

# Public Scoping Meeting on Developing Expedited BARCT Implementation Schedule

June 14, 2018  
webcast@valleyair.org

San Joaquin Valley Air Pollution Control District



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# Purpose of Scoping Meeting

1. Present the objectives of the proposed project with respect to AB 617 requirements
2. Explain the proposed process to establish an expedited Best Available Retrofit Control Technology (BARCT) evaluation schedule
3. Solicit comments and suggestions from interested stakeholders regarding source categories of interest and associated information
4. Inform all interested parties about upcoming workshop dates, comment periods, and project milestones



# AB 617

- September 2017, California extended Cap and Trade and appropriated \$1.5 billion in funding
- Cap and Trade deal included adoption of AB 617, *Nonvehicular Air Pollution: Criteria Air Pollutants and Toxic Air Contaminants*
- Under AB 617:
  - Accelerated retrofit of pollution controls on industrial sources
  - Districts located in non-attainment areas to perform a BARCT analysis of existing rules and regulations, and to propose an expedited schedule for revising rules and implementing BARCT
  - Additional emissions reporting, monitoring, and reduction plans and implement measures



# Clean Air Efforts in the San Joaquin Valley

- The Valley is designated as serious nonattainment for the PM<sub>2.5</sub> National Ambient Air Quality Standard (NAAQS) and extreme nonattainment for the eight-hour ozone NAAQS
- Since 1992, over 600 rules and rule amendments adopted to control emissions from stationary sources
- District leads the nation with some of the most stringent NO<sub>x</sub> emission limits (engines, boilers, turbines, glass-melting furnaces)
- New or modified sources of emissions must be equipped with the Best Available Control Technology, which is more stringent than BARCT



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# Best Available Retrofit Control Technology (BARCT)

- BARCT: an air emission limit that applies to existing sources and is the maximum degree of reduction achievable, taking into account environmental, energy and economic impacts by each class or category of source (*CH&SC, Section 40406*)
- Some nonattainment areas with market-based criteria pollutant reduction programs were not requiring BARCT in all cases
- Existing stationary sources in San Joaquin Valley subject to BARCT since the 1980s



# AB 617: Establishing Expedited BARCT Evaluation Schedule

- Must apply to industrial sources subject to state's Cap and Trade program as of January 1, 2017
- Emissions unit that has implemented BARCT due to a permit revision or a new permit issuance since 2007 not subject to BARCT implementation schedule
- Highest priority to permitted units that have not modified emissions-related permit conditions for the greatest period of time
- Adopt schedule by Jan 1, 2019 through public process
- Implement BARCT schedule by the earliest feasible date, but no later than December 31, 2023



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# BARCT Schedule Adoption Process

- The District has begun implementing BARCT assessment
  1. Conducted a survey to identify the facilities subject to the AB 3228 Cap and Trade program: 109 facilities
  2. Determined which prohibitory rules apply to these Cap and Trade facilities that need to be evaluated for BARCT: 35 District rules
- Future work:
  - Identify all sources that have implemented BARCT since 2007
  - Identify any sources for which a BARCT analysis is required
  - Identify potential control options for each category, considering:
    - The local public health and clean air benefits to the surrounding community
    - The cost-effectiveness of each control option
    - The air quality and attainment benefits of each control option
  - Public workshop
  - Adoption of the expedited BARCT implementation schedule



# Next Steps & Timeline

- Scoping Meeting (today) June 14, 2018  
**Comments due by June 28, 2018**
- BARCT Analysis Begin June 18, 2018
- Workshop: 3<sup>rd</sup> Quarter 2018
- Adopt Expedited BARCT Schedule End of 2018
- BARCT schedule to ARB By January 1, 2019



For submitting comments on community identification:

[errol.villegas@valleyair.org](mailto:errol.villegas@valleyair.org)

More information available on District website:

[www.valleyair.org/community](http://www.valleyair.org/community)

Or call for more information: **(559) 230-6000**

# www.valleyair.org/community

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## San Joaquin Valley Community Engagement and Protection

NEW

The San Joaquin Valley Communities Recommended for Additional Clean Air Resources and Public Engagement under AB 617 is now available for public review and comment: [ENGLISH](#) | [ESPAÑOL](#)

In September 2017, the California State Legislature and Governor agreed to extend Cap and Trade as part of a legislative package that included the appropriation of \$1.5 billion in Cap and Trade funding. The Cap and Trade deal also included the passage of AB 617 (Cristina Garcia, 2017) that requires the state Air Resources Board and air districts to develop and implement additional emissions reporting, monitoring, and reduction plans and measures in an effort to reduce air pollution exposure in impacted communities.

The legislation sets out an ambitious implementation schedule, and the California Air Resources Board must set the overall direction of the program by October 1, 2018. The local air districts also have specific roles and responsibilities and successful implementation will require strong collaboration. The District will actively

20 of the 30 most disadvantaged communities in California are in the San Joaquin Valley.

### District Framework for Community Engagement under AB 617

[Engage Valley Residents through Local Community Organizations](#) ✓

[Engage Valley Businesses to find Potential Applicants for Community Clean Air Projects](#) ✓

[District's Environmental Justice Advisory Group](#) ✓

[District's Citizen Advisory Committee](#) ✓

[Public Education and Outreach](#) ✓

[Public Workshops](#) ✓

[New Funding for Disadvantaged Communities](#) ✓

Fulfilling AB 617 mandates in the Valley's disadvantaged communities will also help the Valley