fire in South Sacramento Monday night [6/1/2020] in a commercial area near the old Campbell's Soup plant... The fire has severely damaged cars and buildings, including an auto body shop, mattress warehouse and pallet store.”

ABC10 News, June 2, 2020, 12:07 AM
Franklin Field Controlled Burn

- Conducted by Consumes Fire Department
  - Training purposes

- Between June 1 to June 6, 2020

- Southwest and South wind on June 3, 2020
  - Wind speed 5-12 mph
Clarity PM$_{2.5}$ Sensors in AB617 South Sacramento-Florin Community

Possible smoke impact from controlled burn at Franklin Field, Elk Grove

Warehouse Fire

Source: Sacramento Metropolitan Air District Envista data acquisition system
Technical Advisory Group (TAG) Design Team Report Back

(Lead: Vincent Valdez)
Notes from the TAG Design Team meeting on 7/21/2020

Public Health Expert - Alex Kelter
Epidemiology – Dr. Taiwo, expertise in community engagement, epidemiology, long history working in medically underserved areas of Sacramento.
Air Quality Monitoring Expert - Earl Withycombe; Joel Craig (Environmental Consultant, Specializing in Ambient Air and Meteorological Monitoring)
Health Impact from air pollution and transportation expert - Jonathon Bobadilla
Environmental Justice - Katie Valenzuela
Communication Expert – TBD
Urban Tree Expert -TBD
School Expert – Elk Grove Unified and Sac City Unified
Transportation/Urban Planning - TBD
Economist/Statistician -TBD
Community Org Advocates – TBD (Brown issues, Greentech youth)
Youth – La Familia STEM program;
Business Representation – Coating Industry, Automotive Repair Industry
Legal Expert/Policy Expert – TBD

Notes:
• Goal: TAG up and going in September
• Can meet prior to the September SC meeting
• Proposing: August 12; Wednesday
  • Will have emailed the resumes;
  • Contact with experts report back to Vincent? Within the next week, July 29th.
AIR QUALITY
PERMITTING & COMPLIANCE
A General Overview
How does Sac Metro Air District help protect air quality and your health?
Two core air quality programs...

PERMITTING

COMPLIANCE

Clean Air Act 1970
How does a permit help protect air quality and your health?
### How does a permit reduce emissions?
- Sets emission limits
- Sets operating conditions
- Drives cleaner equipment over time
- Legally enforceable

### How does a permit protect public health?
- Health risk assessments
- Public & school noticing
- “Hot Spots” program
What do we permit?

Equipment & processes that emit air pollutants ...

- Engines: 36%
- Boilers: 18%
- Fuel Dispensing Equipment: 8%
- Coating Operations: 6%
- Pollution Control Devices: 12%
- Other Equipment: 20%

What do we permit? Equipment & processes that emit air pollutants ...
Permitting Program

Let’s look at the numbers …

- How many companies? 2200
- How many active permits? 4400
- How many permits in community boundary? 145
Permitting Process

- Review Application
- Review Federal, State & Local Rules
- Best Available Control Technology
- Health Risk Assessment (Toxics)
- Authority to Construct
- Initial Inspection & Issue Final Permit

Ongoing Inspections & Review
What about toxic sources?

Toxics “Hot Spots” Program

Assess Health Impact
- Inventory
- Prioritization
- Health Risk Assessment

Reduce Risk
- Public Awareness
- Risk Reduction Plan

Inform the Public
- Mail Notices
- Annual Report & Public Hearing
What about toxic sources?

<table>
<thead>
<tr>
<th>CORE Facilities</th>
<th>INDUSTRYWIDE Facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 facilities</td>
<td>~1100 facilities</td>
</tr>
<tr>
<td>• Power Plants</td>
<td>• Diesel Engines</td>
</tr>
<tr>
<td>• Large Manufacturing</td>
<td>• Gas Stations</td>
</tr>
<tr>
<td>• Aggregate Plants</td>
<td>• Chrome Platers</td>
</tr>
<tr>
<td>• Bulk Fuel Plants</td>
<td>• Dry Cleaners</td>
</tr>
<tr>
<td>• Landfills</td>
<td></td>
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</tbody>
</table>
What about major sources?

How many major sources? 14

EXTRA REQUIREMENTS

- Separate federal permits
- Additional recordkeeping
- Some have continuous monitoring
- Emission data reported annually
- Federal data tracking
Find permitted sources online: http://www.airquality.org/businesses/permits-registration-programs/permitted-locations
What we **don’t** regulate?

