

Agenda Date: May 17, 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 March 1, 2018 through April 30, 2018 in accordance with Board Resolution Number 09-14, including:
  - a. Lompoc Unified School District – Lower Emission School Bus Program (Carl Moyer Program Year 19 State Reserve) [Six grant agreements];
  - b. Durant Harvesting – Off-Road Equipment Replacement Program;
  - c. Rancho Laguna Farms – Off-Road Equipment Replacement Program;
  - d. Coastal Vineyard Care Associates – Off-Road Equipment Replacement Program;
  - e. Santa Barbara Metropolitan Transit District – Electric Vehicle Charging Station Infrastructure Program;
  - f. Goleta Water District – Electric Vehicle Charging Station Infrastructure Program; and
- 2) An update on the Old Car Buy Back Program for vehicles retired during the period of January 1, 2018 through February 28, 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:** March 22, 2018  
**Grant Program:** Lower Emission School Bus Program (Carl Moyer Program Year 19 State Reserve)

## GRANT INFORMATION

**Grantee:** Lompoc Unified School District  
**Grant Agreement Number:** AP171802  
**Grant Agreement Amount:** \$90,413  
**Existing Equipment:** 1990 Crown school bus - #15  
**New Equipment:** 2018 Blue Bird school bus (diesel fueled)  
**Grant Cost-Effectiveness:** \$134,228  
**Program Limit:** \$276,230  
**Project Life:** 5 Years  
**Project Lifetime Emission Reductions:** 0.71

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,759,228  
**Encumbered Grant Agreements:** \$2,816,538 (Including current Grant)  
**Current Program Balance:** \$ 942,690  
**Overall Program Cost-Effectiveness:** Not applicable

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

Air Pollution Control Officer

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

22 Mar 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:** March 22, 2018  
**Grant Program:** Lower Emission School Bus Program (Carl Moyer Program Year 19 State Reserve)

## GRANT INFORMATION

**Grantee:** Lompoc Unified School District  
**Grant Agreement Number:** AP171803  
**Grant Agreement Amount:** \$90,413  
**Existing Equipment:** 1986 Crown school bus - #32  
**New Equipment:** 2018 Blue Bird school bus (CNG fueled)  
**Grant Cost-Effectiveness:** \$181,683  
**Program Limit:** \$276,230  
**Project Life:** 5 Years  
**Project Lifetime Emission Reductions:** 0.55

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,759,228  
**Encumbered Grant Agreements:** \$2,906,951 (Including current Grant)  
**Current Program Balance:** \$ 852,277  
**Overall Program Cost-Effectiveness:** Not applicable

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

Air Pollution Control Officer

Date: 22 Mar 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:** March 22, 2018  
**Grant Program:** Lower Emission School Bus Program (Carl Moyer Program Year 19 State Reserve)

## GRANT INFORMATION

**Grantee:** Lompoc Unified School District  
**Grant Agreement Number:** AP171804  
**Grant Agreement Amount:** \$90,413  
**Existing Equipment:** 1987 Crown school bus - #1  
**New Equipment:** 2018 Blue Bird school bus (CNG fueled)  
**Grant Cost-Effectiveness:** \$181,683  
**Program Limit:** \$276,230  
**Project Life:** 5 Years  
**Project Lifetime Emission Reductions:** 0.55

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,759,228  
**Encumbered Grant Agreements:** \$2,997,364 (Including current Grant)  
**Current Program Balance:** \$ 761,864  
**Overall Program Cost-Effectiveness:** Not applicable

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

Air Pollution Control Officer

Date: 22 Mar 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:** March 22, 2018  
**Grant Program:** Lower Emission School Bus Program (Carl Moyer Program Year 19 State Reserve)

## GRANT INFORMATION

**Grantee:** Lompoc Unified School District  
**Grant Agreement Number:** AP171805  
**Grant Agreement Amount:** \$90,413  
**Existing Equipment:** 1988 Crown school bus - #21  
**New Equipment:** 2018 Blue Bird school bus (CNG fueled)  
**Grant Cost-Effectiveness:** \$188,284  
**Program Limit:** \$276,230  
**Project Life:** 5 Years  
**Project Lifetime Emission Reductions:** 0.51

