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

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 NOx+ROC+PM10

Program Limit: $18,030/ton NOx+ROC+PM10

Project Life: 3 Years

Project Lifetime Emission Reductions: 4.85 tons NOx+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 NOx+ROC+PM10 (Including current Grant)

Approved: [Signature]

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 NOx+ROCe+PM_{10}
Program Limit: $18,030/ton NOx+ROCe+PM_{10}
Project Life: 3 Years
Project Lifetime Emission Reductions: 6.55 tons NOx+ROCe+PM_{10}

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 NOx+ROCe+PM_{10} (Including current Grant)

Approved: [Signature]
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: $11,049/ton NOx+ROC+PM$_{10}$
Program Limit: $18,030/ton NOx+ROC+PM$_{10}$
Project Life: 3 Years
Project Lifetime Emission Reductions: 6.65 tons NOx+ROC+PM$_{10}$

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: $11,442/ton NOx+ROC+PM$_{10}$ (Including current Grant)

Approved: [Signature]
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: 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 NOx+ROC+PM_{10}

Program Limit: $18,030/ton NOx+ROC+PM_{10}

Project Life: 4 Years

Project Lifetime Emission Reductions: 1.25 tons NOx+ROC+PM_{10}

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 NOx+ROC+PM_{10} (Including current Grant)

Approved: Air Pollution Control Officer

Date: 17 April 17

Please contact the Board Clerk to review this grant agreement
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: $4,658/ton NOx+ROC+PM$_{10}$
Program Limit: $18,030/ton NOx+ROC+PM$_{10}$
Project Life: 3 Years
Project Lifetime Emission Reductions: 10.18 tons NOx+ROC+PM$_{10}$

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: $11,130/ton NOx+ROC+PM$_{10}$ (Including current Grant)

Approved: [Signature]
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 4, 2017

Grant Program: Off-Road Equipment Replacement Program (Carl Moyer Program)

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**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 NOx+ROC+PM10

Program Limit: $18,030/ton NOx+ROC+PM10

Project Life: 3 Years

Project Lifetime Emission Reductions: 5.31 tons NOx+ROC+PM10

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**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 NOx+ROC+PM10 (Including current Grant)

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Approved: [Signature]  Date: 4 April 17

Air Pollution Control Officer

Please contact the Board Clerk to review this grant agreement
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**

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**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.