



Monterey Bay Air Resources District BOARD OF DIRECTORS MEETING

JERRY MUENZER, CHAIR

WEDNESDAY, NOVEMBER 14, 2018 – 1:30 P.M.

24580 SILVER CLOUD COURT, BOARDROOM, 3RD FLOOR, MONTEREY, CA

Summary of Actions

1. Call to Order – The meeting was called to order by Chair Muenzer at 1:32 p.m.
2. Pledge of Allegiance
3. Roll Call

<u>Present</u>		<u>Absent</u>
Jerry Muenzer, Chair	Steve McShane	Steve Dallas
Ryan Coonerty, Vice Chair	Jane Parker	Zach Friend
Felipe Hernandez	John Phillips	
Lowell Hurst	Simon Salinas	
Fred Ledesma		
4. Public Comment Period – **None.**
5. Reports by Committee Chairs on Committee Meetings
 - a. Budget, Personnel, and Nominating Committee
 - b. Advisory Committee
6. Comments and Referrals From Chair and Board Members
 - a. **Director McShane** announced a sustainability fair and electric vehicle driving event to be held at the Salinas City Hall on January 19, 2019.
7. Report From Air Pollution Control Officer
 - District Business
 - APCO has been elected co-president of the National Association of Clean Air Agencies.
 - APCO is also now serving on the Coastal Regional Prioritization Group of the California Forest Management Task Force.
 - Engineering
 - The CAPCOA Air Pollution Control Officers and the CAPCOA Engineering Managers both met in separate meetings in late October here in Monterey.
 - Engineering has conducted its review of ExxonMobil's request to be delisted as a Title V source, and EPA concurs that the facility no longer be defined as a Title V source or a synthetic minor source. MBARD will conduct a 30-day public notice, prior to cancelling the Title V permit.
 - District continues to receive odor complaints from residents living in the City of Marina. The District wants to be responsive to the public's concerns but it is a drain on our staff to handle numerous complaints where we have no jurisdiction and cannot mitigate public complaints. It is

November 14, 2018

- our understanding that the bio-digester operator is re-evaluating their operation to assess whether additional measures are needed to minimize odors.
- On November 2, we hosted a meeting with the Monterey County Vintners Association, several local winery representatives, The Wine Institute representative, and several Monterey County representatives (Lou, Carl, and Nick). The meeting allowed us to again explain the permitting requirements for winery operations and listen to concerns from the industry.
 - Planning and Air Monitoring
 - Massive wildfires burning throughout the State have caused air quality to degrade significantly in the Monterey Bay Area over the past weekend, especially in Santa Cruz County.
 - The Ft. Ord prescribed burn window is still open. The Army is planning to conduct burns in two areas of the former Army base; 46 acres in the Impact Area and 215 acres in the National Monument. Burns have not taken place yet due to a lack of resources and low fuel moisture.
 - The Prunedale DC fast charge stations, installed through the Plug-in Monterey Bay Program using AB 923 funds, has been completed and will soon be open to the public.
 - The District-wide Wood Stove Change-out program launched on September 24. So far 222 applications have been processed with \$277,500 of funds obligated.
 - The EV Incentive program is complete with ~ \$399,750 obligated and 307 applications received.
 - Staff is working with the CEC and Monterey Bay Community Power to coordinate the Plug-in Monterey Bay Program with CALeVIP, the CEC's incentive program for EV Infrastructure.
 - San Lorenzo Valley
 - Spare the Air program was launched on November 1. Staff will observe weather conditions and air quality in the SLV to forecast when a Spare the Air alert will be declared. The program will run through Spring when conditions for smoke dispersion improve.
 - San Lorenzo Valley PM2.5 seasonal monitors have been installed in preparation for the increased wintertime use of wood stoves and fireplaces. San Lorenzo Valley monitors are located at the Felton, Zayante, and Boulder Creek fire departments, and the CAL FIRE Headquarters in Felton.
 - Annual San Lorenzo Valley Student Art Contest was launched in September. The contest provided an opportunity for students to learn about how the use of wood burning stoves and fireplaces affects air quality. This year's theme was "Clean heat, clear skies."

CONSENT AGENDA

Upon motion by Director Hurst and seconded by Director Coonerty the Board unanimously moved approval of the Consent Agenda with the exception of Agenda Item No. 12, which was pulled from consent and placed on the Regular Agenda for consideration by the Board.

8. **Accepted and Filed** Summary of Actions for the October 17, 2018 Board of Directors Meeting
9. **Received and Filed** Budget to Actual Report for the Four Months Ended October 31, 2018
10. **Accepted and Filed** Report of Summary of Mutual Settlement Program Actions for the Month of October 2018
11. **Authorized** the Air Pollution Control Officer to Amend the Community Air Protection Program Agreement with the California Air Resources Board and Accept Additional Funding of \$30,000 Bringing the Total Grant Amount to \$158,300

The item below was pulled from the Consent Agenda and moved to the Regular Agenda as Agenda Item No. 14.a for separate consideration by the Board.

~~12. Adopt a Resolution to Add a New Clean Air Fund Policy and the Current General Fund Reserve Policy to the District's Administrative Policies and Procedures Manual and to Revise Existing Policies B.4.c., Purchases of \$1,000 or More, and C.2.h., Conflicts of Interest~~

~~Reference: Joyce Giuffre, Administrative Services Manager~~

~~Recommended Action: Adopt the resolution.~~

13. **RESOLUTION NO. 18-029: Adopted** a Resolution Authorizing the Air Pollution Control Officer to Enter into a Grant Agreement with the California Air Resources Board and Accept \$60,000 in Funding

REGULAR AGENDA

14.a. **RESOLUTION NO. 18-030: Adopted** a Resolution to Add a New Clean Air Fund Policy and the Current General Fund Reserve Policy to the District's Administrative Policies and Procedures Manual and to Revise Existing Policies B.4.c., Purchases of \$1,000 or More, and C.2.h., Conflicts of Interest
Upon motion by Director McShane and seconded by Director Hurst the Board unanimously moved to adopt the resolution and gave further direction to staff to return to the next Board meeting with a report on applications and allocations related to the item, and then annually thereafter.

