



MONTEREY BAY AIR RESOURCES DISTRICT ADVISORY COMMITTEE MEETING

JANET BRENNAN, CHAIR

THURSDAY, March 3, 2022 – 1:30 P.M.

(Following the Special Advisory Committee Meeting)

REMOTE MEETING ONLY

Link to meeting: <https://us02web.zoom.us/j/84109381031>

Webinar ID: 841 0938 1031

By Phone (audio only, Webinar ID required): 1-669-900-6833

On September 16, 2021, Governor Newsom signed AB 361. This legislation amends the Brown Act to allow meeting bodies subject to the Brown Act to meet via teleconference during a proclaimed state of emergency in accordance with teleconference procedures established by AB 361 rather than under the Brown Act's more narrow standard rules for participation in a meeting by teleconference. The Monterey County Health Officer has issued a recommendation for social distancing in legislative body meetings, so the first meeting after September 30, 2021, may be held without making findings. If the Committee desires to continue to meet remotely via teleconference after that first meeting, the Committee is required to make certain findings under AB 361 no later than 30 days after the first teleconference meeting held pursuant to AB 361, and every 30 days thereafter. Members of the public that wish to participate in a meeting may do so by joining the Zoom Webinar ID. Should you have any questions, please contact Sirie Thongchua, Executive Assistant, at 831-718-8028 or by email at sirie@mbard.org.

To Provide Public Comment via Zoom teleconference/video conference: During the meeting live verbal public comments may be made by members of the public joining the meeting via Zoom. Zoom access information is provided above. Use the "raise hand" feature (for those joining by phone, press *9 to "raise hand") during the public comment period for the agenda item you wish to address. Members of the public participating via Zoom will be muted during the proceedings and may be unmuted to speak during public comment after requesting and receiving recognition by the Chair. Please clearly state your full name for the record at the start of your public comment.

Before the Meeting: Persons who wish to address the Committee for public comment of an item not on the agenda are encouraged to submit comments in writing to Sirie Thongchua, Executive Assistant, at sirie@mbard.org by 5:00 p.m. on Tuesday, March 1, 2022. Comments received will be distributed to the Committee prior to the meeting.

Summary of Actions

1. Call to Order – **The meeting was called to order at 1:37 p.m. by Chair Brennan.**
2. Roll Call - **Present:** Allen Stroh, Caitlyn Turley, Janet Brennan, Matthew McCluney, Sandy Coplin, Scott Storm.
Absent: Lacey Raak, Bob Smith. **Arrived Late:** Sandy Swint, David Mack.
3. Changes to the Agenda – **None.**
4. Public Comment Period - **None.**
5. **Accepted** and **Filed** Summary of Actions for the Advisory Committee Meeting of February 3, 2022
Motion: Approve the Summary of Actions. **Action:** Approve.
Moved by Allen Stroh, **Seconded by** Sandy Coplin.
Vote: Motion passed (summary: Yes = 6, No = 0, Abstain = 1).
Yes: Allen Stroh, Caitlyn Turley, Janet Brennan, Matthew McCluney, Sandy Coplin, Sandy Swint.
Abstain: Scott Storm.
Absent: Bob Smith, David Mack, Lacey Raak.
6. **Received** a Presentation on Motor Vehicle Emission-Reduction Grants Using AB 2766 Funds and **Provided** Comments and Recommendations for the Board of Directors' Consideration
7. **Received** Monthly Oral Report from Air Pollution Control Officer
Richard Stedman, APCO, reported on the following:
District Updates

Staff Changes

- New Air Monitoring Specialist, Eddie Ballaron

Engineering

- In January 2022, we received delegation from the US EPA for four New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP). This allows us to implement and enforce these federal regulations:
 - **40 CFR Part 60, Subpart WWW**– Standards of Performance for Municipal Solid Waste Landfills.
 - **40 CFR Part 60, Subpart IIII**–Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.
 - **40 CFR Part 60, Subpart JJJJ**– Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.
 - **40 CFR Part 60, Subpart KKKK**–Standards of Performance for Stationary Combustion Turbines.

- **40 CFR Part 63, Subpart ZZZZ**–National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.
- We received 20 odor complaints from Marina residents between December 18, 2021 and February 9, 2022. We followed our protocol to send an email each time we receive a complaint to Monterey Regional Waste Management District, Monterey One Water, Keith Day Composting, the agricultural operator, and Monterey County Environmental Health. In addition, Amy Clymo and I met with Felipe Melchor, MRWMD’s new GM, and staff at the landfill on February 14, 2022.

