




air pollution control district
SANTA BARBARA COUNTY

Agenda Item: E-2
Agenda Date: May 16, 2024
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 grant program related activity:

1. An update on the Old Car Buy Back Program for vehicles retired during the period of March 1, 2024 through April 30, 2024; and
2. Summary of the emission-reduction grant agreements approved by the Air Pollution Control Officer for the period of March 1, 2024 through April 30, 2024, in accordance with Board Resolution Number 20-13.

DISCUSSION:

This item provides an update on grant programs and activities that 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.

For the 2023 Clean Air Grants Program, the District is currently implementing 46 projects throughout Santa Barbara County with approximately \$3.5 million in CARB grant funds and \$2 DMV surcharge revenue. These 46 projects include off-road equipment replacements, marine engine repowers, electric school bus fleet expansion, and alternative vehicle fueling infrastructure purchase and installation. Projects were primarily ranked based on location within a disadvantaged or low-income community as defined by the CalEnviroScreen map (<https://webmaps.arb.ca.gov/PriorityPopulations/>) and their CalEnviroScreen score (<https://experience.arcgis.com/experience/6b863505f9454cea802f4be0b4b49d62/>).

Aeron Arlin Genet, Air Pollution Control Officer

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 260 N. San Antonio Rd., Ste. A Santa Barbara, CA 93110

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The attached Grant Agreement Approval Forms summarize the 17 executed contracts signed in March and April 2024, and represent a total of \$1,169,000 in grant funding for projects to voluntarily reduce over 37 tons of air pollution [i.e., reactive organic compounds, (ROC), nitrogen oxides (NOx), and particulate matter (PM)] over the project lifetime.

ATTACHMENTS:

