



# MONTEREY BAY AIR RESOURCES DISTRICT ADVISORY COMMITTEE MEETING

JANET BRENNAN, CHAIR

THURSDAY, SEPTEMBER 1, 2022 – 1:30 P.M.

(Following the Special Advisory Committee Meeting)

## REMOTE MEETING ONLY

Link to meeting: <https://us02web.zoom.us/j/86808043910>

Webinar ID: 868 0804 3910

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](mailto: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](mailto:sirie@mbard.org) by 5:00 p.m. on Tuesday, August 30, 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 by Chair Brennan at 1:35 p.m.**
2. Roll Call - **Present:** Eric Andresen, Janet Brennan, Zane Hatchett, David Mack, Matthew McCluney, Lacey Raak, Bob Smith, Allen Stroh, Caitlyn Turley. **Absent:** Sandy Coplin, Scott Storm, Sandy Swint.
3. Changes to the Agenda –  
**David Frisbey, Planning and Air Monitoring Manager:** He will report on behalf of Richard Stedman, APCO, who is out of the office. He requested Agenda Item No. 6 be continued until the next meeting because no presenter was available. He reported that staff will look into inserting color copies of graphs into agenda booklets per a Committee member's request.
4. Public Comment Period – **None.**
5. **Accepted** and **Filed Amended** Summary of Actions for the Advisory Committee Meeting of June 2, 2022. Amended Agenda Item No. 8, APCO Report, Section 9. Future Agenda Items - corrected spelling of Allen Stroh's last name from Strohl to Stroh.
6. **Continued** Presentation on Climate Action Plan (TBD)  
*Action: Continued presentation until next meeting; no action required.*
7. **Received** Presentation on Mid-Year 2022 Engineering and Compliance Activities  
*Action: Receive presentation; no action required.*
8. **Received** a Presentation and Report on Daily Eight-Hour Peak Ozone Concentrations, Hourly Peak Ozone Concentrations, PM<sub>2.5</sub> and PM<sub>10</sub> Air Monitoring Data for the First Half of 2022  
*Action: Received presentation; no action required.*
9. **Received** an Update on the Air Toxics Program  
*Action: Receive update; no action required.*
10. **Received** Monthly Oral Report from Air Pollution Control Officer  
**David Frisbey, Planning and Air Monitoring Manager, reported on the following:**  
**Previous Board Meeting**
  - August 17, 2022
    - Mid-year Air Monitoring Update
    - Mid-year Engineering and Compliance Update

- Modified Board Meeting Schedule to every other month, reserve monthly scheduled dates for special meetings
  - No meetings in January and July

### **District Updates**

#### **District Business**

MBARD has had a significant number of staff come down with COVID-19. We have been following our own COVID-19 plan which is based on local, state, and federal requirements.

#### **New Recruitments Underway**

- Just interviewed for Air Quality Planner. Two positions open.

#### **Engineering and Compliance**

- We had our first Hearing Board meeting of the year last month. The Hearing Board presides over variance requests which may allow a facility that is out of compliance to continue operating while completing an approved action plan to correct the situation. We still have two vacant member positions for this Board, a medical professional, and a public member. Two applications for public members were received in August. We will take the applications received in August and September to the Board for review in October.
- We received several odor complaints last month regarding the industrial wastewater treatment pond located at 1321 South Street, Hollister. This pond receives water from the San Benito Foods tomato processing. We are currently investigating the odor complaints, but we have had nuisance violations at this location in 2016 and 2018.
- We had two Marina odor complaints, one on June 22 and one on July 28. Based on the information we received, normal operations occurred at the landfill and wastewater treatment plant on both days. Finally, it is our understanding that the City of Marina selected SCS Engineers as the consultant for an Odor Attribution Study.
- We have received complaints regarding a construction project at Santa Cruz High School. The lead abatement project is not regulated by MBARD, so we have not received an asbestos notification. The complaints were regarding a pile of asbestos cement pipes partially covered and stored behind a storage container on Taylor Street. This material is typically not regulated by our agency, and it was also an amount below the regulatory threshold. As soon as we were notified of the concerns, we contacted the consultant at the site and the pipes were removed on August 3. We continue to receive complaint calls and have not identified current work at the site that is subject to our regulations.
- Yesterday, the Governor issued a Proclamation of a State of Emergency concerning electricity reliability that is in effect from August 31 through September 7, 2022. The Proclamation suspends certain engine permitting requirements and allows facilities to operate engines if needed to keep the grid stable based on Energy Emergency Alerts issued by the California Independent System Operator (CAISO).

