



Monterey Bay Air Resources District
BOARD OF DIRECTORS MEETING AGENDA
CHRIS LOPEZ, CHAIR
WEDNESDAY, AUGUST 21, 2024 - 1:30 P.M.
24580 Silver Cloud Court, 3rd Floor, Monterey, CA 93940

ZOOM MEETING OPTION FOR PUBLIC

Link to meeting: <https://us02web.zoom.us/j/84823309032>

Webinar ID: 848 2330 9032

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

Members of the public that wish to participate in the meeting may do so by joining the Zoom Webinar ID, attending in-person at 24580 Silver Cloud Ct. Monterey, or attending in-person at remote teleconference locations when listed above. 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 live meeting verbal public comments may be made by members of the public joining the meeting via Zoom. 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 meeting 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.

To Submit Public Comment Before the Meeting: Persons who wish to address the Board 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, August 20, 2024. Comments received will be distributed to the Board prior to the meeting.

SUMMARY OF ACTIONS

1. CALL TO ORDER - **The meeting was called to order by Chair Lopez at 1:43 p.m.**
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL - **Present:** Wendy Askew, Sandy Brown, Mary Ann Carbone, Kollin Kosmicki, Chris Lopez, Luis Alejo (Alternate for Mary Adams). **Absent:** Mary Adams, Zach Friend, Mike LeBarre, Orlando Osornio, Rick Perez. **Arrived after roll call:** Felipe Hernandez arrived at 2:13 p.m. during Agenda Item #15.
4. PUBLIC COMMENT – **None.**
5. REPORTS BY COMMITTEE CHAIRS ON COMMITTEE MEETINGS
 - a. Budget, Personnel, and Nominating Committee – The Budget, Personnel, and Nominating Committee has not met since our last board meeting.
 - b. Advisory Committee
6. COMMENTS AND REFERRALS FROM CHAIR AND BOARD MEMBERS – **None.**
7. REPORT FROM AIR POLLUTION CONTROL OFFICER
Richard Stedman, APCO, reported on the following:

Advisory Committee

The Advisory Committee has not met since our last board meeting.

Engineering and Compliance

- In July 2023, EPA published a final rule to remove the Title V emergency affirmative defense provisions from state operating permit programs. This action requires MBARD to update our Title V federal operating permit Rule 218 to be consistent with EPA's rule. The revisions to Rule 218 will go out to the public for review this summer and come to the Board for adoption at the August meeting.
- On June 3, the Hearing Board approved a variance for UC Santa Cruz to operate a natural gas emergency generator while changing out a transformer during a planned power outage.
- We are working with an attorney, Matt Maclear, to take the next steps of legal action for the gas station in Marina operating without a permit. This initially went to our Hearing Board for an abatement order which was not successful in achieving

compliance. On June 7, 2024, the case was filed with the Monterey County Superior Court.

- No odor complaints have been received from Marina residents since the April Board meeting.

Planning and Air Monitoring

- Just as the Spare the Air wood heating season ended, fire season began. We are tracking several fires and smoke impacts from northern California experienced in our tri-county area.
- Since the November 2023 start of the Wood Stove Change Out Program – MBARD has awarded \$134K toward incentives for the purchase of new, more efficient, and EPA-compliant wood-burning stoves. The majority of the incentives have been for purchases in the San Lorenzo Valley, a smoke-sensitive area. This will help reduce smoke impacts from wood burning for home heating.
- With the – ZERO EMISSION SCHOOL BUS PROGRAM – MBARD has helped provide two electric school buses that were recently delivered to:
 - Santa Cruz City Schools
 - San Benito High School District
- Since the November 2023 start of the LEEP Program – MBARD has awarded \$36K for residential and \$81K for commercial incentives for the replacement of gas engine-powered landscape equipment for the exchange of cleaner, electric equipment.
- AB 2766 Grant Program application deadline has been extended until August 2nd.
- MBARD is moving forward with an opportunity to work with Morgan State University and NASA for a three-year project involving pollutant data collected from the MBARD Clarity Sensor Network. NASA researchers will review PM_{2.5}, PM₁₀, and NO₂ data collected by the sensors. This data will then be used to compare data collected from NASA satellite remote sensing and further analysis from global air quality models. The goal of the project is to enhance the utility of air pollution sensor technology and create protocols and tools to establish a calibration framework for sensors and sensor manufacturers. This data will also be shared with EPA for their knowledge and research in establishing future sensor technology for data collection regulations. This is an exciting opportunity for MBARD to help with the evolution of sensor technology to improve their reliability and for their use in air pollution regulatory monitoring
- There has been approximately 673 acres of prescribed burning in the jurisdiction from the start of 2024 until June 18.

