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

92% Reduction in Stationary Source Emissions

1980 - 2019 Emissions Comparison

- NOx Emissions - Tons Per Day

- Stationary Sources
- Area-wide Sources
- Other Mobile
- On-Road Mobile
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
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
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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