

Public Workshop - AB 617 Community Air Protection Program

April 19, 2018

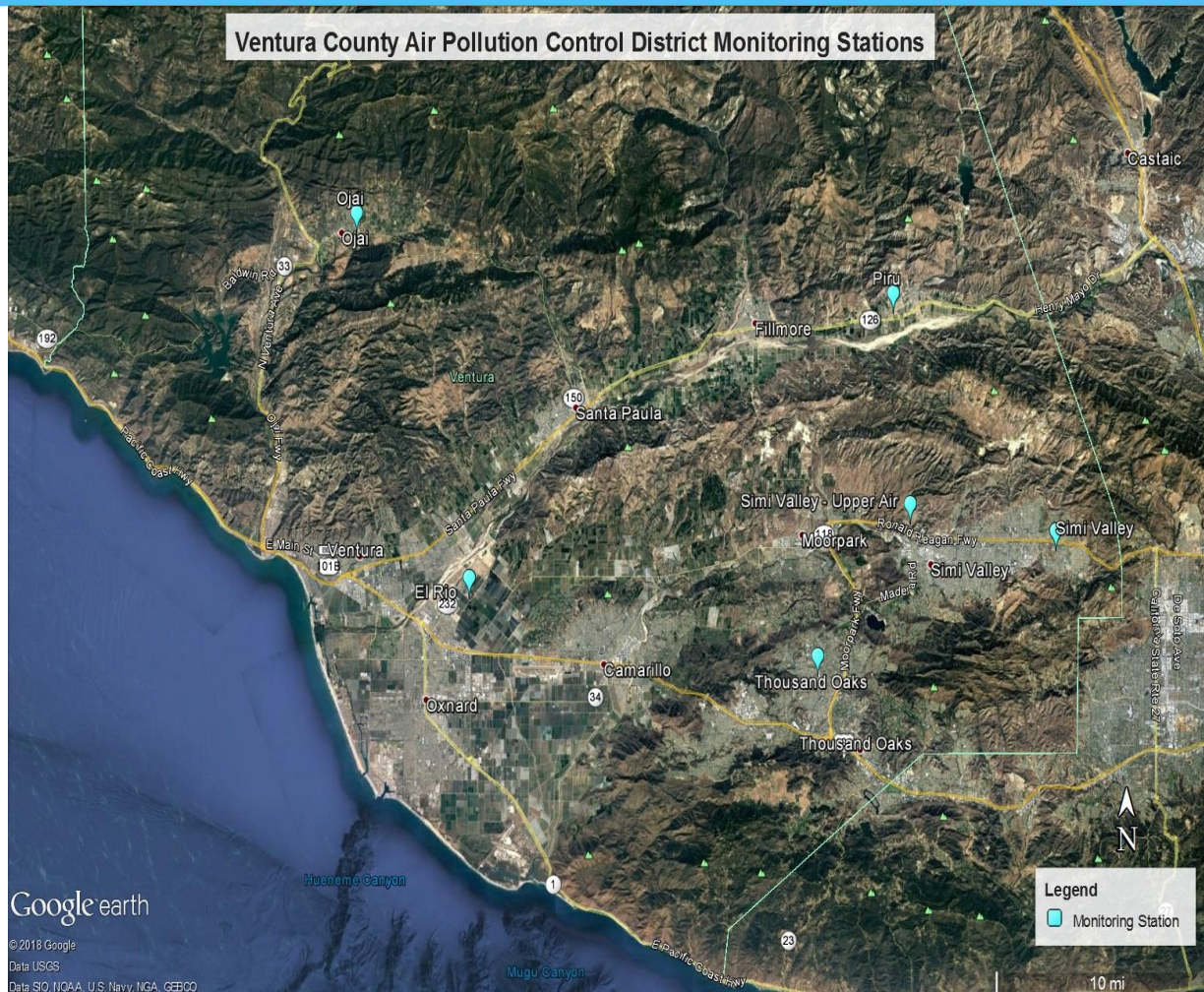
Workshop Goals

- ❖ Provide background on VCAPCD regional air quality program
- ❖ Overview of current VCAPCD programs with community level benefits
- ❖ Provide background on AB 617 program
- ❖ Receive community input on local level air quality concerns

