




## 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) An update on the Old Car Buy Back Program for vehicles retired during the period of January 1, 2019 through February 28, 2019;
- 2) An update on the Woodsmoke Reduction Program for fireplace and stove replacement projects during the period of October 25, 2018 through April 30, 2019; and
- 3) Summary of the emission-reduction grant agreements approved by the Air Pollution Control Officer for the period of March 12, 2019 through April 30, 2019 in accordance with Board Resolution Number 09-14.

### 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, updated grant fund allocation reports by city for the District's Old Car Buy Back Program as well as the Woodsmoke Reduction Program are being provided.

### ATTACHMENT:

- A. Old Car Buy Back Program Update
- B. Woodsmoke Reduction Program Update
- C. Grant Agreement Approval Forms

## 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 1995 or older, light or medium duty car, truck, van, or SUV.

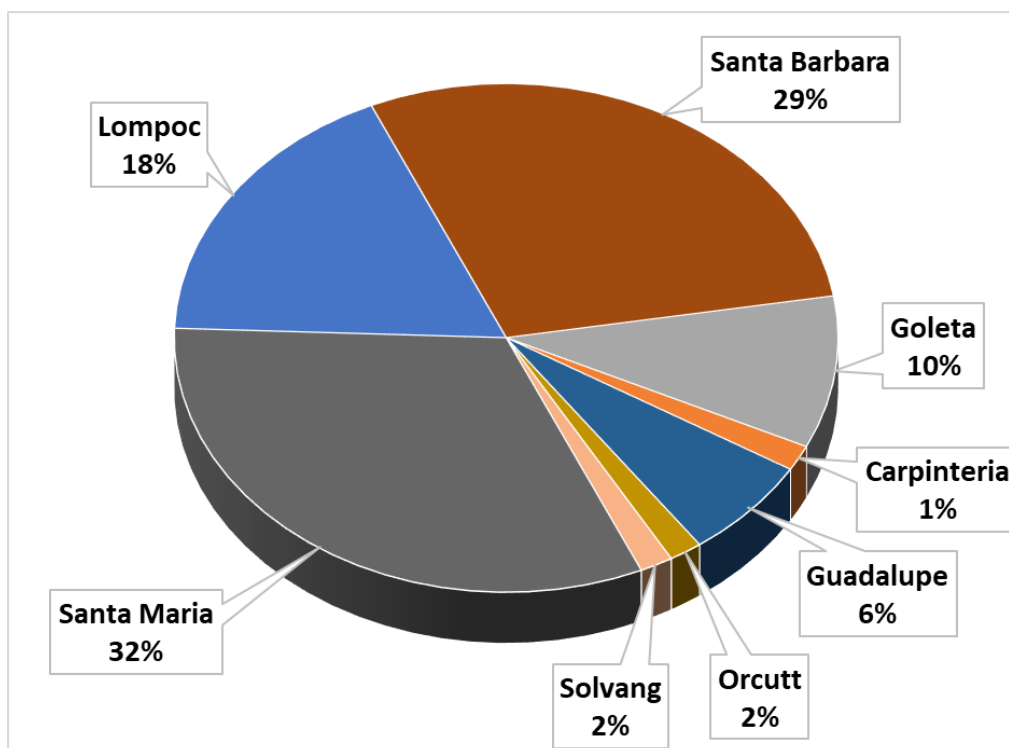
The three regional dismantlers earned \$250 for each vehicle that they helped retire. Currently, the total program cost is \$1,250 to retire a vehicle.

The program accelerates the improvement of air quality by removing high polluting vehicles from the road, quicker than normal vehicle attrition. Funding for the program is primarily derived from \$2 DMV registration surcharge funds.

<b>Fiscal Year 2018-19 \$2 DMV: Budget for Old Car Buy Back</b>	<b>\$685,000</b>
<b>Fiscal Year 2018-19 \$2 DMV: Old Car Buy Back Expenditures</b>	<b>\$308,750</b>
<b>Fiscal Year 2018-19 \$2 DMV: Remaining Balance</b>	<b>\$376,250</b>

<b>VEHICLES RETIRED: JANUARY 1, 2019 THROUGH FEBRUARY 28, 2019</b>	<b>62</b>
<b>\$ EXPENDED: [62 VEHICLES @ \$1,250/VEHICLE]</b>	<b>\$77,500</b>
<b>TOTAL PROJECT TONS REDUCED [NOx + ROC + PM]:</b>	<b>5.27</b>

