

Agenda Date: March 15, 2018  
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 (805-961-8853)

SUBJECT: District Grant Program Activity

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### 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 January 4, 2018 through February 28, 2018 in accordance with Board Resolution Number 09-14, including:
  - a. Boavista Farms – Off-Road Equipment Replacement Program;
  - b. Swift Ranch – Off-Road Equipment Replacement Program;
  - c. Cliff Kent – Marine Diesel Engine Repower Program;
  - d. Innovative Produce – Off-Road Equipment Replacement Program; and
- 2) An update on the Old Car Buy Back Program for vehicles retired during the period of November 1, 2017 through January 1, 2018.

### 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
- Old Car Buy Back Program Update

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer  
**Staff Contact:** Jim Fredrickson  
**Date:** February 16, 2018  
**Grant Program:** Off-Road Equipment Replacement Program (Carl Moyer Program)

## GRANT INFORMATION

**Grantee:** Boavista Farms  
**Grant Agreement Number:** AP171810  
**Grant Agreement Amount:** \$75,000  
**Existing Equipment:** 1996 John Deere agricultural tractor w/Tier 0 engine  
**New Equipment:** 2017 New Holland T8.320 ag tractor w/Tier 4 Final engine  
**Grant Cost-Effectiveness:** \$12,101/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Program Limit:** \$18,030/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Project Life:** 3 Years  
**Project Lifetime Emission Reductions:** 6.45 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,500,000  
**Encumbered Grant Agreements:** \$2,761,750 (Including current Grant)  
**Current Program Balance:** \$ 738,250  
**Overall Program Cost-Effectiveness:** \$11,248/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

Approved: \_\_\_\_\_

Air Pollution Control Officer

Date: \_\_\_\_\_

21 Feb 18

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM


**To:** Air Pollution Control Officer  
**Staff Contact:** Jim Fredrickson  
**Date:** February 16, 2018  
**Grant Program:** Off-Road Equipment Replacement Program (Carl Moyer Program)

## GRANT INFORMATION

**Grantee:** Swift Ranch  
**Grant Agreement Number:** AP171811  
**Grant Agreement Amount:** \$38,512  
**Existing Equipment:** 1995 Massey Ferguson agricultural tractor w/Tier 0 engine  
**New Equipment:** 2017 John Deere 5085M ag. tractor w/Tier 4 Final engine  
**Grant Cost-Effectiveness:** \$14,769/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Program Limit:** \$18,030/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Project Life:** 3 Years  
**Project Lifetime Emission Reductions:** 2.71 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,500,000  
**Encumbered Grant Agreements:** \$2,800,262 (Including current Grant)  
**Current Program Balance:** \$ 699,738  
**Overall Program Cost-Effectiveness:** \$11,228/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

<b>Approved:</b>  Air Pollution Control Officer	<b>Date:</b> 21 Feb 18
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# GRANT AGREEMENT APPROVAL FORM


**To:** Air Pollution Control Officer  
**Staff Contact:** Jim Fredrickson  
**Date:** February 16, 2018  
**Grant Program:** Marine Diesel Engine Repower Program (Carl Moyer Program)

## GRANT INFORMATION

**Grantee:** Cliff Kent (*Marine Vessel Gone Madd*)  
**Grant Agreement Number:** AP171812  
**Grant Agreement Amount:** \$39,822  
**Existing Engine:** 1996 Yanmar 315 Hp Tier 0 engine  
**New Engine:** 2017 Yanmar 400 Hp Tier 3 engine  
**Grant Cost-Effectiveness:** \$18,030/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Program Limit:** \$18,030/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Project Life:** 5 Years  
**Project Lifetime Emission Reductions:** 2.34 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,000,000  
**Encumbered Grant Agreements:** \$2,367,396 (Including current Grant)  
**Current Program Balance:** \$ 632,604  
**Overall Program Cost-Effectiveness:** \$9,527/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

<b>Approved:</b>  Air Pollution Control Officer	<b>Date:</b> <u>21 Feb 18</u>
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# GRANT AGREEMENT APPROVAL FORM


**To:** Air Pollution Control Officer  
**Staff Contact:** Jim Fredrickson  
**Date:** February 16, 2018  
**Grant Program:** Off-Road Equipment Replacement Program (Carl Moyer Program)

## GRANT INFORMATION

**Grantee:** Innovative Produce  
**Grant Agreement Number:** AP171814  
**Grant Agreement Amount:** \$75,000  
**Existing Equipment:** 1998 John Deere 7610 agricultural tractor w/Tier 1 engine  
**New Equipment:** 2018 John Deere 6175M ag. tractor w/Tier 4 Final engine  
**Grant Cost-Effectiveness:** \$17,965/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Program Limit:** \$18,030/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Project Life:** 4 Years  
**Project Lifetime Emission Reductions:** 4.39 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,500,000  
**Encumbered Grant Agreements:** \$2,875,262 (Including current Grant)  
**Current Program Balance:** \$ 624,738  
**Overall Program Cost-Effectiveness:** \$11,330/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

