

AB 617 Implementation in the San Joaquin Valley

For the
Assembly Natural Resources Committee
Assemblymember Laura Friedman, Chair

March 18, 2019

AB 617 Requirements in Brief

- Air Quality Monitoring Plans and Community Emission Reduction Programs for selected disadvantaged communities
- Best Available Retrofit Control Technology (BARCT) evaluation of rules applying to industrial sources subject to the state Cap-and-Trade program
- Enhanced emissions inventory reporting and map-based online display of emissions data

Best Available Retrofit Control Technology

- Staff reviewed 32 rules applying to Cap and Trade facilities subject to BARCT evaluation
 - 16 rules to undergo additional evaluation
 - Regular and ongoing BARCT rule analysis and adoption in the San Joaquin Valley limited number of rules requiring additional review
- Valley Air District Governing Board adopted a schedule for review of these rules in December 2018
 - Significant public process (scoping meeting, workshop, adoption hearing)
 - Committed to accelerated review of 5-6 rules per year, starting this year
 - All rules that must be updated will require BARCT be implemented by 2023

First-year Community Selections

- In September 2018, CARB selected AB 617 first-year communities
 - 10 communities proposed statewide for initial year
 - In Valley, selected District-recommended communities of South Central Fresno and the City of Shafter
 - Third community nominated by District Governing Board (North Bakersfield) not selected by CARB due to resource constraints



Community Steering Committees

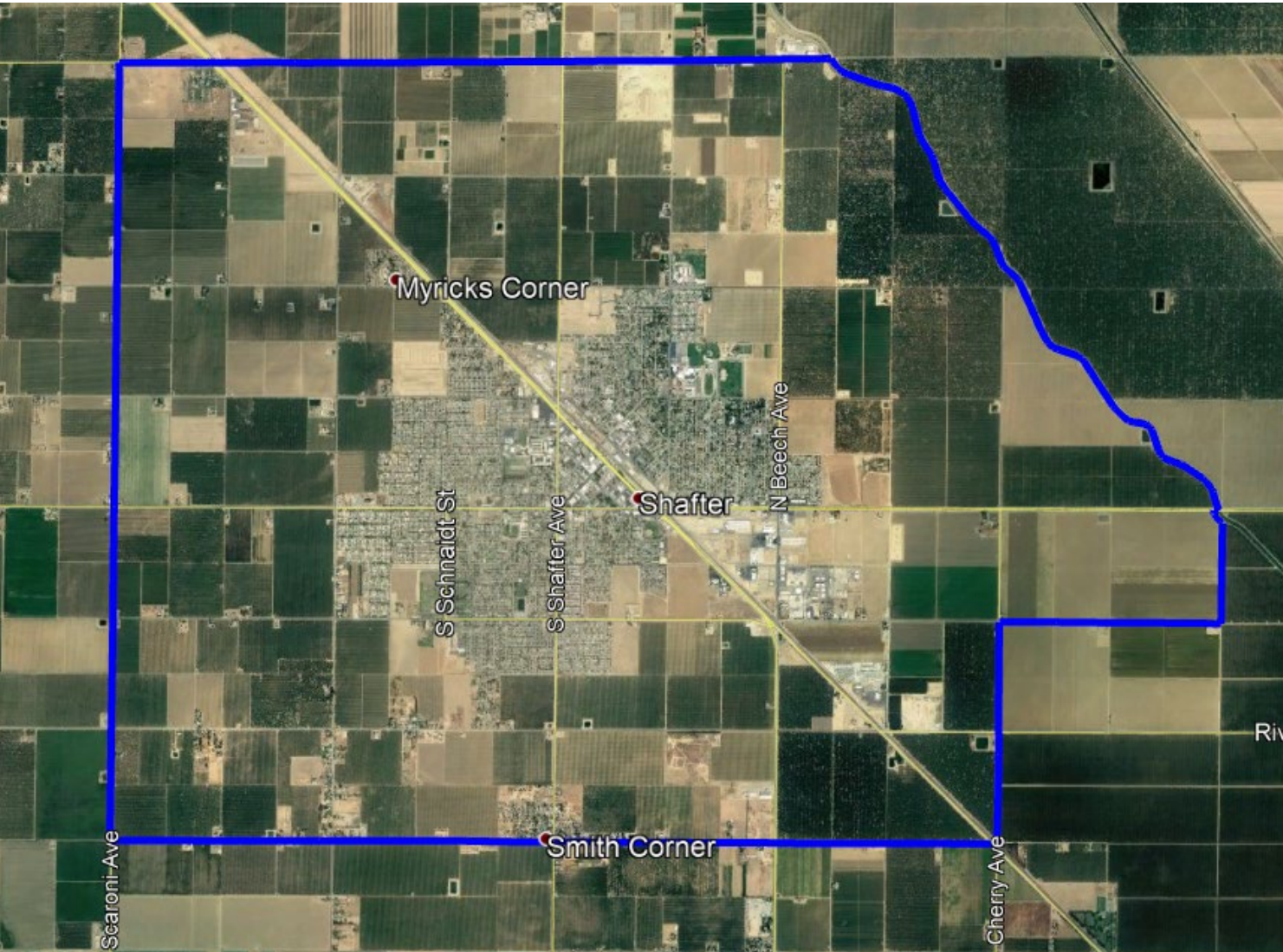
- Community Steering Committees established for each community
 - Majority of committee must be residents of community
 - Also includes community based organizations, workers and business owners, ex officio city and county representation