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,759,228  
**Encumbered Grant Agreements:** \$3,087,777 (Including current Grant)  
**Current Program Balance:** \$ 671,451  
**Overall Program Cost-Effectiveness:** Not applicable

<b>Approved:</b>  Air Pollution Control Officer	<b>Date:</b> 22 Mar 18
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Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer  
**Staff Contact:** Jim Fredrickson  
**Date:** March 22, 2018  
**Grant Program:** Lower Emission School Bus Program (Carl Moyer Program Year 19 State Reserve)

## GRANT INFORMATION

**Grantee:** Lompoc Unified School District  
**Grant Agreement Number:** AP171806  
**Grant Agreement Amount:** \$90,413  
**Existing Equipment:** 1988 Crown school bus - #14  
**New Equipment:** 2018 Blue Bird school bus (CNG fueled)  
**Grant Cost-Effectiveness:** \$188,284  
**Program Limit:** \$276,230  
**Project Life:** 5 Years  
**Project Lifetime Emission Reductions:** 0.51

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,759,228  
**Encumbered Grant Agreements:** \$3,178,190 (Including current Grant)  
**Current Program Balance:** \$ 581,038  
**Overall Program Cost-Effectiveness:** Not applicable

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

Air Pollution Control Officer

Date: 22 Mar 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:** March 22, 2018  
**Grant Program:** Lower Emission School Bus Program (Carl Moyer Program Year 19 State Reserve)

## GRANT INFORMATION

**Grantee:** Lompoc Unified School District  
**Grant Agreement Number:** AP171807  
**Grant Agreement Amount:** \$90,413  
**Existing Equipment:** 1990 Crown school bus - #40  
**New Equipment:** 2018 Blue Bird school bus (CNG fueled)  
**Grant Cost-Effectiveness:** \$188,284  
**Program Limit:** \$276,230  
**Project Life:** 5 Years  
**Project Lifetime Emission Reductions:** 0.51

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,759,228  
**Encumbered Grant Agreements:** \$3,268,603 (Including current Grant)  
**Current Program Balance:** \$ 490,625  
**Overall Program Cost-Effectiveness:** Not applicable

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

Air Pollution Control Officer

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

22 Mar 18

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

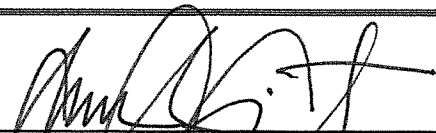
**To:** Air Pollution Control Officer  
**Staff Contact:** Jim Fredrickson  
**Date:** March 6, 2018  
**Grant Program:** Off-Road Equipment Replacement Program (Carl Moyer Program)

## GRANT INFORMATION

**Grantee:** Durant Harvesting  
**Grant Agreement Number:** AP171808  
**Grant Agreement Amount:** \$75,000  
**Existing Equipment:** 1998 John Deere 8400 agricultural tractor w/Tier 1 engine  
**New Equipment:** 2016 John Deere 6175R ag. tractor w/Tier 4 Final engine  
**Grant Cost-Effectiveness:** \$11,230/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:** 6.95 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,500,000  
**Encumbered Grant Agreements:** \$2,950,262 (Including current Grant)  
**Current Program Balance:** \$ 549,738  
**Overall Program Cost-Effectiveness:** \$11,387/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

<b>Approved:</b>  Air Pollution Control Officer	<b>Date:</b> 7 Mar 18
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Please contact the Board Clerk to review this grant agreement



# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer  
**Staff Contact:** Jim Fredrickson  
**Date:** March 22, 2018  
**Grant Program:** Off-Road Equipment Replacement Program (Carl Moyer Program)

