



Bay Area Air Quality Management District Webinar

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Commercial Lawn and Garden Equipment Replacement Program

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Overview

- Background
- Project Description
- Application Process
- Vendors
- Contact Information

Background

- Alameda and Contra Costa County Health Department staff approached Air District in February 2014 requesting assistance administering a commercial lawn & garden equipment exchange program
- Funding from National Fish & Wildlife Foundation (NFWF)
 - Shoreline LLC's Selby terminal plea bargain with US Attorney General
 - Plea bargain set aside funding for "the improvement of air quality in the Bay Area, and in particular, Contra Costa and Alameda Counties."
- Air District staff worked with Health Department staff and NFWF program administrators to develop the program description
- The team chose to focus on exchanging lawn & garden equipment because:
 - it is an emerging technology
 - worker exposure issues
 - added protection for kids at schools

Background

- Lawn & garden equipment replacement programs reduce emissions by replacing existing gasoline equipment with zero/low-emission equipment
- Equipment replacements are not required by regulation, so all emissions reduced by zero/low-emission equipment “change outs” are voluntary
- Alameda and Contra Costa Counties:
 - One million pieces of lawn & garden equipment
 - Daily Emissions (tons) – 2.1 ROG, 0.7 NO_x, 0.15 PM & 116 CO₂
- Air District submitted the proposal to NFWF on October 3, 2014
- NFWF presented Air District with contract on October 29, 2014

Project Description

- Project will replace conventional commercial lawn & garden equipment with zero/low emission equipment

- Equipment targeted:



Lawn mowers	Chainsaws
Leaf blowers	Line trimmers
Sweepers	Hedge trimmers

- Equipment to be replaced must be scrapped at a licensed metal recycling facility
- Air District will receive assistance from Alameda and Contra Costa County Health Department staff

Project Description

- **Funding:**
 - \$470,000 award from NFWF
 - \$423,000 split between Alameda & Contra Costa County to purchase equipment - \$211,500/each
 - \$47,000 to Air District for administration (10%)
- **Expected outcome:**
 - Replace 450 pieces of equipment
 - Reduce yearly emissions (tons): 0.21 ROG, 0.64 NO_x, 0.13 PM & 103 CO₂



Application Process

1. Applications are available on the Air District's website under the heading, "Commercial Lawn & Garden Equipment Exchange Program"
2. Letter of Commitment or Board Resolution authorizing submittal of the proposal is required
3. Applications are due at the Air District by Friday, May 15, 2015, at 5:00 pm

Vendors

Four vendors that sell commercial, battery-powered lawn & garden equipment are participating in the project:

- Green Station
- Mean Green
- Stihl
- TMC Power



Contact Information

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