

2010 Clean Communities Plan

*Working Together to
Build Cleaner Communities*

**Boyle Heights Pilot Project
Working Group Meeting**

July 28, 2011



Background

- 2010 Clean Communities Plan approved by the AQMD Governing Board on November 5, 2010
- Builds on current regulatory program
- Places greater emphasis on cumulative impacts and neighborhoods
- Two pilot projects
 - San Bernardino
 - Boyle Heights and surrounding area

Clean Communities Plan Structure



Pilot Study Approach

- Collaborative effort with all stakeholders
- Study Area: Boyle Heights and surrounding areas
- Navigating new area and approach - learning process
- Comprehensive program focuses on air quality issues and air-related quality of life issues

Stakeholder Working Group

- Meet every other month
- Representation of community, environmental, business, and agency groups
- Input needed to identify air quality issues in Pilot area
- Work with Stakeholder Working Group to develop solutions

Work Plan



Technologies

- Select technologies for demonstration and commercialization that would reduce emission



Partners

- Identify and secure participation of local community groups, public, public agencies, and private sector



Funding

- Identify and secure funding and other resources

Work Plan *(continued)*



Projects

- Issue a proposal solicitation for innovative technology projects



Emissions

- Initiate enhanced local emissions inventory, air quality monitoring, and compliance review



Outreach and Training

- Initiate enhanced outreach and education to facilitate local empowerment and establish green job training opportunities

