




air pollution control district
SANTA BARBARA COUNTY

Agenda Item: E-2
Agenda Date: March 21, 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 January 1, 2024 through February 29, 2024;
2. A final update on the Landscape Equipment Electrification Fund (LEEF) Program Year 3 for zero-emission landscape equipment vouchers during the period of June 5, 2023 through February 29, 2024; and,
3. Summary of the emission-reduction grant agreements approved by the Air Pollution Control Officer for the period of January 1, 2024 through February 29, 2024, 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 LEEF Program final update includes applications received, vouchers issued, funds expended, and emission reductions achieved.

The District's 2022 Clean Air Grants Program awarded approximately \$4 million in California Air Resources Board (CARB) grant funds, (i.e., Carl Moyer Program, Community Air Protection Program, FARMER Program), and local \$2 DMV surcharge revenue, to 59 projects, 35 of which have been completed and 24 are all currently in the implementation phase.

Aeron Arlin Genet, Air Pollution Control Officer

 (805) 979-8050

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

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For the 2023 Clean Air Grants Program, the District is currently implementing 46 projects throughout Santa Barbara County with approximately \$3.5 million in both 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 being located 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/>).

Since the last Board of Directors meeting on January 18, 2024, the District has executed 20 grant agreements identified in the Grant Agreement Approval forms attached. This represents an allocation of \$1,411,000 in grant funding to projects that will voluntarily reduce over 96 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. Landscape Equipment Electrification Fund (LEEF) Final Update
- C. Grant Agreement Approval Forms