<b>Approved:</b>  Air Pollution Control Officer	<b>Date:</b> <u>21 Feb 18</u>
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## OLD CAR BUY BACK PROGRAM UPDATE

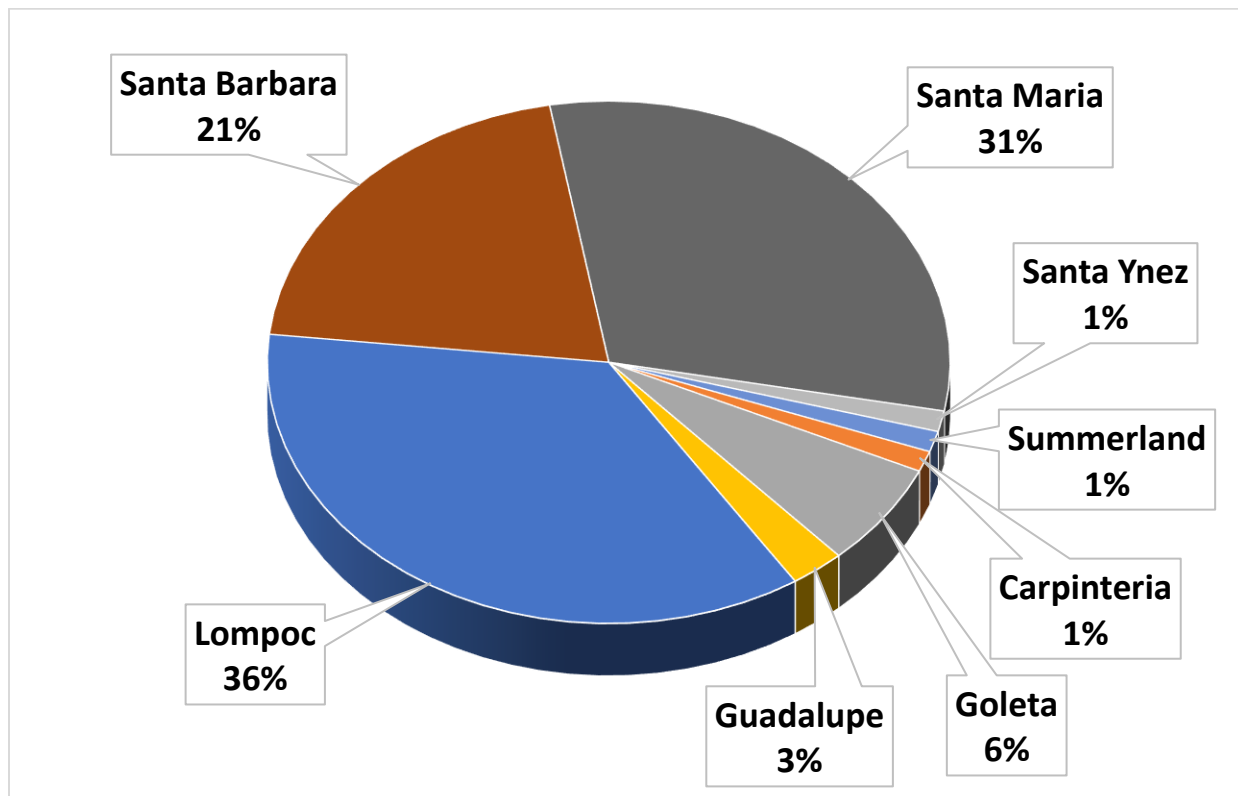
The District's Old Car Buy Back Program currently pays Santa Barbara County vehicle owners \$1,000 to voluntarily retire their fully legal and operational 1994 or older light or medium duty car, truck, van, or SUV.

The three regional dismantlers earned \$250 to retire each vehicle. Currently the total program cost is \$1,250 to retire each vehicle.

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.

<b>VEHICLES RETIRED: NOVEMBER 1, 2017 THROUGH JANUARY 1, 2018</b>	<b>78</b>
<b>\$ EXPENDED: [78 VEHICLES @ \$1,250/VEHICLE]</b>	<b>\$97,500</b>
<b>TOTAL PROJECT TONS REDUCED [NOX + ROC + PM]:</b>	<b>7.34</b>

### VEHICLE OWNER LOCATION \*



\*For vehicles retired only from November 1, 2017 – January 1, 2018