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, February 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 1:38 p.m. by Chair Brennan.


3. Nominations and Elections of 2022 Committee Chair and Vice Chair
   a. Janet Brennan, Chair
   b. Allen Stroh, Vice Chair

4. Changes to the Agenda – None.

5. Public Comment Period – None.

6. Accepted and Filed Summary of Actions for the Advisory Committee Meeting of November 4, 2021

7. Received a Presentation from Heather Adamson, Director of Planning, Association of Monterey Bay Area Governments

8. Received a Presentation and Report on Daily Eight-Hour Peak Ozone Concentrations, Hourly Peak Ozone Concentrations, and Daily PM$_{2.5}$ and PM$_{10}$ Air Monitoring Data for 2021
9. **Received** a Presentation on Electric Bicycle Incentive Program and Electric Vehicle Incentive Program Low-Income Criteria and **Provided** Comments and a Recommendation to the Board

**Motion:** Recommend to Board opening the Electric Bicycle Incentive Program up to purchases from bike shops outside of the District.

**Action:** Approve. **Moved by Allen Stroh, Seconded by Bob Smith. Vote:** Motion carried by unanimous roll call vote (summary: Yes = 7).

**Yes:** Allen Stroh, Bob Smith, Caitlyn Turley, David Mack, Janet Brennan, Matthew McCluney, Sandy Coplin.

**Absent:** Scott Storm. **Excused:** Lacey Raak. **Left Meeting Early:** Sandy Swint, Spencer Critchley.

10. **Received** Presentation on Calendar Year 2021 Engineering and Compliance Activities

11. **Received** Report and **Provided** Comments on Evaluation of Best Available Retrofit Control Technology (BARCT) – Potential Revisions to Rule 427 Steam Driven Crude Oil Production Wells or Creation of a New Rule

12. **Received** Monthly Oral Report from Air Pollution Control Officer

   **Richard Stedman, APCO, reported on the following:**

   **District Updates**

   **Staff Changes**
   - New Engineer, Fernando Pena
   - New Air Monitoring Specialist, Eddie Ballaron
   - New Air Quality Planner, Tyrone Bell
   - Alan Romero, retired
   - Hanna Muegge, Air Quality Planner, new job at BAAQMD
   - Leif Halvorson, Inspector, new job at BAAQMD

   **Engineering**
   - Our asbestos team has successfully worked with the Santa Cruz County DA on two enforcement cases. For one case, we received $15,000 in penalties and for the other case we will receive $20,000 in penalties and $5,000 in cost recovery.
   - The asbestos abatement project at the Moss Landing Power Plant started and is expected to take several months which will be followed by demolition of the structures/components next to the two large stacks.
   - We received 7 odor complaints from Watsonville residents located in the vicinity of Lakeview Road and Highway 152. There are several seasonal lakes in the area and our Inspector Hartunian has been in contact with Santa Cruz County Environmental Health. It is believed the odors were from College Lake which is a naturally occurring lake. The rain in October added water to the lake and then it evaporated with the
warm weather in November. This created stagnant water which is believed to be the
source of the odors.
• We received notice from Chevron USA to cancel their permits for the Sargent
Canyon Cogeneration facility located in San Ardo. The facility shutdown operations
in December 2016 and the equipment will now be removed from the site.
• Marina Odor Complaints – We have had a significant increase in odor complaints in
the Marina area due to poor meteorological conditions. In addition, the compost
operations adjacent to the landfill have started back up.

Planning and Air Monitoring

• The E-Bike Incentive program is now open. There seems to be a lot of interest, but
we have not been overwhelmed with 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 141 applications received, $200K obligated, and $250K remaining.
• The 2021-22 Wood Stove Change Out Program launched on September 28. $87,500
in local funds has been budgeted for this year’s program. The program has now
exhausted the funding and we are in the process of overseeing installations of the
replacement stoves. About 60 stoves were funded and we have a waiting list 17
deep.
• The San Lorenzo Valley Spare-the-Air Program began in November. The STA Program
notifies residents of deteriorating meteorological conditions in the SLV which could
concentrate wood smoke. 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 Spring when conditions for smoke dispersion improve.

13. Future Agenda Items
• Review Woodstove Change Out Program (Mack)

14. Chairman’s Comments
• Brennan - commented on the February 3 Special and Regular committee
meetings

15. Comments from Committee Members
• Mack – commented on the Woodstove Change Out Program

16. Order for Adjournment – The meeting was adjourned at 3:48 p.m.

Sirie Thongchua
Executive Assistant
Overview

• Background
• Development of the 2045 MTP/SCS
• Policy goals
• Basis for MTP/SCS
• Project lists
• Next steps
What is AMBAG?