### VEHICLE OWNER LOCATION \*



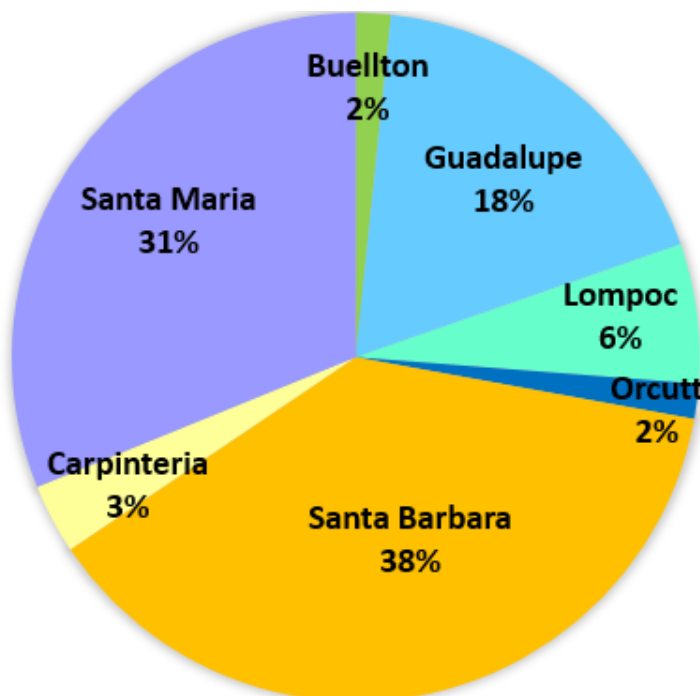
\*For vehicles retired only from January 1, 2019 – February 28, 2019.

This voluntary program is designed to help households replace a wood-burning uncertified stove, fireplace insert, or fireplace used as a primary source of heat with a cleaner-burning and more efficient device. Applicants who meet low-income eligibility requirements may qualify for an Enhanced Incentive Voucher of up to \$5,000. All other Applicants may qualify for the Standard Voucher of up to \$1,000. Program funds come from California Climate Investments, a statewide initiative that puts Cap-and-Trade dollars to work.

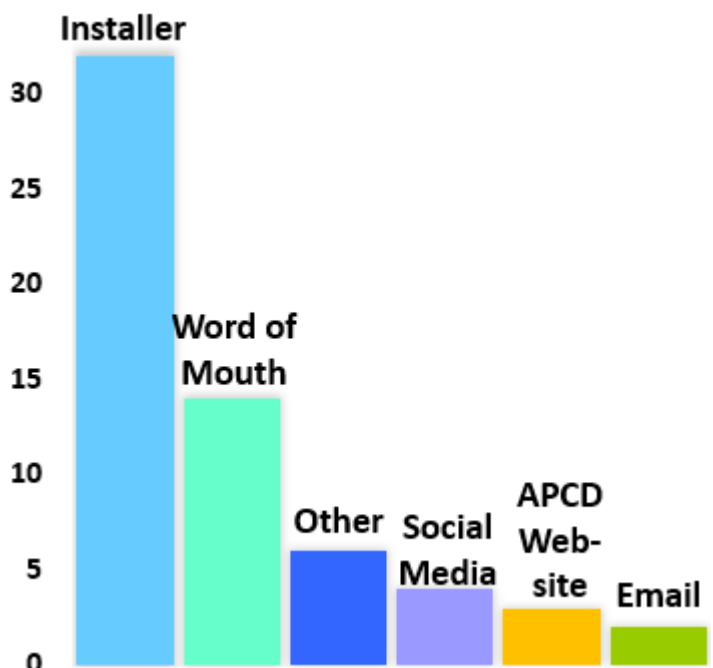
The program improves air quality and mitigates neighborhood impacts by reducing the amount of woodsmoke emitted from fireplaces and wood stoves in the county, which accounts for about 33 percent of wintertime particulate matter (PM<sub>2.5</sub> and PM<sub>10</sub>) emissions. In addition to particulate matter, woodsmoke contains soot, dioxins, carbon dioxide, and volatile organic compounds. Breathing woodsmoke can reduce lung function, aggravate heart and lung diseases, and trigger asthma. The program also achieves reductions in black carbon, a short-lived climate pollutant emitted when wood burns.

