



BOARD OF DIRECTORS
STATIONARY SOURCE COMMITTEE
July 9, 2025

COMMITTEE MEMBERS

KEN CARLSON– CHAIR
DIONNE ADAMS
JOHN GIOIA
GABE QUINTO
STEVE YOUNG

LYNDA HOPKINS – VICE CHAIR
BRIAN COLBERT
RICO MEDINA
LENA TAM

**MEETING LOCATION(S) FOR IN-PERSON ATTENDANCE BY
COMMITTEE MEMBERS AND MEMBERS OF THE PUBLIC**

Costa County Administration Building
1025 Escobar St.
Conference Rooms 110 A, B, & C
Martinez, CA 94553

THE FOLLOWING STREAMING OPTIONS WILL ALSO BE PROVIDED

These streaming options are provided for convenience only. In the event that streaming connections malfunction for any reason, the Stationary Source Committee reserves the right to conduct the meeting without remote webcast and/or Zoom access.

The public may observe this meeting through the webcast by clicking the link available on the air district's agenda webpage at www.baaqmd.gov/bodagendas.

Members of the public may participate remotely via Zoom at <https://bayareametro.zoom.us/j/85699415933>, or may join Zoom by phone by dialing (669) 900-6833 or (408) 638-0968. The Webinar ID for this meeting is: 856 9941 5933

Public Comment on Agenda Items: The public may comment on each item on the agenda as the item is taken up. Members of the public who wish to speak on a matter on the agenda will have two minutes each to address the Committee on that agenda item, unless a different time limit is established by the Chair. No speaker who has already spoken on an item will be entitled to speak to that item again.

The Committee welcomes comments, including criticism, about the policies, procedures, programs, or services of the District, or of the acts or omissions of the Committee. Speakers shall not use threatening, profane, or abusive language which disrupts, disturbs, or otherwise impedes the orderly conduct of a Committee meeting. The District is committed to maintaining a workplace free of unlawful harassment and is mindful that District staff regularly attend Committee meetings. Discriminatory statements or conduct that would potentially violate the Fair Employment and Housing Act – i.e., statements or conduct that is hostile, intimidating, oppressive, or abusive – is *per se* disruptive to a meeting and will not be tolerated.

STATIONARY SOURCE COMMITTEE SPECIAL MEETING AGENDA

WEDNESDAY, JULY 9, 2025

10:00 AM

Chairperson, Ken Carlson

1. **Call to Order - Roll Call**

The Committee Chair shall call the meeting to order and the Clerk of the Boards shall take roll of the Committee members.

2. **Pledge of Allegiance**

CONSENT CALENDAR (Item 3)

The Consent Calendar consists of routine items that may be approved together as a group by one action of the Committee. Any Committee member or member of the public may request that an item be removed and considered separately.

3. **Approval of the Draft Minutes of the Stationary Source Committee Meeting of June 11, 2025**

The Committee will consider approving the Draft Minutes of the Stationary Source Committee Meeting of June 11, 2025.

INFORMATIONAL ITEM(S)

4. **Green Empowerment Zone**

The Green Empowerment Zone was formed by Assembly Bill 844 and includes thirteen cities and portions of the unincorporated area of Contra Costa County. The Green Empowerment Zone “builds upon the comparative advantage provided by the regional concentration of highly skilled energy industry workers by prioritizing access to tax incentives, grants, loan programs, workforce training programs, and private sector investment in the renewable energy sector (Governing Board of the Green Empowerment Zone).” The Governing Board of the Green Empowerment Zone is currently led by Air District Board member, John Gioia, who serves as Chair. This item will be presented by representatives of the Green Empowerment Zone.

5. Refinery Community Air Monitoring Program Overview

The Committee will discuss the Air District's Refinery Community Air Monitoring Program including the fence-line air monitoring requirements and our community-scale ambient air monitoring stations in refinery communities. This item will be presented by Kate Hoag, Ph.D., Assistant Manager in Meteorology and Measurement.

