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

RECOMMENDATION:
Receive and file the following:

1) An update on the Old Car Buy Back Program for vehicles retired during the period of March 1, 2019 through March 31, 2019;

2) An update on the Woodsmoke Reduction Program for fireplace and stove replacement projects during the period of October 25, 2018 through May 31, 2019; and

3) Summary of the emission-reduction grant agreements approved by the Air Pollution Control Officer for the period of May 1, 2019 through June 6, 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.

<table>
<thead>
<tr>
<th>Fiscal Year 2018-19 $2 DMV: Budget for Old Car Buy Back</th>
<th>$685,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiscal Year 2018-19 $2 DMV: Old Car Buy Back Expenditures</td>
<td>$350,000</td>
</tr>
<tr>
<td>Fiscal Year 2018-19 $2 DMV: Remaining Balance</td>
<td>$335,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VEHICLES RETIRED: MARCH 1, 2019 THROUGH MARCH 31, 2019</th>
<th>35</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ EXPENDED: [35 VEHICLES @ $1,250/VEHICLE]</td>
<td>$43,750</td>
</tr>
</tbody>
</table>

| TOTAL PROJECT TONS REDUCED [NOx + ROC + PM]: | 3.55 |

VEHICLE OWNER LOCATION *

*For vehicles retired only from March 1, 2019 – March 31, 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$_{2.5}$ and PM$_{10}$) 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 25th 2018 – May 31st 2019

<table>
<thead>
<tr>
<th>Household Type:</th>
<th>Vouchers Issued</th>
<th>Projects Completed</th>
<th>$ Expended</th>
<th>PM$_{2.5}$ (lbs) Reduced</th>
<th>Black Carbon (lbs) Reduced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Income</td>
<td>48</td>
<td>36</td>
<td>1</td>
<td>$182,978</td>
<td>71,633</td>
</tr>
<tr>
<td>Other</td>
<td>14</td>
<td>10</td>
<td>1</td>
<td>$11,000</td>
<td>20,138</td>
</tr>
<tr>
<td>Total</td>
<td>62</td>
<td>46</td>
<td>2</td>
<td>$193,978</td>
<td>91,771</td>
</tr>
</tbody>
</table>

**Fiscal Year 2018-19 Budget**: $225,000  
**Current Program Balance**: $31,022

### Project Location (All Issued Vouchers)

- Santa Barbara: 38%
- Guadalupe: 18%
- Carpinteria: 3%
- Lompoc: 6%
- Orcutt: 2%
- Santa Maria: 31%
- Buellton: 2%

### How Applicants Learned of Program

- Installer
- Word of Mouth
- Other Social Media
- Email
- APCD Website
GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer

Staff Contact: Alex Economou

Date: May 9, 2019

Grant Program: Electric Vehicle Charging Station Infrastructure Program (EV Program)

GRANT INFORMATION

Grantee: City of Santa Barbara

Grant Agreement Number: EVCS-017: Helena Parking Lot

Grant Agreement Amount: $20,000

New Equipment: One (1) ChargePoint single-port Level-2 charging station and one (1) ChargePoint dual-port Level-2 charging station

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

FY 2018-19 APPROVED BUDGET

Approved Program Budget: $135,000

Encumbered Grant Agreements: $40,000 (Including current Grant)

Current Program Balance: $95,000

Overall Program Cost-Effectiveness: Not Applicable for the EV Program

Approved: ___________________________  Date: 28 May 19

Air Pollution Control Officer

Please contact the Board Clerk to review this grant agreement
GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Alex Economou
Date: May 9, 2019
Grant Program: Electric Vehicle Charging Station Infrastructure Program (EV Program)

GRANT INFORMATION

Grantee: City of Santa Barbara
Grant Agreement Number: EVCS-018: Granada Garage
Grant Agreement Amount: $7,196
New Equipment: Two (2) ChargePoint dual-port Level-2 charging stations
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

FY 2018-19 APPROVED BUDGET

Approved Program Budget: $135,000
Encumbered Grant Agreements: $47,196 (Including current Grant)
Current Program Balance: $87,804
Overall Program Cost-Effectiveness: Not Applicable for the EV Program

Approved: [Signature]
Air Pollution Control Officer
Date: 28 May 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: May 9, 2019
Grant Program: Electric Vehicle Charging Station Infrastructure Program (EV Program)

GRANT INFORMATION

Grantee: City of Santa Barbara
Grant Agreement Number: EVCS-019: Old Town Parking Lot
Grant Agreement Amount: $20,000
New Equipment: One (1) ChargePoint single-port Level-2 charging station and one (1) ChargePoint dual-port Level-2 charging station
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

FY 2018-19 APPROVED BUDGET

Approved Program Budget: $135,000
Encumbered Grant Agreements: $67,196 (Including current Grant)
Current Program Balance: $67,804
Overall Program Cost-Effectiveness: Not Applicable for the EV Program

Approved: [Signature]
Air Pollution Control Officer
Date: 28 May 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: June 06, 2019

Grant Program: 2018 Clean Air Grants

GRANT INFORMATION

Grantee: OSR Enterprises

Grant Agreement Number: AP181921

Grant Agreement Amount: $114,410

Existing Equipment: 1995 John Deere 7800 agricultural tractor w/Tier 0 engine

New Equipment: 2019 John Deere 7230R agricultural tractor w/Tier 4F engine

Grant Cost-Effectiveness: $17,221/ton NOx+ROC+PM10

Program Limit: $30,000/ton NOx+ROC+PM10

Project Life: 3 Years

Project Lifetime Emission Reductions: 6.74 tons NOx+ROC+PM10

PROGRAM INFORMATION

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

Encumbered Grant Agreements: $1,825,268 (Including current Grant)

Current Program Balance: $115,410

Overall Program Cost-Effectiveness: $15,822/ton NOx+ROC+PM10 (Including current Grant)

Approved: [Signature]

Date: 6 June 19

Air Pollution Control Officer

Please contact the Board Clerk to review this grant agreement