Planning and Air Monitoring

- The entire \$87,500 in local funds budgeted for this year’s Woodstove Change Out Program have been obligated. 62 applications have been approved, with four low-income applications.
- The Monterey Bay Electric Vehicle Incentive Program, which provides residents with an incentive to purchase new and used all-electric or plug-in electric vehicles is continuing with 154 applications, nine of which are low-income. \$212,000 has been obligated, and \$238,000 is remaining.
- The San Lorenzo Valley Spare-the-Air Program, which notifies residents of deteriorating meteorological conditions in the SLV that could concentrate wood smoke, is continuing. During a Spare-the-Air alert, residents are asked to voluntarily choose devices that use fuels other than wood to heat their homes. The program will run through the end of April when conditions for smoke dispersion improve. No Spare-the-Air alerts have been issued this season.
- The press is reporting that EPA will reinstate the waiver of federal preemption for the GHG and ZEV components of California’s Advanced Clean Cars (ACC) program, clearing the way for the state to implement and enforce those standards and for other states that adopted those standards under CAA Section 177 to implement them as well.
- Lastly, I would like to add that we have fully funded our OPEB account. This is a major milestone for the agency. Now we must work on fully funding our retirement trust account under PARs.

8. Future Agenda Items – **None.**

9. Chairman’s Comments - **None.**


10. Comments from Committee Members - **None.**

11. Order for Adjournment – **The meeting was adjourned at 2:07 p.m.**

Sirie Thongchua
Executive Assistant

AB2766
Motor Vehicle Emission Reduction Program
FY 2022

Advisory Committee Meeting
March 3, 2022




Chris Duymich
 Air Quality Planner II

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AB2766: Background

AB2766: Motor Vehicle Emission Reduction Grant Program

Objective:
 Solicit and fund cost-effective motor vehicle direct emission reduction projects. (California Health and Safety Code §44220)



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AB2766: Programs

Clean Air Management Program:

- Roundabout Design and Construction
- Adaptive Traffic Signal Control (ATSC)
- Advanced Clean Transportation:
 - Public Agency
 - Private Sector

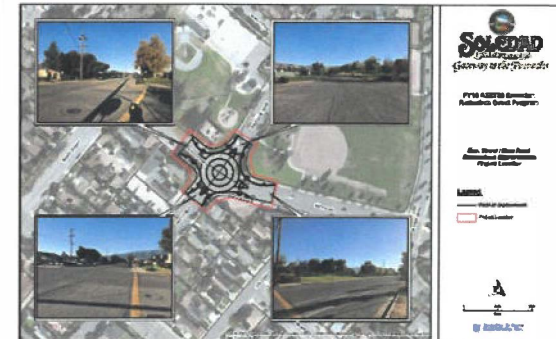
Clean Vehicle Program:

- EV Voucher Replacement Incentives for Public Agencies
- EVIP for residents in Santa Cruz, San Benito and Monterey:
 - Light Duty BEV and PHEV
 - E-Motorcycles
 - E-Bicycles




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City of Soledad: East St./Metz Rd. Roundabout Project
 FY 2018-19



SOLEDAD
 City of Soledad
 FY18 AB2766 Roundabout Construction Program
 Alan Ward / Alan Ward International Construction Program Leader



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City of Salinas: East Boronda Road Roundabout Project
 FY 2018-19




Boronda Road at:

- McKinnon St. (Phase 1)
- El Dorado St. (Phase 2)
- Natividad Rd. (Phase 2)
- Independence Blvd. (Phase 3)




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City of Monterey - Four ATSC Projects
 FY 2013-14 - FY 2020-21



■ Running SCOOT
■ In Progress
■ Proposed




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City of Monterey - Four ATSC Projects FY 2013-14 - FY 202021

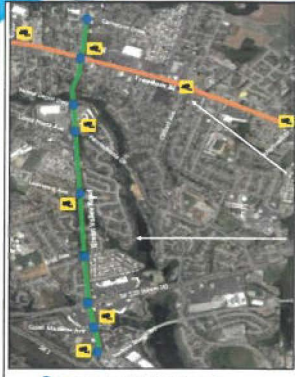
- Phase 1: Lighthouse Ave. (FY 2013-14) 3.1 TPY*
- Phase 2: Del Monte Ave. and Fremont St. (FY 2015-16) 3.2 TPY
- Phase 3: Phase I and 2 expansion (FY 2017-18) 10.8 TPY
- Phase 3: Munras Ave. and Foam St. (FY 2019-20) 7.8 TPY
- Phase 4: Pacific St. and Franklin St. (FY 2020-21) 1.4 TPY