6. Incident Response: February 1 - MRC

A) Incident Response Program Overview

The Committee will discuss the Air District's incident response program. This item will be presented by Meredith Bauer, Ph.D., Deputy Executive Officer for Engineering and Compliance, and Joe Lapka, Principal Air Quality Specialist in Meteorology and Measurement.

B) After Incident Review: February 1, 2025 MRC Fire

The Committee will discuss the Air District's response to the February 1, 2025 fire at MRC. This item will be presented by Ed Giacometti, Manager, Compliance and Enforcement Division.

C) Contra Costa Health Department MRC Fire Incident Update

The Contra Costa Health Department will present on their response to the MRC Fire, including a description of the event, health impacts, risk assessment, and next steps.

OTHER BUSINESS

7. Public Comment on Non-Agenda Matters

Pursuant to Government Code Section 54954.3, members of the public who wish to speak on matters not on the agenda will be given an opportunity to address the Committee. Members of the public will have two minutes each to address the Committee, unless a different time limit is established by the Chair. The Committee welcomes comments, including criticism, about the policies, procedures, programs, or services of the District, or of the acts or omissions of the Committee. Speakers shall not use threatening, profane, or abusive language which disrupts, disturbs, or otherwise impedes the orderly conduct of a Committee meeting. The District is committed to maintaining a workplace free of unlawful harassment and is mindful that District staff regularly attend Committee meetings. Discriminatory statements or conduct that would potentially violate the Fair Employment and Housing Act – i.e., statements or conduct that is hostile, intimidating, oppressive, or abusive – is per se disruptive to a meeting and will not be tolerated.

8. Committee Member Comments

Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may: ask a question for clarification, make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter or take action to direct staff to place a matter of business on a future agenda. (Gov't Code § 54954.2)

9. Time and Place of Next Meeting

Wednesday, September 10, 2025, at 10:00 a.m. at 375 Beale Street, San Francisco, CA 94105. The meeting will be in-person for the Stationary Source Committee members and members of the public will be able to either join in-person or via webcast.

10. Adjournment

The Committee meeting shall be adjourned by the Chair.

CONTACT:

MANAGER, EXECUTIVE OPERATIONS
375 BEALE STREET, SAN FRANCISCO, CA 94105
vjohnson@baaqmd.gov

(415) 749-4941
FAX: (415) 928-8560
BAAQMD homepage:
www.baaqmd.gov

- Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the Air District's offices at 375 Beale Street, Suite 600, San Francisco, CA 94105, at the time such writing is made available to all, or a majority of all, members of that body.

Accessibility and Non-Discrimination Policy

The Bay Area Air District (Air District) does not discriminate on the basis of race, national origin, ethnic group identification, ancestry, religion, age, sex, sexual orientation, gender identity, gender expression, color, genetic information, medical condition, or mental or physical disability, or any other attribute or belief protected by law.

It is the Air District's policy to provide fair and equal access to the benefits of a program or activity administered by Air District. The Air District will not tolerate discrimination against any person(s) seeking to participate in, or receive the benefits of, any program or activity offered or conducted by the Air District. Members of the public who believe they or others were unlawfully denied full and equal access to an Air District program or activity may file a discrimination complaint under this policy. This non-discrimination policy also applies to other people or entities affiliated with Air District, including contractors or grantees that the Air District utilizes to provide benefits and services to members of the public.

Auxiliary aids and services including, for example, qualified interpreters and/or listening devices, to individuals who are deaf or hard of hearing, and to other individuals as necessary to ensure effective communication or an equal opportunity to participate fully in the benefits, activities, programs and services will be provided by the Air District in a timely manner and in such a way as to protect the privacy and independence of the individual. Please contact the Non-Discrimination Coordinator identified below at least three days in advance of a meeting so that arrangements can be made accordingly.

If you believe discrimination has occurred with respect to an Air District program or activity, you may contact the Non-Discrimination Coordinator identified below or visit our website at www.baaqmd.gov/accessibility to learn how and where to file a complaint of discrimination.