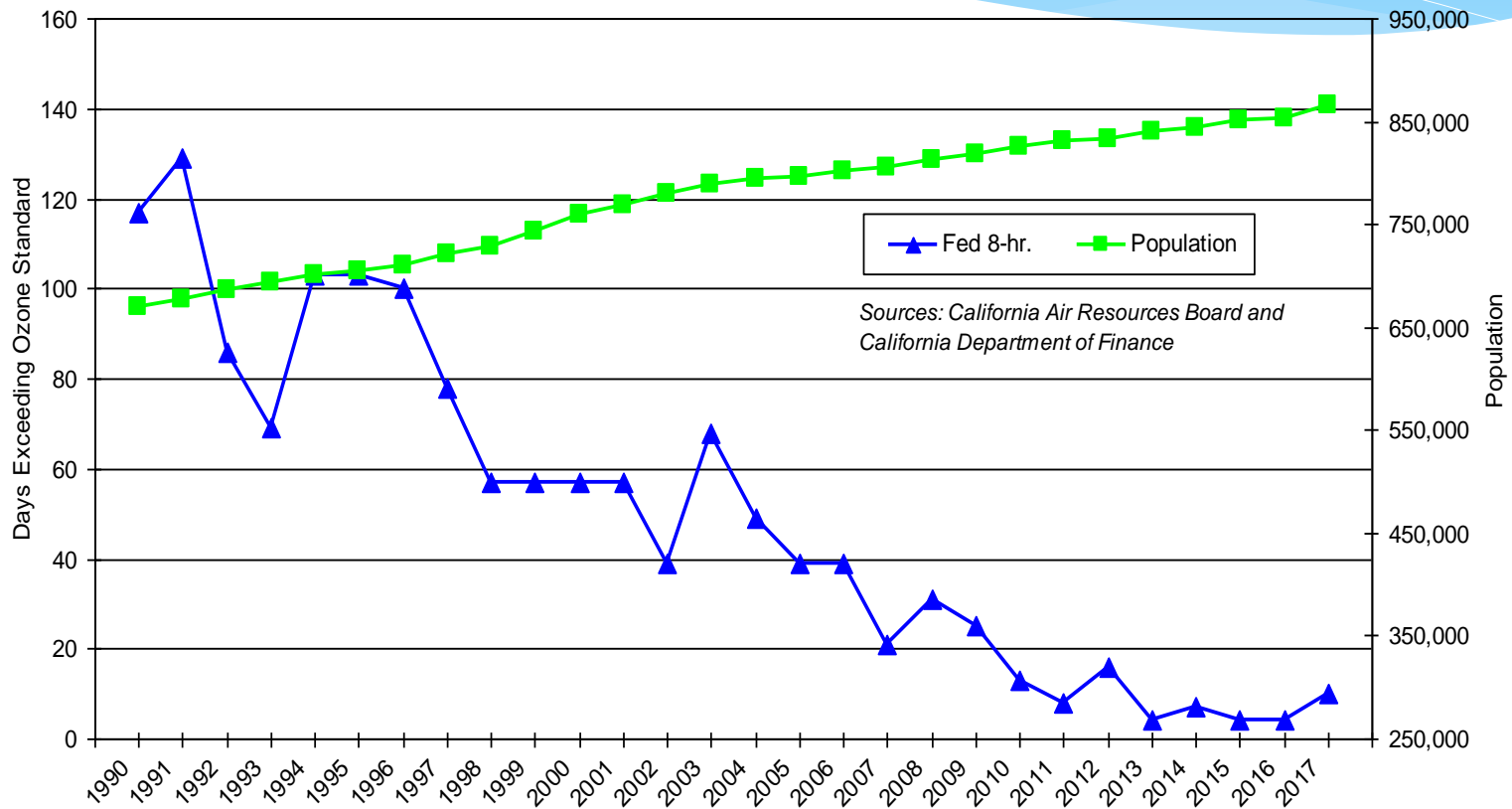
VCAPCD Regional Air Quality Program

- ❖ Monitor at five sites in Ventura County (Simi Valley, Thousand Oaks, Piru, El Rio and Ojai)
- ❖ Develop an AQMP to demonstrate attainment with the federal ozone air quality standard
- ❖ Adopt rules to implement control measures (stationary sources)
- ❖ Implement the rules (permitting and inspections)