Outreach

- MBARD Planners Ty Bell and Eli Lessman participated in the May 8th Electric Vehicle Field Day at McIntyre Vineyards, Soledad. Link to a social media post of photos from the event: <https://fb.watch/sM3Ck0u5on/>
- The Landscape Equipment Exchange Program (LEEP) and the Wood Stove Change-out Program (WSCOP) continue to be advertised on Spanish and English radio stations, KSBW online ads, newspapers, magazines, and social media sites.
- Please save the date for MBARD's 50th Anniversary Open House on Wednesday, August 21, at 3:00 p.m., following the Board meeting.

CONSENT AGENDA

Motion: Approve items on the Consent Agenda. **Action:** Approve. **Moved by** Luis Alejo, **Seconded by** Sandy Brown. **Vote:** Motion carried unanimously. **(summary: Yes = 6). Yes:** Wendy Askew, Sandy Brown, Mary Ann Carbone, Kollin Kosmicki, Chris Lopez, Luis Alejo (Alternate for Mary Adams). **Absent:** Mary Adams, Zach Friend, Felipe Hernandez, Mike LeBarre, Orlando Osornio, Rick Perez.

8. **Accepted** and **Filed** Summary of Actions for the June 19, 2024, Board of Directors Meeting
9. **Accepted** and **Filed** Report of Summary of Mutual Settlement Program Actions for June 2024 and July 2024
10. **Appointed** Leslie J. Girard as a Hearing Board Public Member
11. **Adopted** the Proposed Updates to the CARB Grant Programs Policies and Procedures Manual
12. **Resolution No. 24-010: Adopted** a Resolution Approving Revisions to Mutual Settlement Policy and Procedure and Authorize the Air Pollution Control Officer to Approve Future Administrative Revisions
13. **Resolution No. 24-011: Adopted** a Resolution Authorizing the Air Pollution Control Officer to Enter into an Agreement with the Ventura County Air Pollution Control District to Receive Approximately \$60,000.00 in California Air Resources Board Woodsmoke Reduction Program Grant Funds

REGULAR AGENDA

14. **Resolution No. 24-012: Held** a Public Hearing and **Adopted** Resolution Approving Revisions to Rule 218: Title V Federal Operating Permits

Motion: Adopt the resolution. **Action:** Approve. **Moved by** Luis Alejo, **Seconded by** Mary Ann Carbone. **Vote:** Motion carried unanimously. **(summary: Yes = 6).** **Yes:** Wendy Askew, Sandy Brown, Mary Ann Carbone, Kollin Kosmicki, Chris Lopez, Luis Alejo (Alternate for Mary Adams). **Absent:** Mary Adams, Zach Friend, Felipe Hernandez, Mike LeBarre, Orlando Osornio, Rick Perez.

Felipe Hernandez arrived during Agenda Item #15.

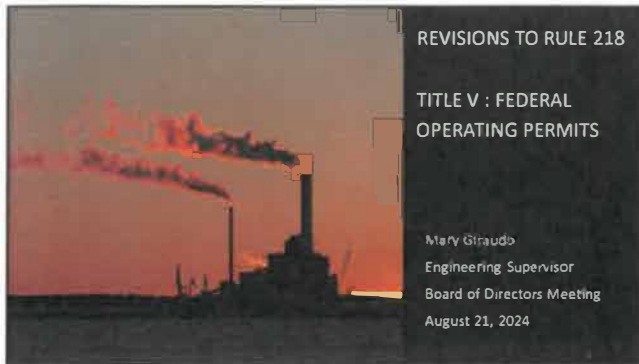
15. **Authorized** the Air Pollution Control Officer to Implement the Zero Emission School Bus Program (ZESBP) Utilizing \$2 Million in AB923 funds

Motion: Authorize the Air Pollution Control Officer to Implement the Zero Emission School Bus Program (ZESBP) Utilizing \$2 Million in AB923 funds. **Action:** Approve. **Moved by** Luis Alejo, **Seconded by** Felipe Hernandez. **Vote:** Motion carried unanimously. **(summary: Yes = 7).** **Yes:** Wendy Askew, Sandy Brown, Mary Ann Carbone, Felipe Hernandez, Kollin Kosmicki, Chris Lopez, Luis Alejo (Alternate for Mary Adams). **Absent:** Mary Adams, Zach Friend, Mike LeBarre, Orlando Osornio, Rick Perez.