Fireplace and Stove Replacements October 25 <sup>th</sup> 2018 – April 30 <sup>th</sup> 2019						
Household Type:	Vouchers Issued	Projects Completed		\$ Expended	PM <sub>2.5</sub> (lbs) Reduced	Black Carbon (lbs) Reduced
		Wood Fireplace to Gas Insert	Wood Stove to Gas Stove			
Low Income	47	31	1	\$157,978	61,730	7,716
Other	14	9	1	\$10,000	18,158	2,228
<b>Total</b>	<b>61</b>	<b>40</b>	<b>2</b>	<b>\$167,978</b>	<b>79,888</b>	<b>9,944</b>
Fiscal Year 2018-19 Budget				\$225,000		
Current Program Balance				\$57,022		

Project Location (All Issued Vouchers)



How Applicants Learned of Program



# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Mike McKay

**Date:** March 25, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Plantel Nurseries

**Grant Agreement Number:** AP181901

**Grant Agreement Amount:** \$65,000

**Existing Equipment:** 1993 John Deere 6300 agricultural tractor w/Tier 0 engine

**New Equipment:** 2017 John Deere 6110 agricultural tractor w/Tier 4F engine

**Grant Cost-Effectiveness:** \$10,496/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 3 Years

**Project Lifetime Emission Reductions:** 6.33 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$385,000 (Including current Grant)

**Current Program Balance:** \$1,441,268

**Overall Program Cost-Effectiveness:** \$14,217/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

Date: 25 Mar 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Mike McKay

**Date:** March 25, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** S&S Seeds

**Grant Agreement Number:** AP181902

**Grant Agreement Amount:** \$150,000

**Existing Equipment:** 1990 Ford TW-35 agricultural tractor w/Tier 0 engine

**New Equipment:** 2018 John Deere 7230R agricultural tractor w/Tier 4F engine

**Grant Cost-Effectiveness:** \$18,700/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 3 Years

**Project Lifetime Emission Reductions:** 8.18 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$535,000 (Including current Grant)

**Current Program Balance:** \$1,291,268

**Overall Program Cost-Effectiveness:** \$15,175/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

  
Air Pollution Control Officer

Date: 25 Mar 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Mike McKay

**Date:** March 25, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Rancho Laguna Farms

**Grant Agreement Number:** AP181903

**Grant Agreement Amount:** \$150,000

**Existing Equipment:** 1999 Caterpillar 75E agricultural tractor w/Tier 1 engine

**New Equipment:** 2018 Challenger CH1042 agricultural tractor w/Tier 4F engine

**Grant Cost-Effectiveness:** \$5,839/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 3 Years

**Project Lifetime Emission Reductions:** 26.17 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$685,000 (Including current Grant)

**Current Program Balance:** \$1,141,268

**Overall Program Cost-Effectiveness:** \$11,151/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

Date: 25 Mar 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Mike McKay

**Date:** March 25, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Nolan Ranch

**Grant Agreement Number:** AP181905

**Grant Agreement Amount:** \$60,000

**Existing Equipment:** 1989 Ford TW-15 agricultural tractor w/Tier 0 engine

**New Equipment:** 2018 John Deere 5115M agricultural tractor w/Tier 4F engine

**Grant Cost-Effectiveness:** \$29,148/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 8 Years

**Project Lifetime Emission Reductions:** 2.16 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$745,000 (Including current Grant)

**Current Program Balance:** \$1,081,268

**Overall Program Cost-Effectiveness:** \$11,716/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

Date: 25 Mar 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Mike McKay

**Date:** March 25, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Triangle E Farms

**Grant Agreement Number:** AP181906

**Grant Agreement Amount:** \$43,000

**Existing Equipment:** 1990 Massey Ferguson 394-4S ag tractor w/Tier 0 engine

**New Equipment:** 2019 Case IH 100N ag tractor w/Tier 4F engine

**Grant Cost-Effectiveness:** \$29,553/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 10 Years

**Project Lifetime Emission Reductions:** 1.47 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$788,000 (Including current Grant)

**Current Program Balance:** \$1,038,268

**Overall Program Cost-Effectiveness:** \$12,112/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

Date: 25 Mar 19

Please contact the Board Clerk to review this grant agreement



# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Mike McKay

**Date:** March 25, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Babe Farms

**Grant Agreement Number:** AP181907

**Grant Agreement Amount:** \$150,000

**Existing Equipment:** 1998 John Deere 8400 agricultural tractor w/Tier 1 engine

**New Equipment:** 2018 John Deere 8320RT agricultural tractor w/Tier 4F engine

**Grant Cost-Effectiveness:** \$18,495/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 3 Years

**Project Lifetime Emission Reductions:** 8.27 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$938,000 (Including current Grant)