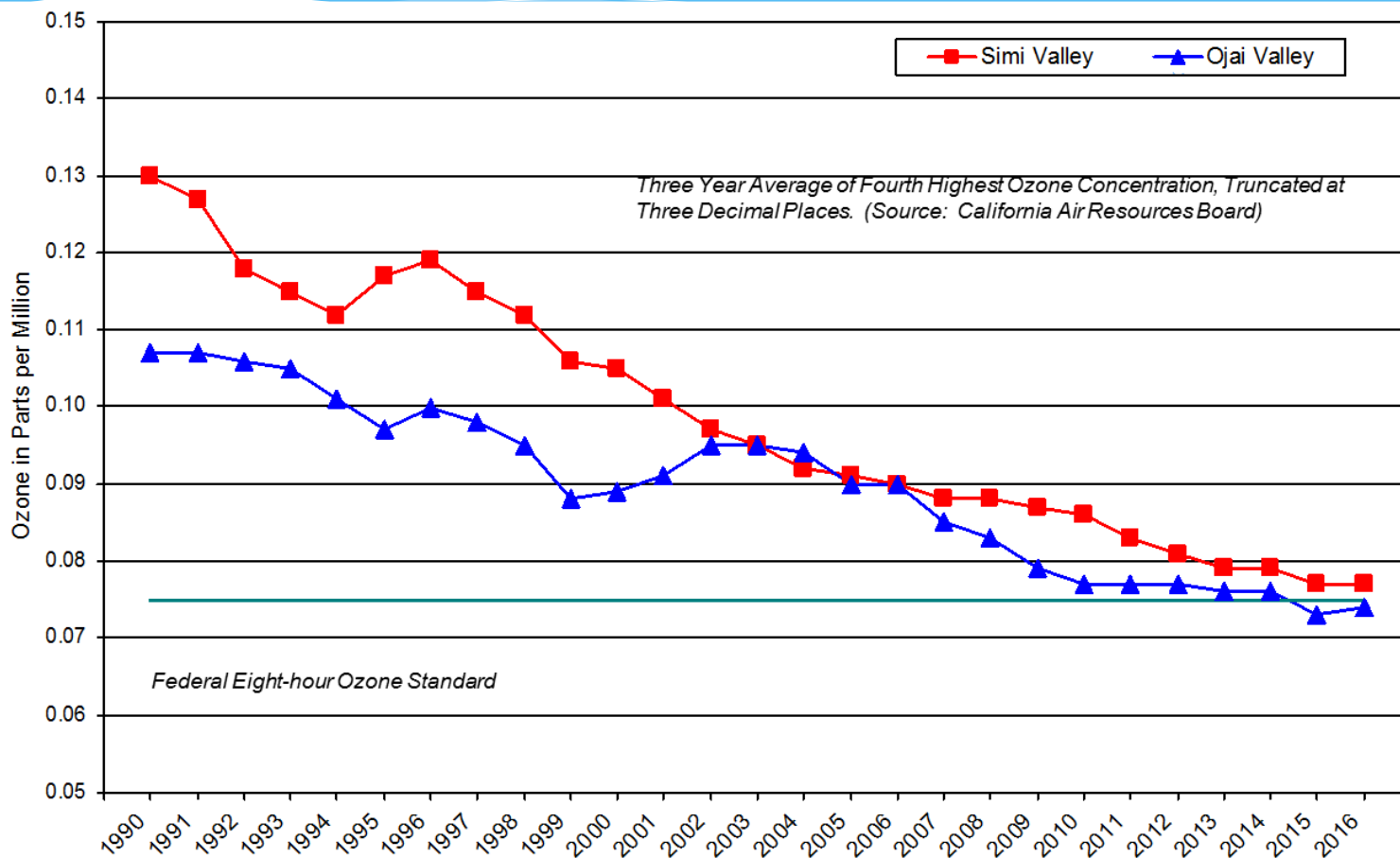
Regional Air Monitoring Sites



Days over the federal 75 ppb ozone standard



Ozone design values



Air Toxics Program (AB 2588)

- ❖ Step 1 – toxics emissions inventory
- ❖ Step 2 – risk prioritization
- ❖ Step 3 – high priority facilities must perform health risk assessments (HRA)
- ❖ To date, 67 HRAs performed, 15 showed potential for significant risk
- ❖ All facilities have reduced their risk to below significance thresholds

Air Toxics – next steps

- ❖ OEHHA* Updated “Hot Spots” Health Risk Assessment Guidelines
- ❖ Calculated cancer risks are higher under the revised Guidelines to account for early life exposures
- ❖ VCAPCD Prioritization Procedures updated to match Revised Guidelines
- ❖ More facilities may be required to prepare Health Risk Assessments (HRA)

*OEHHA-CalePA Office of Environmental Health Hazard Assessment

Incentive Programs

- ❖ Carl Moyer Program – heavy-duty diesel engines (nitrogen oxides and diesel particulate)
- ❖ Lower-emission school bus program
- ❖ Cleaner transit buses
- ❖ Shorepower at the Port of Hueneme

Agricultural Pump Engine



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Farm Tractor



Enforcement & Other Programs

- ❖ 3000+ inspections per year
- ❖ Halaco court case(s)
- ❖ Pesticides:
 - Assistance to CARB and Department of Pesticide Regulation with monitoring
 - Research on fumigation tarps with UC Davis and Strawberry Commission

AB 617

- ❖ Most significant state air pollution legislation in 30 years
- ❖ Focus on benefits to communities that may require special attention and accelerated action (Community Air Protection Program)
- ❖ Aggressive timeline: CARB must identify initial list of communities by October 1, 2018