Questions regarding this Policy should be directed to the Air District's Non-Discrimination Coordinator, Diana Ruiz, Acting Environmental Justice and Community Engagement Officer at (415) 749-8840 or by email at druiz@baaqmd.gov.

BAY AREA AIR DISTRICT
375 BEALE STREET, SAN FRANCISCO, CA 94105
FOR QUESTIONS PLEASE CALL (415) 749-4941

EXECUTIVE OFFICE:
MONTHLY CALENDAR OF AIR DISTRICT MEETINGS

JULY 2025

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Stationary Source Special Committee	Wednesday	9	10:00 a.m.	Contra Costa County Administration Building 1025 Escobar St. Conference Rooms 110 A, B, & C Martinez, CA 94553
Board of Directors Community Equity, Health, and Justice Special Committee - CANCELLED	Wednesday	9	1:00 p.m.	Contra Costa County Administration Building 1025 Escobar St. Conference Rooms 110 A, B, & C Martinez, CA 94553
Board of Directors Policy, Grants and Technology Committee	Wednesday	16	10:00 a.m.	1 st Floor Board Room
Board of Directors Finance and Administration Committee	Wednesday	16	1:00 p.m.	1 st Floor Board Room

AUGUST 2025

NO MEETINGS SCHEDULED

SEPTEMBER 2025

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Meeting	Wednesday	3	10:00 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee	Wednesday	10	10:00 a.m.	1 st Floor, Yerba Buena Room
Board of Directors Community Equity, Health, and Justice Committee	Wednesday	10	1:00 p.m.	1 st Floor, Yerba Buena Room

SEPTEMBER 2025

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	ROOM
Board of Directors Policy, Grants and Technology Committee	Wednesday	17	10:00 a.m.	1st Floor Board Room
Board of Directors Finance and Administration Committee	Wednesday	17	1:00 p.m.	1st Floor Board Room
Community Advisory Council Meeting	Thursday	18	6:00 p.m.	TBD
JMB 7/2/25 – 1:00 p.m.				G/Board/Executive Office/Moncal

BAY AREA AIR DISTRICT
Memorandum

To: Chairperson Ken Carlson and Members
of the Stationary Source Committee

From: Philip M. Fine
Executive Officer/APCO

Date: July 9, 2025

Re: Approval of the Draft Minutes of the Stationary Source Committee Meeting of
June 11, 2025

RECOMMENDED ACTION

Approve the Draft Minutes of the Stationary Source Committee Meeting of June 11, 2025.

BACKGROUND

None.

DISCUSSION

Attached for your review and approval are the Draft Minutes of the Stationary Source Committee Meeting of June 11, 2025.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Philip M. Fine
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

ATTACHMENT(S):

1. Draft Minutes of the Stationary Source Committee Meeting of June 11, 2025

Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105
(415) 749-5073

Stationary Source Committee Meeting
Wednesday, June 11, 2025

DRAFT MINUTES

This meeting was webcast, and a video recording is available on the website of the Bay Area Air Quality Management District at www.baaqmd.gov/bodagendas

CALL TO ORDER

1. **Opening Comments:** Stationary Source Committee (Committee) Chairperson, Ken Carlson, called the meeting to order at 10:00 a.m.

Roll Call:

Present, In-Person (Bay Area Metro Center, 375 Beale Street, 1st Floor Yerba Buena Room, San Francisco, California, 94105): Chairperson Ken Carlson.

Present, In-Person Satellite Location: (Office of Contra Costa County Supervisor John Gioia, 11780 San Pablo Ave., Suite D Conference Room, El Cerrito, CA 94530): Directors John Gioia, Gabe Quinto and Steve Young.

Present, In-Person Satellite Location: (Office of Alameda County Supervisor Lena Tam, 103 Callan Ave., Suite #103, San Leandro, CA 94577): Director Lena Tam.

Present, In-Person Satellite Location: (Marin County - District 2, Supervisor Brian Colbert, 3501 Civic Center Drive, Suite 326, San Rafael, CA 94903): Director Brian Colbert.

