

Clean Communities Plan San Bernardino Pilot Study Area

June 24, 2014



Air Shed Grant Programs



Technology,
Funding,
Projects,
and
Showcase

- Scope of Air Shed Grant - Began with:
 - Vehicle Maintenance – Aqueous Brake Cleaners
 - Auto Refinishing – Laser Spray Guides
 - Commercial Green Cleaners
 - Boiler Efficiency Upgrades & Replacements
 - Architectural Coatings
 - Electric Lawn Mowers
 - Commercial Leaf Blowers

Programs Added or Expanded to Air Shed Grant



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- New Programs
 - Commercial Electric Lawn Mowers
 - Weatherization of Homes near Freeways and Intermodal Facilities
 - Air Filtration for Schools
- Expanded Program
 - Wood Burning Fireplace/Stove Voucher Program

Commercial Electric Lawn Mowers



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- Available to non-profit or government agencies
- Implementation pilot study
 - Users to provide information on usage and fuel savings
 - Cost & emission benefits will be determined
- No cost to users
 - Value of mowers ranges from \$3000 to \$20,000



Weatherization of Homes Near Freeways and Intermodal Facilities



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- Goals of weatherization program:
 - Reduce residential exposure to DPM
 - Reduce energy usage
- Weatherization measures on homes near freeways & intermodal facilities
 - Insulation
 - Weather-stripping
 - Duct repair
 - High efficiency furnace filter
- Currently working on RFP for contractor(s)

Air Filtration in Schools



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- Install air filtration in schools near:
 - Freeways
 - Major transportation corridors
 - Intermodal facilities
- Reduce school children exposure to toxics and criteria pollutants
- Program includes
 - Installation of high performance filters
 - Data collection & testing
 - Training of school staff on maintenance & operation
 - 5-year filter supply

Update on Air Filtration Systems



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- Six schools in Riverside and San Bernardino
 - Jurupa Valley High School (CCAIEJ) – December 2011
 - Ruben Campos Community Center (CCAIEJ) – April 2012
 - Ramona Alessandro Elementary School (105 Grant) – July 2012
 - Mt. Vernon Elementary School (105 Grant) – July 2012
 - Arroyo Valley High School (CCAIEJ) – August 2012
 - Lytle Creek Elementary School – April 2013

Wood Burning Fireplace/Stove Voucher Program



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- San Bernardino – 45 vouchers issued
 - One-third of the vouchers issued to low-income qualified residences
 - 23 Vouchers redeemed at retailer
 - All 23 installed: value of \$9400
- Program will continue throughout 2014

UPS Truck Replacement Project



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- 28 medium duty trucks supplied by Electric Vehicle Int'l
- One old truck scrapped for each new electric truck delivered
- Electrical infrastructure upgrade required at UPS for project
- All trucks delivered to UPS by June 2013
- \$1.4 million in DERA funds



Auto Expo in San Bernardino



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- Hosted Auto Expo in San Bernardino in August 2013
- Expo included:
 - Demonstration of alternative-fueled vehicles
 - Training on high-efficiency spray painting
 - Education on lower-polluting VOC products



Auto Expo in San Bernardino



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- Provided local auto body and repair shops with:
 - 28 laser guides for spray guns
 - 13 aqueous brake cleaners