## GRANT INFORMATION

**Grantee:** Rancho Laguna Farms  
**Grant Agreement Number:** AP171809  
**Grant Agreement Amount:** \$75,000  
**Existing Equipment:** 1998 Case IH MX 120 agricultural tractor w/Tier 1 engine  
**New Equipment:** 2016 Kubota M7 agricultural tractor w/Tier 4 Final engine  
**Grant Cost-Effectiveness:** \$9,800/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:** 7.96 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,500,000  
**Encumbered Grant Agreements:** \$3,025,262 (Including current Grant)  
**Current Program Balance:** \$ 474,738  
**Overall Program Cost-Effectiveness:** \$11,329/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

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

22 Mar 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:** March 29, 2018  
**Grant Program:** Off-Road Equipment Replacement Program (Carl Moyer Program)

## GRANT INFORMATION

**Grantee:** Coastal Vineyard Care Associates  
**Grant Agreement Number:** AP171813  
**Grant Agreement Amount:** \$33,116  
**Existing Equipment:** 1998 John Deere 5310 agricultural tractor w/Tier 0 engine  
**New Equipment:** 2018 John Deere 5090GN ag tractor w/Tier 4 Final engine  
**Grant Cost-Effectiveness:** \$14,224/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:** 2.45 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Approved Program Budget:** \$3,500,000  
**Encumbered Grant Agreements:** \$3,058,378 (Including current Grant)  
**Current Program Balance:** \$ 441,622  
**Overall Program Cost-Effectiveness:** \$11,157/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

Date: 29 Mar 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:** March 21, 2018  
**Grant Program:** Electric Vehicle Charging Station Infrastructure Program (EV Program)

## GRANT INFORMATION

**Grantee:** Santa Barbara Metropolitan Transit District  
**Grant Agreement Number:** EVCS-012  
**Grant Agreement Amount:** \$4,000  
**New Equipment:** One (1) ChargePoint CT4011 Level 2 charging station with a single charging port  
**Grant Cost-Effectiveness:** Not Applicable for the EV Program  
**Program Limit:** Not Applicable for the EV Program  
**Project Life:** 3 Years  
**Project Lifetime Emission Reductions:** Not Applicable for the EV Program

## PROGRAM INFORMATION

**Approved Program Budget:** \$300,000 (5/19/2011 and 12/17/2015)  
**Encumbered Grant Agreements:** \$215,528 (Including current Grant)  
**Current Program Balance:** \$ 84,472  
**Overall Program Cost-Effectiveness:** Not Applicable for the EV Program

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

  
Air Pollution Control Officer

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

22 Mar 18

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM


**To:** Air Pollution Control Officer  
**Staff Contact:** Alex Economou  
**Date:** March 8, 2018  
**Grant Program:** Electric Vehicle Charging Station Infrastructure Program (EV Program)

## GRANT INFORMATION

**Grantee:** Goleta Water District  
**Grant Agreement Number:** EVCS-015  
**Grant Agreement Amount:** \$10,000  
**New Equipment:** One (1) ChargePoint CT4021 Level 2 charging station with dual charging ports  
**Grant Cost-Effectiveness:** Not Applicable for the EV Program  
**Program Limit:** Not Applicable for the EV Program  
**Project Life:** 3 Years  
**Project Lifetime Emission Reductions:** Not Applicable for the EV Program

## PROGRAM INFORMATION

**Approved Program Budget:** \$300,000 (5/19/2011 and 12/17/2015)  
**Encumbered Grant Agreements:** \$211,528 (Including current Grant)  
**Current Program Balance:** \$ 88,472  
**Overall Program Cost-Effectiveness:** Not Applicable for the EV Program

<b>Approved:</b>  Air Pollution Control Officer	<b>Date:</b> 22 Mar 18
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Please contact the Board Clerk to review this grant agreement