* Tons per year




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City of Watsonville: Two Operational ATCS Projects




FY 14-15: FREEDOM BLVD
After Project Emission Reduction: 1.2 TPY

FY 16-17: GREEN VALLEY ROAD
After Project Emission Reduction: 2.1 TPY




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City of Capitola - 41st Ave. ATSC Project FY 2019-20



Two Corridors as a Joint ATSC Project:

- Soquel Drive – County of Santa Cruz
- 41st Avenue – City of Capitola
- 13 Signal Controlled Intersections



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City of Santa Cruz: Electric Trolley Project FY 2018-19




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City of Santa Cruz: Electric Trolley Project FY 2018-19



Phoenix Motorcars:

(2) Zeus 400s, 14 passenger with wheelchair lift. Built in Ontario, CA

- First Trolley delivered 12/19
- Second Trolley delivered 12/20



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MST: Gillig Full Electric Bus FY 2018-19, FY 2019-20




Four funded – Two delivered in 2021



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City of Salinas Fleet Electrification Project FY 2015-20




Delivered in 2021:

- One Box Truck
- Two Flat-bed Trucks

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Electrification Benefits




- Prevent more than **57,000 premature deaths** by 2050
- Eliminate more than **4.7 billion metric tons of climate pollution** by 2050
- Significantly reduce NOx pollution by more than **10 million tons** by 2050
- Reduce particulate pollution by almost **200,000 tons** by 2050
- Save **\$485 billion in health and environmental benefits** as a result of pollution reductions by 2050

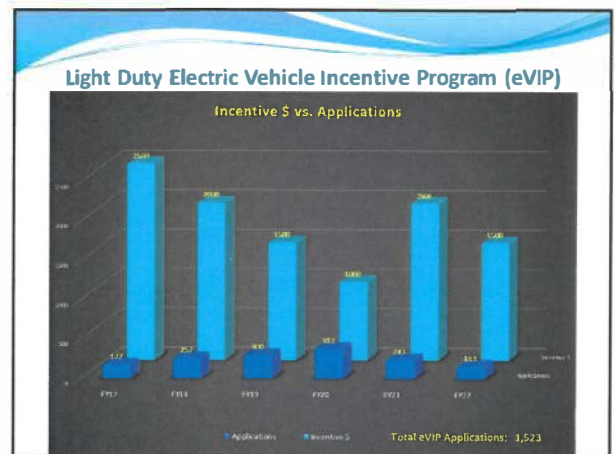
Clean Trucks, Clean Air, American Jobs:
Eliminating pollution from all semi-trucks and buses by 2040 -- and urban and community applications by 2035 -- will save thousands of lives, cut climate pollution, and result in shared economic benefits.
March 2021

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MBARD Light Duty Electric Vehicle Incentive Program (eVIP)




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Electric Bike Incentive Program (eBIP)

- Allocate \$50,000 from AB2766 budget
- Program open to all residents District-wide
- \$500 Incentive
- Additional \$500 incentive for low-income qualified
- e-Bike must be:
 - New
 - Purchased locally
 - From an established e-bike retailer
- e-Bike Purchase Price: \$1000 minimum/\$4000 maximum
- Limit e-bike style to Class 1, 2 & 3