**Current Program Balance:** \$888,268

**Overall Program Cost-Effectiveness:** \$12,792/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

Date: 25 Mar 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Desmond Ho

**Date:** April 17, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Castagnola Tug Service

**Grant Agreement Number:** AP181910

**Grant Agreement Amount:** \$13,000

**Existing Equipment:** 1997 Isuzu 4JB1 Tier 0 engine

**New Equipment:** 2018 Northern Lights M30C3F Tier 3 engine

**Grant Cost-Effectiveness:** \$27,917/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 5 Years

**Project Lifetime Emission Reductions:** 0.11 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$1,365,115 (Including current Grant)

**Current Program Balance:** \$461,153

**Overall Program Cost-Effectiveness:** \$13,483/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

Date: 24 April 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Mike McKay

**Date:** March 26, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Hill Top Produce

**Grant Agreement Number:** AP181911

**Grant Agreement Amount:** \$60,000

**Existing Equipment:** 1981 Fiat 450 agricultural tractor w/Tier 0 engine

**New Equipment:** 2018 Case 110A agricultural tractor w/Tier 4F engine

**Grant Cost-Effectiveness:** \$27,096/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 3 Years

**Project Lifetime Emission Reductions:** 2.23 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$1,159,000 (Including current Grant)

**Current Program Balance:** \$667,268

**Overall Program Cost-Effectiveness:** \$12,630/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

Date: 26 Mar 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer  
**Staff Contact:** Desmond Ho  
**Date:** April 17, 2019  
**Grant Program:** 2018 Clean Air Grants


## GRANT INFORMATION

**Grantee:** Five Star Fish Company  
**Grant Agreement Number:** AP181913  
**Grant Agreement Amount:** \$100,000  
**Existing Equipment:** 2009 Yanmar 6LY3-STC Tier 2 engine  
2010 Yanmar 6LY-STC Tier 2 engine  
**New Equipment:** 2018 Yanmar 6LY-440-CR Tier 3 engine  
2018 Yanmar 6LY-440-CR Tier 3 engine  
**Grant Cost-Effectiveness:** \$28,696/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Project Life:** 5 Years  
**Project Lifetime Emission Reductions:** 1.78 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268  
**Encumbered Grant Agreements:** \$1,465,115 (Including current Grant)  
**Current Program Balance:** \$361,153  
**Overall Program Cost-Effectiveness:** \$14,222/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

AP 181913

Approved:   
Air Pollution Control Officer

Date: 17 April 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Mike McKay

**Date:** April 04, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Santa Barbara Farms

**Grant Agreement Number:** AP181914

**Grant Agreement Amount:** \$150,000

**Existing Equipment:** 1990 John Deere 4955 ag tractor w/Tier 0 engine

**New Equipment:** 2018 Massey Ferguson MF8727 ag tractor w/Tier 4F engine

**Grant Cost-Effectiveness:** \$24,969/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 3 Years

**Project Lifetime Emission Reductions:** 6.11 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$1,309,000 (Including current Grant)

**Current Program Balance:** \$517,268

**Overall Program Cost-Effectiveness:** \$13,374/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

  
Air Pollution Control Officer

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

4 April 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Mike McKay

**Date:** March 25, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Acquistapace Farms

**Grant Agreement Number:** AP181915

**Grant Agreement Amount:** \$84,000

**Existing Equipment:** 1976 White Field Boss 2-70 ag tractor w/Tier 0 engine

**New Equipment:** 2018 John Deere 6110M ag tractor w/Tier 4F engine

**Grant Cost-Effectiveness:** \$15,386/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 3 Years

**Project Lifetime Emission Reductions:** 5.53 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$1,022,000 (Including current Grant)

**Current Program Balance:** \$804,268

**Overall Program Cost-Effectiveness:** \$12,960/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

Date: 25 Mar 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Mike McKay

**Date:** March 25, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Acquistapace Harvesting

**Grant Agreement Number:** AP181916

**Grant Agreement Amount:** \$77,000

**Existing Equipment:** 1994 John Deere 6400 agricultural tractor w/Tier 0 engine

**New Equipment:** 2018 John Deere 6130M agricultural tractor w/Tier 4F engine

**Grant Cost-Effectiveness:** \$7,374/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 3 Years

**Project Lifetime Emission Reductions:** 10.68 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$1,099,000 (Including current Grant)

