

Community Air Initiatives

**San Bernardino and Muscoy
Community Air Initiatives and
Opportunities for Participation**

*Tuesday, October 9, 2018
San Bernardino, CA*



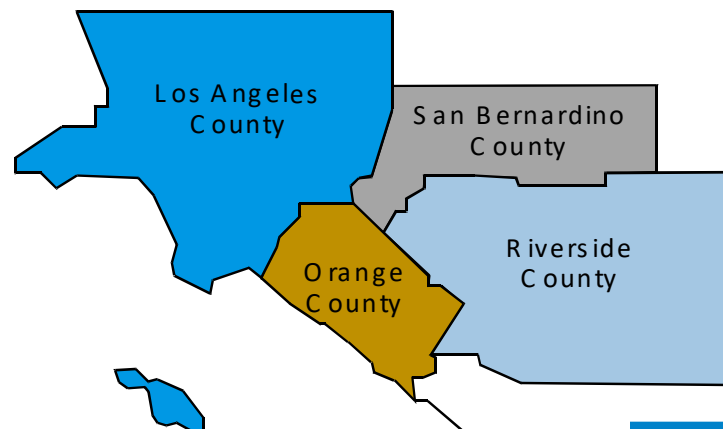


Who is the SCAQMD?

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

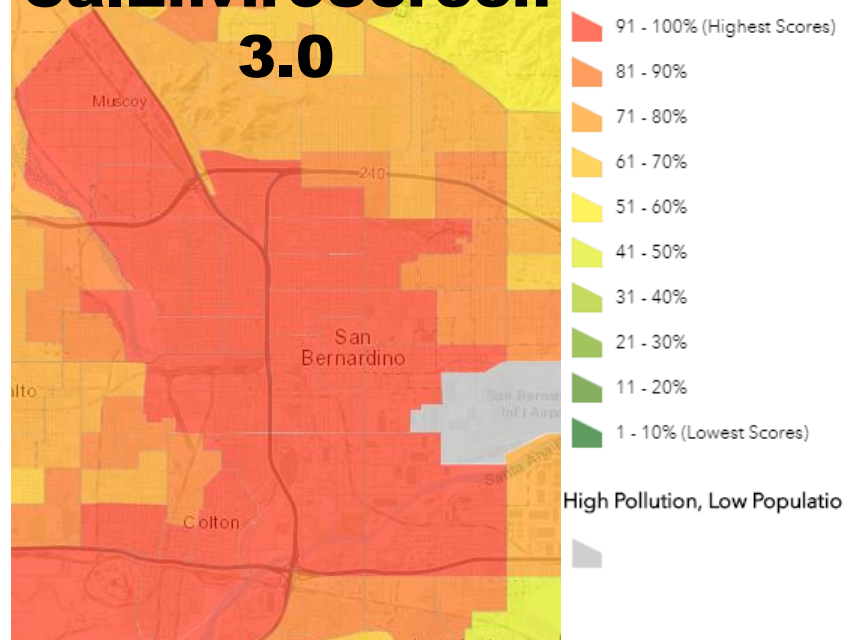


Why this community?



CalEnviroScreen 3.0

CalEnviroScreen 3.0 Results (June 2018 Update)





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**

SPECIAL OFFER FOR RESIDENTS OF BOYLE HEIGHTS AND SAN BERNARDINO! - REGISTER NOW!

Electric Lawn Mower Exchange Program

Trade-in your old, gasoline-powered lawn mower and purchase a discounted, cordless battery-electric mower on:

October 10, 2015
LA County USC Medical Center
1895 San Pablo St.
Los Angeles, CA
Phone: (213) 900-2222, (213) 900-2223, (213) 900-2224, (213) 900-2225

October 17, 2015
Inland Empire 66ers
280 South "E" St.
San Bernardino, CA
Phone: (909) 392-1111, (909) 392-1112, (909) 392-1113, (909) 392-1114, (909) 392-1115

New Mowers will be \$50, \$80 or \$100 depending on the model you select.

To pre-register or for more information please visit www.aqmd.gov/lawnmower or call (888) 425-6247 Tuesday-Friday from 9 a.m. to 5 p.m. for assistance.

Yamaha: The program will take in gas-powered mowers at event locations. Please shop your old mower for cash or credit. The program will provide you with a new electric mower. The program will provide you with a new electric mower. The program will provide you with a new electric mower.