ATTACHMENT A

Old Car Buy Back Program Update

March 21, 2024

Santa Barbara County Air Pollution Control District
Board of Directors

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



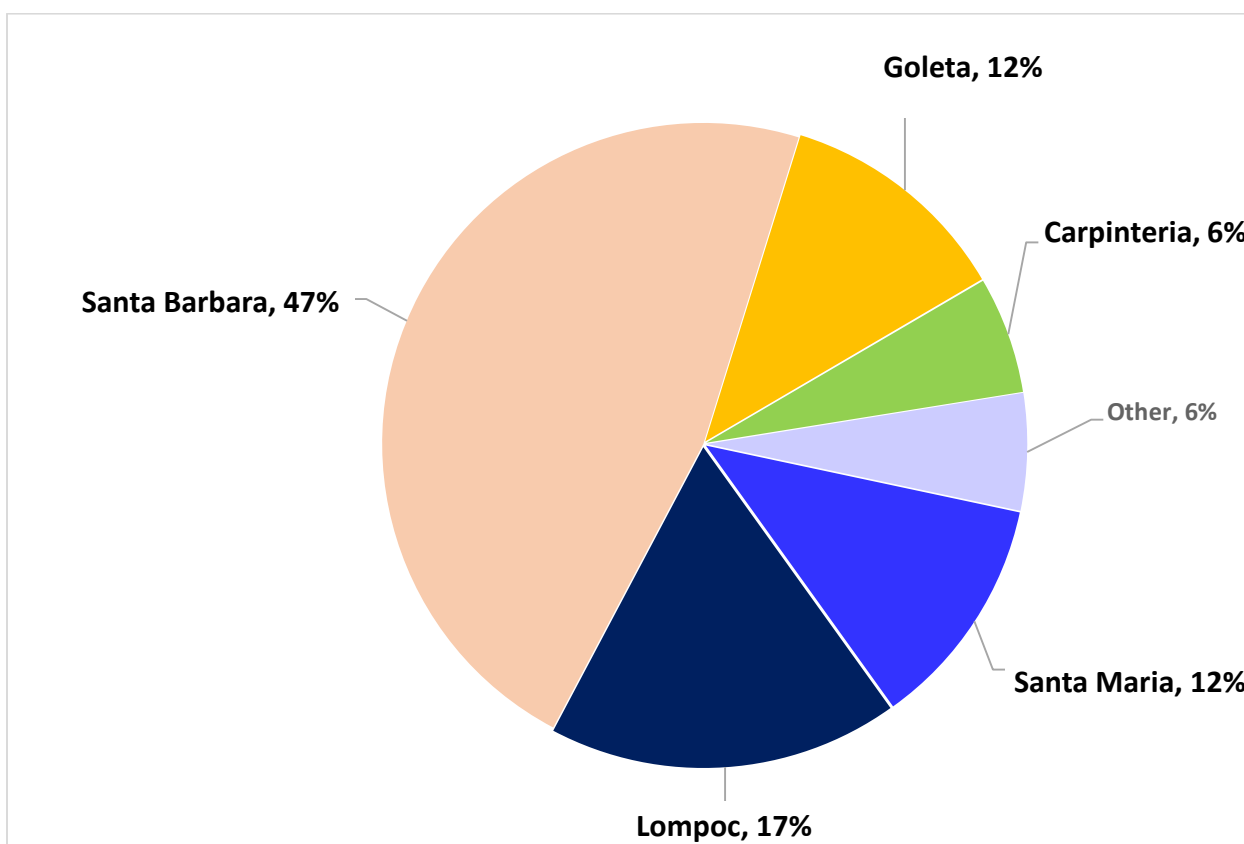
Old Car Buy Back Program Update

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		
	1/1/2024 – 2/29/2024	FY 2023-2024
Vehicles retired	8	34
Funds committed @ \$1,250/vehicle	\$10,000	\$42,500
Total tons reduced [NOx+ ROC + PM]	0.27	2.40
Average project cost-effectiveness	\$26,108/ton	\$22,125/ton

Vehicle Owner Location (FY 2023-2024)



ATTACHMENT B

Landscape Equipment Electrification Fund (LEEF) Final Update

March 21, 2024

Santa Barbara County Air Pollution Control District
Board of Directors

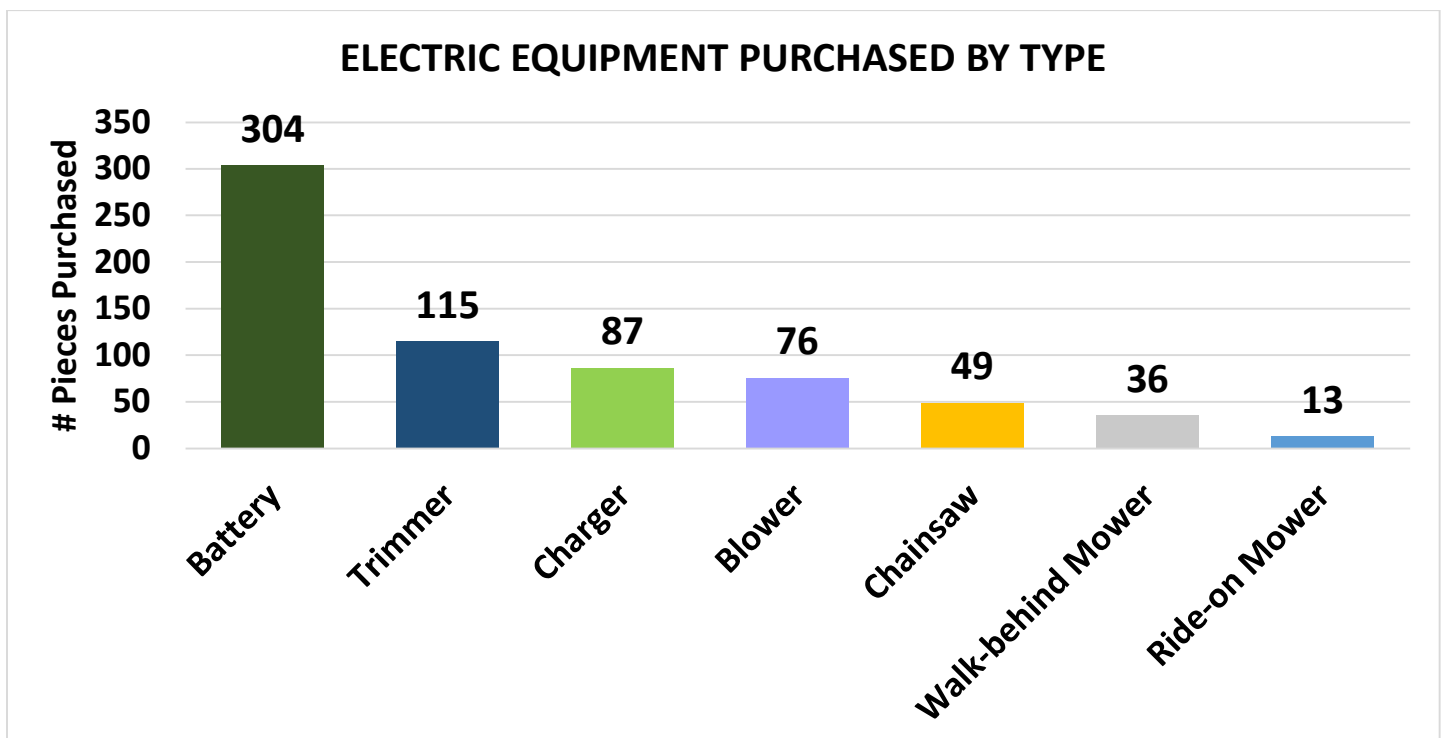
260 San Antonio Road, Suite A
Santa Barbara, California 93110