**Current Program Balance:** \$727,268

**Overall Program Cost-Effectiveness:** \$12,274/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

Date: 25 Mar 19

Please contact the Board Clerk to review this grant agreement



# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer

**Staff Contact:** Mike McKay

**Date:** April 17, 2019

**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Freshway Farms

**Grant Agreement Number:** AP181917

**Grant Agreement Amount:** \$82,205

**Existing Equipment:** 2002 John Deere 6420 agricultural tractor w/Tier 1 engine

**New Equipment:** 2018 John Deere 6130M agricultural tractor w/Tier 4F engine

**Grant Cost-Effectiveness:** \$28,022/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>

**Project Life:** 5 Years

**Project Lifetime Emission Reductions:** 2.96 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268

**Encumbered Grant Agreements:** \$1,697,320 (Including current Grant)

**Current Program Balance:** \$128,948

**Overall Program Cost-Effectiveness:** \$15,904/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

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

17 April 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer  
**Staff Contact:** Mike McKay  
**Date:** April 04, 2019  
**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Buttonwood Farm  
**Grant Agreement Number:** AP181918  
**Grant Agreement Amount:** \$43,115  
**Existing Equipment:** 1982 Case 1390 agricultural tractor w/Tier 0 engine  
**New Equipment:** 2016 John Deere 5085M agricultural tractor w/Tier 4F engine  
**Grant Cost-Effectiveness:** \$13,581/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Project Life:** 3 Years  
**Project Lifetime Emission Reductions:** 3.26 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268  
**Encumbered Grant Agreements:** \$1,352,115 (Including current Grant)  
**Current Program Balance:** \$474,153  
**Overall Program Cost-Effectiveness:** \$13,369/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

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

4 April 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer  
**Staff Contact:** Alex Economou  
**Date:** April 17, 2019  
**Grant Program:** 2018 Clean Air Grants Program

## GRANT INFORMATION

**Grantee:** Santa Maria Joint Union High School District  
**Grant Agreement Number:** AP181919  
**Grant Agreement Amount:** \$150,000  
**Existing Equipment:** 1993 Thomas SAF-T-Liner diesel school bus  
**New Equipment:** 2019 GreenPower Synapse electric school bus  
**Grant Cost-Effectiveness:** \$207,010/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Program Limit:** \$276,230/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Project Life:** 3 Years  
**Project Lifetime Emission Reductions:** 0.74 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268  
**Encumbered Grant Agreements:** \$1,615,115 (Including current Grant)  
**Current Program Balance:** \$211,153  
**Overall Program Cost-Effectiveness:** \$15,566/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

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

17 April 19

Please contact the Board Clerk to review this grant agreement

# GRANT AGREEMENT APPROVAL FORM

**To:** Air Pollution Control Officer  
**Staff Contact:** Mike McKay  
**Date:** April 17, 2019  
**Grant Program:** 2018 Clean Air Grants

## GRANT INFORMATION

**Grantee:** Heritage Construction  
**Grant Agreement Number:** AP181920  
**Grant Agreement Amount:** \$55,000  
**Existing Equipment:** 1990 Ford 545C tractor/loader w/Tier 0 engine  
**New Equipment:** 2018 Case 570NXT tractor/loader w/Tier 4F engine  
**Grant Cost-Effectiveness:** \$29,744/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Program Limit:** \$30,000/ton NO<sub>x</sub>+ROC+PM<sub>10</sub>  
**Project Life:** 3 Years  
**Project Lifetime Emission Reductions:** 1.91 tons NO<sub>x</sub>+ROC+PM<sub>10</sub>

## PROGRAM INFORMATION

**Fiscal Year 2018-19 Budget:** \$1,826,268  
**Encumbered Grant Agreements:** \$1,752,320 (Including current Grant)  
**Current Program Balance:** \$73,948  
**Overall Program Cost-Effectiveness:** \$16,131/ton NO<sub>x</sub>+ROC+PM<sub>10</sub> (Including current Grant)

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

Air Pollution Control Officer

Date: 17 April 19

Please contact the Board Clerk to review this grant agreement