

What is the “Community Engagement and Air Protection Program” under AB 617?

Southwest Stockton
AB 617 Community Kick-off Meeting
January 22, 2020

Valley Faces Unique Air Quality Challenges

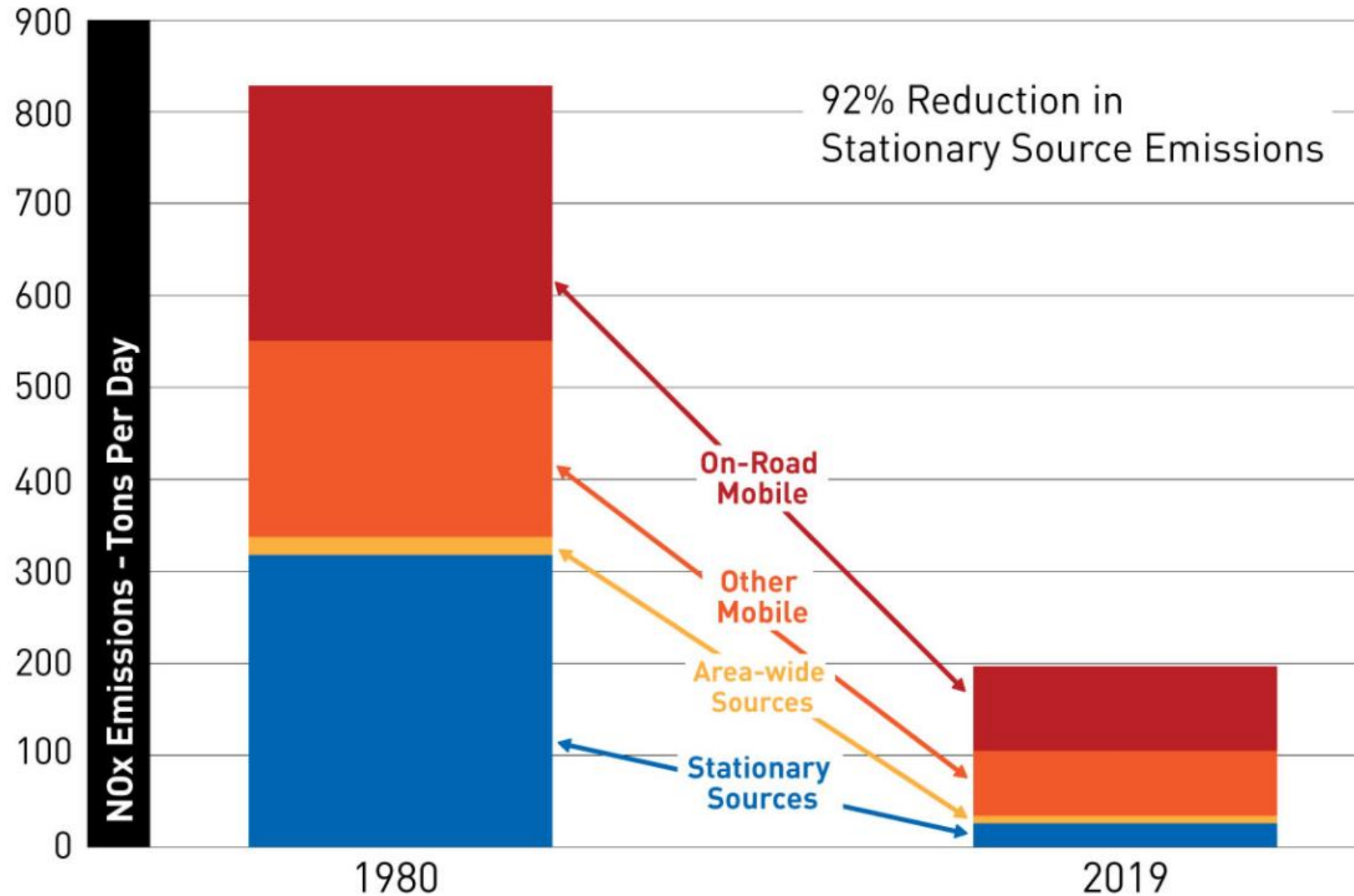
- Surrounding mountains and meteorology help create and trap air pollution
- High poverty, unemployment
- High rate of population growth
- I-5 and Hwy 99 (major transportation arteries) run through Valley
- Summer challenge: Ozone
- Winter challenge: Fine Particulates