AB 617

❖ Community Monitoring

- Community partnerships to conduct monitoring
- System to provide data to the public
- Public outreach to ensure clear communication and interpretation of the data
- QA/QC of monitoring data

AB 617

- ❖ Community Emission Reduction Programs
 - Transparent process for input from communities and facilities
 - Emission reduction targets
 - Implementation schedule for emission reduction measures

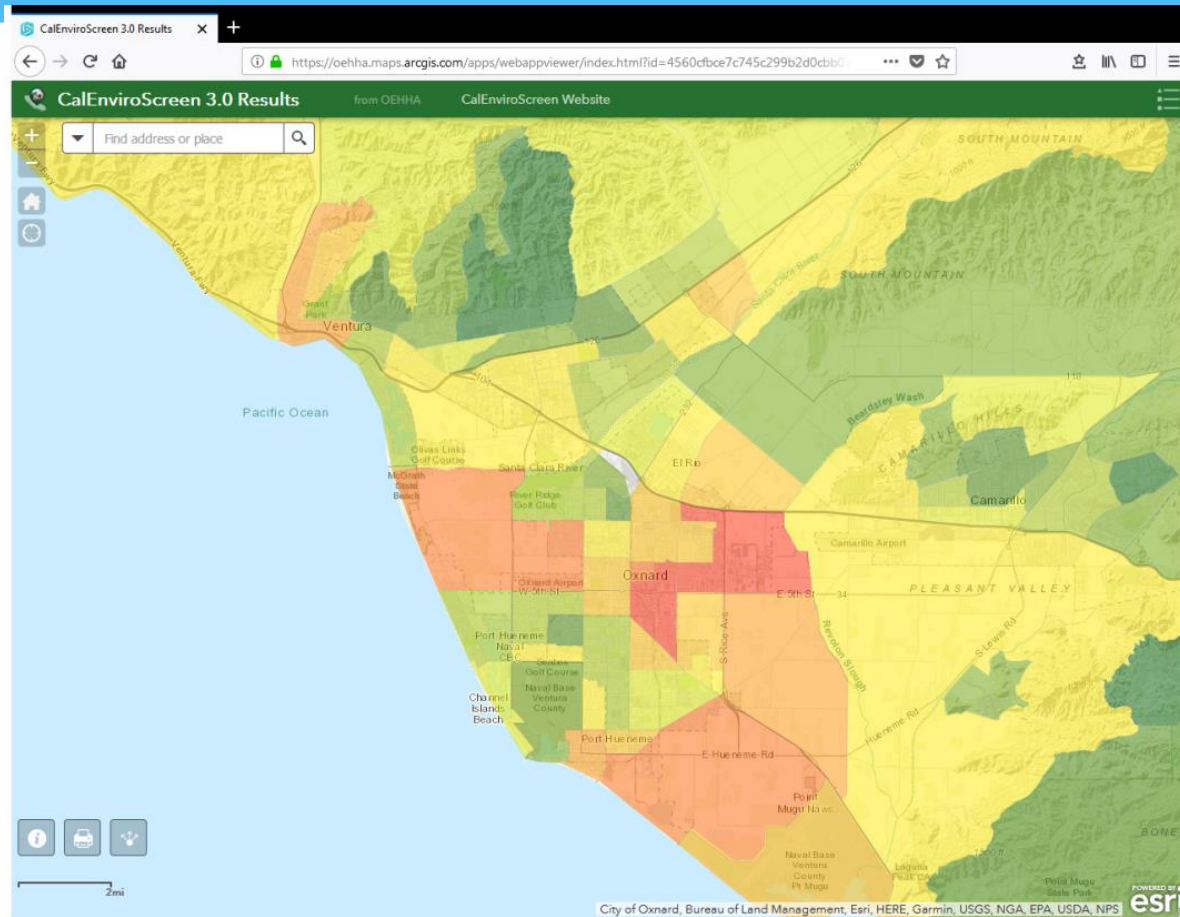
Additional Elements

- ❖ Review of Best Available Retrofit Control Technology (BARCT) for large facilities in and near the communities
- ❖ BACT and BARCT Technology clearinghouse
- ❖ Enhanced penalty provisions

AB 617 Initial Steps

- ❖ California Air Resources Board (CARB) Proposal
 - Districts submits assessment methodology for selection of initial communities and list of communities to be evaluated – April 2018
 - District submits initial community recommendations – July 2018

Potential Communities



Possible Selection Criteria

- ❖ CalEnviroScreen 3.0 mapping tool
- ❖ Toxics “Hot Spots” program information (risk assessments, priority scores, and inventory data)
- ❖ Emission inventory (criteria pollutants)
- ❖ U.S. EPA EJSCREEN mapping tool
- ❖ Other tools?
- ❖ Community Input

Let's get to work