

Agenda Date: May 18, 2017
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: Sara Hunt, Executive Assistant/Board Clerk (961-8853)

SUBJECT: District Grant Program Activity

RECOMMENDATION:

Receive and file the following:

- 1) Summary of the emission-reduction grant agreements approved by the Air Pollution Control Officer for the period of March 2, 2017 through May 3, 2017 in accordance with Board Resolution Number 09-14, including:
 - a. Plantel Nurseries – Off-Road Equipment Replacement Program;
 - b. Babe Farms – Off-Road Equipment Replacement Program;
 - c. Destiny Farms – Off-Road Equipment Replacement Program;
 - d. Thompson Vineyard – Off-Road Equipment Replacement Program;
 - e. Rancho Laguna Farms – Off-Road Equipment Replacement Program;
 - f. Acquistapace Farms – Off-Road Equipment Replacement Program; and
- 2) An update on the Old Car Buy Back Program for vehicles retired during the period of March 2, 2017 through May 1, 2017.

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, an updated grant fund allocation report by city for the District's Old Car Buy Back Program is being provided.

ATTACHMENTS:

- Grant Agreement Approval Forms (6)
- Old Car Buy Back Program Update

GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Jim Fredrickson
Date: April 4, 2017
Grant Program: Off-Road Equipment Replacement Program (Carl Moyer Program)

GRANT INFORMATION

Grantee: Plantel Nurseries
Grant Agreement Number: AP161701
Grant Agreement Amount: \$59,315
Existing Equipment: 1995 John Deere 6300 agricultural tractor w/Tier 0 engine
New Equipment: 2017 John Deere 6110M ag tractor w/Tier 4 Final engine
Grant Cost-Effectiveness: \$12,720/ton NO_x+ROC+PM₁₀
Program Limit: \$18,030/ton NO_x+ROC+PM₁₀
Project Life: 3 Years
Project Lifetime Emission Reductions: 4.85 tons NO_x+ROC+PM₁₀

PROGRAM INFORMATION

Approved Program Budget: \$3,500,000
Encumbered Grant Agreements: \$2,411,875 (Including current Grant)
Current Program Balance: \$1,088,125
Overall Program Cost-Effectiveness: \$11,468/ton NO_x+ROC+PM₁₀ (Including current Grant)

Approved: _____

Air Pollution Control Officer

Date: _____

4 April 17

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Jim Fredrickson
Date: April 12, 2017
Grant Program: Off-Road Equipment Replacement Program (Carl Moyer Program)

GRANT INFORMATION

Grantee: Babe Farms
Grant Agreement Number: AP161702
Grant Agreement Amount: \$70,625
Existing Equipment: 1994 John Deere 4960 agricultural tractor w/Tier 0 engine
New Equipment: 2016 John Deere 6145M ag tractor w/Tier 4 Final engine
Grant Cost-Effectiveness: \$11,216/ton NO_x+ROC+PM₁₀
Program Limit: \$18,030/ton NO_x+ROC+PM₁₀
Project Life: 3 Years
Project Lifetime Emission Reductions: 6.55 tons NO_x+ROC+PM₁₀

PROGRAM INFORMATION

Approved Program Budget: \$3,500,000
Encumbered Grant Agreements: \$2,669,350 (Including current Grant)
Current Program Balance: \$ 830,650
Overall Program Cost-Effectiveness: \$11,169/ton NO_x+ROC+PM₁₀ (Including current Grant)

Approved: _____

Air Pollution Control Officer

Date: 17 April 17

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Jim Fredrickson
Date: April 4, 2017
Grant Program: Off-Road Equipment Replacement Program (Carl Moyer Program)

