




air pollution control district
SANTA BARBARA COUNTY

Agenda Item: F-2
Agenda Date: October 21, 2021
Agenda Placement: Admin
Estimated Time: N/A
Continued Item: No

Board Agenda Item

TO: Air Pollution Control District Board

FROM: Aeron Arlin Genet, Air Pollution Control Officer 

CONTACT: Lorena Saldana, Executive Assistant/Board Clerk, (805) 961-8853

SUBJECT: District Grant and Incentives Program Activity

RECOMMENDATION:

Receive and file the following:

1. An update on the Old Car Buy Back Program for vehicles retired during the period of August 1, 2021 through September 30, 2021;
2. An update on the Landscape Equipment Electrification Fund (LEEF) Program Year 2 for zero-emission landscape equipment vouchers during the period of November 16, 2020 through September 30, 2021; and
3. Summary of the emission-reduction grant agreements approved by the Air Pollution Control Officer for the period of August 1, 2021 through September 30, 2021 in accordance with Board Resolution Number 09-14.

DISCUSSION:

This item provides an update on three grant programs and the activity that has occurred since your last Board meeting. Grant fund allocation reports for the District's Old Car Buy Back Program and Landscape Equipment Electrification Fund Program identify funding allocation to date, remaining fund balance, and project location. Your Board expanded the authority of the Air Pollution Control Officer to issue grants for emission reduction projects up to \$250,000 provided your Board had authorized an overall umbrella program for each type of project. The attached summary sheets describe the grants approved since our last report.

The District's 2021 Clean Air Grants Program project solicitation window closed on September 3, 2021, and the District received seventy-five (75) project applications from local businesses and public agencies with a total requested funding over \$10 million. The District anticipates receiving approximately \$2.1 million of Carl Moyer, Community Air Protection, FARMER, and \$2 DMV

Aeron Arlin Genet, Air Pollution Control Officer

Surcharge funds to be available for the 2021 Clean Air Grant Program. Funding projects involves a ranking system based on prioritizing zero-emission or near-zero emission technology projects, and projects located in low-income communities, as defined by AB 1550. Projects selected to be funded are eligible to receive a grant within a range from \$10,000 to \$250,000, not to exceed 80% of the total eligible project costs. While we have not yet received all of our state funds for the 2021 Clean Air Grants program, we expect to begin grant offers to the highest ranked projects in Winter 2021.

ATTACHMENTS:

- A. Old Car Buy Back Program Update
- B. Landscape Equipment Electrification Fund Program Update
- C. Grant Agreement Approval Forms

ATTACHMENT A

Old Car Buy Back Program Update for the period of
August 1, 2021 – September 30, 2021