Community Steering Committee Meetings

- Meetings are managed by facilitator, and designed to provide for open and comprehensive discussion of topics
- Meetings and meeting materials are bilingual in Spanish and English
- Meetings held in evening (6:00PM to 8:00PM) to maximize opportunities for working families to attend
- Food provided at all meetings
- Childcare with activity center provided at all meetings
- Have held five public evening meetings in each community (one kick-off meeting and four Steering Committee meetings)

Community of Shafter



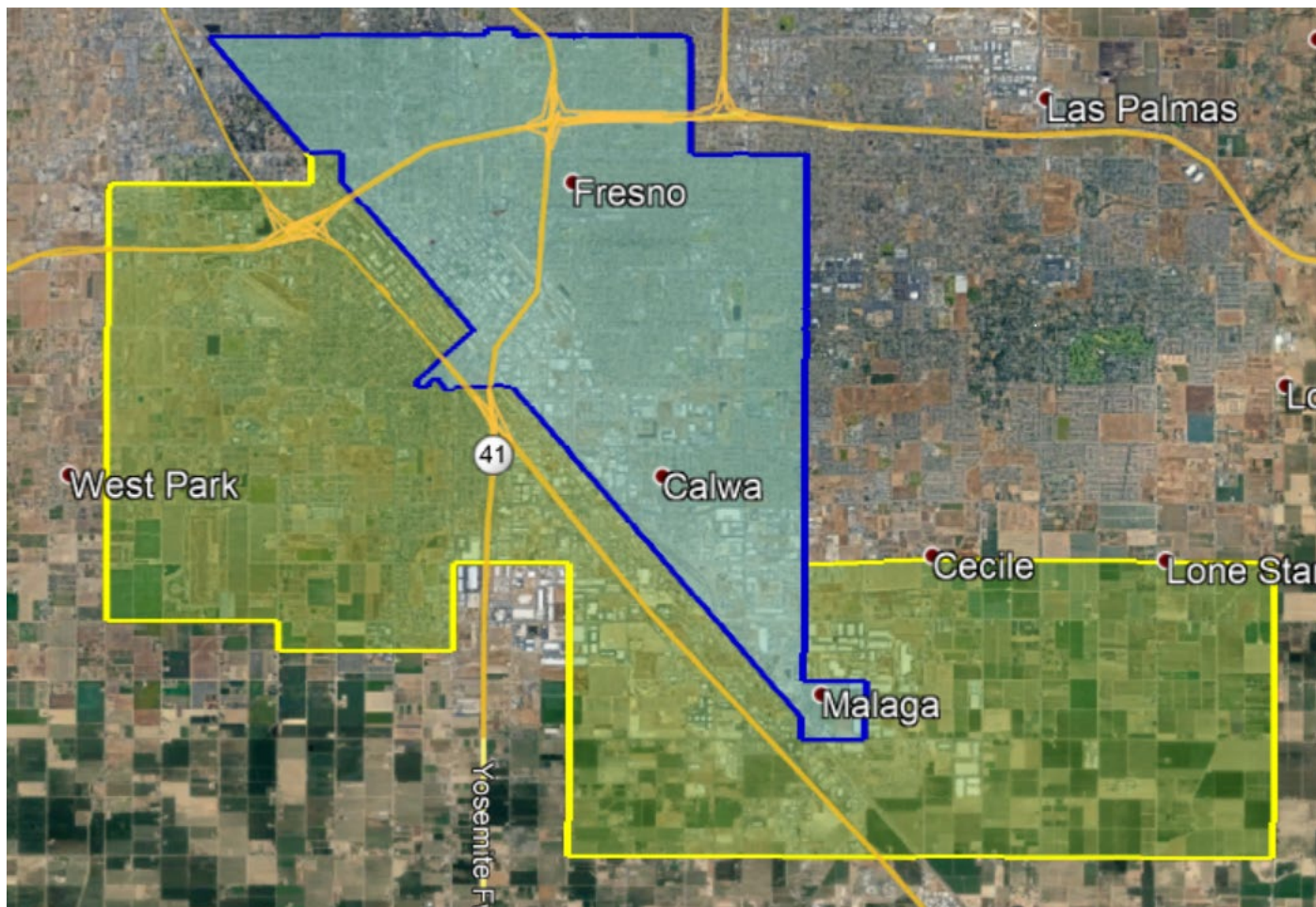
- Selected by CARB to represent rural, less dense (small city) residential areas of SJV
- 14.9 square miles
- Population: 19,600
- Captures two disadvantaged census tracts (per CalEnviroScreen)