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

ATTACHMENT A

Old Car Buy Back Program Update

May 16, 2024

Santa Barbara County Air Pollution Control District
Board of Directors

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



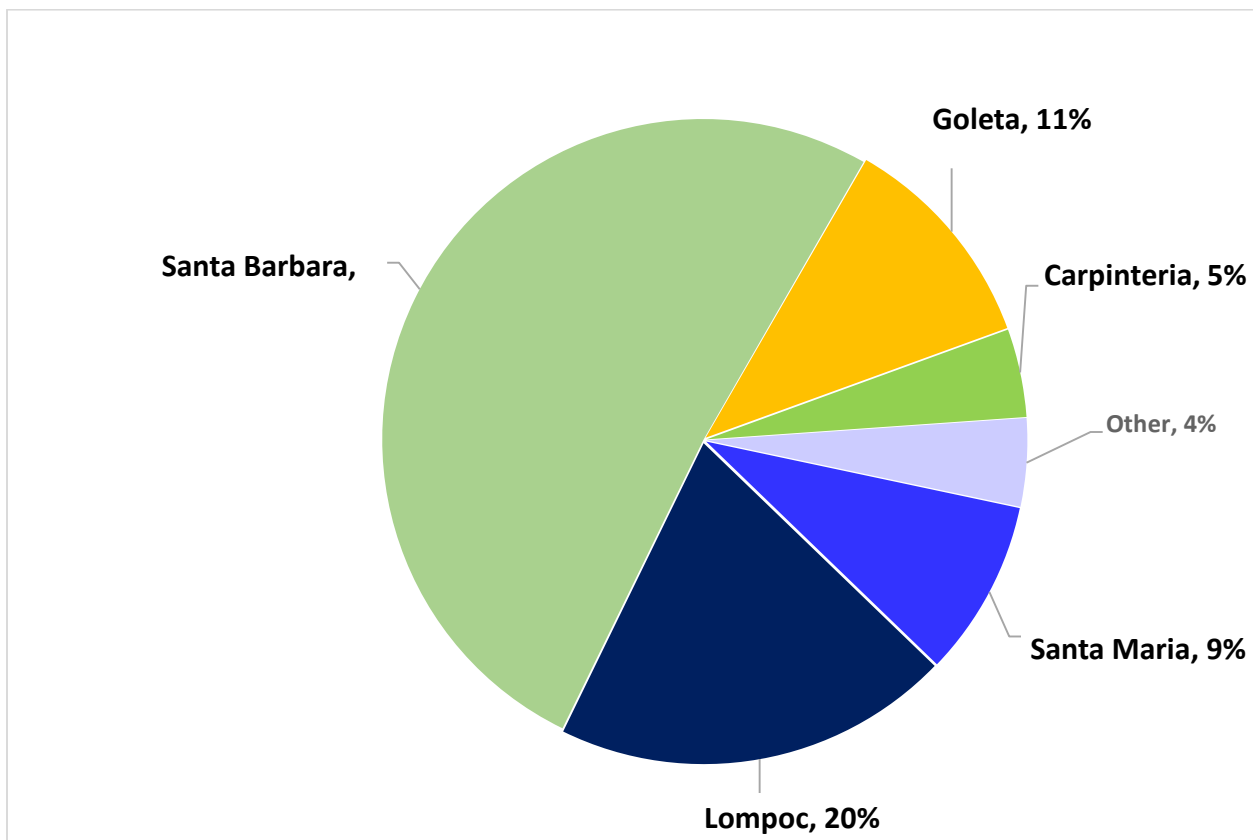
Old Car Buy Back Program Update

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		
	3/1/2024 – 4/30/2024	FY 2023-2024
Vehicles retired	11	45
Funds committed @ \$1,250/vehicle	\$13,750	\$56,250
Total tons reduced [NOx+ ROC + PM]	0.93	3.64
Average project cost-effectiveness	\$21,100/ton	\$21,926/ton

Vehicle Owner Location (FY 2023-2024)



ATTACHMENT B

Grant Agreement Approval Forms

May 16, 2024

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: Sydney Rouse
Date: 2/22/2024
Grant Program: CAP Year 6
Grant Program Funds: \$957,537.00
Category: Infrastructure

PROJECT INFORMATION

Grantee: Green Water and Power, LLC (AP232409)
Project Location: Santa Barbara
Grant Agreement Amount: \$180,000
New Equipment: Ten (10) single-port Level-2 electric vehicle charging stations
One (1) dual-port Level-3 electric vehicle charging station
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: 1 March 2024

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: 02/29/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Durant Harvesting (AP232437)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$85,000
Old Equipment: 2001 John Deere ag tractor 287hp (Tier 1)
New Equipment: New John Deere ag tractor 130hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$16,465
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 5.223 tons (1.741 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 1 March 2024

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: 02/29/2024
Grant Program: FARMER Year 6
Grant Program Funds: \$420,525.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Plantel Nurseries (AP232438)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$34,000
Old Equipment: 2004 John Deere ag tractor 100hp (Tier 2)
New Equipment: New John Deere ag tractor 130hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$26,698
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 1.269 tons (0.423 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 1 March 2024

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: 02/29/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$957,537.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Santa Maria Valley Fume (AP232439)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$100,000
Old Equipment: 2003 Challenger ag tractor 349hp (Tier 2)
New Equipment: New Challenger ag tractor 435hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$21,720
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 4.689 tons (1.563 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 1 March 2024

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Sydney Rouse
Date: 3/14/2024
Grant Program: \$2 DMV
Grant Program Funds: \$879,698
Category: Infrastructure

PROJECT INFORMATION

Grantee: City of Santa Barbara (AP232419)
Project Location: Santa Barbara
Grant Agreement Amount: \$156,000
New Equipment: Two (2) dual-port Level-3 electric vehicle 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: 20 March 2024

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: 03/26/2024
Grant Program: FARMER Year 6
Grant Program Funds: \$420,525.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Old Town Harvesting (AP232440)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$62,000
Old Equipment: 1988 Landini ag tractor 84hp (Tier 0)
New Equipment: New John Deere ag tractor 120hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$22,622
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 2.808 tons (0.936 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 26 March 2024

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: 03/26/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245.00
Category: Off-Road

PROJECT INFORMATION

Grantee: L&G Farming (AP232442)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$39,000
Old Equipment: 2010 John Deere ag tractor 105hp (Tier 3)
New Equipment: New John Deere ag tractor 100hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$27,496
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 1.440 tons (0.480 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 26 March 2024