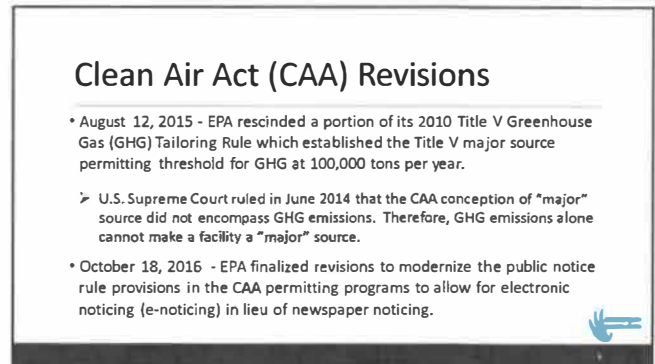
16. Adjournment - **The meeting adjourned at 2:16 p.m.**

Sirie Thongchua
Executive Assistant

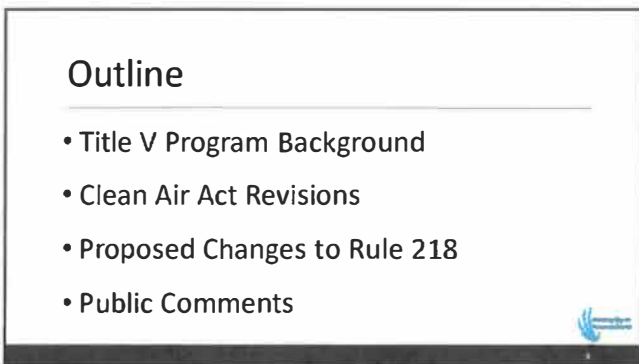
Agenda Item No. 10



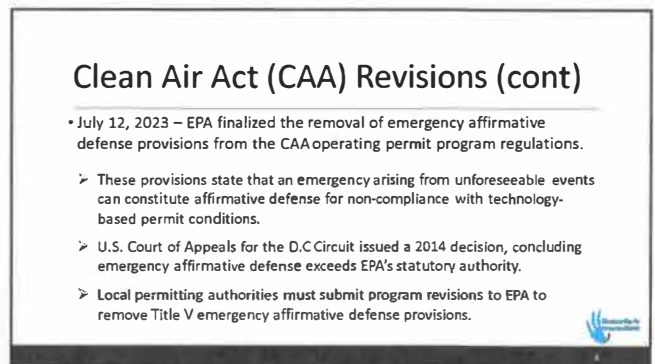
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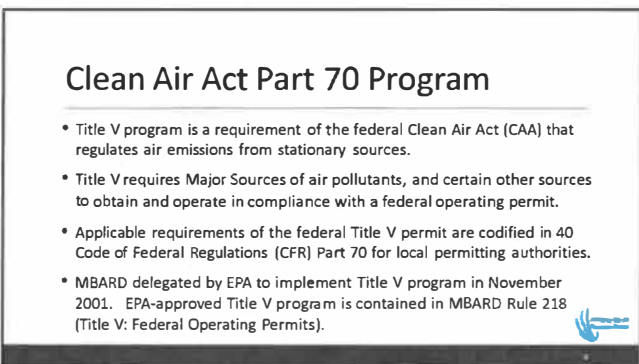
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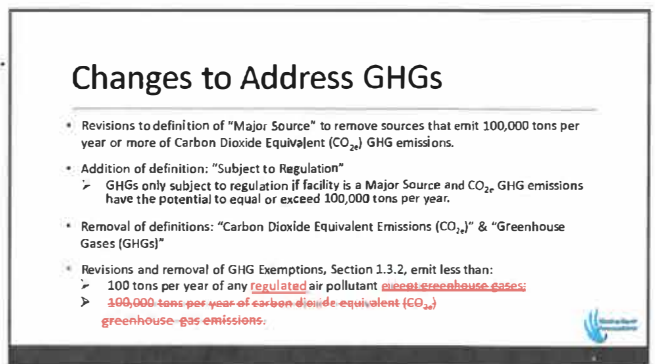
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Changes to Public Notification

- Remove mandatory requirement to provide public notice through publication in one newspaper.
- Update rule to allow for:
 - Publication in one newspaper, or
 - Posting notice for entire 30 days on MBARD website; and,
 - Email distribution to interested parties who are subscribed on MBARD's list.