### **Planning and Air Monitoring**

- Introduce Kara Hall, our newest Air Quality Technician
  - BS in Public Affairs with a major in Environmental Management from Indiana University.
  - Has extensive work experience in public outreach, natural resources, and scientific research.
    - Past employment: REI – Sales Lead, Monterey Bay Aquarium – Guest Representative, Monterey Bay Whale Watch – Naturalist, Point Lobos – Park Aide, Indiana University – Research Assistant
- Air Monitoring staff are installing more Clarity low-cost sensors in Prunedale, Castroville, and Aptos for the Wildfire Smoke Monitoring Network, bringing the total number of sensors to 30. Sensors have been installed at public schools in each of the municipalities and in densely populated unincorporated areas to provide better information to the public during wildfire smoke events.
- Planning staff recently met with the County of Monterey Office of Emergency Services and Breathe California to discuss the potential deployment of portable air filters to Clean Air Centers during wildfire smoke events. MBARD may receive grant funding from CARB to purchase a cache of portable air filters. Staff will also reach out to Santa Cruz and San Benito Counties' emergency services.
- The electric bicycle incentive program which provides \$500, with an additional \$500 for low-income applicants, to purchase an electric bicycle has already ended for this fiscal year. All \$50,000 budgeted for the program has been obligated. 37 of the 64 recipients were low-income.
- 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 about 45 approved applications, 7 of which are low-income. \$94,000 has been obligated, and \$256,000 is remaining, approximately.
- National Drive Electric Day Salinas Ride, Drive & Display Show
  - Sunday, October 2, 2022, 11 am – 4 pm
  - 11 Station Place, Salinas – New Extension Parking Lot at the Commuter Amtrak Station
  - 300-500 attendees expected
  - Activities: Dealer test drive cars, EV Owner cars/electric motorcycles on display, Fun, educational activities at booths staffed by community-based organizations like MBARD, Kids and Game stations, E-bike test rides, Food truck

Lastly, California Clean Air Day is October 5, 2022. This is a unified day of action where Californians can create new habits to clear the air for all members of California's diverse communities. Now is the time to get the word out and make a clean air pledge. Go to MBARD's custom link

[\(https://www.cleanairday.org/pledge/individual/MontereyBayAirResourcesDistrict/\)](https://www.cleanairday.org/pledge/individual/MontereyBayAirResourcesDistrict/) to take the clean air pledge as an individual or sign-up your organization.

11. Future Agenda Items

**Stroh** – Discuss changing Advisory Committee meeting schedule

12. Chairman's Comments – **None.**

13. Comments from Committee Members – **None.**

14. Order for Adjournment – **The meeting adjourned at 2:22 p.m.**

*Sirie Thongchua*  
*Executive Assistant*

# Mid-Year 2022 Engineering and Compliance Activity Data

AMY CLYMO  
ENGINEERING AND COMPLIANCE MANAGER  
SEPTEMBER 1, 2022



1

## Outline

- Description of Engineering and Compliance
- Activity Data



2

## 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



3

## Engineering Data

Activity	Mid-Year 2022
Permit Applications Received	129
Authorities to Construct Issued	100
Startup Inspections	98
Permits to Operate Issued	134
Agricultural Diesel Engine Registrations	1
Title V Permits Issued	1
Emission Reduction Credits Issued	1



4

## 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



5

## Compliance Data

Activity	Mid-Year 2022
Compliance Inspections	802
Notices to Comply	47
Notices of Violation	20
Asbestos Notifications	189
Asbestos Inspections	158
Complaints Received	102
Breakdowns Received	7
Variance Orders Issued	0
Source Tests Observed	7



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## Accela Database

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- Go Live One-Year Anniversary on July 19, 2022
- Completed first renewal fee process for agricultural engine registrations on July 28, 2022



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Questions?