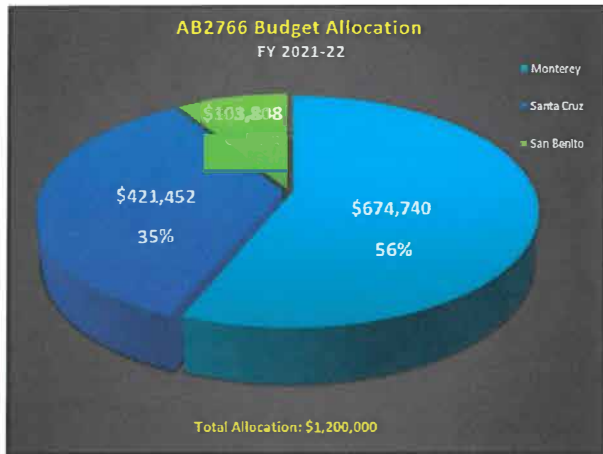


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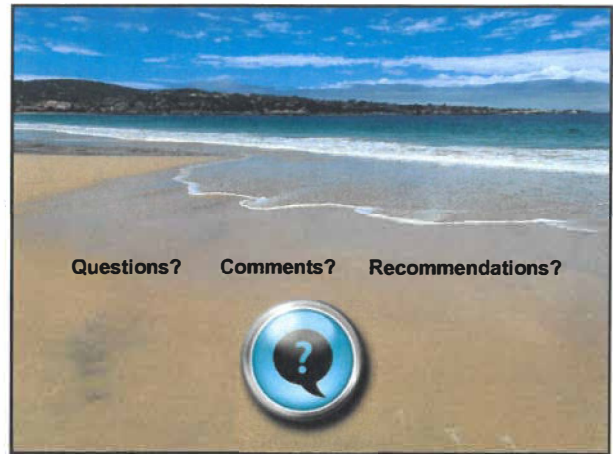
FY 2022-23 AB2766 Proposed Funding

Clean Air Management Program:	\$1.2M
• Roundabout Design and Construction -	\$400K
• Adaptive Traffic Signal Control -	\$400K
• Advanced Clean Transportation:	
- Public Agency / per project	\$400K
- Private Sector / per project	\$400K
Clean Vehicle Program:	\$450K
• EV Voucher Replacement Incentives for Public Agencies	
• EVIP for residents in Santa Cruz, San Benito and Monterey:	
- Light Duty BEV/PHEV - (\$2,000 FY 2020-21)	\$1500/\$750
- E-Motorcycles - (\$300 FY 2020-21)	\$300
- e-Bikes. (\$500 with additional \$500 for low income qualified)	\$500-1000

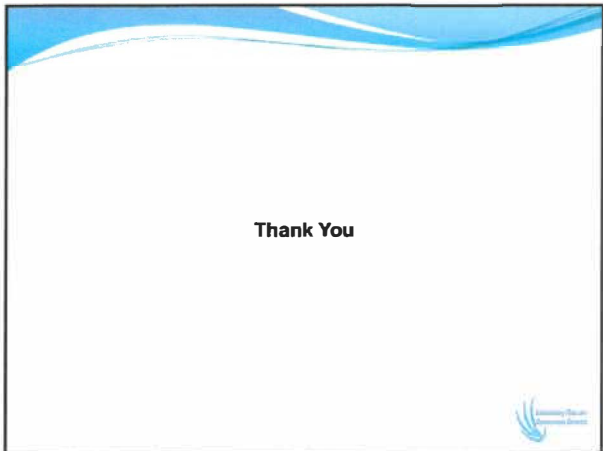
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e-Bike Classification*

- **Class 1:** A bicycle equipped with a motor that provides assistance only when the rider is pedaling, and that ceases to provide assistance when the bicycle reaches the speed of 20 mph.
- **Class 2:** A bicycle equipped with a motor that may be used exclusively to propel the bicycle, and that is not capable of providing assistance when the bicycle reaches the speed of 20 mph.
- **Class 3:** A bicycle equipped with a motor that provides assistance only when the rider is pedaling, and that ceases to provide assistance when the bicycle reaches the speed of 20 mph, and is equipped with a speedometer.

* Classification created by the Bicycle Product Suppliers Association (BPSA), which has been codified in 21 states as well as CA. All E-bikes are limited to electric motors less than 750 watts (1hp) under federal and state law. Only Class 1 and 2 E-bikes are allowed on multi-use trails. Class 3 may be used only with authorization by local ordinance.

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Clean Air Management Program Funding Allocation by County

	Population	FY21 Total District Funds	% of District Population	Grant Allocation by Population, \$
Monterey	434,394	\$ 1,200,000	0.36	\$ 421,452
Santa Cruz	271,329	\$ 1,200,000	0.23	\$ 271,329
San Benito	66,831	\$ 1,200,000	0.06	\$ 103,808
Total	772,554	\$ 1,200,000		

Note: <https://worldpopulationreview.com/us-counties/ca/monterey-county-population>
<https://census.census.gov/data/tables/2019/decennial/sa/2019/05/santa-cruz-county-population>
<https://worldpopulationreview.com/us-counties/ca/san-benito-county-population>
<https://worldpopulationreview.com/us-counties/ca/santa-cruz-county-population>

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