Clean Air Funding Programs Update

Board of Directors
Santa Barbara County
Air Pollution Control District

Our Mission: To protect the people and the environment of Santa Barbara County from the effects of air pollution.

Aeron Arlin Genet
Director / APCO

Jim Fredrickson
Supervisor, Planning and Grants Programs
May 17, 2018

Carl Moyer Program
Funds to replace farm and construction equipment

Old Car Buy Back
$1,000 for older vehicles that meet requirements

EV Charging Stations
Funds to purchase and/or install publicly accessible electric vehicle charging stations

OurAir.org
ourair.org/clean-air-funding

@OurAirSBC
Background

- 30 years of experience managing grants countywide
- Voluntary emission reductions
- Public/private partnerships
- Leveraged almost $34M in state and local funds
- Secured several thousand tons of emission reductions
- Target mobile sources – significant source of air pollution & outside the District’s jurisdiction
30 YEARS OF GRANT FUNDING

CARB Carl Moyer / School Bus, $10,200,000

DMV Revenue, $7,400,000

District Reserves, $30,000

Local Mitigation, $16,700,000

$34 Million
Grant Implementation Cycle

1. Grantee Submits Application to District
2. District Conducts Pre-Inspection of Equipment
3. Grantee Offer & Contract Executed
4. Applicant Purchases New Equipment
5. Inspect New Equipment & Salvage Old Equipment
6. Applicant Invoices District for Reimbursement
7. Annual Reports Submitted to District & Audit Inspections
8. District Tracks & Reports Projects to the State
9. Emission Reductions are Achieved!
Clean Air Funding Programs

1. Carl Moyer Program
2. Lower Emission School Bus Program
3. Old Car Buy Back Program
4. Electric Vehicle Charging Station Program
5. Woodsmoke Reduction Program
6. FARMER Program
7. Community Air Protection Program
Carl Moyer Program

- Moyer Funding from CARB since 1998 reducing 1,400 tons
- $14.5M for 155 projects (Ag, Off-Road, On-Road, and Marine)
  - $8.7M of district funds | $5.8M of grantee funds
- Fiscal Year 2017-18: Moyer Year 19 (Regular)
  - $428,853 for Off-Road ag tractor replacements (7)
  - $39,822 for a Marine repower
  - $67,844 administrative funds
- Fiscal Year 2018-19: Moyer Year 20 (Regular and State Reserve)
  - $553,797 available for projects
  - $76,359 administrative funds
Fiscal Year 2017-18
Carl Moyer Year 19 State Reserve

- Lompoc Unified School District School Bus Replacement Project
  - Replaced 6 MY1986-1990 diesel-fueled school buses with 5 MY2018 CNG buses and 1 MY2018 diesel bus
  - $1,052,882 total project cost
    - $542,478 Carl Moyer State Reserve funds (52%)
    - $510,404 Lompoc Unified School District funds (48%)
    - $77,497 administrative funds
Off-Road Equipment Replacement Program

Project Example: Rancho Laguna Farms (Santa Maria)
Marine Diesel Engine Repower Program

Project Example: The Danny C (Santa Barbara)
Lower Emission School Bus Program

• 2001: Board approved participation in CARB’s Lower Emission School Bus Program
• $3.3M in expenditures countywide
• Fiscal Year 2017-18: $140,000 Orcutt diesel bus replacement
• Fiscal Year 2018-19: $165,000 budgeted for projects
• Funding primarily from DMV Surcharge Revenue
Old Car Buy Back

• Board approved scrap programs starting in 1993
• $7.9M expended to retire over 6,800 old vehicles
• Three regional dismantlers: Goleta / Lompoc / Santa Maria
• $1,250/vehicle ($1,000 to owner; $250 to dismantler) Model Year 1994 and older
• Fiscal Year 2017-18: $558,500 expended to scrap 241 cars
• Fiscal Year 2018-19: $685,000 budget
• Funded primarily from DMV Surcharge Revenue
Electric Vehicle Charging Station Program