<table>
<thead>
<tr>
<th>Federal and/or State Authority</th>
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</thead>
<tbody>
<tr>
<td><strong>Mobile Sources</strong></td>
</tr>
<tr>
<td><strong>Fuels</strong></td>
</tr>
<tr>
<td>(gasoline, diesel, jet fuel)</td>
</tr>
<tr>
<td><strong>Consumer Products</strong></td>
</tr>
</tbody>
</table>
What we don’t regulate, but …

Sacramento Executive Airport

• Air lead concentrations reduced by 99% since 1980

• Federal agencies set aircraft and fuel emission standards

• EPA and FAA actions to reduce lead in small aircraft fuel

• CAMP Phase II and III includes monitoring for lead

1 https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100YG46.pdf
What does our compliance team do to help protect air quality and your health?
Compliance Program

- Boots on the ground
- Verify business compliance
- Observe emission tests
- Work with the public

Annual Permit Inspections
Violation & Penalties
Public Complaints
Check Before You Burn
State & Local Rule Enforcement
Asbestos Program
Compliance Program
Violations & Penalties

- Penalties are an important tool in air quality enforcement
- Motivates businesses to stay compliant
- Establishes an even-playing field for businesses
- Most penalties collected through Mutual Settlement Program

How much is collected in penalties?
$300,000 (average/year)

How much was collected in FY18/19? $171,000

- Agricultural Burn Program
- Asbestos Programs
- Check Before You Burn Enforcement
Compliance Program

Let’s look at the numbers* ...

- How many inspections? 2500
- How many violations? 200
- How many asbestos projects reviewed? 1800
- How many complaints? 800

* All numbers are approximate and vary year to year
How can you help protect air quality and your health?
Here’s one thing – Report air quality concerns ...

<table>
<thead>
<tr>
<th>ONLINE</th>
<th>CALL</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="http://www.airquality/residents/complaints">www.airquality/residents/complaints</a></td>
<td>(916) 874-4800 (800) 880-9025</td>
</tr>
</tbody>
</table>
What areas do you want to hear more about?
Resource Planning, Continuation of AB 617 Budget Discussion (45 minutes)
AB617 Budget Reductions

- Committee request on how to help advocate for funding
- Reductions in both implementation and incentive funding in year 2020
- State funding of implementation did get added to the budget, our allocation TBD
- State funding for incentives to be determine in August, 2020

- Reminder of reductions in both implementation and incentives for this year.

<table>
<thead>
<tr>
<th>Year</th>
<th>Implementation</th>
<th>Incentives (Project funds)¹</th>
</tr>
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<tbody>
<tr>
<td>2018</td>
<td>$850K</td>
<td>$3.3M</td>
</tr>
<tr>
<td>2019</td>
<td>$1.50M</td>
<td>$13.0M</td>
</tr>
<tr>
<td>2020</td>
<td>$1.25M</td>
<td>$5.8M</td>
</tr>
<tr>
<td>2021</td>
<td>?</td>
<td>?</td>
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</table>

¹Funds available for projects

Details on Implementation Funding: http://www.airquality.org/AB617/Documents/Year%20Budget%20Update%20Handout_Website_06232020.pdf
Details on Incentives Funding: http://www.airquality.org/air-quality-health/community-air-protection/community-air-protection-program-incentives/cap-projects
CAMP Implementation Commitments

• **Existing Commitments for Community Air Monitoring Plan (CAMP)**
  • Phase 2 – 6 sites (6 months) + laboratory analysis
  • Phase 3 – 1 monitoring trailer (1+ year monitoring) + laboratory analysis
  • Community Outreach (6 meetings)
  • Steering Committee Meetings to decide Phase 3 monitoring placement
    • Report back on data

• **Additional responsibilities under AB617 – new Community Emission Inventory & Rule Development**
Impacts Moving Forward

• District is committed to ensuring CAMP implementation is a priority and monitoring data is collected and available to the community.
• Impacts on staffing
• Consistent with the survey of committee priorities:
  • Maintain flexibility within the CAMP – when monitoring occurs, review of location of the monitors, how best to outreach and what does that look like, pre-CERP subgroup
  • Bigger elements like boundaries and CERP can be considered next summer
• With current resources, we will have to have fewer Steering Committee meetings through this next year.
**How Meetings Might Look this Year**

3 Traditional Meetings
+ 4 Mini Meetings

5 Traditional Meetings

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**Traditional Meetings Include:**
- Reporting and discussing data
- Outreach and Phase 3 decisions
- Subgroup reports and actions
- Other information requests for the District

**“Mini” Meetings**
- Reports from subgroups
- Actions from subgroup recommendations
- Presentations from outside groups
- Would not include more significant District report outs

Note: The TAG will need to be worked into these considerations.
New Business
10 minutes
Upcoming agenda topics?

(Order Based on Steering Committee Survey Results)

• Amendments to the charter
• Agenda development process
• Best practices
• Pre-CERP Preparation (study group?)

• Discussion about SC member recruitment/timeframes?
• Outreach subcommittee for CAMP work
Public Comments
10 minutes

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Next Meeting Date: August 25, 2020