• Established in 1968
• Metropolitan Planning Organization
• AMBAG provides a wide range of services to member agencies
• Three counties and 18 cities
• Regional collaboration and coordination on a number of issues: economic, ecological, sustainability, transportation, etc.

What does the MTP/SCS do?

• Long range vision for our transportation system
• Determines how transportation dollars are spent in the tri-county area
• SCS demonstrates how the region can achieve GHG reduction targets determined by California Air Resources Board
How is the MTP/SCS Developed?

2045 MTP/SCS Policy Goals
AMBAG Region: Population, Employment, Housing

Number in AMBAG Region

Sources: California Department of Finance; AMBAG and PRB

Basis for MTP/SCS

- Land use pattern
  - Population, jobs and housing
- Transportation improvements
  - Transit services and programs
  - Active transportation projects
  - Roadway improvements
  - Other transportation related strategies such as electric vehicles, telecommuting etc.
Draft 2045 MTP/SCS

- Includes $13.3 billion in transportation improvements, programs and services
- Meets CARB’s GHG reduction targets
  - -3% and -6% per capita for 2020 and 2035, respectively
- Implementation strategies
  - Economic development, land use & housing, legislative, environment, technical assistance/education and transportation

Financial Assumptions

- Local, state and federal funding reasonably available
- $13.3 billion
  - $6.7 billion (MC)
  - $1.6 billion (SB)
  - $5.0 billion (SC)
Transportation Projects

- Developed with local and regional transportation partners
- Mix of multimodal and regional/local projects
  - Active transportation
  - Maintenance & rehab projects
  - Transit projects
  - Roadway projects
Project Highlights in Monterey County

• Highway 101
• FORTAG
• Rail extension
• Local roads
• Bike and pedestrian facilities
• Transit

Project Highlights in Santa Cruz County

• SR 1 Bus on Shoulder project
• Bicycle and pedestrian facilities
• Improvements to local roads
• Transit investments
• Operations and maintenance
Project Highlights in San Benito County

• SR 25
• Local streets and roads
• Bicycle and pedestrian facilities
• Transit

Next Steps

• Public comment period on the Draft 2045 MTP/SCS closed on January 31, 2022
• Respond to comments and make changes for the Final 2045 MTP/SCS
• Adoption scheduled for June 2022
Questions

Heather Adamson, AICP
Director of Planning
AMBAG
hadamson@ambag.org
Electric Vehicle Incentive Programs

Low-Income Criteria for Applicants

David Frisbe, Planning and Air Monitoring Manager
February 3, 2022
Advisory Committee Meeting

Current EBIP/EVIP Status

• EBIP - 4 applications since program opened in September 2021
• EVIP - 8 applications out of 143 total since program opened July 1, 2021
• Advertised in newspapers, online, website, social media, visited all bike shops, outreach event

Incentives for Low-Income

Electric Vehicle Incentive Program

• Low-income applicants receive double the incentive amounts

Electric Bicycle Incentive Program

• Available to low-income applicants only

Income Verified by Central Coast Energy Services

• Avoids issues with reviewing/storing personal records
• Already verify incomes for existing program
• Free to District
• Currently using the LIHEAP Eligibility, brings in more applicants for services
• Added step/complication for applicants

Other Available LI Programs

• US Dept. of Housing and Urban Development
• Emergency Rental Assistance Program (Monterey County and The United Way)
• California Alternate Rates for Energy Program (CARE)
• Family Electric Rate Assistance Program (FERA)
• Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)
• Cal Fresh/SNAP (Food Stamps)
• CalWorks (TANF)
• Medi-Cal
• Clean Vehicle Rebate Project income-qualified incentive (CVRP)
• And More...!
U.S. Dept of Housing and Urban Development
• Eligibility for assisted housing programs (Section 8)
• Median Family Income estimates and Fair Market Rent

<table>
<thead>
<tr>
<th>Monterey County</th>
<th>1 Person</th>
<th>2 People</th>
<th>3 People</th>
<th>4 People</th>
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<tbody>
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<td>84,500</td>
<td>91,000</td>
<td>97,500</td>
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<tr>
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<td>112,750</td>
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</table>

<table>
<thead>
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<th>4 People</th>
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<td>114,250</td>
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<table>
<thead>
<tr>
<th>Santa Cruz County</th>
<th>1 Person</th>
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<th>4 People</th>
<th>5 People</th>
<th>6 People</th>
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</thead>
<tbody>
<tr>
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<td>68,000</td>
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<td>81,000</td>
<td>87,500</td>
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<td>100,500</td>
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<tr>
<td>115% AMI</td>
<td>86,250</td>
<td>100,750</td>
<td>115,000</td>
<td>129,500</td>
<td>144,000</td>
<td>158,500</td>
</tr>
</tbody>
</table>

