




Board Agenda Item

TO: Air Pollution Control District Board

FROM: Aeron Arlin Genet, Air Pollution Control Officer 

CONTACT: Sara Hunt, Executive Assistant/Board Clerk (805-961-8853)

SUBJECT: District Grant 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 March 1, 2019 through March 31, 2019;
- 2) An update on the Woodsmoke Reduction Program for fireplace and stove replacement projects during the period of October 25, 2018 through May 31, 2019; and
- 3) Summary of the emission-reduction grant agreements approved by the Air Pollution Control Officer for the period of May 1, 2019 through June 6, 2019 in accordance with Board Resolution Number 09-14.

DISCUSSION:

Your Board expanded the authority of the Control Officer to issue grants for emission reduction projects up to \$150,000 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. In addition, updated grant fund allocation reports by city for the District's Old Car Buy Back Program as well as the Woodsmoke Reduction Program are being provided.

ATTACHMENT:

- A. Old Car Buy Back Program Update
- B. Woodsmoke Reduction Program Update
- C. Grant Agreement Approval Forms

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 1995 or older, light or medium duty car, truck, van, or SUV.

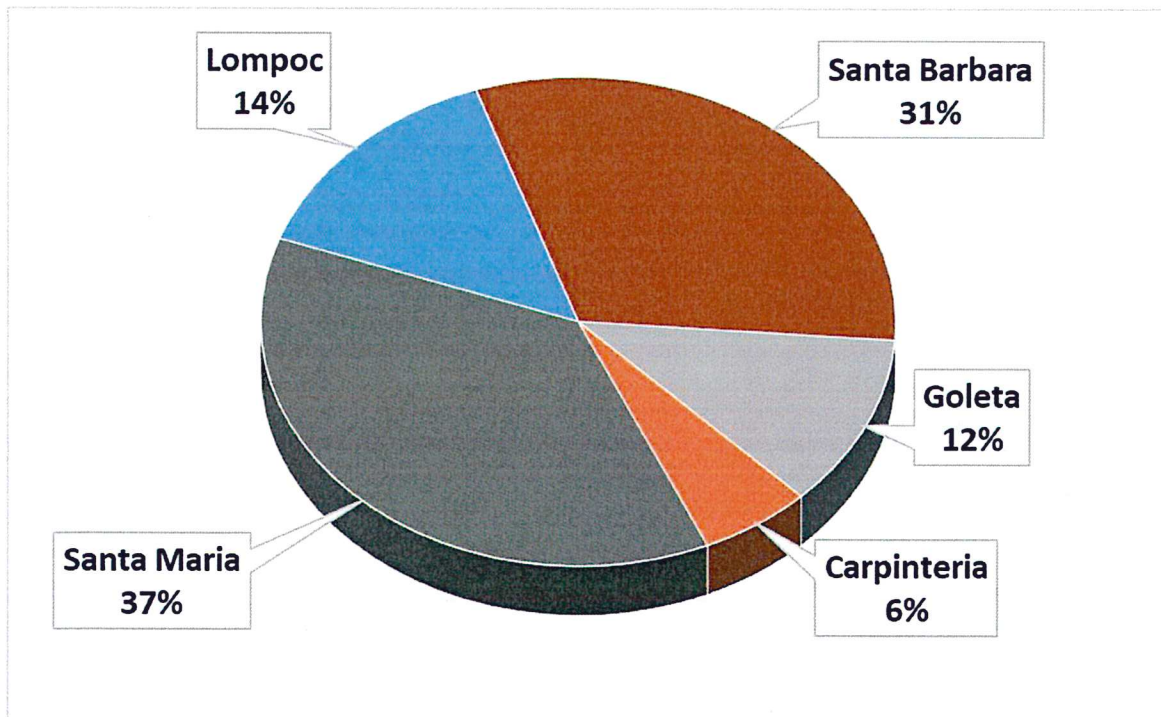
The three regional dismantlers earned \$250 for each vehicle that they helped retire. Currently, the total program cost is \$1,250 to retire a vehicle.

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 primarily derived from \$2 DMV registration surcharge funds.