Present, In-Person Satellite Location: (City of San Bruno, 567 El Camino Real, Room 138, San Bruno, CA 94066): Director Rico E. Medina.

Absent: Vice Chairperson Lynda Hopkins; and Director Dionne Adams.

For additional details of the Stationary Source Committee Meeting, please refer to the webcast, [which can be found here](#). Please use the webcast's index to view specific agenda items.

CONSENT CALENDAR

3. APPROVAL OF THE DRAFT MINUTES OF THE STATIONARY SOURCE COMMITTEE MEETING OF MAY 14, 2025

Public Comments

No requests received.

Committee Comments

None.

Committee Action

Director Medina made a motion, seconded by Director Tam, to **approve** the Draft Minutes of the Stationary Source Committee meeting of May 14, 2025; and the motion **carried** by the following vote of the Committee:

AYES:	Carlson, Colbert, Gioia, Medina, Quinto, Tam, Young.
NOES:	None.
ABSTAIN:	None.
ABSENT:	Adams, Hopkins.

INFORMATIONAL ITEMS

4. MID-YEAR REVIEW OF THE 2025-2026 REGULATORY AGENDA

Bradley Cole, Rules and Strategic Policy Manager, gave the staff presentation *Mid-Year Review of the 2025-2026 Regulatory Agenda*, including: overview; Strategic Plan goals and strategies; prioritization criteria; rule development impetus sources; current and planned rule development; level of effort; air quality impacts; considered rule development; and next steps.

Public Comments

Public comments were given by Jacob Klein, Industrious Labs; Katrina Tomas, Earthjustice; Mandeera Wijetunga; Sarah Chen Small, Communities for a Better Environment (CBE); Molly Greene, CBE; Dr. Stephen Rosenblum, Palo Alto resident; Teresa Cheng, Industrious Labs; Arieann Harrison, Marie Harrison Community Foundation (MHCF); Tonia Randell, MHCF; Olga Mandrussow, Sierra Club; Kevin Buchan, Western States Petroleum Association; Nancy Rieser, Sunflower Alliance; Carolina Correa, Brightline Defense; Adrian Martinez, Earthjustice; Gus Flores, United Contractors; Wendy Chou, Actera; Mars Keith, Sierra Club; Shoshana Wechsler, Sunflower Alliance.

Committee Comments

The Committee and staff discussed the composition (entities) of the “Refinery Corridor”; concerns regarding delays in the Air District’s issuance of permits; whether rule amendment adoption would impact (further delay) pending Air District permit applications; whether Air District staff believes that current and projected staff capacity can carry out rulemakings according to the Air District’s proposed timelines; whether any upcoming rulemakings involve Best Available Control Technologies (BACT) or Best Available Retrofit Control Technologies (BARCT); whether the intended health benefits of the proposed rulemaking schedule was presented to the Air District’s Community Advisory Council (CAC) before the CAC was invited offer its prioritization the proposed rulemakings; gasoline prices and refinery capacity (on a broad economic impact) and whether the Air District’s authority may be threatened; whether asphalt plants are subjected to the considered the same Air District regulations as petroleum refineries; the request for regular updates, focusing on the intended health benefits of proposed rulemakings; and whether the Air Districts has conducted socioeconomic studies on the potentially upcoming rulemakings.

Committee Action

No action taken.

5. DEVELOPMENT OF A TARGETED INSPECTION PROGRAM AND POLICY

Dennis Quach, Air Quality Specialist, gave the staff presentation *Development of a Targeted Inspection Program and Policy*, including: outline; outcome; Strategic Plan framework; Targeted Inspection Program and Policy goals and objectives; current inspection program background; compliance inspection types; elements of a compliance inspection; overview of a Targeted Inspection Program and Policy; routine inspections by source types; enhanced inspection priorities in overburdened communities; analyze compliance data to target inspections; community engagement and partnership; additional strategies associated with policy changes; pilot project in Bayview Hunters Point; and next steps.