Clean Air Efforts in the San Joaquin Valley

- Toughest air regulations on businesses, cars and trucks, consumer products, and Valley residents
- Reduction of health risk from existing and new businesses through District's permitting and air toxics hot spots programs
- \$40 billion spent by businesses on clean air
- Grant programs: \$2.6 billion public/private investment in clean air projects
- Air quality throughout the Valley has improved significantly
- Clean air efforts must continue - Valley's new clean air plan will establish a range of new measures to further reduce air pollution from businesses, mobile sources, and residents

Major Reductions in Valley NOx Emissions



Assembly Bill 617 Overview

- AB 617 passed by state legislature in 2017 to address potentially high burdens from air toxics and criteria pollutants in identified impacted communities
- Through robust public engagement process, CARB and air districts must develop and implement community specific:
 - Community air monitoring networks
 - Community emission reduction plans

AB 617 Brings New Resources and Attention to Valley Communities

- AB 617 established to further address community-level air quality issues beyond regional clean air efforts
 - Provides opportunity for investment in impacted communities to reduce air pollution
 - Valley successful in bringing significant new funding to our communities
- State (CARB) tasked with selecting communities for action every year
- Upon CARB's selection of communities, air districts must develop and implement any necessary air quality monitoring and Community Emissions Reduction Programs (CERPs) for each community
- Only successful through strong partnerships with local and state agencies, and community stakeholders (residents, businesses, community organizations, and others)

Clean Air Grants to Improve Air Quality

- Incentive grants reduce pollution by providing funding to help replace older, dirtier equipment with newer, cleaner models
- Over \$2.8 billion clean air grant public/private investment to date by Valley residents, businesses, schools, cities, counties, and others
- AB 617 creates new opportunities for making clean air investments in impacted communities



Available Clean Air Grants

- Funding currently available for a variety of grant programs for Valley businesses, residents, and public agencies
- Grant opportunities for businesses:
 - Heavy Duty Truck Replacement
 - Agricultural Equipment Replacement
 - Off-Road Equipment Replacement
 - Cargo Handling Equipment
 - Locomotive Replacement
 - Electric Vehicle Charging Infrastructure
 - Alternatives to agricultural burning
 - Low dust nut harvesting equipment
 - Commercial Lawn and Garden Equipment Replacement
 - Ag Truck Replacement
 - Alternative Fuel Infrastructure

Available Clean Air Grants (cont'd)

- Grant programs for Valley Residents:

- Passenger vehicle repair
- Passenger vehicle replacement
- Woodstove/fireplace replacement
- Electric lawn mowers
- Vanpool Vouchers

- Grant programs for Public Agencies:

- Electric vehicle charging infrastructure
- Emergency Vehicle Replacement
- Alternative fuel infrastructure
- Transit and School Bus Replacement
- Alternative Fuel Vehicles
- Bike Path and Park and Ride Lot Infrastructure

Need more information? Want to serve on the Steering Committee?

Steering Committee Applications Due January 30th

Contact the Valley Air District at:

AB617@valleyair.org

(559) 230-6170

For information, or to receive regular updates, visit:

AB 617 Community Page: www.valleyair.org/community

Valley Air District Website: www.valleyair.org

Follow us on
social media



Use the Valley Air
App for the latest
air quality info.



How does the “Community Engagement and Air Protection Program” Work?

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AB 617 Community Selection Process

Through an extensive public outreach process, the District has now undergone two rounds of AB 617 community identification and nomination for CARB consideration