Work Plan *(continued)*



Community

- Assess local community wellbeing



Showcase

- Set up technology displays and permit assistance center



Evaluation

- Evaluate and document work plan implementation

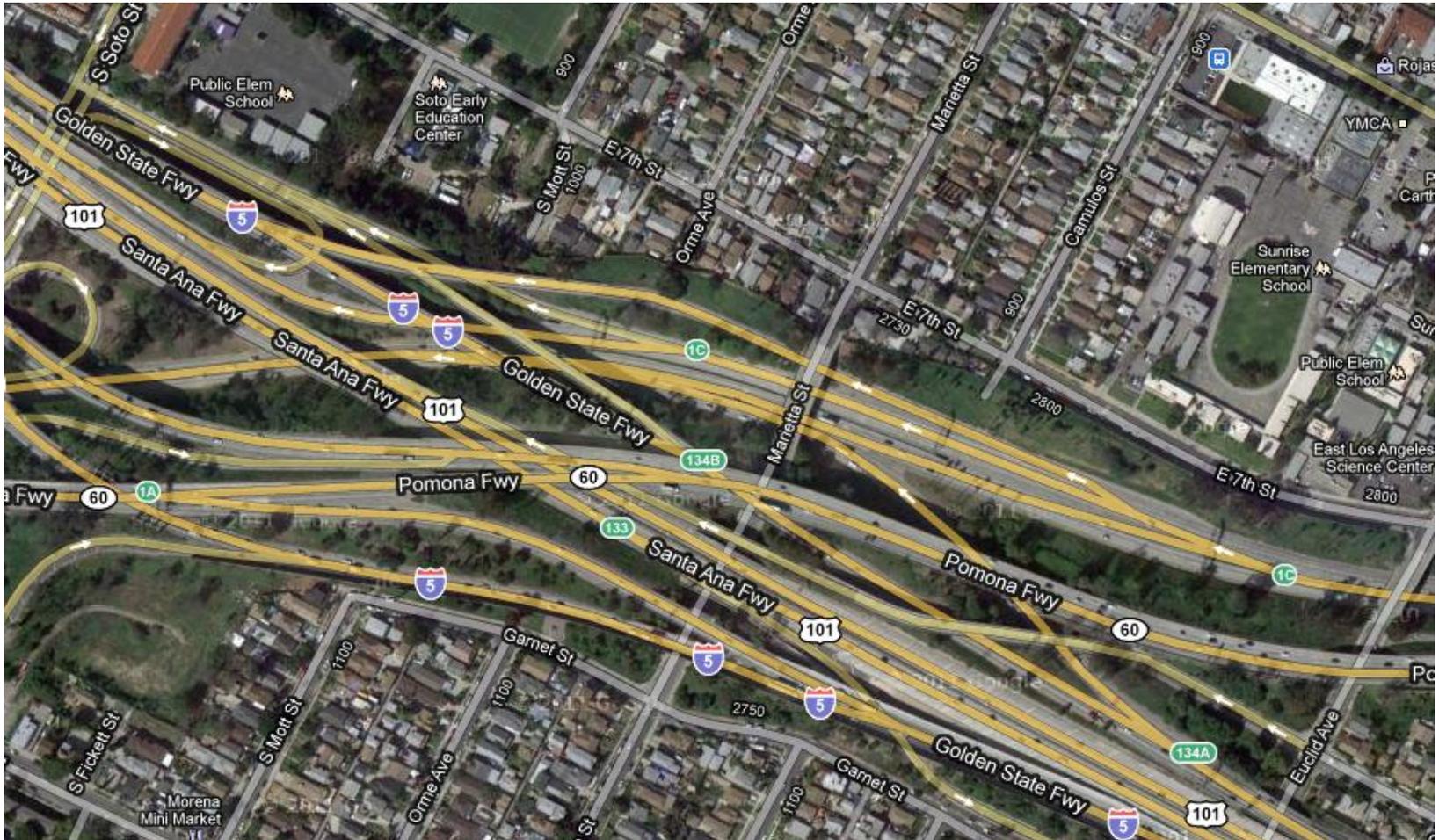
Progress to Date

- AQMD staff surveying Boyle Heights and surrounding areas
- Conducted interviews with individual stakeholders:
 - Union de Vecinos
 - East Yard Communities for Environmental Justice
 - Resurrection Church
 - Mothers of East LA
 - Diverse Strategies for Organizing, Inc

Issues Discussed in Interviews

- Facility Clusters Near Sensitive Receptors
 - Auto body shops, dry cleaners, chrome platers, furniture stripping
 - Non-compliant facilities
 - Various areas near Olympic Ave between Soto Street and Lorena Street (South Boyle Heights)
- Freeways
 - I5, US101, SR60, and I710 freeways surround community
 - Need for physical buffers

Boyle Heights Proximity to Freeways



Issues Discussed in Interviews

(continued)

- Green Zones – City of Commerce
- Clean Up Green Up – Boyle Heights, Pacoima, Wilmington
- Seeking AQMD assistance (funding, incentives, and technical assistance)
- Training and education for facilities, trade schools, colleges, and universities on clean air technologies and AQMD regulations

Issues Discussed in Interviews

(continued)

- Complaint Response
 - Enhance AQMD complaint reporting program by communication through a community representative to relay complaint information and investigation results to the community faster
 - Educate community members and facilities on 1-800-CUT-SMOG
- Maywood Water Contamination
 - Water quality poor possibly due to contamination from superfund sites
 - Costly to provide clean water from private water companies

Issues Discussed in Interviews

(continued)

- Creating More Green Spaces
 - Partner with Metro Gold Line Eastside Access Project
 - Greening streets and sidewalks or other improvements
- Bike-Sharing Program
- Edible Gardens for Local Produce
- Provide Equipment for Health Screening at Schools for Early Detection
- Outreach to Industry on Cost Saving Benefits of Air Quality Compliance/Technology

Issues Discussed in Interviews

(continued)

- Coordination Between Academic Community and Study Results
 - Streamline similar research efforts (reduce duplicative efforts)
 - Combine resources for more effective studies
 - Create a central portal for results and status of studies
 - Use analyses of past studies in conjunction with studies of today to determine changes in air quality