Public Comments

Public comments were given by Sarah Chen Small, CBE; Kathy Kerridge, Benicia resident

Committee Comments

The Committee and staff discussed the types of activities that an Air District inspector may conduct during onsite visits (at permitted facilities), and the current number of inspectors.

Committee Action

No action taken.

OTHER BUSINESS

6. PUBLIC COMMENT ON NON-AGENDA MATTERS

Public comments were given by Kathy Kerridge, Benicia resident.

7. COMMITTEE MEMBER COMMENTS

None.

8. TIME AND PLACE OF NEXT MEETING

Wednesday, July 9, 2025, at 10:00 a.m. at Contra Costa County Administration Building, 1025 Escobar St. Conference Rooms 110 A, B, & C Martinez, CA 94553. The meeting will be in-person for the Stationary Source Committee members and members of the public will be able to either join in-person or via webcast.

9. ADJOURNMENT

The meeting was adjourned at 12:02 p.m.

Marcy Hiratzka
Clerk of the Board

BAY AREA AIR DISTRICT
Memorandum

To: Chairperson Ken Carlson and Members
of the Stationary Source Committee

From: Philip M. Fine
Executive Officer/APCO

Date: July 9, 2025

Re: Green Empowerment Zone

RECOMMENDED ACTION

None; the Committee will discuss this item, but no action is requested at this time.

BACKGROUND

The Green Empowerment Zone was formed via Assembly Bill 844: Green Empowerment Zone for the Northern Waterfront area of the County of Contra Costa. Thirteen cities and portions of the unincorporated area of Contra Costa County are included in the Zone. Per the Contra Costa County website, the Green Empowerment Zone “builds upon the comparative advantage provided by the regional concentration of highly skilled energy industry workers by prioritizing access to tax incentives, grants, loan programs, workforce training programs, and private sector investment in the renewable energy sector ([Governing Board of the Green Empowerment Zone](#)).”

The Governing Board of the Green Empowerment Zone is currently led by Air District Board member, John Gioia, who serves as Chair.

DISCUSSION

The Committee will discuss the role of the Green Empowerment Zone, including its duties. Per the Contra Costa County website, “The Green Empowerment Zone has the following duties:

1. Identification of projects and programs that will best utilize public dollars and most quickly improve the economic vitality of the Northern Waterfront area of the County of Contra Costa, especially those that leverage federal, state, local, and private sector resources in a coordinated effort to support the development of the clean energy economy.
2. Work with members of the state’s congressional delegation and federal official, including any relevant federal interagency task force, to gain federal support for projects identified by the zone as critical to the region’s energy economy.

3. Partner with the University of California, the California State University, community colleges, and the state's other research and educational institutions, as well as private foundations, to provide guidance, advice, and encouragement in support of studies of particular interest and importance to the energy industry in the Northern Waterfront area of the County of Contra Costa.
4. Review state policies and regulations to ensure they are fair and appropriate for the state's diverse geographic regions, including the Northern Waterfront area of the County of Contra Costa, and determine whether alternative approaches can accomplish goals in less costly ways.
5. Make recommendations to the Governor that would improve the economic well-being of the region and the quality of life of its residents.
6. Create and maintain an internet website that is managed and updated by an entity designated by the board of directors ([Governing Board of the Green Empowerment Zone](#))."

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Philip M. Fine
Executive Officer/APCO

Prepared by: Greg Nudd, Sonam Shah-Paul and John Kopchik
Reviewed by: Dr. Philip M. Fine

ATTACHMENT(S):

1. Green Empowerment Zone Presentation

Overview of the Green Empowerment Zone

Presentation to Bay Area Air District, Stationary Source Committee on July 9, 2025

**Supervisor John Gioia
Contra Costa County Board of Supervisors
Chair, Green Empowerment Zone**

**John Kopchik, Director, Contra Costa County
Department of Conservation & Development**

Key Topics to Be Covered

Overview of the Green Empowerment Zone (GEZ)

Overview of Authorizing Legislation

Boundaries of the GEZ

Overview of Board Membership

Overview of Clean-up Legislation on Board Membership

The County's Role in the GEZ

GEZ Accomplishments to Date

Complementary Countywide Initiatives



Source: By Robert Campbell - U.S. Army Corps of Engineers Digital Visual Library, CC BY-SA 3.0 via [Wikimedia Commons](#)

Overview of the Green Empowerment Zone (GEZ)

Goal: Build upon the comparative advantage provided by the regional concentration of highly skilled energy industry workers.