July 2018: District submitted Year 1 recommendations to CARB

Sept 2018: CARB selected **10** communities statewide

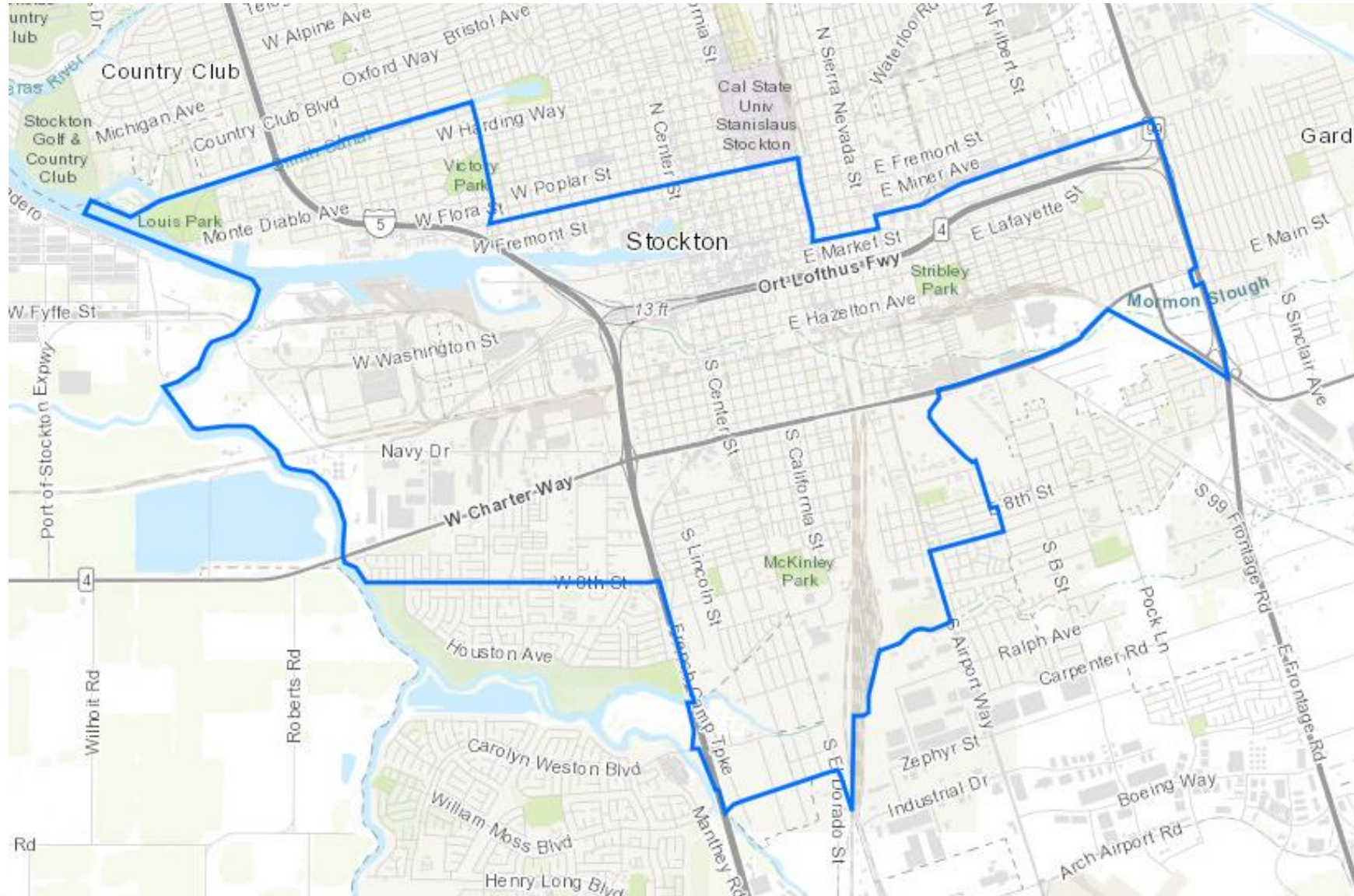
Year 1 Valley Communities:
South Central
Fresno & Shafter