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Public Comments

- Advisory Committee Meeting August 1, 2024
 - No Comments Received
- Public comment period ended August 2, 2024
 - No Comments Received
- EPA comments received on August 8, 2024.
 - Comments were addressed in staff report and changes are reflected in the Rule 218 proposed for adoption.



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Changes to Emergency Provisions

- Remove Emergency Provisions Section 4.2.15
 - Ensures Rule 218 conforms with EPA's Title V operating permit program regulation based on the prior court decision.
- Remove definition of Emergency



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Recommendation

Adopt Resolution Approving Revisions to Rule 218, Title V: Federal Operating Permits



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Miscellaneous Changes

- Revisions to definitions
 - Removal of *District*
 - Addition of *MBARD*
- Updated Formatting
- Addressed EPA's August 8, 2024, comments
 - Added missing conforming program definitions & elements



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Questions?

Mary Gimudo
Engineering Supervisor
mgiraudo@mbard.org





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Agenda Item No. 10

Zero Emission School Bus Program (ZESBP)

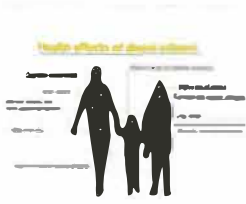
FOR FY2024-25

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Program Goal


- 25 million children ride school buses every day (EPA 2023)
- Children exposed to diesel exhaust
 - Carbon dioxide
 - Nitrogen oxides
 - Volatile organic compounds (VOCs)
 - Particulate matter (PM)
 - Toxics
- More susceptible- lungs are not fully developed and have faster breathing rates
- "The primary goal is to reduce children's exposure to both cancer-causing and smog-forming pollution"**



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Program History


- AB 923 - 2004**
 - Increased the motor vehicle registration fee by \$2
 - Fund projects in different "clean air categories"
- Lower Emission School Bus Program (LESBP)- 2004**
 - Focused funds on the **replacement** of old diesel school buses with modern diesel models
 - Adding diesel particulate filters
- Zero Emission School Bus Program (ZESBP)-2015**
 - CARB Mail-Out #MSC 15-19
 - Established guidelines for electric bus fleet **expansion**
- As of 2024 ZESBP...**
 - 12 buses
 - \$2.5 million in AB 923 funds



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AB 923 Funds

- AB923 Funding Advantages**
 - local funds
 - More flexibility- usage of funds and reporting
 - Fleet expansion
- \$2 Million budgeted for FY24-25**
 - 6-7 projects- depending on bus types requested and additional funding sources leveraged



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Program Requirements

- Program requirements established in CARB Mail-Out #MSC 15-19
- Requirements include:
 - Applicant eligibility
 - Gross vehicle weight rating (GVWR) limits
 - Project life
 - Battery specifications- range and capacity
 - Warranty minimums
 - Eligible costs
 - CHP certification



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Eligible Applicants

- To be eligible for the program applicants must be:
 - Public school districts
 - County Offices of Education
 - Joint Powers Authority (JPA)
 - Public charter schools
- Applicants must own their own buses or contract with an entity that owns their own buses
- Be able to follow program guidelines as well as contract requirements




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Incentive Amounts and Funding

- Eligible applicants can receive up to:
 - \$400,000 for an electric bus
 - \$200,000 for charging infrastructure
- Encourage applicants to leverage other funding sources
 - Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)
- HVIP- State Program
 - Cover approximately half the cost of the bus
 - AB923 funds will cover the remainder



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Program Application

- Access application through MBARD webpage- Laserfiche form
 - processed on a first come first served basis.
- Laserfiche
 - Ease of access online
 - Clear instructions
 - Smooth workflow for applicants
 - Easy to upload documents
- Laserfiche can generate Grant Agreements automatically
 - Send to applicants after staff review



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Grant Agreement

- Contract details:
 - Grantee information
 - Funding sources and amounts
 - Project life- reporting for 5 years
 - Grantee obligations
 - Program requirements
 - Vehicle information- quotes



- Fully executed when signed by:
 - Grantee representative
 - MBARD APCO

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Eligible Buses: Examples



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Thank You
Any Questions?



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