Landscape Equipment Electrification Fund (LEEF) Program Year 3 Final Results

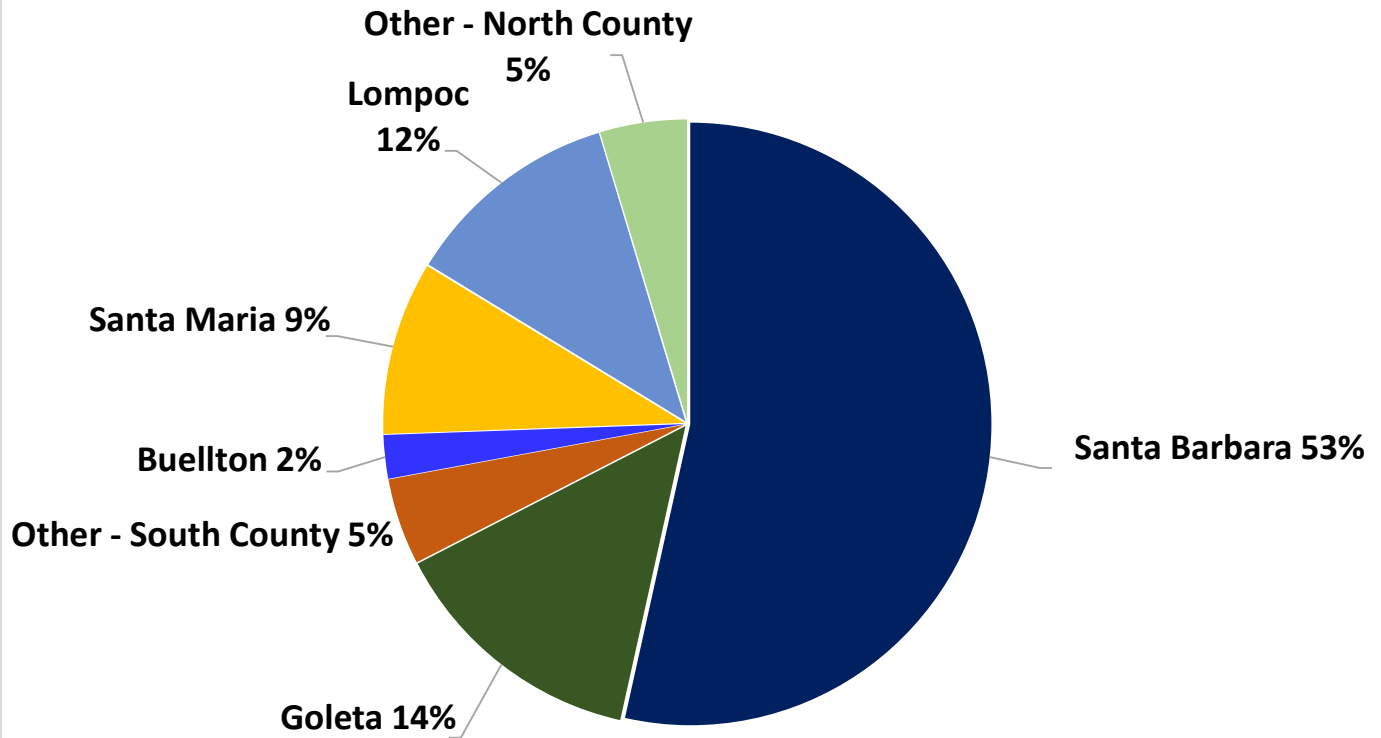
The LEEF Program offered vouchers for the trade-in of gasoline landscape equipment for zero-emission electric landscape equipment. Eligible participants included businesses, nonprofit organizations, public agencies, and schools that perform their own landscape maintenance services, and located in or conduct business within Santa Barbara County. Year 3 of the LEEF Program was funded with \$850,000 from the California Air Resources Board (\$743,750 for projects and \$106,250 for program administration). The vouchers covered a large portion of the purchase price for new equipment, including mowers, leaf blowers and vacuums, edgers, trimmers, chainsaws, pole saws, batteries, and chargers. Vouchers were issued on a first-come, first-served basis. The program helped reduce gasoline related 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.