Who: Diverse Governing Board includes local, state, and federal government, large employers, small business and economic development, universities, private sector, labor, environment, and workforce development. Proposed Cleanup Legislation SB 227 (Grayson) would add seats for community and environmental justice representatives.

How: Agreement with Governor's Office (GO-Biz) for \$5M (California State Senator District 09 Timothy Grayson). Use of these funds includes a \$2M contract with UC Berkeley Labor Center to provide foundational research, technical assistance, and policy recommendations for a high-road clean energy manufacturing strategy.



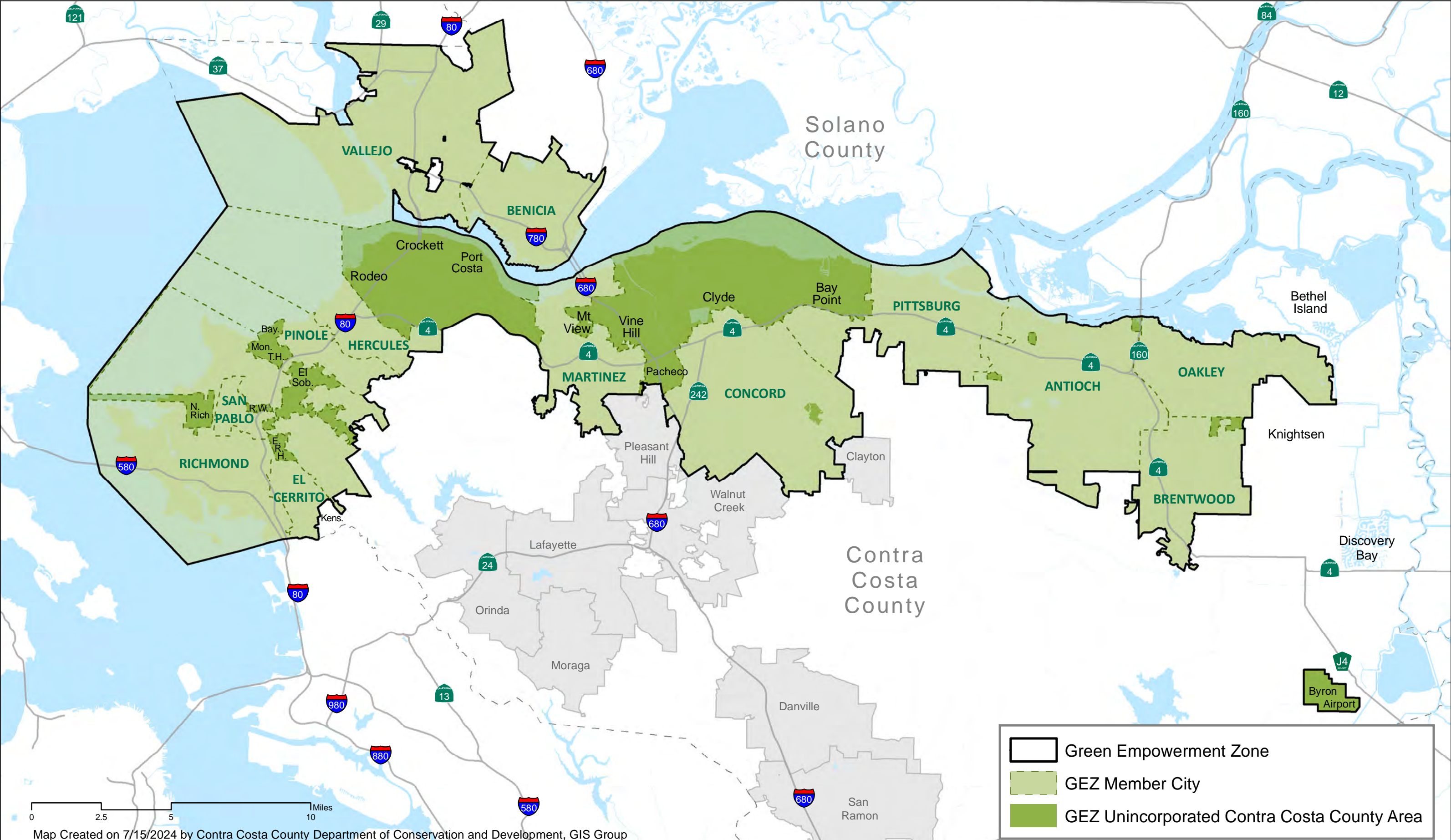
Source: Environmental Defense Fund via [website](#)

