




air pollution control district
SANTA BARBARA COUNTY

Agenda Item: D-2
Agenda Date: March 16, 2023
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) 979-8282

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 January 1, 2023 through February 28, 2023; and
2. Summary of the emission-reduction grant agreement approved by the Air Pollution Control Officer for the period of August 1, 2022 through February 28, 2023 in accordance with Board Resolution Number 20-13.

DISCUSSION:

This item provides an update on grant programs and the activity that has occurred since your last Board meeting. The grant fund allocation reports for the District's Old Car Buy Back Program identify vehicles retired, funding allocation to date, emissions reduced, cost-effectiveness of program, and project location.

The District's 2022 Clean Air Grants Program opened to receive grant applications on July 25, 2022 and closed on August 31, 2022. The District received 95 applications which have been reviewed for completeness, ranked, and are now in the process of grant agreement implementation. The 2022 Clean Air Grants Program has a budget of approximately \$3.8 million of California Air Resources Board funds (i.e., Carl Moyer Program, Community Air Protection Program, and FARMER Program). Eligible project categories include off-road equipment, on-road vehicles, school buses, agricultural engines, marine engines, and alternative fueling infrastructure. The funds will be prioritized for projects that implement zero or near-zero emission technology along with projects located within disadvantaged or low-income communities as defined by this map: <https://webmaps.arb.ca.gov/PriorityPopulations/>. As of February 28, 2023, thirty-one percent

Aeron Arlin Genet, Air Pollution Control Officer

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(approximately \$1.1 million) of the total 2022 Clean Air Grant Program funds have been awarded and are in the attached grant agreement approval forms - the remaining grant contracts are being processed.

ATTACHMENTS:

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

ATTACHMENT A

Old Car Buy Back Program Update

March 16, 2023

Santa Barbara County Air Pollution Control District
Board of Directors

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



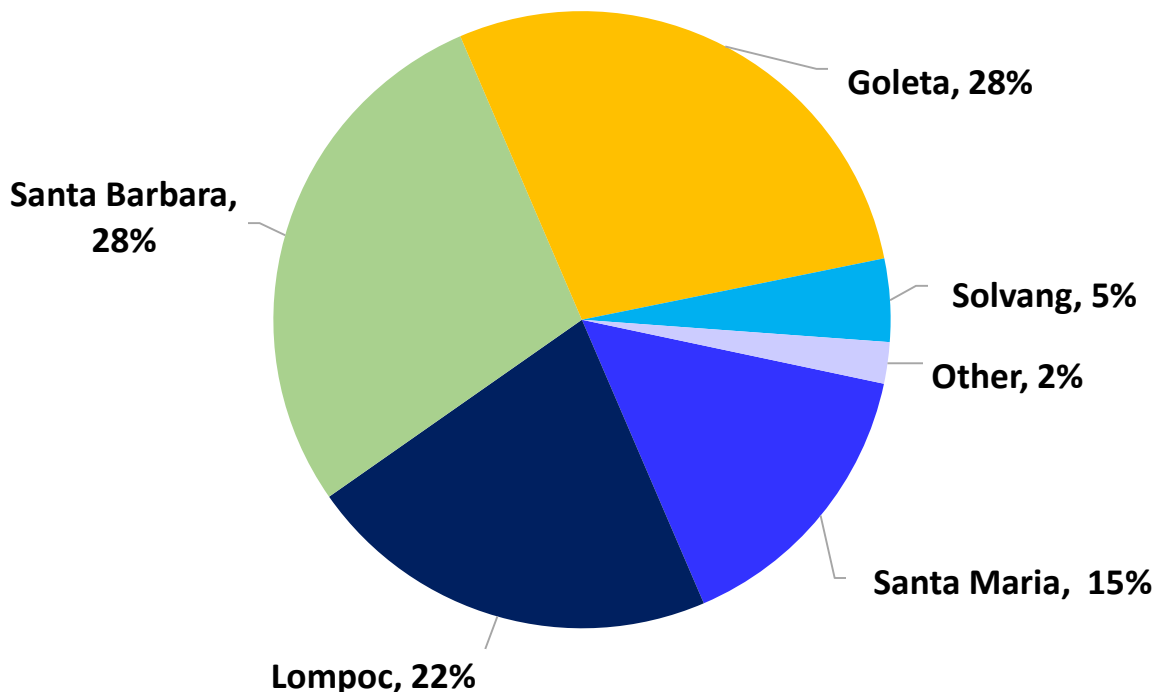
Old Car Buy Back Program Update

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		
	1/1/2023 - 2/28/2023	FY 2022-2023
Vehicles retired	13	46
Funds committed @ \$1,250/vehicle	\$16,250	\$57,500
Total tons reduced [NOx+ ROC + PM]	1.06	3.63
Average project cost-effectiveness	\$21,639/ton	\$20,974/ton