LEEF Program Year 3 Voucher Incentives Final Results (June 5, 2023 – February 29, 2024)				
Organization Type	Applications Received	Vouchers Issued		Funds Expended
	Number	Number	Funds Issued	
Business	27	22	\$304,212	\$301,944
Public Agency	3	3	\$49,309	\$48,726
School	9	5	\$67,758	\$64,866
Non-profit	6	6	\$24,928	\$24,750
Total	45	36	\$446,206	\$440,307
Project Implementation Budget				\$743,750
Emission Reductions (ROC, NOx, PM10)				5,592 lbs/year





VOUCHER LOCATION



ATTACHMENT C

Grant Agreement Approval Forms

March 21, 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: Mike McKay
Date: 12/22/2023
Grant Program: CAP Year 6
Grant Program Funds: \$957,537.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Freshway Farms (AP232401)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$53,000
Old Equipment: 1992 Kubota ag tractor 81hp (Tier 0)
New Equipment: 2021 John Deere ag tractor 100hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$14,796
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 3.681 tons (1.227 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 2 Jan 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: 12/22/2023
Grant Program: CAP Year 6
Grant Program Funds: \$957,537.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Adam Bros Farming (AP232402)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$135,000
Old Equipment: 1993 Case ag tractor 144hp (Tier 0)
New Equipment: 2023 Fendt ag tractor 180hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$13,842
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 9.966 tons (3.322 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 2 Jan 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: 12/22/2023
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245
Category: Infrastructure

PROJECT INFORMATION

Grantee: Goleta Water District (AP232410)
Project Location: Santa Barbara
Grant Agreement Amount: \$43,000
New Equipment: Three (3) dual 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: 2 Jan 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: 01/04/2024
Grant Program: CAP Year 6
Grant Program Funds: \$957,537.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Contreras Farming (AP232403)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$76,000
Old Equipment: 2004 Kubota ag tractor 92hp (Tier 0)
New Equipment: 2023 John Deere ag tractor 100hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$25,504
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 3.042 tons (1.014 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 4 Jan 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: 01/03/2024
Grant Program: CAP Year 6
Grant Program Funds: \$957,537.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Rancho Guadalupe (AP232405)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$92,000
Old Equipment: 2003 John Deere ag tractor 110hp (Tier 0)
New Equipment: 2023 John Deere ag tractor 130hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$27,699
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 3.429 tons (1.143 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 4 Jan 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: 01/03/2024
Grant Program: CAP Year 6
Grant Program Funds: \$957,537.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Acquistpace Farms (AP232418)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$96,000
Old Equipment: 1996 Kubota ag tractor 88hp (Tier 0)
New Equipment: 2024 John Deere ag tractor 110hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$13,271
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 7.386 tons (2.462 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 4 Jan 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: 01/09/2024
Grant Program: CAP Year 6
Grant Program Funds: \$957,537.00
Category: Off-Road

PROJECT INFORMATION

Grantee: J&J Fields Cattle (AP232406)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$10,000
Old Equipment: 1962 Massey Ferguson tractor 65hp (Tier 0)
New Equipment: New Massey Ferguson tractor 75hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$32,938
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 0.350 tons (0.070 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 9 Jan 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: 1/8/2024
Grant Program: \$2 DMV
Grant Program Funds: \$766,698
Category: School Bus

PROJECT INFORMATION

Grantee: College School District (AP232414)
Project Location: Santa Ynez
Grant Agreement Amount: \$175,000
New Equipment: 2023 BYD Type D school bus - 2023 BYD electric engine
Grant Cost-Effectiveness: Not Applicable for School Bus Program
Cost-Effectiveness Limit: Not Applicable for School Bus Program
Project Life: 5 Years
Project Emission Reductions: Not Applicable for School Bus Program

Approved: 
Air Pollution Control Officer

Date: 9 Jan 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: 01/11/2024
Grant Program: CAP Year 6
Grant Program Funds: \$957,537.00
Category: Off-Road

PROJECT INFORMATION

Grantee: River Edge Farms (AP232404)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$43,000
Old Equipment: 2004 Kubota ag tractor 90hp (Tier 2)
New Equipment: New Kubota ag tractor 104hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$30,413
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 1.491 tons (0.497 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 12 Jan 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: 1/30/2024
Grant Program: CAP Year 6
Grant Program Funds: \$957,537.00
Category: Infrastructure