October 21, 2021

Santa Barbara County Air Pollution Control District
Board of Directors

260 San Antonio Road, Suite A
Santa Barbara, California 93110



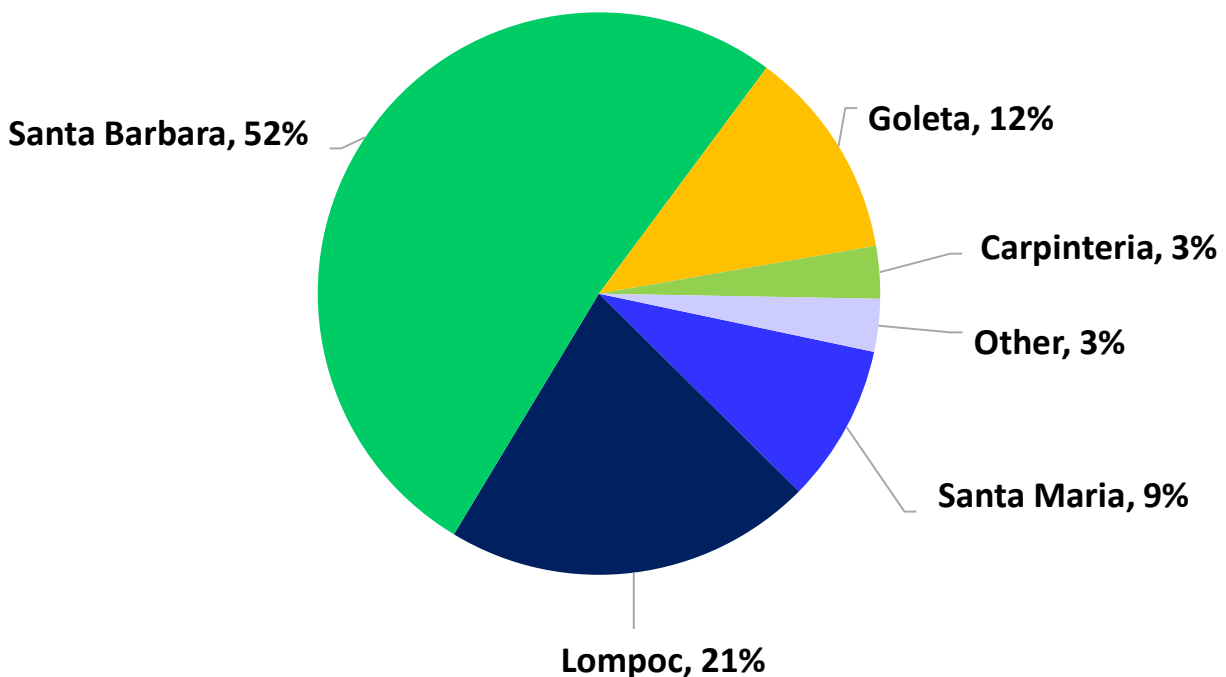
Old Car Buy Back Program Update

The District's Old Car Buy Back Program currently pays Santa Barbara County vehicle owners \$1,000 to voluntarily retire their fully legal and operational 1997 or older, light or medium duty car, truck, van, or SUV. The regional dismantlers earn \$250 for each vehicle that they help retire. Currently, the total program cost is \$1,250 to retire a vehicle.

The program accelerates the improvement of air quality by removing high polluting vehicles from the road, quicker than normal vehicle attrition. Funding for the program is derived from \$2 DMV registration surcharge funds. Below is the program data for the most recent reporting period and the entire fiscal year.

Old Car Buy Back Program Activity		
	8/1/2021 - 9/30/2021	FY 2021-22
Vehicles retired	19	33
Funds committed @ \$1,250/vehicle	\$23,750	\$41,250
Total tons reduced [NOx+ ROC + PM]	1.56	2.59
Average project cost-effectiveness	\$15,443/ton	\$16,250/ton

Vehicle Owner Location (FY 2021-22)



ATTACHMENT B

Landscape Equipment Electrification Fund (LEEF) Update for
the period of
November 16, 2020 – September 30, 2021

October 21, 2021

Santa Barbara County Air Pollution Control District
Board of Directors

260 San Antonio Road, Suite A
Santa Barbara, California 93110

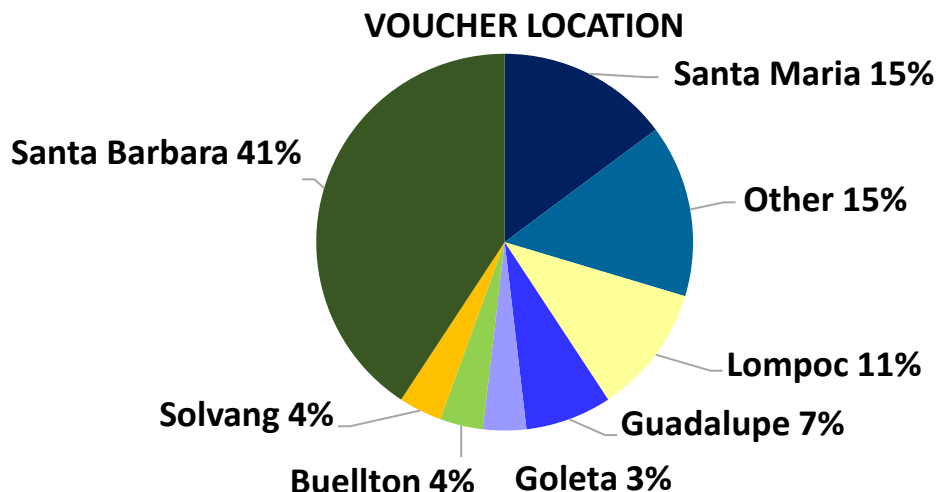


Landscape Equipment Electrification Fund (LEEF) Program Year 2 Final Update

The LEEF Program offered vouchers to help adopt the use of zero-emission electric landscape equipment. Landscape businesses, nonprofit entities, public agencies, and schools that perform their own landscape maintenance services, and that are located in or conduct business within Santa Barbara County, were eligible to participate in the LEEF Program. Year 2 of the LEEF Program was funded with \$100,000 from the District's Clean Air Fund that the District Board approved on October 15, 2020. Participating organizations received a voucher up to \$7,000 for the purchase of electric landscape equipment and up to \$500 for the voluntary disposal of gasoline landscape equipment. The voucher covered up to 60% of the purchase price for new equipment, including mowers, leaf blowers and vacuums, edgers, trimmers, chainsaws, pole saws, batteries, and chargers. Vouchers were issued based on a ranking system that prioritized applicants on the Year 1 Pilot Program waiting list, projects located in a low-income community, and new applicants. Overall, the program funded the purchase of 436 pieces of new electric landscape equipment and the voluntary disposal of 20 pieces of gasoline equipment. Some participants opted to keep their gasoline equipment for backup as they adapt to the use of their new electric equipment.