Sept 2019: District submitted Year 2 recommendations to CARB

Dec 2019: CARB selected **3 *new*** communities statewide

Year 2 Valley Community:
Southwest
Stockton

CARB-Selected Southwest Stockton Community



Southwest Stockton Community Characteristics

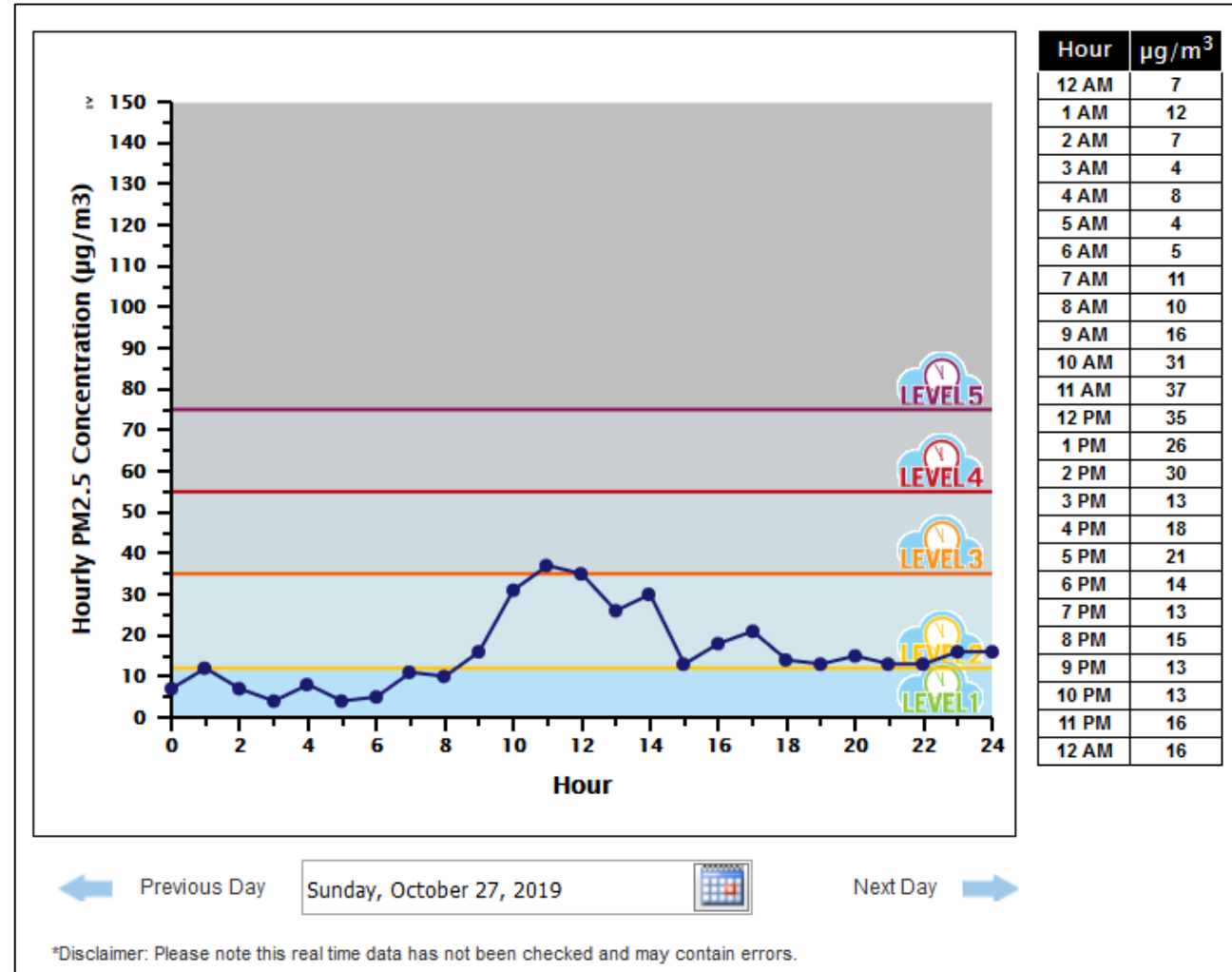
- Stockton is the largest metro area in District's northern region
- Southwest Stockton is densely populated community impacted by large freeways, Port of Stockton, industry, and upwind emissions
 - 12.2 square miles
 - Estimated population of 51,000
 - Interstate 5 and Highways 99 and 4
- Entire Southwest Stockton community ranks in the top 5% most disadvantaged communities in state (CES 3.0)
 - Highest ranked northern region community for PM2.5 impacts
- Mostly within “Rise Stockton” Transformative Climate Community boundaries – leverages resources to maximize benefits of AB 617

Various Source Types Contribute to Emissions

- Mobile On-Road Sources (State and Federal Jurisdiction)
 - Cars and trucks
 - Main roadways (Highways: 99 / 5 / 4)
- Mobile Off-Road Sources (State and Federal Jurisdiction)
 - Forklifts, construction equipment, railyard equipment, Port of Stockton
- Stationary Sources (Regulated by the District)
 - Gas stations, auto body shops, woodworking operations, backup diesel generators, industrial sources
- Areawide Sources (Regulated by Various Agencies)
 - Residential fuel combustion, cooking, consumer products, architectural coating

