Community Air Initiatives

San Bernardino and Muscoy Community Air Initiatives and Opportunities for Participation

Tuesday, October 9, 2018
San Bernardino, CA
Who is the SCAQMD?
Regional Government Agency Responsible for Protecting Our Residents from the Health Effects of Air Pollution

What we do
• Develop Air Quality Management Plan
• Adopt air quality rules and regulations
• Issue permits
• Conduct periodic inspections and respond to air quality complaints
• Enforce District rules through inspections and complaints
• Issue violations and assess penalties as appropriate
• Develop and deploy clean technology
• Conduct air monitoring
• Engage with all stakeholders through public outreach
Community Air Initiatives in San Bernardino and Muscoy

Community Level Monitoring

Public Participation

Air Pollution Action Plans
Why this community?

CalEnviroScreen 3.0

CalEnviroScreen 3.0 Results (June 2018 Update)
- 91 - 100% (Highest Scores)
- 81 - 90%
- 71 - 80%
- 61 - 70%
- 51 - 60%
- 41 - 50%
- 31 - 40%
- 21 - 30%
- 11 - 20%
- 1 - 10% (Lowest Scores)

High Pollution, Low Population
Previous work in this Community

San Bernardino / Muscoy community
Clean Communities Plan (CCP)

Diesel Sources

Air Filtration

No-Fault Inspections

Auto Body and Auto Repair Shops

Omnitrans
Clean Communities Plan (CCP)

- Paint (Buildings)
- Electric Vehicle Chargers
- Wood Burning Appliances
- Yard Equipment Exchange
- Commercial Electric Lawn Mowers
Air Monitoring near BNSF Rail Yard (MATES IV)

Reasoning:
• Black Carbon is an indicator for diesel pollution in urban areas.
• Ultrafine particles come from combustion (e.g. engines)

Findings
• Black Carbon and Ultrafine particles concentrations were elevated compared to typical levels in the region

Note that this was a “fenceline” study, so there were no measurements collected in the residential areas.
**Purpose:** Public Health Assessment of residents near the San Bernardino Railyard

**Looked at:**
- Children’s health (e.g. asthma)
- Adult health (e.g. cancers)
- Perceptions of air quality and rail yard
Key elements of AB 617

Community Air Monitoring

Community Emission Reduction Plans

Easier Access to Emissions Data

Best Emission Controls

Clean Technology Investments

Community centered
Key milestones in statute

July 2019
- July 1 – Deadline for SCAQMD to deploy air monitoring for YEAR 1 communities

September 2019
- Sept 27 – Deadline for SCAQMD to adopt emissions reduction plans for YEAR 1 communities

December 2023
- December 31 – Deadline for SCAQMD to implement Best Available Retrofit Control Technology (BARCT)
Community Steering Committee

Purpose

- Identify and prioritize air pollution issues
- Guide strategies for:
  - Community air monitoring
  - Emissions reduction program
- Provide input on community definition
- Develop approaches and assist with community outreach
- Track progress

Who should/will be part of it?

- Active residents and community leaders
- Local business owners or workers
- Community organizations
- Others
- Agencies, e.g. Local land use, public health, etc.
## Community Steering Committee

### Membership process

1. **Visit Booth #1**

2. **Fill out an interest form** – **Deadline Oct. 19 for SB/Muscoy**
   - [www.aqmd.gov/ab617/CSCform](http://www.aqmd.gov/ab617/CSCform) (English),
   - [www.aqmd.gov/ab617/CSCform-sp](http://www.aqmd.gov/ab617/CSCform-sp) (Spanish)

3. **Members will be contacted in October**

4. **First Community Steering Committee meeting**: November 8 (in San Bernardino)

5. **Visit our website** ([www.aqmd.gov/AB617](http://www.aqmd.gov/AB617)) for more information and updates
Incentive Programs for Mobile Source Emission Reductions

San Bernardino / Muscoy
SCAQMD’s Main Incentive Programs

**Carl Moyer Program**
- Trucks
- Transit buses
- Refuse trucks
- Public agency/utility vehicles
- Emergency vehicles

- 1998 – Present
- $467 Million
- 6,708 vehicles
- Emissions Reduced (tpy): NOx: 7,598  PM: 222

**Prop 1B**
- Trucks
- Shore Power
- Locomotives
- Cargo Handling
- Transport Refrigeration Units (TRUs)

- 2009 - Present
- $485 Million
- >7,300 vehicles
- Emissions Reduced (tpy): NOx: 7,086  PM: 220

**Replace Your Ride**
- Light-Duty Vehicles
- Alternative Mobility Options (transit passes, Uber, Lyft)
- Electric vehicle chargers

- 2015 - Present
- $24 Million
- 3,100 vehicles
- Emissions Reduced (tpy): NOx: 29  HC: 67  CO: 8,031

**Lower Emission School Bus Program**
- School buses
- Infrastructure
- CNG tank replacements

- 2001 - Present
- $280 Million
- 5,000 vehicles
- Emissions Reduced (tpy): NOx: 219  PM: 25
Incentives for Community Air Protection

AB134 (2017)
SB856 (2018)

Early actions to reduce emissions

- AB134
  - $107.5 million to SCAQMD
  - Carl Moyer Program (up to 40% for clean truck projects)

- Reducing emissions in disadvantaged and low-income communities
  - SB 856
    - $245 million (statewide)
    - Mobile Sources
    - Charging Infrastructure
    - Stationary Sources
    - Projects for community Emission Reduction Plans

Incentives for Community Air Protection

$245 million (statewide)
Mobile Sources
Charging Infrastructure
Stationary Sources
Projects for community Emission Reduction Plans
Incentive Projects Types

Learn more at Booth #3
# Open House Booths

<table>
<thead>
<tr>
<th>Booth 1</th>
<th>Booth 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering Committees for Community Air Initiatives to Reduce Air Pollution (AB 617)</td>
<td>Air Monitoring in San Bernardino and Muscoy through AB 617</td>
</tr>
</tbody>
</table>

**Booth 3**
Incentives for Cleaner Vehicles and Equipment
Questions?

More information on AB 617: [www.aqmd.gov/AB617](http://www.aqmd.gov/AB617)

Email: AB617@aqmd.gov

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