

# Community Air Quality Investment and Improvement

Shafter

AB 617 Community Steering Committee

December 17, 2018

# Valley Faces Unique Air Quality Challenges

- Surrounding mountains and meteorology help create and trap air pollution, regionally
- 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



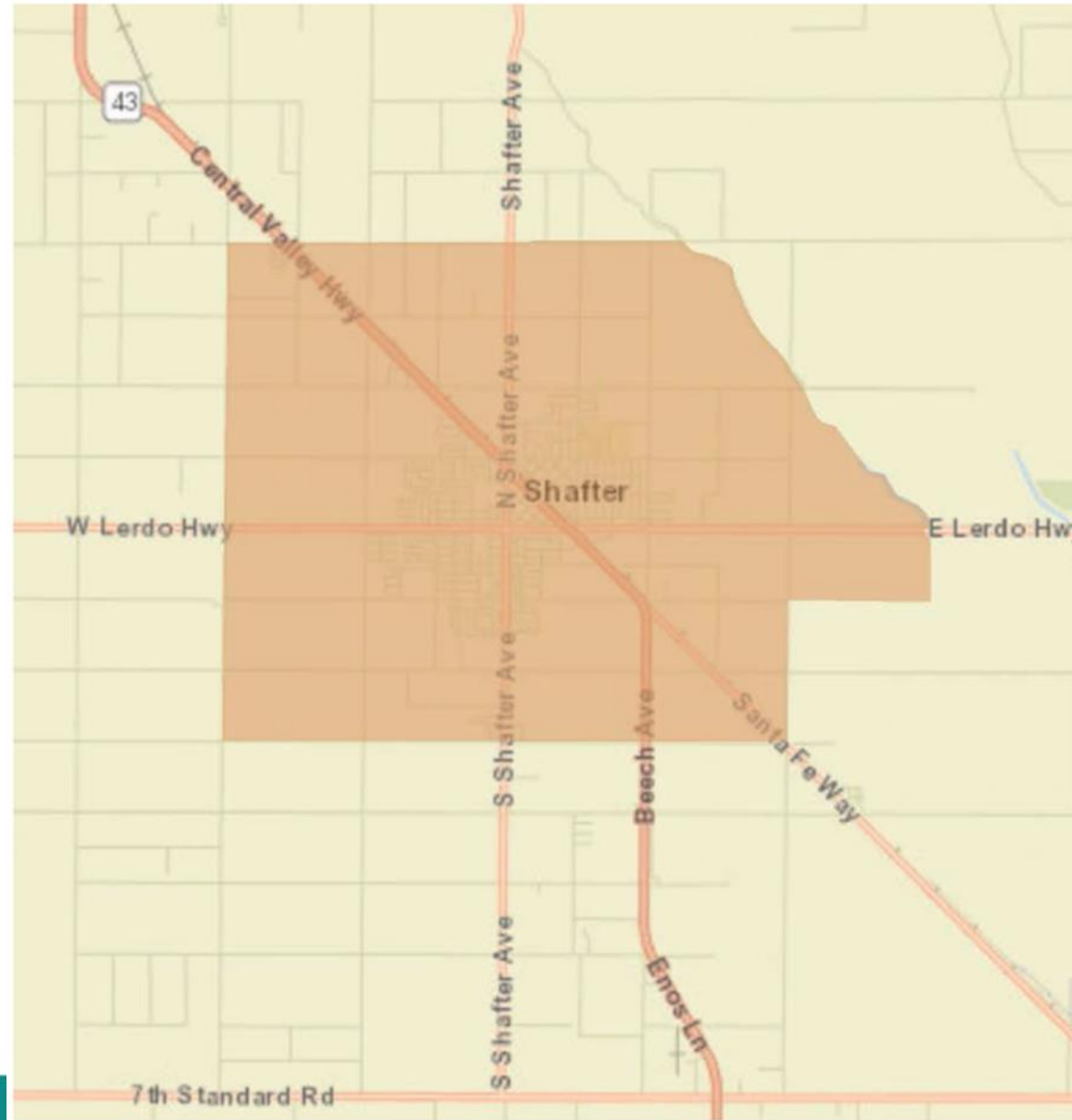
# Regional Clean Air Efforts in the San Joaquin Valley

- 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: \$2.1 billion public/private investment in clean air projects
- Air quality throughout the Valley has improved significantly
- Clean air efforts must continue - Valley's recently adopted new clean air plan will establish a range of new measures to further reduce air pollution from businesses, mobile sources, & residents

# AB 617 Brings New Resources 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 demonstrating great need and bringing significant new funding
- In selecting Shafter, ARB highlighted the following
  - Approximately 15 square miles with about 18,000 residents
  - Oil and gas production in the area and primarily surrounded by farmlands
  - Major roadways include Highway 43 and Lerdo Highway with rail line running parallel to 43
  - Sensitive receptors in the community include many schools and daycare facilities
  - Community has high rates of poverty, unemployment and linguistic isolation
- District has long history of monitoring and controlling emissions in the community with 8 air monitoring sites within and around the community
- Steering committee to assist District in developing and implementing air quality monitoring plan and Community Emissions Reduction Program (CERP)

# CARB description of Shafter



# Community Air Monitoring in Shafter

- AB 617 includes requirements for the air district to deploy air monitoring in Shafter
  - Steering Committee to act in an advisory role to guide these efforts
  - Monitoring to be in place by July 1, 2019
  - Supplements existing monitoring in/near selected community
  - May assist in developing community emission reduction programs
- District acquiring and developing various air monitoring platforms and equipment for community air monitoring
- Community access to real-time air monitoring information
  - District will display air monitoring data on new webpage
  - CARB will provide statewide data portal for all selected communities