Fiscal Year 2018-19 \$2 DMV: Budget for Old Car Buy Back	\$685,000
Fiscal Year 2018-19 \$2 DMV: Old Car Buy Back Expenditures	\$350,000
Fiscal Year 2018-19 \$2 DMV: Remaining Balance	\$335,000

VEHICLES RETIRED: MARCH 1, 2019 THROUGH MARCH 31, 2019	35
\$ EXPENDED: [35 VEHICLES @ \$1,250/VEHICLE]	\$43,750
TOTAL PROJECT TONS REDUCED [NOX + ROC + PM]:	3.55

VEHICLE OWNER LOCATION *



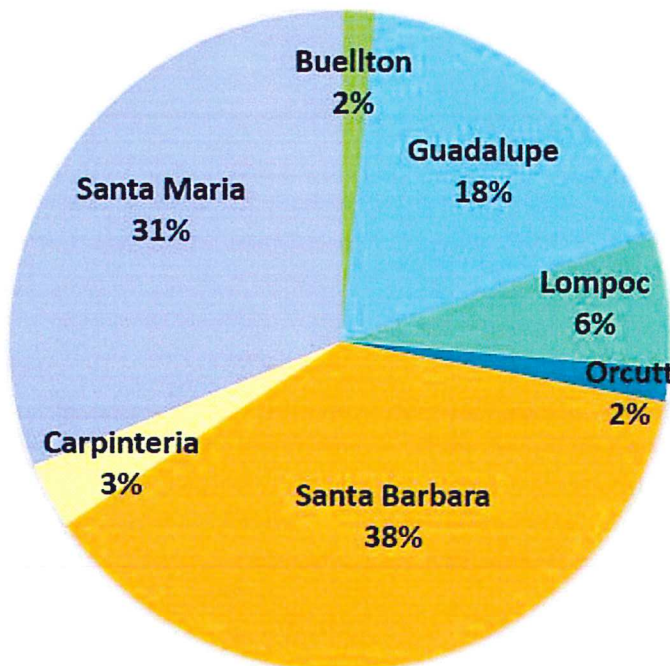
*For vehicles retired only from March 1, 2019 – March 31, 2019.

This voluntary program is designed to help households replace a wood-burning uncertified stove, fireplace insert, or fireplace used as a primary source of heat with a cleaner-burning and more efficient device. Applicants who meet low-income eligibility requirements may qualify for an Enhanced Incentive Voucher of up to \$5,000. All other Applicants may qualify for the Standard Voucher of up to \$1,000. Program funds come from California Climate Investments, a statewide initiative that puts Cap-and-Trade dollars to work.

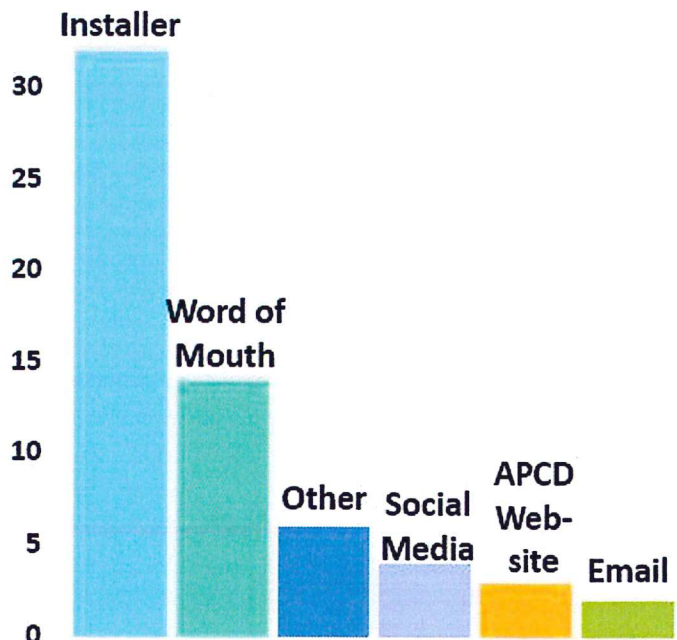
The program improves air quality and mitigates neighborhood impacts by reducing the amount of woodsmoke emitted from fireplaces and wood stoves in the county, which accounts for about 33 percent of wintertime particulate matter (PM_{2.5} and PM₁₀) emissions. In addition to particulate matter, woodsmoke contains soot, dioxins, carbon dioxide, and volatile organic compounds. Breathing woodsmoke can reduce lung function, aggravate heart and lung diseases, and trigger asthma. The program also achieves reductions in black carbon, a short-lived climate pollutant emitted when wood burns.