Vehicle Owner Location (FY 2022-2023)



ATTACHMENT B

Grant Agreement Approval Forms

March 16, 2023

**Santa Barbara County Air Pollution Control District
Board of Directors**

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

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Alex Economou
Date: 12/6/22
Grant Program: Moyer Year 23
Grant Program Funds: \$620,842
Category: Infrastructure

PROJECT INFORMATION

Grantee: County of Santa Barbara (AP212231)
Project Location: Lompoc
Grant Agreement Amount: \$74,000
New Equipment: Twenty (20) single port Level 2 EV charging stations
Grant Cost-Effectiveness: Not Applicable for Infrastructure
Cost-Effectiveness Limit: Not Applicable for Infrastructure
Project Life: 3 Years
Project Emission Reductions: Not Applicable for Infrastructure

Approved: 

Air Pollution Control Officer

Date: 7 Dec 2022

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Alex Economou
Date: 1/30/23
Grant Program: Moyer Year 24
Grant Program Funds: \$1,425,958
Category: Infrastructure

PROJECT INFORMATION

Grantee: Foxen Vineyard, Inc. (AP222308)
Project Location: Santa Maria
Grant Agreement Amount: \$25,000
New Equipment: Four (4) single port Level 2 EV charging stations
Grant Cost-Effectiveness: Not Applicable for Infrastructure
Cost-Effectiveness Limit: Not Applicable for Infrastructure
Project Life: 3 Years
Project Emission Reductions: Not Applicable for Infrastructure

Approved: 

Air Pollution Control Officer

Date: 31 Jan 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Alex Economou
Date: 2/6/2023
Grant Program: Moyer Year 24
Grant Program Funds: \$1,425,958
Category: Infrastructure

PROJECT INFORMATION

Grantee: City of Carpinteria (AP222304)
Project Location: Carpinteria
Grant Agreement Amount: \$19,000
New Equipment: Four (4) dual port Level 2 EV charging stations and
Two (2) single port Level 2 EV charging stations
Grant Cost-Effectiveness: Not Applicable for Infrastructure
Cost-Effectiveness Limit: Not Applicable for Infrastructure
Project Life: 3 Years
Project Emission Reductions: Not Applicable for Infrastructure

Approved: 
Air Pollution Control Officer

Date: 10 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/01/2023
Grant Programs: CAP Year 5 / CAP Year 2
Grant Program Funds: \$1,037,332.36 / \$6,546
Category: Off-Road

PROJECT INFORMATION

Grantee: V. Lopez Jr & Sons (AP222307)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$97,500
Old Equipment: 1 - 2010 John Deere backhoe 99hp (Tier 3)
2 - 2002 John Deere dozer 90hp (Tier 1)
New Equipment: 2022 John Deere backhoe 84hp (Tier 4F)
Grant Cost-Effectiveness: \$10,503
Cost-Effectiveness Limit: \$33,000
Project Life: 3 Years
Project Emission Reductions: 11.847 tons (3.949 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 2 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/01/2023
Grant Program: CAP Year 5
Grant Program Funds: \$1,037,332.36
Category: Marine

PROJECT INFORMATION

Grantee: Stardust Sportfishing (AP222309)
Project Location: Santa Barbara Harbor
Grant Agreement Amount: \$61,000
Old Equipment: Two - 2011 Cummins marine engines 285hp (Tier 2)
New Equipment: Two - 2022 Cummins marine engines 285hp (Tier 3)
Grant Cost-Effectiveness: \$32,830
Cost-Effectiveness Limit: \$33,000
Project Life: 4 Years
Project Emission Reductions: 1.216 tons (0.304 tons/yr)

Approved: 

Air Pollution Control Officer

Date: 2 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer

Staff Contact: Mike McKay

Date: 02/01/2023

Grant Program: CAP Year 5

Grant Program Funds: \$1,037,332.36

Category: Off-Road

PROJECT INFORMATION

Grantee: DeBernardi Brothers (AP222314)

Project Location: Santa Maria Valley

Grant Agreement Amount: \$120,000

Old Equipment: 1996 Case Agricultural Tractor 216hp (Tier 1)

New Equipment: 2020 New Holland Agricultural Tractor 311hp (Tier 4F)

Grant Cost-Effectiveness: \$23,134

Cost-Effectiveness Limit: \$33,000

Project Life: 3 Years

Project Emission Reductions: 5.307 tons (1.769 tons/yr)

Approved: 