## OLD CAR BUY BACK PROGRAM UPDATE

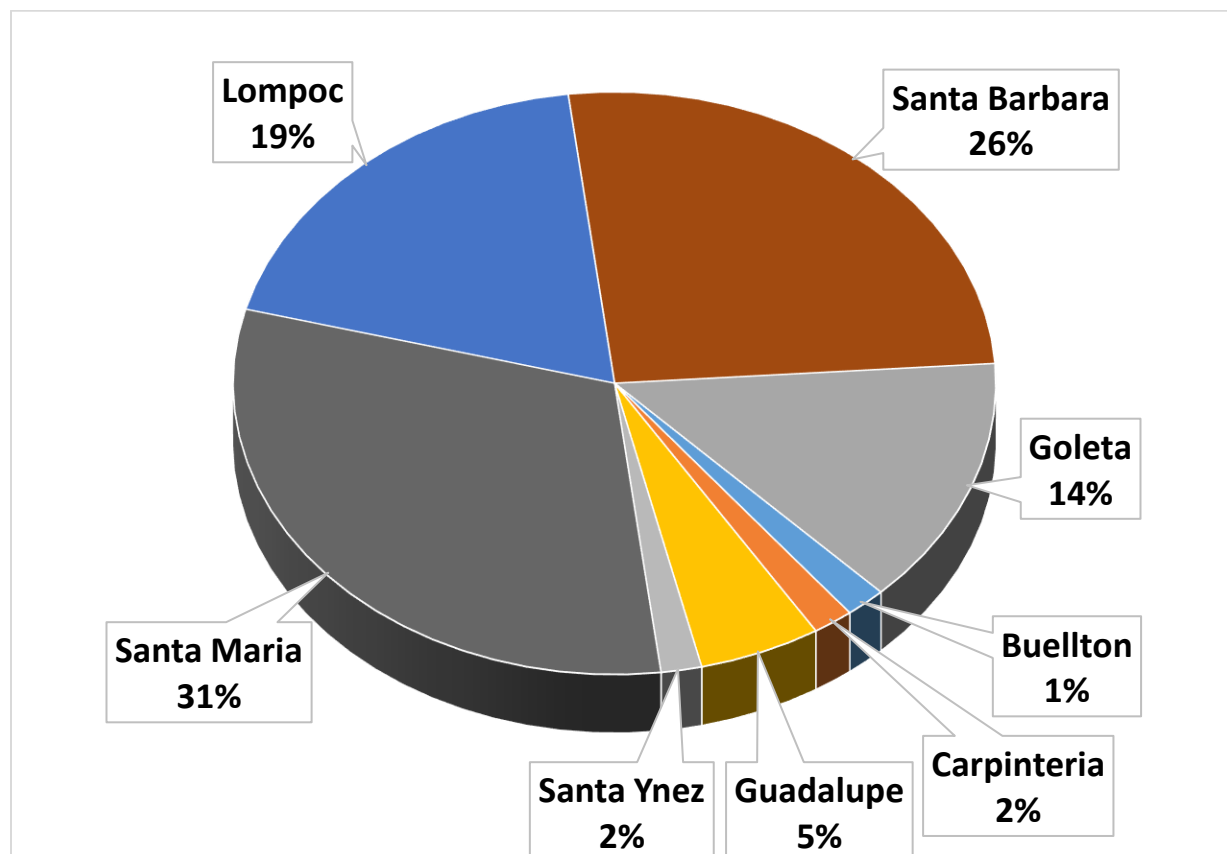
The District's Old Car Buy Back Program currently pays Santa Barbara County vehicle owners \$1,000 to voluntarily retire their fully legal and operational 1994 or older, light or medium duty car, truck, van, or SUV.

The three regional dismantlers earned \$250 for each vehicle that they helped 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 fleet quicker than normal attrition. Funding for the program is derived from DMV registration surcharge revenue and Carl Moyer Program funds.

<b>VEHICLES RETIRED: JANUARY 1, 2018 THROUGH FEBRUARY 28, 2018</b>	<b>58</b>
<b>\$ EXPENDED: [58 VEHICLES @ \$1,250/VEHICLE]</b>	<b>\$72,500</b>
<b>TOTAL PROJECT TONS REDUCED [NOx + ROC + PM]:</b>	<b>5.29</b>

### VEHICLE OWNER LOCATION \*



\*For vehicles retired only from January 1, 2018 – February 28, 2018.