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: 03/26/2024
Grant Program: FARMER Year 6
Grant Program Funds: \$420,525.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Velazquez Farm Labor Services (AP232443)
Project Location: Lompoc Valley
Grant Agreement Amount: \$45,000
Old Equipment: 1994 SAME ag tractor 90hp (Tier 0)
New Equipment: 2019 John Deere ag tractor 120hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$22,614
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 2.052 tons (0.684 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 26 March 2024

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: 04/02/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Ayala Grower Produce (AP232441)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$48,000
Old Equipment: 1990 SAME ag tractor 90hp (Tier 0)
New Equipment: New John Deere ag tractor 100hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$10,304
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 4.701 tons (1.567 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 2 April 2024

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: 04/04/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245.00
Category: Marine

PROJECT INFORMATION

Grantee: Charles Graham (AP232431)
Project Location: Santa Barbara Harbor
Grant Agreement Amount: \$96,000
Old Equipment: 1993 Caterpillar marine engine 350hp (Tier 0)
New Equipment: New Cummins marine engine 417hp (Tier 3)
Grant Cost-Effectiveness (\$/T): \$24,613
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 4.014 tons (1.338 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 9 April 2024

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: 04/09/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245.00
Category: Marine

PROJECT INFORMATION

Grantee: Castagnola Tug Service (AP232432)
Project Location: Santa Barbara Harbor
Grant Agreement Amount: \$10,000
Old Equipment: 2007 Northern Lights auxiliary marine engine 26hp (Tier 2)
New Equipment: New Northern Lights auxiliary marine engine 26hp (Tier 3)
Grant Cost-Effectiveness (\$/T): \$33,891
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 4 Years
Project Emission Reductions: 0.320 tons (0.080 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 9 April 2024

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: 04/04/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245.00
Category: Marine

PROJECT INFORMATION

Grantee: Jeff Wright (AP232434)
Project Location: Santa Barbara Harbor
Grant Agreement Amount: \$62,000
Old Equipment: 1985 Caterpillar marine engine 375hp (Tier 0)
New Equipment: New Yanmar marine engine 440hp (Tier 3)
Grant Cost-Effectiveness (\$/T): \$22,304
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 2 Years
Project Emission Reductions: 2.860 tons (1.430 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 9 April 2024

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: 04/09/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Tres Rios Harvesting (AP232444)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$50,000
Old Equipment: 1997 AGCO Allis ag tractor 80hp (Tier 0)
New Equipment: New John Deere ag tractor 100hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$18,215
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 2.814 tons (0.938 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 9 April 2024

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: 04/22/2024
Grant Program: Moyer Year 26
Grant Program Funds: \$828,245.00
Category: Marine

PROJECT INFORMATION

Grantee: Conner805 Corp (AP232435)
Project Location: Santa Barbara Harbor
Grant Agreement Amount: \$57,000
Old Equipment: Two 1996 Mercruiser propulsion engines 180hp (Tier 0)
New Equipment: One new Volvo Penta propulsion engine 270hp (Tier 3)
Grant Cost-Effectiveness (\$/T): \$25,608
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 2.270 tons (0.757 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 22 April 2024

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: 04/22/2024
Grant Program: FARMER Year 6
Grant Program Funds: \$420,525.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Javier Iruca Arreola (AP232445)
Project Location: Santa Ynez Valley
Grant Agreement Amount: \$63,000
Old Equipment: 1984 Fiat Hesston ag tractor 100hp (Tier 0)
New Equipment: New John Deere ag tractor 120hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$23,942
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 2.724 tons (0.908 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 22 April 2024

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Sydney Rouse
Date: 4/29/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245
Category: Infrastructure

PROJECT INFORMATION

Grantee: County of Santa Barbara (AP232417)
Project Location: Summerland
Grant Agreement Amount: \$70,000
New Equipment: One (1) dual-port Level-3 electric vehicle charging station
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: 30 April 2024

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

GRANT INFORMATION

To: Air Pollution Control Officer
Staff Contact: Sydney Rouse
Date: 4/29/2024
Grant Program: \$2 DMV
Grant Program Funds: \$879,698
Category: Infrastructure

PROJECT INFORMATION

Grantee: Patterson Point, L.P. (AP232422)
Project Location: Goleta
Grant Agreement Amount: \$12,000
New Equipment: Three (3) 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: 30 April 2024

Please contact the Board Clerk to review this grant agreement