- 2011: Board approved program; expended $215,528 to date
- Fiscal Year 2017-18: $24,000 expended
  - BMW of Santa Maria Project: $10,000 for Two (2) Level-3 DC Fast Chargers
  - SBMTD $4,000 for Level 2 charging station
  - Goleta Water District $10,000 for Level 2 charging station
- Fiscal Year 2018-19: $135,000 budget
  - Pending projects with County of Santa Barbara (Camino Del Remedio and Foster Road) and Santa Barbara City College (West Campus)
  - Propose to make funds also available for Private / Nonprofit Multi-Unit Dwellings (20+ units) and seek approval to implement changes at June Board meeting
Woodsmoke Reduction Program

• Board approved pilot program in March 2017
• $25,000 committed to date on 25 replacement projects approved for $1,000 each
• Fiscal Year 2018-19: $250,000 of funding available from CARB
• Program modified to increase funding for low income resident projects
• Seek approval to receive funds at June Board meeting
<table>
<thead>
<tr>
<th>Program (Funding)</th>
<th>Projects</th>
<th>Program Expenditures</th>
<th>Administrative Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carl Moyer (Year 18 Regular)</td>
<td>Ag tractor replacements (6); Marine repowers (2)</td>
<td>$471,890</td>
<td>$67,413</td>
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<tr>
<td>Carl Moyer (Year 19 Regular)</td>
<td>Ag tractor replacements (7); Marine repower (1)</td>
<td>$474,911</td>
<td>$67,844</td>
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<tr>
<td>Carl Moyer (Year 19 State Reserve)</td>
<td>School bus replacements (6)</td>
<td>$542,478</td>
<td>$77,497</td>
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<tr>
<td>School Bus (DMV fees)</td>
<td>School bus replacement (1)</td>
<td>$140,000</td>
<td>$8,750</td>
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<tr>
<td>Electric Vehicle Charging Stations (Mitigation fees)</td>
<td>Level-3 charging stations(2); Level-2 charging stations (2)</td>
<td>$24,000</td>
<td>$3,120</td>
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<tr>
<td>Old Car Buy Back (DMV fees)</td>
<td>241 cars scrapped</td>
<td>$558,500</td>
<td>$41,250</td>
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<td>Woodsmoke Reduction (Reserves)</td>
<td>25 replacements</td>
<td>$25,000</td>
<td>$0</td>
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<tr>
<td><strong>TOTAL FUNDS</strong></td>
<td></td>
<td><strong>$2,236,779</strong></td>
<td><strong>$265,874</strong></td>
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</tbody>
</table>
• CARB pilot program for agricultural projects
• Fiscal Year 2018-19:
  – $583,537 project funds available
  – $83,363 administrative funds
• Funds primarily for Off-Road Equipment Replacement mobile agriculture projects
  – Examples: agricultural tractor replacements, electric powered utility terrain vehicle replacements
• Seek approval to receive funds at June Board meeting
Community Air Protection Program

• CARB program established by AB 617
• Fund distribution within disadvantaged / low income communities
• Fiscal Year 2018-19:
  – $614,063 available for projects
  – $40,938 administrative funds
• Outreach at community events
• Advertising on transit buses
• Surveys conducted in low income communities and online
• Seek approval to receive funds at June Board meeting

www.ourair.org/community-air
Protect Our Air * Proteja Nuestro Aire

Reduce air pollution in your community
Reduzca la contaminación del aire en su comunidad

STEP 1 Visit / Visite
PRIMER PASO www.sbcapc.org/community-air

STEP 2 Tell us what you think
SEGUNDO PASO Díganos lo que piensas

STEP 3 Breathe cleaner air
TERCER PASO Respira aire más limpio

COMMUNITY AIR PROTECTION PROGRAM
Outreach Events [April 19th – June 2nd]
Conclusion

• Critical to mobile source reductions
• Public health benefit
• Provides financial benefits
  – County business
  – Government entities
  – Vehicle owners
  – Reduced fuel costs/Long-term savings
• Reinvests funds back into the community