

Agenda Date: June 15, 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 a summary of the emission-reduction grant agreements approved by the Air Pollution Control Officer for the period of May 4, 2017 through May 31, 2017 in accordance with Board Resolution Number 09-14, including:

- 1) Rancho Laguna Farms – Off-Road Equipment Replacement Program (*Amendment*);
- 2) Devin Grace – Marine Diesel Engine Repower Program; and
- 3) Castagnola Tug Service – Marine Diesel Engine Repower Program.

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 (3)

GRANT AGREEMENT AMENDMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Jim Fredrickson
Date: ~~April 4, 2017~~ May 16, 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 \$42,875
Existing Equipment: 1985 SAME RC85 agricultural tractor w/Tier 0 engine
New Equipment: 2015 Case Kubota agricultural tractor w/Tier 4 Final engine
Grant Cost-Effectiveness: \$4,658/ton \$4,387/ton NOx+ROC+PM₁₀
Program Limit: \$18,030/ton NOx+ROC+PM₁₀
Project Life: 3 Years
Project Lifetime Emission Reductions: ~~40.18~~ 10.17 tons NOx+ROC+PM₁₀

PROGRAM INFORMATION

Approved Program Budget: \$3,500,000
Encumbered Grant Agreements: \$2,528,100 \$2,686,750 (Including current Grant)
Current Program Balance: \$ ~~971,900~~ \$813,250
Overall Program Cost-Effectiveness: \$11,130/ton \$11,184/ton NOx+ROC+PM₁₀

Approved: _____

Air Pollution Control Officer

Date: 31 May 17

Grant Agreement AP161705 was originally approved on April 4, 2015. The above summarizes amendments made and approved by the APCO after that date. Please contact the Board Clerk to review this grant agreement and/or amendment.

GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Jim Fredrickson
Date: May 4, 2017
Grant Program: Marine Diesel Engine Repower Program (Carl Moyer Program)

GRANT INFORMATION

Grantee: Devin Grace (*Fishing Vessel E&T*)
Grant Agreement Number: AP161707
Grant Agreement Amount: \$70,850
Existing Engine: 2000 Caterpillar 350 Hp Tier 0 engine
New Engine: 2016 Cummins 405 Hp Tier 3 engine
Grant Cost-Effectiveness: \$15,459/ton NO_x+ROC+PM₁₀
Program Limit: \$18,030/ton NO_x+ROC+PM₁₀
Project Life: 5 Years
Project Lifetime Emission Reductions: 4.86 tons NO_x+ROC+PM₁₀

PROGRAM INFORMATION

Approved Program Budget: \$3,000,000
Encumbered Grant Agreements: \$2,252,574 (Including current Grant)
Current Program Balance: \$ 747,426
Overall Program Cost-Effectiveness: \$9,346/ton NO_x+ROC+PM₁₀ (Including current Grant)

Approved: _____

Air Pollution Control Officer

Date: _____

8 May 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: May 24, 2017
Grant Program: Marine Diesel Engine Repower Program (Carl Moyer Program)

GRANT INFORMATION

Grantee: Castagnola Tug Service (*Marine Vessel Danny C*)
Grant Agreement Number: AP161708
Grant Agreement Amount: \$75,000
Existing Engines: Two 2001 Caterpillar 365 Hp Tier 0 engines
New Engines: Two 2017 Cummins 405 Hp Tier 3 engines
Grant Cost-Effectiveness: \$15,306/ton NO_x+ROC+PM₁₀
Program Limit: \$18,030/ton NO_x+ROC+PM₁₀
Project Life: 4 Years
Project Lifetime Emission Reductions: 5.15 tons NO_x+ROC+PM₁₀

PROGRAM INFORMATION

Approved Program Budget: \$3,000,000
Encumbered Grant Agreements: \$2,327,574 (Including current Grant)
Current Program Balance: \$ 672,426
Overall Program Cost-Effectiveness: \$9,456/ton NO_x+ROC+PM₁₀ (Including current Grant)

Approved: _____

Air Pollution Control Officer

Date: 31 May 17

Please contact the Board Clerk to review this grant agreement