Authorizing Legislation AB 844 (Grayson)

- Authorized the establishment of a Green Empowerment Zone for the Northern Waterfront Area of the County of Contra Costa, until January 1, 2028.
- Authorized the Zone to be composed of specified cities, upon adoption of a resolution by the city or county, provided for the Green Empowerment Zone to be governed by a Board of Directors and specified composition of the Board.
- GEZ is advisory to the State of California.
- Tasked the Green Empowerment Zone with various duties, including, among other things, identification of projects and programs that will best utilize public dollars and improve the economic vitality of the Northern Waterfront area of the County of Contra Costa in a coordinated effort to support the development of the clean energy economy.



Green Empowerment Zone (GEZ) as approved on April 19, 2024



Current GEZ Board Members

- Josh Anijar - Contra Costa Labor Council
- Senator Jesse Arreguín - State Senate District 7
- Stephen Baiter - East Bay Economic Development Alliance
- Councilmember Kari Birdseye - City of Benicia
- Tamia Brown - Workforce Development Board of Contra Costa County
- Kellie Butler - Solano County Community College District
- Senator Christopher Cabaldon - State Senate District 3
- Representative Mark DeSaulnier - CA Congressional District 10
- Noemi Gallardo - California Energy Commission
- Representative John Garamendi - CA Congressional District 08
- Supervisor John Gioia - Contra Costa County **(GEZ Chair)**
- Senator Timothy Grayson - State Senate District 9
- Darnell Grisby - California Transportation Commission
- Tom Hansen - International Brotherhood of Electrical Workers
- Eric Haynes - Sheel Metal Workers' Union Local 104
- Vice Mayor Hugh Henderson - City of Oakley
- Zen Hunter-Ishikawa - NorCal Venture Forum
- Councilmember Arlene Kobata - City of Pittsburg
- Stephen Konig - Marathon Petroleum
- Chuck Leonard - Plumbers & Steamfitters Union Local 342 **(GEZ Vice Chair)**
- Jason Lindsey - Ironworkers Union Local 378
- Councilmember Devin Murphy - City of Pinole
- Vice Mayor Carlyn Obringer - City of Concord
- Mark Orcutt - East Bay Leadership Council
- Councilmember Charles Palmares - City of Vallejo
- Vice Mayor Pa'tanisha Pierson - City of Brentwood
- Mayor Patricia Ponce - City of San Pablo
- Chris Rico - Solano Economic Development Corporation
- Tiffany Roberts - Phillips 66
- Councilmember Doria Robinson - City of Richmond
- Cathy Sandeen - Cal State East Bay
- Kelly Schelin - Contra Costa Community College District
- Councilmember Tamisha Torres-Walker - City of Antioch
- Tamara Walker - Richmond Workforce Development Board
- Councilmember Alexander Walker-Griffin - City of Hercules
- Assemblywoman Lori D. Wilson - Assembly District 11 **(GEZ Vice Chair)**
- Mayor Carolyn Wysiner - City of El Cerrito
- Mayor Brianne Zorn - City of Martinez

Proposed Cleanup Legislation SB 227 (Grayson)

- Seeks to extend the authorization of the Green Empowerment Zone (GEZ) until January 1, 2040.
- Would recognize the expansion of the GEZ to include four additional cities—El Cerrito, Pinole, Richmond, and San Pablo.
- Proposes adding environmental justice and other representatives to the GEZ board to address gaps in stakeholder and agency representation.