Community Air Monitoring Plan

- AB 617 includes requirements for air districts to deploy air monitoring in communities selected by CARB
 - Plan in place by 2021
 - Supplements existing monitoring in/near selected community
- Community access to monitoring information



MOBILE VAN



FULLY-LOADED TRAILER



COMPACT MULTI-POLLUTANT SYSTEM



STAND-ALONE PM2.5



Community Emission Reduction Programs

- Developing an effective community emissions reduction program (CERP) requires:
 - Identifying and evaluating sources that may impact community
 - Assessment of measures further reducing air pollution
- By January 1, 2021, District must adopt community emissions reduction programs for Stockton
 - Work in consultation with Community Steering Committee
 - Measures for reducing air pollution
 - Air pollution reduction goals
 - Metrics for tracking progress

Visit www.community.valleyair.org

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

Home Page

Valley Air AB 617

- AB 617 Home
- Funding for Disadvantaged Communities
- Community Identification
- Selected Communities
- Community Air Monitoring
- Community Emission Reduction Programs
- Emission Inventory & Reporting
- Best Available Retrofit Control Technology (BARCT)
- General News and Information

What is AB617?

Assembly Bill 617 (AB 617) requires the California Air Resources Board (CARB) and air districts to develop and implement additional emissions reporting, monitoring, reduction plans and measures in an effort to reduce air pollution exposure in disadvantaged communities. Given that 20 of the 30 most disadvantaged communities in California are in the San Joaquin Valley, this process is expected to bring additional clean air resources and strategies to many Valley communities.

The District actively participates with and is facilitating full engagement of all sectors within each of the San Joaquin Valley's disadvantaged communities through meaningful and effective implementation of AB 617. The following webpages provide a wealth of information regarding this process and ways all Valley residents can get involved.

First Year Selected Communities

South Central Fresno and the City of Shafter are Resources Board for investment of additional re steering committee for each of these communiti advocates, and government representatives, to monitoring and emission reduction programs.

The Valley Air District welcomes and encourage based effort. Learn more about AB 617 impleme

Shafter Community

Learn more about this year-one AB 617 community

COMMUNITY PAGE

Date	Summary	Items	Media
11/04/2019	Steering Committee Meeting #16	<ul style="list-style-type: none">Agenda: ENGLISH ESPAÑOLCARB Presentation: ENGLISHCERP Exercise Results: ENGLISH ESPAÑOL	Audio: 0:00 / 54:00
10/21/2019	Steering Committee Meeting #15	<ul style="list-style-type: none">Agenda: ENGLISH ESPAÑOLCAMP Presentation: ENGLISH ESPAÑOLCERP Presentation: ENGLISH ESPAÑOLDPR Presentation: ENGLISH ESPAÑOLCERP Summary Sheet: ENGLISH ESPAÑOL	Audio: 0:00:00 / 1:30:42
09/09/2019	Steering Committee Meeting #14	<ul style="list-style-type: none">Agenda: ENGLISH ESPAÑOLPresentation: ENGLISH ESPAÑOLDraft CERP Update: ENGLISH ESPAÑOL	Audio: 0:00:00 / 1:33:27

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Community Steering Committee

- In next few weeks, District to establish Community Steering Committee
 - All interested stakeholders not appointed to the steering committee will be encouraged to participate at all public meetings
- Majority of steering committee members to be residents of community
- Other core members to include businesses in community, community advocates, locally-based business associations, school representatives, health care representatives, and other community-based stakeholders
- Committee will also include representatives from city, county, and other local public agencies
- Success requires strong community participation
- 1st Steering Committee meeting in February, with frequent meetings thereafter
- Steering Committee applications due January 30

Community Steering Committee Role

- The steering committee's consultative role can take many forms, including the following:
 - Help the District understand community concerns, including socioeconomic burdens, location of sensitive receptors, etc.
 - Identification of local mobile and stationary sources
 - Assist in developing any community monitoring plans necessary to determine whether local sources are impacting community air quality
 - Assist in developing the community-specific webpage
 - Assist with the public engagement process
 - Assist in identifying and evaluating emission reduction opportunities, including socioeconomic considerations of actions identified
- Membership is voluntary and will require regular participation in meetings and ongoing commitment to ensure meaningful steering committee process