14.b. **RESOLUTION NO. 18-031: Adopted** a Resolution Authorizing Implementation of an Expedited Best Available Retrofit Control Technology (BARCT) Implementation Schedule Required by AB617
Upon motion by Director Phillips and seconded by Director Salinas the Board unanimously moved to adopt the resolution.

CLOSED SESSION

15. The Board **met** in Closed Session pursuant to Government Code section 54950 on the following items:

- a. Existing litigation pursuant to Government Code section 54956.9 (d) (1) – MBARD v. Superior LLC, et al, Monterey County Superior Court case no. 18CV004087 – **No reportable action.**

16. Adjournment – **The meeting was adjourned at 2:40 p.m.**

Ann O'Rourke
Executive Assistant


Expedited Schedule for Best Available Retrofit Control Technology (BARCT)

Amy Clymo, Engineering and Compliance Manager
November 14, 2018




Outline

- Overview of AB617 Requirements
- Definition of BARCT
- Sources Subject to BARCT
- Expedited BARCT Schedule




AB617 Overview

- Bill signed into law in 2017
- Stationary source emission reporting requirements
- Community-level air monitoring
- Community emissions reduction programs
- **Adopt expedited BARCT implementation schedule by January 1, 2019**



What is BARCT?

- 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)




SACRAMENTO METROPOLITAN AQMD RULES AND REGULATIONS

RULE 411, NO_x FROM BOILERS, PROCESS HEATERS AND STEAM GENERATORS
Adopted 02-02-95
(Amended 11/7/96, 01/09/97, 7/22/99, 10/27/05, 8/23/07)

300 STANDARDS


301 **BARCT EMISSIONS LIMITS - GASEOUS FUEL FIRING:** Except as provided in Section 113, the NO_x and CO emissions from any unit shall not exceed the limits specified in the table below. The NO_x and CO emission limits shall be measured as parts per million by volume on a dry basis, as determined pursuant to Section 501, and corrected to three percent oxygen, when firing on gaseous fuels.

Unit Size/Description mmBtu/hr Input	Effective May 31, 1997		Effective (See Section 407)	
	NO _x Limit ppmvd@ 3% O ₂	CO Limit ppmvd@ 3% O ₂	NO _x Limit ppmvd@3 % O ₂	CO Limit ppmvd@ 3% O ₂
Greater than or equal to 1 and less than 5	-	-	30	400
Greater than or equal to 5 and less than or equal to 20	30	400	15	400
Greater than 20	30	400	9	400
Gas Fired Reformer Furnaces	30	400	30	400
Greater than or equal to 5 and fired on landfill gas or a combination of landfill gas and natural gas	30	400	15	400
Load Following Units greater than or equal to 5 mmBtu/hr input	30	400	15	400



BARCT Schedule Applicability

- Air District that is a nonattainment area for one or more air pollutants
 - State 8-hour ozone and 24-hour PM₁₀
- Schedule applies to industrial sources subject to state Cap-and-Trade program




Subject Sources

- Applicable to industrial sources subject to cap and trade:
 - Aera Energy LLC
 - Chevron USA, Inc.
 - Eagle Petroleum LLC
 - Lhoist North America of Arizona, Inc.




Expedited BARCT Schedule

- Priority for sources that have not modified emissions limits for longest period of time
- Does not apply to sources that have implemented BARCT since 2007
- Must implement BARCT by earliest feasible date, no later than 12/31/2023




Approach

- Review equipment at four subject facilities
- Review date of permitted units emission-related modifications
- Review other air district BARCT rules
- Focus on rules addressing nonattainment pollutants – ozone precursors
 - NOx and VOC



Proposed Expedited BARCT Schedule

Rule Development Sources	2019	2020	2021	2022	2023
Steam Generators/ Boilers/Process Heaters	■	■			
Internal Combustion Engines		■	■		
Steam Driven Oil Production Wells (revise Rule 427)			■	■	
Lime Kiln				■	■




Public Meetings

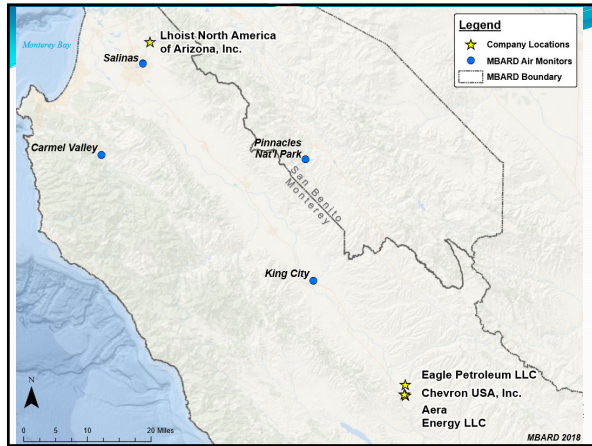
- Advisory Committee, October 4
- Public workshop on October 15 - Agricultural Conference Room, Salinas
- Written comments received from one of the sources subject to BARCT. No public comments received.



Items to Consider in Adopting Schedule

- Local public health and clean air benefits to the surrounding community;
- Cost-effectiveness of each control option;
- Air quality and attainment benefits of each control option.





Recommendation

- Adopt a resolution to implement the Expedited BARCT schedule.

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Lime Kiln					