\$50 or \$80

\$50 or \$100

**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.



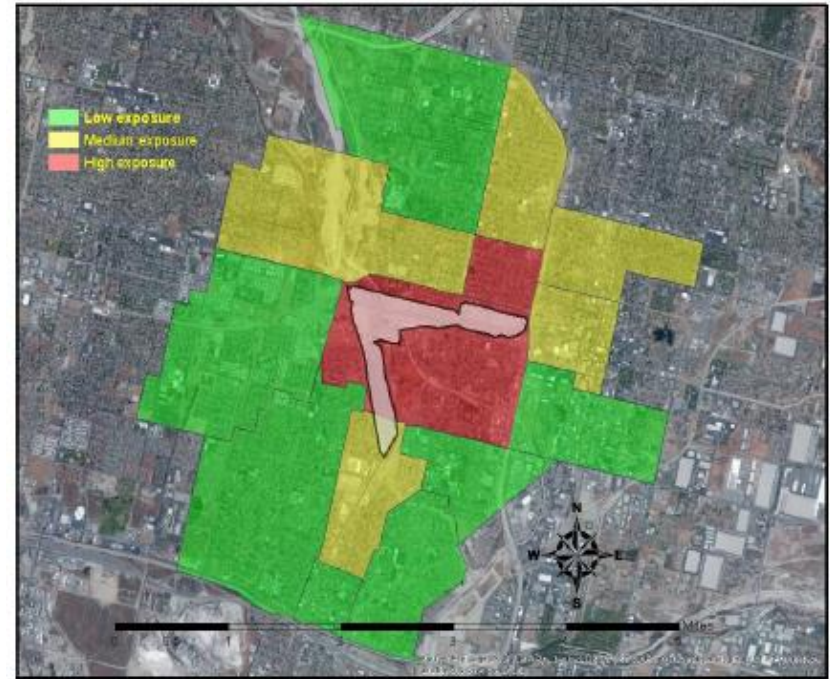
ENRRICH study

*Environmental Railyard Research
Impacting Community Health*

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



LOMA LINDA
UNIVERSITY



San Bernardino / Musco
Community

Community Steering Committees: Role and Process



Key elements of AB 617

**Community
Air
Monitoring**

**Community
Emission
Reduction
Plans**

**Easier
Access to
Emissions
Data**

**Community
centered**

**Best
Emission
Controls**

**Clean
Technology
Investments**

Key milestones in statute

2019

Jul

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

2019

Sep

Sept 27 – Deadline for SCAQMD to adopt **emissions reduction plans** for **YEAR 1 communities**

2023

Dec

December 31 – Deadline for SCAQMD to implement **Best Available Retrofit Control Technology (BARCT)**



Community Steering Committee

Purpose

Identify and prioritize air pollution issues

Provide input on community definition

Guide strategies for:

- **Community air monitoring**
- **Emissions reduction program**

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 (English),
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) for more
information and updates**

A large white tanker truck is driving on a paved road that curves through a hilly, arid landscape under a clear blue sky. The truck is viewed from behind, showing its multiple cylindrical tanks and a tall exhaust stack. The license plate on the rear of the truck is 4GZ7883. The truck has 'MVAbee Trucking' written on its side and rear.

Incentive Programs for Mobile Source Emission Reductions

San Bernardino 7 Muscogee



SCAQMD's Main Incentive Programs

Carl Moyer Program

- Trucks
- Transit buses
- Refuse trucks
- Public agency/utility vehicles
- Emergency vehicles
- Construction/Ag
- Marine Vessels
- Shore Power
- Locomotives
- Cargo Handling
- Infrastructure

- 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

Early actions
to reduce
emissions

AB134 (2017)
SB856 (2018)

Reducing
emissions in
**disadvantaged
and low-income
communities**

AB134

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

SB 856

- \$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

Booth 1

Steering Committees for
Community Air Initiatives to
Reduce Air Pollution (AB 617)

Booth 2

Air Monitoring in San Bernardino
and Muscoy through AB 617

Booth 3

Incentives for Cleaner Vehicles and Equipment



Questions?

More information on AB 617:

www.aqmd.gov/AB617

Email: AB617@aqmd.gov

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