# Community Emission Reduction Programs

- Developing an effective community emissions reduction program requires:
  - Identifying and evaluating sources that may impact community (inventory of sources in or near community, air monitoring, etc.)
  - Assessment of available resources for further reducing air pollution from contributing sources
- By October 1, 2019, District must adopt community emissions reduction program for Shafter
  - Work in consultation with Community Steering Committee
  - Plan to include specific measures for reducing air pollution
  - Plan to include air pollution reduction goals and metrics for tracking progress

# Valley Air District Incentive Programs

- Valley Air District operates successful incentive grant programs that help fund voluntary clean-air projects throughout the San Joaquin Valley
  - Over \$2.1 billion invested in clean air projects through incentive grant programs
  - Over 144,700 tons of emissions reduced, regionally
  - State audits commend District as an example of effectiveness and efficiency
  - High demand across a variety of incentive programs due to reputation and established relationships with local agencies, businesses, and other stakeholders
- 2018-19 Incentive Spending Plan includes \$350 million in local, state and federal funding for clean-air projects in a variety of categories
- Includes \$80 million in AB 617 “Early Action” Incentive Funding
  - Majority must provide direct benefit to low income and disadvantaged communities
  - Funding for replacing older, higher-polluting equipment or vehicles with new, low-emission equipment
  - Projects must achieve emission reductions beyond what is otherwise required



# Eligible Project Types

*Fireplace Replacements, Vehicle Repairs, Clean Vehicle projects, Zero-emission lawn mowers*



# Eligible Project Types

*Light, Medium, Heavy-duty Trucks*



# Eligible Project Types

*Off-road Equipment*



# Eligible Project Types



*Transit and School Buses*



# Eligible Project Types



*Freight and  
Passenger  
Locomotives*



# Public Engagement Critical for Success

- Steering Committee recommendations to identify specific projects or areas to focus additional funding
- Second year funding allocation anticipated to be similar to first year
  - Provides expanded funding opportunities
  - Will include funding to reduce emissions from industrial sources
- Steering committee and public to provide feedback to District staff in developing new or enhanced programs



# Components of a Steering Committee Charter

- Committee objectives
- Roles and responsibilities
- Standard Committee Meeting Procedures
  - Deliberation and Consensus
  - Meeting frequency
  - Meeting dates, times, and locations to ensure accessibility
  - Use of facilitation services
  - Use of interpretation services at steering committee meetings and other outreach events



# Community Steering Committee Objectives

## Key Considerations

- Identify areas of concern for air pollution sources and sensitive receptor sites
- Review existing available information on air quality
- Disseminate and solicit information to and from community stakeholders that each committee member represents
- Through the Committee's consultative role, assist with development of:
  - Air monitoring plan to be implemented by July 2019
  - Community Emission Reduction Program to be adopted by District Governing Board before October 2019

# Committee Roles and Responsibilities

## Key Considerations

- To inform your role of advising the District in its development of the Community Emission Reduction Program (CERP), the Committee members will discuss a variety of topics including:
  - community issues and contributing sources to develop a shared understanding of the community’s air pollution challenge;
  - who has responsibility and authority to address those issues;
  - proposed strategies for the community emissions reduction programs;
  - mechanisms for engaging with other agencies;
  - approaches for additional community outreach;
  - other topics of interest to the committee

# Committee Roles and Responsibilities

## Key Considerations (con't)

- The committee will discuss the major elements of the Community Emission Reduction Program as they are developed including:
  - community engagement;
  - the community profile and technical assessment;
  - targets and strategies; the enforcement plan; and metrics to track progress

# Committee Roles and Responsibilities

## Key Considerations (con't)

- Committee Member Participation:
  - Members (or designated alternates) are expected to attend all committee meetings, in their entirety, throughout the course of the year prior to the Community Emissions Reduction Program adoption
  - If primary member is unable to attend, designated alternate on the steering committee roster may attend in their absence and deliberate on the primary member's behalf
    - The primary member is responsible for working with the District ensuring that the alternate is kept informed of the committee's process
  - To encourage active participation, if a primary member or their alternate has not attended three consecutive steering committee meetings, their membership may be revoked

# Standard Committee Meeting Procedures

## Key Considerations

- Deliberation and Consensus
  - Professional and impartial facilitators will be employed to support the steering committee in the overall organization, order and focus of the meeting, resolve conflicts and help reach consensus to ensure the goals and objectives of this charter are met
  - Achieving full consensus of the steering committee may not always be possible. However, reasonable efforts will be made to capture all of the perspectives that were expressed in meeting minutes, committee documents, and related reports, including the final Community Emission Reduction Program

# Standard Committee Meeting Procedures

## Key Considerations (con't)

- Meeting Schedule and Agendas
  - Upon consensus agreement of the committee, meeting schedules may be adjusted with adequate advance notice
  - Agendas and agenda topics will be informed by committee input, developed by the Air District, and will include the time, date, duration, location and topics to be discussed

# Other Charter Considerations

- Specify “Code of Conduct” in Charter?
- Participation Agreement? See Attachment B for sample
  - Participants would be required to sign
  - Could include good conduct requirements
  - See draft of potential participation agreement
- Accessibility/Accommodation
  - The steering committee meetings and other events associated with the committee must be held at facilities that can accommodate members covered by the Americans with Disabilities Act
  - Language interpretation services will be provided in Spanish at all meetings, and as needed in other languages with a minimum 48-hour advance request

# Next Steps to Finalize Charter

- Facilitator to lead Discussion/Comments
  - Other key considerations?
  - Member participation requirements?
  - Code of Conduct vs. Participation Agreement?
- District will incorporate comments, send revised Charter to Committee