Shafter Community Steering Committee

- 26 members plus 4 ex officio government agency representatives
 - 20 members are community residents
- Started gathering community air quality concerns in first meeting:
 - Pesticides, truck traffic, oil and gas production, dairies, unpaved roads in rural areas, landfill, local manufacturing facilities, trains...
- Active committee, great participation, Committee Charter and Community Boundary approved
- In Community Steering Committee meetings, have discussed and sought Committee and public input on:
 - Stationary, mobile, area sources of emissions – developed interactive mapping tool for Committee use
 - Monitoring resources and requirements, Air Quality Monitoring Plan (already installed new PM2.5 monitor in center of Shafter, at request of Committee)
 - Begun discussing CERP contents and development process



Community of South Central Fresno



- Selected by CARB to represent urban, industrial, more densely populated residential areas in SJV
- 14.4 square miles
- Population: 97,000
- Several of the most disadvantaged census tracts in CA (per CalEnviroScreen)

South Central Fresno Community Steering Committee

- 36 members plus 6 ex officio government agency representatives
 - 19 members are community residents
- Started gathering community air quality concerns in first meeting:
 - Truck emissions, highway interchanges, large industry, land-use issues (truck routes, sidewalks), fireplaces, idling vehicles, pesticides, cooking emissions...
- Another very active committee, great participation, initially focused on foundational topics, significant discussions on charter and boundary
 - Committee Charter approved in February
 - Significant Community Boundary discussion February/March
- In Community Steering Committee meetings, have discussed and sought Committee and public input on:
 - Stationary, mobile, area sources of emissions – developing interactive mapping tool with facility locations, emissions for Committee use
 - Monitoring resources, requirements, Air Quality Monitoring Plan



Community Emission Inventory for Shafter

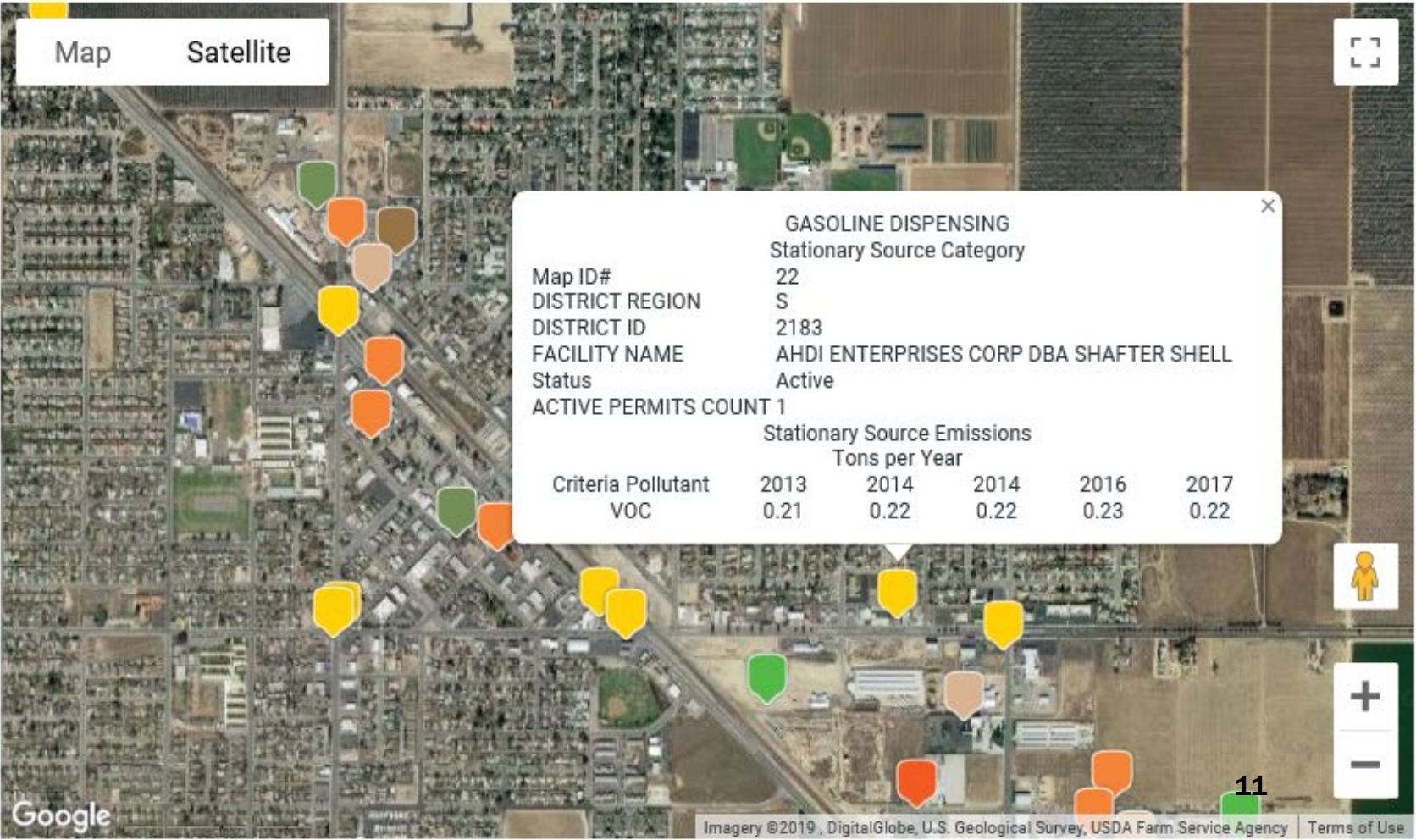
Emissions inventory for District permitted facilities within the Shafter boundary and within the 7-mile radius.