GRANT INFORMATION

Grantee: Destiny Farms
Grant Agreement Number: AP161703
Grant Agreement Amount: \$70,625
Existing Equipment: 2004 John Deere 8520T agricultural tractor w/Tier 2 engine
New Equipment: 2016 John Deere 8345R ag tractor w/Tier 4 Final engine
Grant Cost-Effectiveness: \$11,049/ton NO_x+ROC+PM₁₀
Program Limit: \$18,030/ton NO_x+ROC+PM₁₀
Project Life: 3 Years
Project Lifetime Emission Reductions: 6.65 tons NO_x+ROC+PM₁₀

PROGRAM INFORMATION

Approved Program Budget: \$3,500,000
Encumbered Grant Agreements: \$2,482,500 (Including current Grant)
Current Program Balance: \$1,017,500
Overall Program Cost-Effectiveness: \$11,442/ton NO_x+ROC+PM₁₀ (Including current Grant)

Approved: _____


Air Pollution Control Officer

Date: 4 April 17

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GRANT AGREEMENT APPROVAL FORM


To: Air Pollution Control Officer
Staff Contact: Jim Fredrickson
Date: April 12, 2017
Grant Program: Off-Road Equipment Replacement Program (Carl Moyer Program)

GRANT INFORMATION

Grantee: Thompson Vineyard
Grant Agreement Number: AP161704
Grant Agreement Amount: \$20,125
Existing Equipment: 1994 John Deere 5200 agricultural tractor w/Tier 0 engine
New Equipment: 2017 John Deere 5055E ag tractor w/Tier 4 Final engine
Grant Cost-Effectiveness: \$16,983/ton NO_x+ROC+PM₁₀
Program Limit: \$18,030/ton NO_x+ROC+PM₁₀
Project Life: 4 Years
Project Lifetime Emission Reductions: 1.25 tons NO_x+ROC+PM₁₀

PROGRAM INFORMATION

Approved Program Budget: \$3,500,000
Encumbered Grant Agreements: \$2,689,475 (Including current Grant)
Current Program Balance: \$ 810,525
Overall Program Cost-Effectiveness: \$11,195/ton NO_x+ROC+PM₁₀ (Including current Grant)

Approved:  Air Pollution Control Officer	Date: 17 April 17
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GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Jim Fredrickson
Date: April 4, 2017
Grant Program: Off-Road Equipment Replacement Program (Carl Moyer Program)

GRANT INFORMATION

Grantee: Rancho Laguna Farms
Grant Agreement Number: AP161705
Grant Agreement Amount: \$45,600
Existing Equipment: 1985 SAME RC85 agricultural tractor w/Tier 0 engine
New Equipment: 2015 Case 85C agricultural tractor w/Tier 4 Final engine
Grant Cost-Effectiveness: \$4,658/ton NO_x+ROC+PM₁₀
Program Limit: \$18,030/ton NO_x+ROC+PM₁₀
Project Life: 3 Years
Project Lifetime Emission Reductions: 10.18 tons NO_x+ROC+PM₁₀

PROGRAM INFORMATION

Approved Program Budget: \$3,500,000
Encumbered Grant Agreements: \$2,528,100 (Including current Grant)
Current Program Balance: \$ 971,900
Overall Program Cost-Effectiveness: \$11,130/ton NO_x+ROC+PM₁₀ (Including current Grant)

Approved: _____

Air Pollution Control Officer

Date: _____

4 April 17

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GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Jim Fredrickson
Date: April 4, 2017
Grant Program: Off-Road Equipment Replacement Program (Carl Moyer Program)

GRANT INFORMATION

Grantee: Acquistapace Farms
Grant Agreement Number: AP161706
Grant Agreement Amount: \$70,625
Existing Equipment: 1985 John Deere agricultural tractor w/Tier 0 engine
New Equipment: 2017 John Deere 8345R ag tractor w/Tier 4 Final engine
Grant Cost-Effectiveness: \$13,840/ton NO_x+ROC+PM₁₀
Program Limit: \$18,030/ton NO_x+ROC+PM₁₀
Project Life: 3 Years
Project Lifetime Emission Reductions: 5.31 tons NO_x+ROC+PM₁₀