Air Pollution Control Officer

Date: 2 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/06/2023
Grant Program: CAP Year 5
Grant Program Funds: \$1,037,332.36
Category: Off-Road (Agriculture Pump)

PROJECT INFORMATION

Grantee: Grimmway Enterprises, Inc (AP222317)
Project Location: Cuyama
Grant Agreement Amount: \$121,000
Old Equipment: 2006 Caterpillar diesel agriculture pump 801hp (Tier 2)
New Equipment: 2022 US Motors electric agriculture pump 500hp
Grant Cost-Effectiveness: \$1,007
Cost-Effectiveness Limit: \$33,000
Project Life: 3 Years
Project Emission Reductions: 46.080 tons (15.260 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 7 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/22/2023
Grant Program: CAP Year 5
Grant Program Funds: \$1,037,332.36
Category: Off-Road

PROJECT INFORMATION

Grantee: Hill Top Produce (AP222318)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$46,000
Old Equipment: 1997 White Agricultural Tractor 96hp (Tier 0)
New Equipment: 2022 Case Agricultural Tractor 110hp (Tier 4F)
Grant Cost-Effectiveness: \$20,300
Cost-Effectiveness Limit: \$33,000
Project Life: 3 Years
Project Emission Reductions: 2.376 tons (0.792 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 22 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/22/2023
Grant Program: CAP Year 5
Grant Program Funds: \$1,037,332.36
Category: Off-Road

PROJECT INFORMATION

Grantee: J&G Berry Farms (AP222319)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$108,000
Old Equipment: 2008 Challenger Agricultural Tractor 330hp (Tier 3)
New Equipment: 2022 John Deere Agricultural Tractor 370hp (Tier 4F)
Grant Cost-Effectiveness: \$29,142
Cost-Effectiveness Limit: \$33,000
Project Life: 3 Years
Project Emission Reductions: 3.882 tons (1.294 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 22 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/06/2023
Grant Program: CAP Year 5
Grant Program Funds: \$1,037,332.36
Category: Marine

PROJECT INFORMATION

Grantee: Adrian Stimson - FV Mysteri (AP222320)
Project Location: Santa Barbara Harbor
Grant Agreement Amount: \$24,500
Old Equipment: 2006 Cummins marine engine 405hp (Tier 2)
New Equipment: 2022 Cummins marine engine 425hp (Tier 3)
Grant Cost-Effectiveness: \$25,956
Cost-Effectiveness Limit: \$33,000
Project Life: 7 Years
Project Emission Reductions: 0.896 tons (0.128 tons/yr)

Approved: 

Air Pollution Control Officer

Date: 7 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/27/2023
Grant Program: CAP Year 5
Grant Program Funds: \$1,037,332.36
Category: Off-Road

PROJECT INFORMATION

Grantee: Del Campo Berry Farms (AP222321)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$27,000
Old Equipment: 2005 Kubota Agricultural Tractor 90hp (Tier 2)
New Equipment: 2022 Kubota Agricultural Tractor 104.5hp (Tier 4F)
Grant Cost-Effectiveness: \$29,235
Cost-Effectiveness Limit: \$33,000
Project Life: 3 Years
Project Emission Reductions: 0.933 tons (0.311 tons/yr)

Approved: _____

Air Pollution Control Officer

Date: 28 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/08/2023
Grant Program: FARMER Year 5
Grant Program Funds: \$841,050
Category: Off-Road

PROJECT INFORMATION

Grantee: Acquistapace Farms (AP222322)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$82,000
Old Equipment: 1997 John Deere Agricultural Tractor 175hp (Tier 1)
New Equipment: 2021 John Deere Agricultural Tractor 230hp (Tier 4F)
Grant Cost-Effectiveness: \$27,060
Cost-Effectiveness Limit: \$33,000
Project Life: 3 Years
Project Emission Reductions: 3.090 tons (1.030 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 9 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer

Staff Contact: Mike McKay

Date: 02/08/2023

Grant Program: FARMER Year 5

Grant Program Funds: \$841,050

Category: Off-Road

PROJECT INFORMATION

Grantee: Durant Harvesting (AP222323)

Project Location: Santa Maria Valley

Grant Agreement Amount: \$60,000

Old Equipment: 2002 John Deere Agricultural Tractor 88hp (Tier 1)

New Equipment: 2021 John Deere Agricultural Tractor 110hp (Tier 4F)

Grant Cost-Effectiveness: \$5,903

Cost-Effectiveness Limit: \$33,000

Project Life: 3 Years

Project Emission Reductions: 10.302 tons (3.434 tons/yr)

Approved: 

Air Pollution Control Officer

Date: 9 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/08/2023
Grant Program: FARMER Year 5
Grant Program Funds: \$841,050
Category: Off-Road

