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

Clean Communities Plan

Community Exposure Reduction
- Community Exposure Reduction Plan
- Community Guidance for Reducing Air Toxic Exposure
- Greening Communities

Community Participation
- Clean Communities Pledge
- Clean Schools Pledge
- Enhanced AQMD Community Meetings

Communication and Outreach
- Clean Air Toolbox
- Community Dialogue
- “Playing it Safe” Campaign
- Cleaner Choices to Reduce School Children’s Exposure to Toxics
- Advocating Toxic-Free Choices
- Business Outreach and Assistance

Agency Coordination
- Promoting Better Land Use Decisions
- Multi-Agency Coordinated Response

Monitoring and Compliance
- Enhancements to AQMD’s Compliance Program
- Increased Public Awareness and Participation to Enhance Compliance

Source-Specific Measures
- Lead Emissions
- Lead Paint for Pre-1978 Structures
- Identifying New Sources
- Alternative Assessments
- Indirect Sources

Nuisance
- Nuisance Rule
- Source-Specific Nuisance Rules
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
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
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