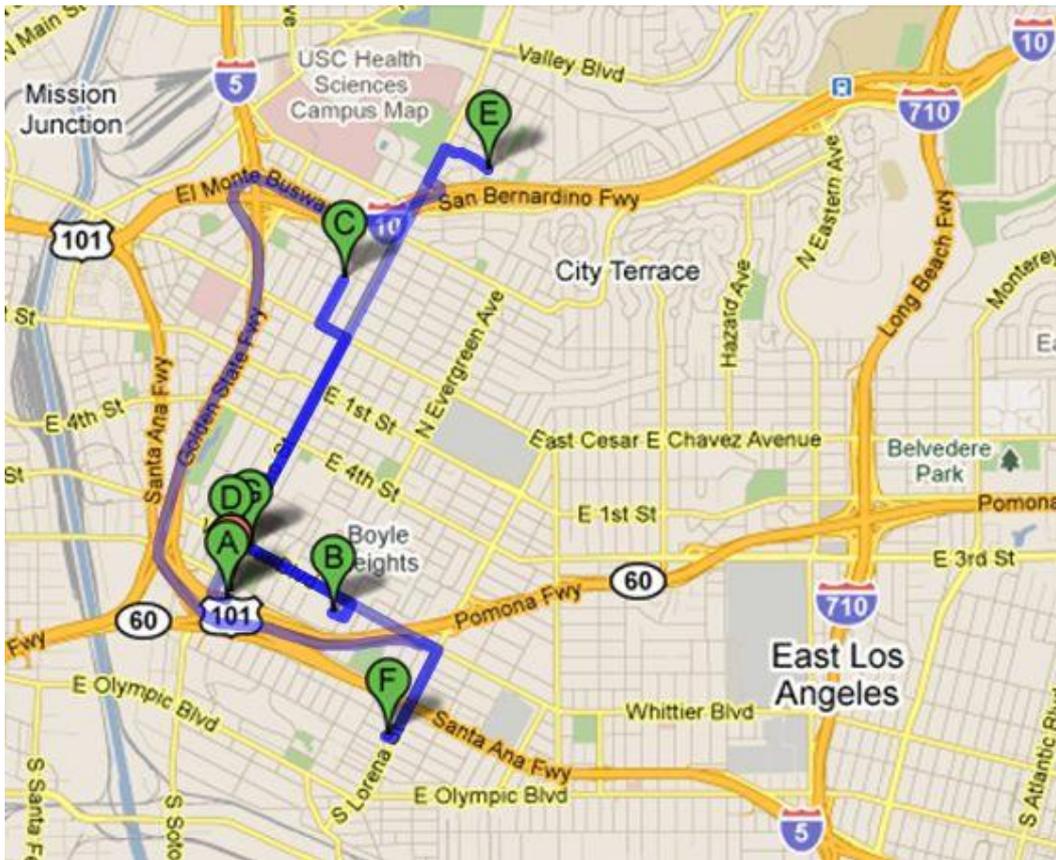
Grants and Funding

- Awarded:
 - AQMD-Funded Health Studies
 - ❖ Loma Linda University
 - ❖ UCLA
 - U.S. EPA Targeted Air Shed Grant
 - ❖ Localized Incentive Programs for Reduction of Toxic Air Contaminants and Criteria Pollutants
 - U.S. EPA Grant 105
 - ❖ Installation of air filtration systems in schools
 - ❖ Deployment of hybrid-electric and electric heavy-duty trucks
- Applied for:
 - Building Capacity to Reduce Children's Environmental Exposures in Child-Occupied Settings (EPA)
 - ❖ 2010 CCP Children's Initiatives

Status of Targeted Air Shed Grant

- Yard Equipment Exchange Programs
 - Lawnmower Exchange – 345 exchanged
 - Leaf Blower Exchange – 8/4/2011 (sold out)
- Fireplace Gas Log Buy-down for Residents
 - Coordinating with local retailers, incentives beginning August 2011
- Retrofit for Large Boilers and Heaters
 - Meeting with public entities eligible for retrofit/replacements
- VOC Reduction Incentives in Development
 - Architectural Coating Rebates
 - Commercial Green Cleaner Systems
 - Laser Paint Targeting Systems for Auto Refinishing
 - Aqueous Brake Washing Systems for Automotive Repair

Air Filtration Units in Boyle Heights



- A. Sunrise Elementary School
- B. Second Street Elementary School
- C. Soto Street Elementary School
- D. Salesian High School
- E. Santa Teresita Elementary School
- F. Resurrection Elementary School
- G. Santa Isabel Elementary School

Other Funds

- Carl Moyer funds available for mobile equipment projects that reduce NOx and PM
- Proposition 1B funds available for goods movement projects



Permit Amnesty Programs

- AQMD Rule 310.1
 - Program Dates: 7/1/2011 through 12/31/2011
 - Amnesty program for unpermitted equipment
 - ❖ Permit equipment without incurring late fees or violation penalties
 - Small business discount for control equipment
 - ❖ 50 percent discount on fees for new or modified permits for air pollution equipment that result in additional emission reductions at a small business facility
 - ❖ Changes in processes that result in VOC emission reductions through use of super-compliant coatings

Next Steps

- Schedule Next Working Group – September 2011