PROJECT INFORMATION

Grantee: Adam Bros Farming (AP222325)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$120,000
Old Equipment: 1985 Steiger Agricultural Tractor 325hp (Tier 0)
New Equipment: 2023 Fendt Agricultural Tractor 396hp (Tier 4F)
Grant Cost-Effectiveness: \$5,507
Cost-Effectiveness Limit: \$33,000
Project Life: 3 Years
Project Emission Reductions: 25.497 tons (8.499 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 2 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/22/2023
Grant Program: Carl Moyer Year 24
Grant Program Funds: \$1,425,958.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Sanford Winery Company (AP222326)
Project Location: Lompoc Valley
Grant Agreement Amount: \$32,500
Old Equipment: 1986 Hesston Agricultural Tractor 100hp (Tier 0)
New Equipment: 2022 John Deere Agricultural Tractor 73hp (Tier 4F)
Grant Cost-Effectiveness: \$26,362
Cost-Effectiveness Limit: \$33,000
Project Life: 3 Years
Project Emission Reductions: 1.263 tons (0.421 tons/yr)

Approved: 

Air Pollution Control Officer

Date: 22 Feb 23

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/28/2023
Grant Program: FARMER Year 5
Grant Program Funds: \$841,050
Category: Off-Road

PROJECT INFORMATION

Grantee: Santa Barbara Botanic Garden (AP222328)
Project Location: Santa Barbara
Grant Agreement Amount: \$14,050
Old Equipment: 2008 Toro diesel UTV 26.5hp (Tier 4i)
New Equipment: 2020 Toro electric UTV 10hp (electric)
Grant Cost-Effectiveness: \$42,122
Cost-Effectiveness Limit: No CE Limit for Electric UTV projects
Project Life: 7 Years
Project Emission Reductions: 0.490 tons (0.070 tons/yr)

Approved: 

Air Pollution Control Officer

Date: 28 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/22/2023
Grant Program: FARMER Year 5
Grant Program Funds: \$841,050
Category: Off-Road

PROJECT INFORMATION

Grantee: Boavista Farms (AP222331)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$45,000
Old Equipment: 1999 SAME Agricultural Tractor 96hp (Tier 1)
New Equipment: 2021 New Holand Agricultural Tractor 119hp (Tier 4F)
Grant Cost-Effectiveness: \$17,527
Cost-Effectiveness Limit: \$33,000
Project Life: 3 Years
Project Emission Reductions: 2.634 tons (0.878 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 22 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/28/2023
Grant Program: \$2 DMV
Grant Program Funds: \$1,500,000.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Santa Maria Valley Fume (AP222332)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$54,000
Old Equipment: 1996 John Deere Agricultural Tractor 84hp (Tier 0)
New Equipment: 2022 John Deere Agricultural Tractor 110hp (Tier 4F)
Grant Cost-Effectiveness: \$10,175
Cost-Effectiveness Limit: \$33,000
Project Life: 3 Years
Project Emission Reductions: 5.388 tons (1.796 tons/yr)

Approved: 

Air Pollution Control Officer

Date: 28 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 02/28/2023
Grant Program: \$2 DMV
Grant Program Funds: \$1,500,000.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Star Lane & Dierberg (AP222333)
Project Location: Santa Ynez Valley
Grant Agreement Amount: \$19,000
Old Equipment: 2001 John Deere Agricultural Tractor 89hp (Tier 1)
New Equipment: 2022 Kubota Agricultural Tractor 98hp (Tier 4F)
Grant Cost-Effectiveness: \$22,698
Cost-Effectiveness Limit: \$33,000
Project Life: 3 Years
Project Emission Reductions: 0.843 tons (0.281 tons/yr)

Approved: 

Air Pollution Control Officer

Date: 28 Feb 2023

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer

Staff Contact: Mike McKay

Date: 02/28/2023

Grant Program: FARMER Year 5

Grant Program Funds: \$841,050

Category: Off-Road

PROJECT INFORMATION

Grantee: Freshway Farms (AP222338)

Project Location: Santa Maria Valley

Grant Agreement Amount: \$39,000

Old Equipment: 1999 Ford Agricultural Tractor 115hp (Tier 1)

New Equipment: 2021 John Deere Agricultural Tractor 100hp (Tier 4F)

Grant Cost-Effectiveness: \$23,359

Cost-Effectiveness Limit: \$33,000

Project Life: 3 Years

Project Emission Reductions: 1.743 tons (0.581 tons/yr)

Approved: 

Air Pollution Control Officer

Date: 28 Feb 2023

Please contact the Board Clerk to review this grant agreement