Legend:

PERMITTED SOURCES TYPES

- GOVERNMENT FACILITY
- FERTILIZER FACILITY
- OTHER FACILITIES
- GASOLINE DISPENSING FACILITY
- PUBLIC UTILITY & TELECOMMUNICATIONS
- CONCRETE FACILITY
- COATING & METAL WORKING FACILITY
- FACILITY OUTSIDE BOUNDARY
- HOSPITAL & MEDICAL OFFICES

Map:



- 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)

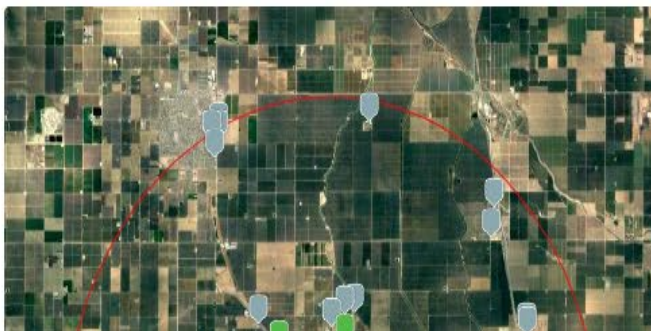


Community Profile

Steering Committee Meetings

Steering Committee Documents

Air Monitoring



Selected community profile:

As a rural area, Shafter will complement the urban area selection of Fresno to form a more balanced initial year of AB 617 implementation. The rural community of Shafter in Kern County has a current estimated population of over 19,000, and is influenced by rural sources of emissions, including the agricultural and oil and gas production industries. In addition, major roadways in the community include Highway 43 and the Lerdo Highway, both crossing directly through Shafter and contributing to mobile source emissions in the area. Locomotive emissions also influence the community as railroad tracks

Clean Air Investment in Communities

- Historical investment in emissions reductions through incentive grants
 - Shafter area: \$19 million, 1,400 projects, 3700 tons emission reductions
 - SC Fresno area: \$97 million, 9,200 projects, 9,100 tons emission reductions
- Early reduction funds for Valley disadvantaged communities:
 - Over 50% of initial \$80 million allocation already obligated to emission reduction projects
 - 100% allocated to disadvantaged communities



Closing Thoughts

- Providing assistance, resources to support community-driven technical efforts
- Meeting, working with local stakeholders to maximize effectiveness under AB 617 (CBOs, business, municipalities, service organizations, media, etc.)
- Partnering with agencies critical (e.g. Department of Pesticide Regulation in Shafter)



- Communication key - regular updates to District's Citizens' Advisory Committee and Environmental Justice Advisory Group
- Facilitated meetings important to balanced and open discussion
- Delivering on AB 617 for communities requires significant sustained resource commitment (monitoring, technical analysis, clean air incentives, developing/implementing CERPs, etc.)
- CARB support valued, appreciated (input to process, staff training)