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# Air Monitoring Mid-Year Summary for 2022

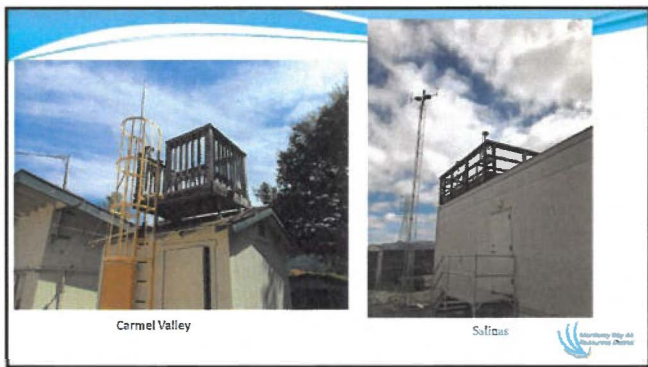
Bill Chevalier  
Supervising Air Monitoring Specialist  
September 1, 2022



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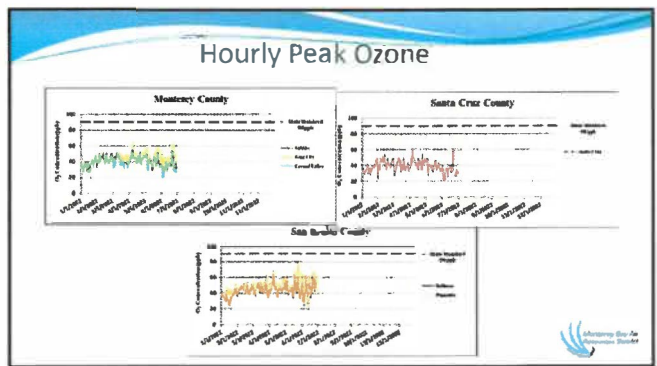


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### Ambient Air Quality (Daily) Standards

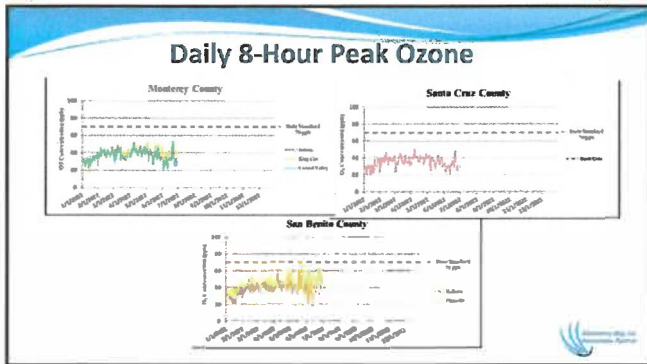
Pollutant	Averaging Time	California Standards	National Standards	
		Concentration	Primary Concentration <sup>a</sup>	Secondary Concentration <sup>a</sup>
Ozone	1 hour	0.090 ppm	—	—
	8 hour	0.070 ppm	0.070 ppm	0.070 ppm
PM <sub>2.5</sub>	24 hour	—	35 µg/m <sup>3</sup>	Same
PM <sub>10</sub>	24 hour	50 µg/m <sup>3</sup>	150 µg/m <sup>3</sup>	Same

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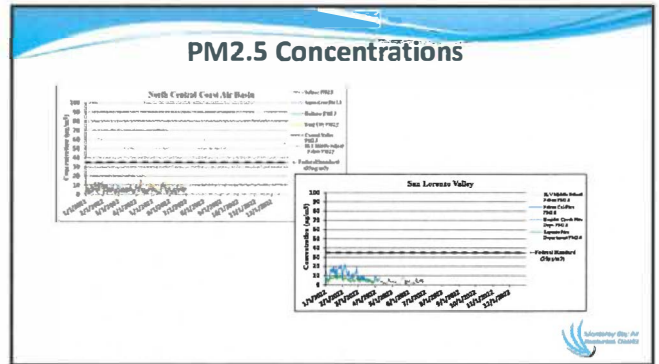


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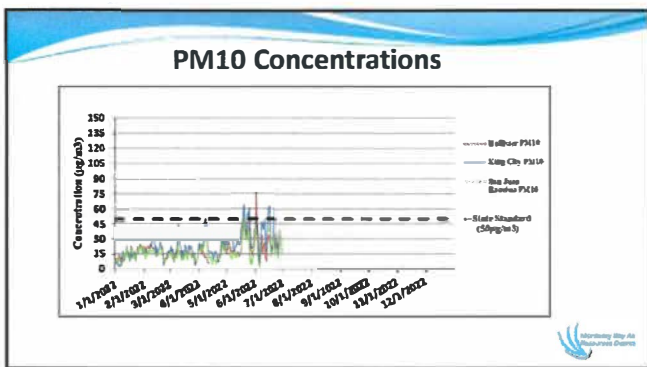