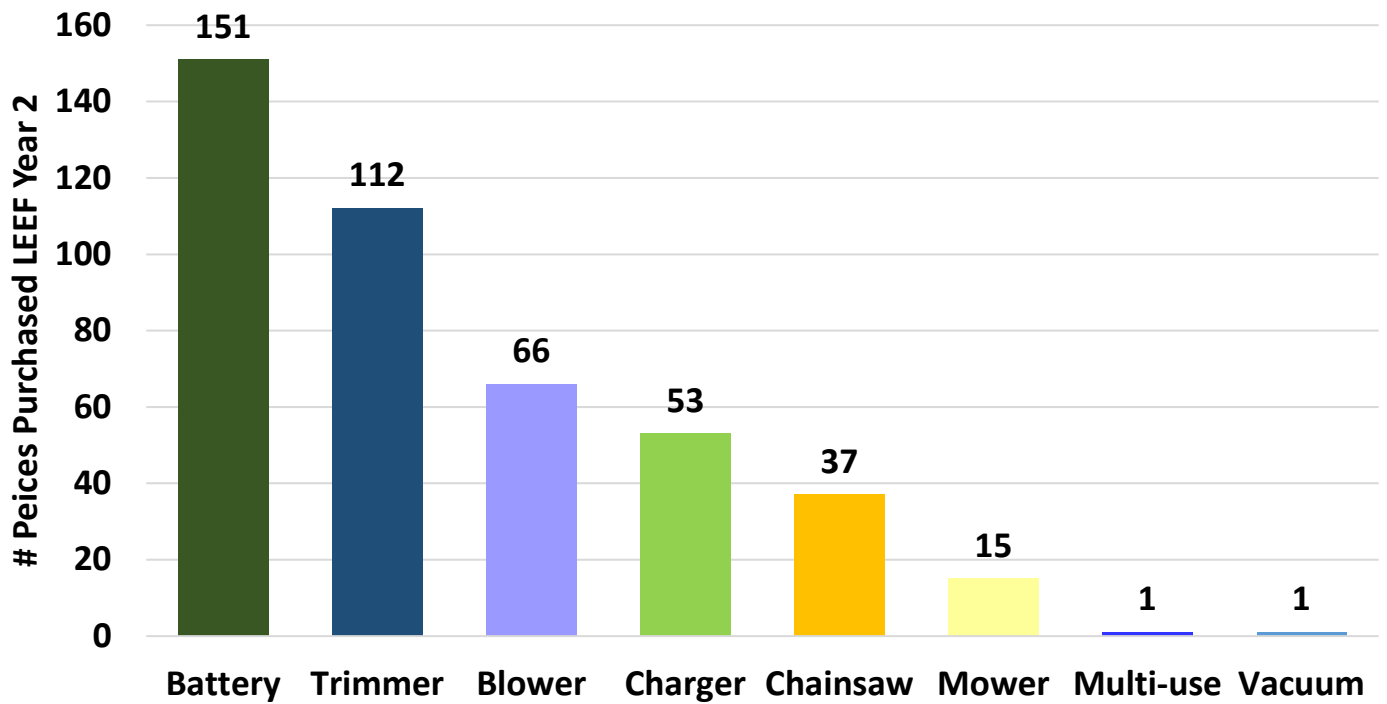
The program helped reduce gasoline- and diesel-powered landscape equipment emissions, including nitrogen oxides, particulate matter, carbon dioxide, and other pollutants. The program also helped community members, businesses, and employees experience the health and environmental benefits of cleaner technology that may ultimately lead to greater use of zero-emission landscape equipment throughout the county. Year 2 of the program incorporated lessons learned from a successful Year 1 Pilot Program, that operated during the spring and summer of 2020.

LEEF Program Year 2 Final Voucher Incentives (November 16 th 2020 – September 30 th 2021)					
Organization Type	Applications Received		Vouchers Issued		\$ Expended
	Number	Amount	Number	Amount	
Business	13	\$58,483	11	\$51,936	\$51,936
Nonprofit	9	\$21,960	9	\$21,071	\$19,889
Public Agency	6	\$27,625	6	\$25,800	\$25,699
School	2	\$1,193	2	\$1,193	\$830
Total	30	\$109,261	28	\$100,000	\$98,354
				Program Budget	\$100,000