Medi-Cal
19% of Federal Poverty Level is eligible

California Alternate Rates for Energy Program (CARE)
• Determined by last 12 months of income.
• 20% discount on gas and electricity.
• May qualify if eligible for other public assistance programs:

<table>
<thead>
<tr>
<th>Household</th>
<th>1 Person</th>
<th>2 People</th>
<th>3 People</th>
<th>4 People</th>
<th>5 People</th>
</tr>
</thead>
<tbody>
<tr>
<td>80% AMI</td>
<td>98,750</td>
<td>117,750</td>
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<tr>
<td>115% AMI</td>
<td>127,250</td>
<td>156,250</td>
<td>185,250</td>
<td>214,250</td>
<td>243,250</td>
</tr>
</tbody>
</table>

Emergency Rental Assistance Program (Monterey County and The United Way)
• Tenants living within the County of Monterey, regardless of immigration status
• Tenants may have formal or informal lease arrangements
• At or below 80% Area Median Income of Monterey County
• *Program will prioritize funding for very low-income tenants (at or below 50% AMI), as well as those who are at immediate risk of homelessness or have rental arrears

<table>
<thead>
<tr>
<th>Household</th>
<th>1 Person</th>
<th>2 People</th>
<th>3 People</th>
<th>4 People</th>
<th>5 People</th>
</tr>
</thead>
<tbody>
<tr>
<td>80% AMI</td>
<td>96,000</td>
<td>112,000</td>
<td>128,000</td>
<td>144,000</td>
<td>160,000</td>
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<tr>
<td>115% AMI</td>
<td>119,200</td>
<td>135,200</td>
<td>151,200</td>
<td>167,200</td>
<td>183,200</td>
</tr>
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</table>

Central Coast Community Energy Incentive
Programs Income Eligibility
• Active enrollment in the CARE or FERA programs (verified by CCCE)
• Clean Vehicle Rebate Project income-qualified incentive (CVRP)
• Clean Vehicle Assistance Program (CVAP)
• Low Income Home Energy Assistance Program (LIHEAP)
• Energy Savings Assistance Program (ESA)
• Residency in Affordable Housing, Public Housing, or Housing Choice Vouchers (Section 8)
• Bureau of Indian Affairs General Assistance Head Start Income Eligible
• (Tribal Only)
• CalFresh/SNAP (Food Stamps)
• Women, Infants, and Children (WIC)
• CalWORKs (TANF) or Tribal TANF
• Low Income Home Energy Assistance Program (LIHEAP)
• Supplemental Security Income (SSI)
• Free or Reduced National School Lunch Program
• Applicant directly contacts CCCE staff to verify via another method

Options for Low-Income Eligibility
EVIP and EBIP
• Accept any of the above Federal, State, local, or other similar low-income program
• Or limit to specific low-income programs based on median income
• e.g. 80% of area median income (AMI)
• Require proof of active enrollment – letter or certificate instead of relying on CCES

EBIP
• Open program to all income levels
Annual 2021 Engineering and Compliance Activity Data

AMY CLYMO
ENGINEERING AND COMPLIANCE MANAGER
FEBRUARY 3, 2022

Outline
• Description of Engineering and Compliance
• Activity Data

Engineering
• Evaluate permit applications for compliance with federal, state, and local rules and regulations
• Issue permits with operating conditions
• Develop rules and regulations
• Report annual stationary source emission inventory

Engineering Data

<table>
<thead>
<tr>
<th>Activity</th>
<th>Calendar Year 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permit Applications Received</td>
<td>322</td>
</tr>
<tr>
<td>Startup Inspections</td>
<td>110</td>
</tr>
<tr>
<td>Authorities to Construct Issued</td>
<td>199</td>
</tr>
<tr>
<td>Permits to Operate Issued</td>
<td>302</td>
</tr>
<tr>
<td>Agricultural Diesel Engine Registrations</td>
<td>1</td>
</tr>
<tr>
<td>Title V Permits Issued</td>
<td>4</td>
</tr>
<tr>
<td>Emission Reduction Credits Issued</td>
<td>1</td>
</tr>
</tbody>
</table>

Compliance
• Conduct inspections of permitted sources
• Ensure compliance with permit conditions
• Take enforcement action for violations
• Ensure compliance with the federal asbestos regulation
• Respond to complaints