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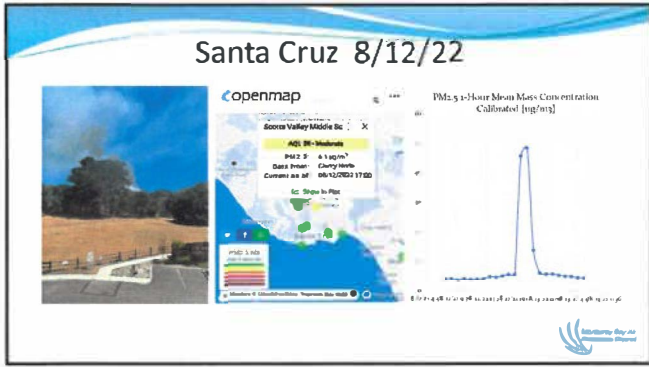
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### Discussion and Questions....

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# Air Toxics Program Update

AMY CLYMO  
ENGINEERING AND COMPLIANCE MANAGER  
SEPTEMBER 1, 2022



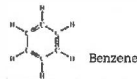
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## Outline

- What is an Air Toxic?
- Air Toxics “Hot Spots” Act
- Implementation Timeline

2

## What is an Air Toxic?



- Federal HAP (Hazardous Air Pollutant)
  - An air pollutant listed under section 112 (b) of the Federal Clean Air Act as particularly hazardous to health.
- State TAC (Toxic Air Contaminant)
  - An air pollutant, identified in regulation by the California Air Resources Board, which may cause or contribute to an increase in deaths or in serious illness, or which may pose a present or potential hazard to human health.



3

## Air Toxics “Hot Spots”

- In 1987, the California legislature adopted the Air Toxic “Hot Spots” Information and Assessment Act (AB2588).
- Goals of the act:
  - Collect toxic air contaminant (TAC) emissions;
  - Identify facilities having localized impacts;
  - Determine health risks; and
  - Notify affected individuals.



4

## What is the Air Toxics “Hot Spots” Process?

- Applicability
- Emission Inventory Plans and Reports
- Risk Assessment
- Public Notification
- Risk Reduction



5

Emission Inventory  
and  
Prioritization Score  
(PS)

If  $PS \geq 10$ , the facility must prepare and submit a health risk assessment (HRA).

**HIGH**

If PS is between 1 and 10, the facility must submit an updated EI every 4 years.

**INTERMEDIATE**

If  $PS \leq 1$ , the facility is exempt.

**LOW**

6

## Public Notification

- For facilities with PS  $\geq 10$ , notification triggered when HRA results exceed values in table below:

Significant Risk Threshold	
Cancer Risk	> 10 in a million
Chronic Risk Index	> 1
Acute Risk Index	> 1



7

## Risk Reduction

- When HRA results exceed public notification thresholds, this also triggers requirement for risk reduction plan.
- Conduct an airborne toxic risk reduction audit and develop a plan to implement risk reduction measures.
- Submit plan to MBARD within 6 months of the high risk determination.
- The plan must describe the risk reduction methods the facility will use to reduce its risk below the level of significance within five years.



8

## Recent Activities

- OEHHA completed 3 hospital HRAs reviews
  - One hospital remains high risk and moved to risk reduction planning
  - Two hospitals shown to be intermediate risk moved to 4-year inventory
- California Air Resources Board (2022)
  - January 2022 - Update to Criteria Air Pollutants and Toxics Air Contaminants Reporting Regulation
  - February 2022 - Gasoline Service Station Industrywide Risk Assessment Technical Guidance
  - March 2022 - Update to AB2588 Air Toxics "Hot Spots" Emission Inventory Criteria and Guidelines Regulation - adds hundreds of new substance



9

## Future Activities

- Complete source categories: Aggregate operations, wastewater treatment facilities, military installations.
- Begin gas stations using California Air Resources Board adopted industrywide guidance document.
- Transition intermediate facilities to California Air Resources Board's Criteria and Toxics Emission Reporting Regulation.



10

Questions?



11