PROJECT INFORMATION

Grantee: Santa Barbara Landing, LLC (AP232415)
Project Location: Santa Barbara Harbor
Grant Agreement Amount: \$10,000
New Equipment: Two (2) new electrical meters for shore power
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: _____

6 Feb 24

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: 02/08/2024
Grant Program: FARMER Year 6
Grant Program Funds: \$420,525.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Boavista Farms (AP232423)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$50,000
Old Equipment: 1994 John Deere ag tractor 81hp (Tier 0)
New Equipment: 2021 New Holland ag tractor 118hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$6,637
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 7.680 tons (2.560 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 8 Feb 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: 02/08/24
Grant Program: FARMER Year 6
Grant Program Funds: \$450,525.00
Category: Off-Road

PROJECT INFORMATION

Grantee: DeBernardi Brothers (AP232425)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$52,000
Old Equipment: 1993 International forklift 54hp (Tier 0)
New Equipment: 2021 New Holland forklift 74hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$23,175
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 2.304 tons (0.768 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 8 Feb 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: 02/14/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Freitas Brothers Farms (AP232424)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$100,000
Old Equipment: 1999 John Deere ag tractor 225hp (Tier 1)
New Equipment: 2023 John Deere ag tractor 310hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$15,841
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 6.438 tons (2.146 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 14 Feb 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: 02/21/2024
Grant Program: CAP Year 6
Grant Program Funds: \$957,537.00
Category: Off-Road

PROJECT INFORMATION

Grantee: H&R Souza (AP232430)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$65,000
Old Equipment: 1991 John Deere ag tractor 225hp (Tier 0)
New Equipment: 2023 Kubota ag tractor 141hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$28,041
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 6 Years
Project Emission Reductions: 2.412 tons (0.402 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 21 Feb 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: 02/21/24
Grant Program: Moyer 25
Grant Program Funds: \$828,245.00
Category: Off-Road

PROJECT INFORMATION

Grantee: J&G Berry Farms (AP232427)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$117,000
Old Equipment (2 tractors): 1991 New Holland ag tractor 220hp (Tier 0)
2000 Caterpillar ag tractor 290hp (Tier 1)
New Equipment: 2023 John Deere ag tractor 470hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$5,747
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 20.763 tons (6.921 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 22 Feb 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: 02/27/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245.00
Category: Off-Road

PROJECT INFORMATION

Grantee: La Palma Farms (AP232426)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$52,000
Old Equipment: 1995 White ag tractor 100hp (Tier 0)
New Equipment: New John Deere ag tractor 100hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$6,078
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 8.754 tons (2.918 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 28 February 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: 02/27/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Buellton Farms (AP232428)
Project Location: Buellton
Grant Agreement Amount: \$40,000
Old Equipment: 1975 Oliver ag tractor 66hp (Tier 0)
New Equipment: New Kubota ag tractor 104hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$6,979
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 5.823 tons (1.941 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 28 Feb 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: 02/27/2024
Grant Program: CAP Year 6
Grant Program Funds: \$957,537.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Coastal Growers Supply (AP232429)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$36,000
Old Equipment: 2004 Kubota ag tractor 92hp (Tier 0)
New Equipment: New John Deere ag tractor 100hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$28,919
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 1.305 tons (0.435 tons/yr)

Approved: _____



Air Pollution Control Officer

Date: 28 Feb 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: 02/27/2024
Grant Program: FARMER Year 6
Grant Program Funds: \$420,525.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Perseverance Custom Harvesting (AP232433)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$62,000
Old Equipment: 1985 SAME ag tractor 85hp (Tier 0)
New Equipment: New John Deere ag tractor 105hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$11,423
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 5.511 tons (1.837 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 28 Feb 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: 02/27/2024
Grant Program: Moyer Year 25
Grant Program Funds: \$828,245.00
Category: Off-Road

PROJECT INFORMATION

Grantee: Legacy Growers (AP232436)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$104,000
Old Equipment: 1995 John Deere ag tractor 222hp (Tier 0)
New Equipment: New John Deere ag tractor 470hp (Tier 4F)
Grant Cost-Effectiveness (\$/T): \$17,084
Cost-Effectiveness Limit (\$/T): \$34,000
Project Life: 3 Years
Project Emission Reductions: 6.195 tons (2.065 tons/yr)

Approved: 
Air Pollution Control Officer

Date: 28 Feb 2024

Please contact the Board Clerk to review this grant agreement