PROGRAM INFORMATION

Approved Program Budget: \$3,500,000
Encumbered Grant Agreements: \$2,598,725 (Including current Grant)
Current Program Balance: \$ 901,275
Overall Program Cost-Effectiveness: \$11,180/ton NO_x+ROC+PM₁₀ (Including current Grant)

Approved: _____

Air Pollution Control Officer

Date: _____

4 April 17

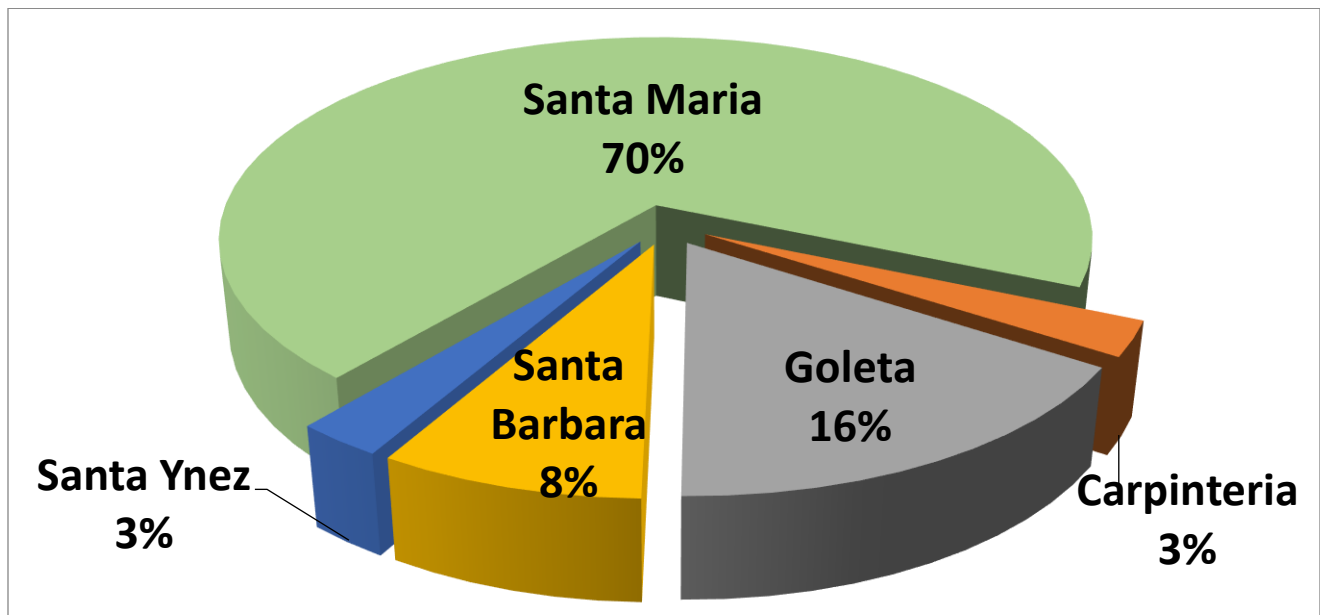
Please contact the Board Clerk to review this grant agreement

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 1994 or older light or medium duty car, truck, van, or SUV. The program accelerates the improvement of air quality by removing high polluting vehicles from the fleet quicker than normal attrition. Funding for the program is derived from DMV registration surcharge revenue and Carl Moyer Program funds.

VEHICLES RETIRED: MARCH 2, 2017 THROUGH MAY 1, 2017	38
\$ EXPENDED:	\$45,600
TOTAL PROJECT TONS REDUCED [NOx-ROC-PM]:	4.12

VEHICLE OWNER LOCATION *



*For vehicles retired only from March 2, 2017 – May 1, 2017

No vehicle purchase invoices were received from the Lompoc dismantler during this period.