Permitted Units

<table>
<thead>
<tr>
<th>Permit Type</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>Ste and Gas Engine Permit D2</td>
<td>1</td>
</tr>
<tr>
<td>Agricultural Diesel Engine Registrations</td>
<td>1</td>
</tr>
<tr>
<td>Title V Permit</td>
<td>4</td>
</tr>
<tr>
<td>Emission Reduction Credit Permit</td>
<td>1</td>
</tr>
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</table>
## Compliance Data

### Activity Calendar Year 2021

<table>
<thead>
<tr>
<th>Activity</th>
<th>Count</th>
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<tbody>
<tr>
<td>Compliance Inspections</td>
<td>1,177</td>
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<tr>
<td>Notices to Comply</td>
<td>128</td>
</tr>
<tr>
<td>Notices of Violation</td>
<td>50</td>
</tr>
<tr>
<td>Asbestos Notifications</td>
<td>294</td>
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<tr>
<td>Asbestos Inspections</td>
<td>191</td>
</tr>
<tr>
<td>Complaints Received</td>
<td>230</td>
</tr>
<tr>
<td>Breakdowns Received</td>
<td>23</td>
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<tr>
<td>Source Tests Observed</td>
<td>18</td>
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<tr>
<td>Variance Orders Issued</td>
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</table>

### Multi-Year Activity Trends

![Graph showing multi-year activity trends](image)
Evaluation of BARCT - Consideration of Revision to Rule 427 or Creation of a New Rule for Crude Oil Facilities Subject to AB 617

AMY CLYMO
ENGINEERING AND COMPLIANCE MANAGER
FEBRUARY 3, 2022

Outline
• Background Rule Schedule
• Rule Review
• BARCT Definition
• Recommendation

Background
• AB 617 added language to the Health & Safety Code which requires an air district that is nonattainment for one or more criteria pollutants to adopt an expedited rule development schedule that implements Best Available Retrofit Control Technology (BARCT).

• BARCT requirements only apply to industrial sources subject to the State Cap & Trade program as of January 1, 2017.

• There are four industrial sources located in Monterey County.

BARCT IMPLEMENTATION SCHEDULE

Rule Development Sources

<table>
<thead>
<tr>
<th></th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steam Generators/ Boilers/ Process Heaters</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Internal Combustion Engines</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steam Driven Oil Production Wells (revision Rule 427)</td>
<td></td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lime Kiln</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
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</tbody>
</table>

Schedule approved by the Board of Directors on November 14, 2018

Rule 417 Storage of Organic Liquids

• Purpose of Rule 417
  - Limit VOC emissions from the storage of organic liquids.

• Rule 417 Requirements
  - Control of organic liquid storage tanks utilizing a pressure vacuum vent, installation of a vapor control system, or use of a floating roof tank.
  - Leak detection for vapor recovery system
  - Implementation of this rule reduces VOC emissions up to 65%.
Rule 427 Steam Driven Crude Oil Production Wells

- **Purpose of Rule 427**
  - Limit VOC emissions from steam-enhanced crude oil production wells.

- **Rule 427 Requirements**
  - Leak detection and repair (LDAR) program required for minimizing leaks with specific repair thresholds and timelines.
  - VOC emissions from wells must be reduced by at least 98%.

- Implementation of this rule reduces VOC emissions up to 98%.

BARCT Rule Evaluation

- District staff compared regulatory requirements of Rules 417 and 427 to other air district requirements, state, and federal regulations.
- Other regulatory agencies rules reviewed:
  - SJVAPCD Rule 4401 - Currently under review
  - SCAQMD Rules 1148, 1148.1, and 1173
  - VCAPCD Rule 71
  - SBAPCD Rule 325
  - CARB GHG Emission Standards for Crude Oil and Gas Natural Gas Facilities - Will undergo review 2022/2023
  - EPA New Source Performance Standards for Oil and Gas Sector

BARCT DEFINITION

Emission limitation that is based on the maximum degree of reduction achievable, taking into account environmental, energy, and economic impacts by each class or category of source.

(Health and Safety Code Section 40406)

Conclusions

- CARB, EPA, and SJVAPCD in process of updating their regulations for oil and natural gas sector.
- CalGEM in review process for a new rule for oil and gas production operation.
- The California Air Resources Board redesignated MBARD to attainment for the state 8-hour ozone standard in 2020.

A new BARCT rule to address leak detection and vapor control at three oil and gas facilities is not necessary.
Recommendation

Provide comments on proposal of no further action to create a new rule due to several other federal, state, and local air district rulemaking activities in the oil and gas sector.