Fireplace and Stove Replacements October 25 th 2018 – May 31 st 2019						
Household Type:	Vouchers Issued	Projects Completed		\$ Expended	PM _{2.5} (lbs) Reduced	Black Carbon (lbs) Reduced
		Wood Fireplace to Gas Insert	Wood Stove to Gas Stove			
Low Income	48	36	1	\$182,978	71,633	8,954
Other	14	10	1	\$11,000	20,138	2,517
Total	62	46	2	\$193,978	91,771	11,471
Fiscal Year 2018-19 Budget				\$225,000		
Current Program Balance				\$31,022		

Project Location (All Issued Vouchers)



How Applicants Learned of Program



GRANT AGREEMENT APPROVAL FORM

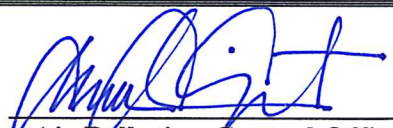
To: Air Pollution Control Officer
Staff Contact: Alex Economou
Date: May 9, 2019
Grant Program: Electric Vehicle Charging Station Infrastructure Program (EV Program)

GRANT INFORMATION

Grantee: City of Santa Barbara
Grant Agreement Number: EVCS-017: Helena Parking Lot
Grant Agreement Amount: \$20,000
New Equipment: One (1) ChargePoint single-port Level-2 charging station and one (1) ChargePoint dual-port Level-2 charging station
Grant Cost-Effectiveness: Not Applicable for the EV Program
Program Limit: Not Applicable for the EV Program
Project Life: 3 Years
Project Lifetime Emission Reductions: Not Applicable for the EV Program

FY 2018-19 APPROVED BUDGET

Approved Program Budget: \$135,000
Encumbered Grant Agreements: \$40,000 (Including current Grant)
Current Program Balance: \$95,000
Overall Program Cost-Effectiveness: Not Applicable for the EV Program

Approved:  Air Pollution Control Officer	Date: <u>28 May 19</u>
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Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM


To: Air Pollution Control Officer
Staff Contact: Alex Economou
Date: May 9, 2019
Grant Program: Electric Vehicle Charging Station Infrastructure Program (EV Program)

GRANT INFORMATION

Grantee: City of Santa Barbara
Grant Agreement Number: EVCS-018: Granada Garage
Grant Agreement Amount: \$7,196
New Equipment: Two (2) ChargePoint dual-port Level-2 charging stations
Grant Cost-Effectiveness: Not Applicable for the EV Program
Program Limit: Not Applicable for the EV Program
Project Life: 3 Years
Project Lifetime Emission Reductions: Not Applicable for the EV Program

FY 2018-19 APPROVED BUDGET

Approved Program Budget: \$135,000
Encumbered Grant Agreements: \$47,196 (Including current Grant)
Current Program Balance: \$87,804
Overall Program Cost-Effectiveness: Not Applicable for the EV Program

Approved:  Air Pollution Control Officer	Date: <u>28 May 19</u>
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Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Alex Economou
Date: May 9, 2019
Grant Program: Electric Vehicle Charging Station Infrastructure Program (EV Program)

GRANT INFORMATION

Grantee: City of Santa Barbara
Grant Agreement Number: EVCS-019: Old Town Parking Lot
Grant Agreement Amount: \$20,000
New Equipment: One (1) ChargePoint single-port Level-2 charging station and one (1) ChargePoint dual-port Level-2 charging station
Grant Cost-Effectiveness: Not Applicable for the EV Program
Program Limit: Not Applicable for the EV Program
Project Life: 3 Years
Project Lifetime Emission Reductions: Not Applicable for the EV Program

FY 2018-19 APPROVED BUDGET

Approved Program Budget: \$135,000
Encumbered Grant Agreements: \$67,196 (Including current Grant)
Current Program Balance: \$67,804
Overall Program Cost-Effectiveness: Not Applicable for the EV Program

Approved: _____

Air Pollution Control Officer

Date: 28 May 19

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: June 06, 2019
Grant Program: 2018 Clean Air Grants

GRANT INFORMATION

Grantee: OSR Enterprises
Grant Agreement Number: AP181921
Grant Agreement Amount: \$114,410
Existing Equipment: 1995 John Deere 7800 agricultural tractor w/Tier 0 engine
New Equipment: 2019 John Deere 7230R agricultural tractor w/Tier 4F engine
Grant Cost-Effectiveness: \$17,221/ton NO_x+ROC+PM₁₀
Program Limit: \$30,000/ton NO_x+ROC+PM₁₀
Project Life: 3 Years
Project Lifetime Emission Reductions: 6.74 tons NO_x+ROC+PM₁₀

PROGRAM INFORMATION

Fiscal Year 2018-19 Budget: \$1,826,268
Encumbered Grant Agreements: \$1,825,268 (Including current Grant)
Current Program Balance: \$115,410
Overall Program Cost-Effectiveness: \$15,822/ton NO_x+ROC+PM₁₀ (Including current Grant)

Approved: _____

Air Pollution Control Officer

Date: _____

6 June 19

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