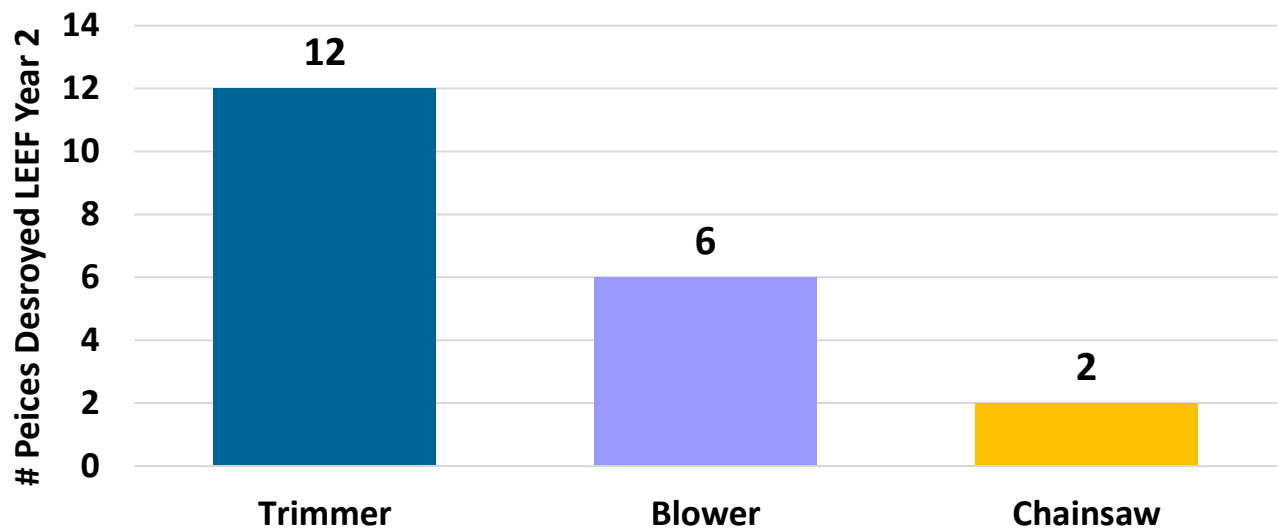




ELECTRIC EQUIPMENT PURCHASED BY TYPE



GASOLINE EQUIPMENT VOLUNTARILY DESTROYED BY TYPE



ATTACHMENT C

Grant Agreement Approval Forms for the Period of
August 1, 2021 – September 30, 2021

October 21, 2021

Santa Barbara County Air Pollution Control District
Board of Directors

260 San Antonio Road, Suite A
Santa Barbara, California 93110

GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer

Staff Contact: Alex Economou

Date: 08/09/2021

Grant Program: Carl Moyer – Year 22 funds

Category: Infrastructure

GRANT INFORMATION

Grantee: City of Lompoc (AP202130)

Project Location: Lompoc

Grant Agreement Amount: \$100,000

New Equipment: Two (2) off-grid, solar-powered dual port
Level 2 electric vehicle charging stations

Grant Cost-Effectiveness: Not Applicable for Infrastructure

Cost-Effectiveness Limit: Not Applicable for Infrastructure

Project Life: 3 Years

Project Lifetime Emission Reductions: Not Applicable for Infrastructure

FUND INFORMATION

Carl Moyer – Year 22 Budget: \$651,215

Encumbered Grant Agreements: \$500,579 (Including current grant)

Carl Moyer – Year 22 Balance: \$150,636

Approved:



Air Pollution Control Officer

Date: 10 August 2021

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 08/25/2021
Grant Program: Co-funded with FARMER Year 2, FARMER Year 3, and AB 923 - \$2 DMV
Category: Off-Road

GRANT INFORMATION

Grantee: 3 Generaciones (AP202120)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$150,000
Old Equipment: 1998 Caterpillar Agricultural Tractor 310hp (Tier 1)
New Equipment: 2021 Fendt Agricultural Tractor 374p (Tier 4F)
Grant Cost-Effectiveness: \$12,277
Cost-Effectiveness Limit: \$30,000
Project Life: 3 Years
Project Lifetime Emission Reductions: 12.516 (4.172 tons/yr)

FUND INFORMATION

FARMER Year 2 – Budget: \$2,446.18
Encumbered Grant Agreements: \$2,446.18 (Including current grant of \$2,446.18)
FARMER Year 2 – Balance: \$0

FARMER Year 3 – Budget: \$231,047.00
Encumbered Grant Agreements: \$231,047.00 (Including current grant of \$103,331.00)
FARMER Year 3 – Balance: \$0

AB 923 \$2 DMV – Budget: \$1,000,000.00
Encumbered Grant Agreements: \$44,222.82 (Including current grant of \$44,222.82)
AB 923 \$2 DMV – Balance: \$955,777.18

Approved: 
Air Pollution Control Officer

Date: 26 August 2021

Please contact the Board Clerk to review this grant agreement