Source: Representative John Garamendi via [Instagram](#)

The County's Role in the GEZ

- To support the effort, the Legislature approved a \$5,000,000 appropriation to Contra Costa County (AB 179, the Budget Act of 2022).
- Contra Costa County Department of Conservation and Development utilizes these funds to provide administrative and other support services for the GEZ and the GEZ Governing Board.
- The Department of Conservation and Development has entered into a \$2M contract with UC Berkeley Labor Center for a project to support the GEZ, following a recommendation from the GEZ Board and approval from the Board of Supervisors.



High Road Strategy for Clean Energy Manufacturing

County has a \$2M contract with UC Berkeley Labor Center to conduct this work for the GEZ

Project Goal:

- Design and implement a strategy to help grow a High-Road (HR) Clean Energy Manufacturing (CEM) ecosystem in and around the GEZ and advance a just transition.

Project components:

- A) Research on priorities and growth strategies
- B) Technical assistance to facilitate HR partnerships and inform strategies
- C) Policy recommendations to accelerate high-road growth



Source: UC Berkeley Labor Center via [website](#)

UCB Strategy A: Research on priorities & growth strategies

Goal for Strategy A: Research

Provide information to GEZ Board Members and partners about Clean Energy Manufacturing technologies, viability in GEZ, and potential for high road projects.

Goals for CEM Technology Research

1. Prioritize Clean Energy Manufacturing technologies to inform industry-specific growth strategies.
2. Provide deep dive information on prioritized technologies to determine potential for and path towards high road projects.

UCB Strategy B: Technical assistance to facilitate HR partnerships and inform strategies

Goal for Strategy B: Technical Assistance

Policy recommendations to support additional High Road Clean Energy Manufacturing growth in the GEZ

Goals for Technical Assistance

1. Develop and refine recommendations to accelerate High Road Clean Energy Manufacturing growth in the GEZ, based on learnings in A and B, and additional research.
2. Disseminate learnings on an ongoing basis, identifying opportunities to support implementation of policy recommendations.

UCB Strategy C: Policy recommendations to accelerate high-road growth

Goal for Strategy C: Policy Recommendations

Stakeholder engagement and technical assistance to identify opportunities to support High Road Clean Energy Manufacturing growth, and identify barriers to growth

Goals for Policy Recommendations

1. Track public funding and alert key stakeholders about High Road Clean Eenergy Manufacturing opportunities.
2. Conduct intake interviews with target employers to provide technical assistance to support High Road partnerships and identify barriers.

Marketing Committee

- Led by a GEZ Working Group.
- Develop website to showcase GEZ, clean energy manufacturing success stories that are aligned with GEZ mission.
- Inform public, engage stakeholders, market GEZ success.



FedEx ZEV facility in North Richmond. Source: [Overaa Construction](#)

Complementary Countywide Initiatives



Northern Waterfront Economic
Development Initiative



Priority Production Areas (PPAs)



Just Transition Economic
Revitalization Plan

Thank you!



Source: San Francisco Bay Restoration Authority via [website](#)

Contact:

Alyson Greenlee

Economic Development Manager for Contra Costa County and lead staff to the GEZ

Office: 925-655-2783

Email: alyson.greenlee@dcd.cccounty.us

BAY AREA AIR DISTRICT
Memorandum

To: Chairperson Ken Carlson and Members
of the Stationary Source Committee

From: Philip M. Fine
Executive Officer/APCO

Date: July 9, 2025

Re: Refinery Community Air Monitoring Program Overview

RECOMMENDED ACTION

None; the Committee will discuss this item, but no action is requested at this time.

BACKGROUND

The Air District operates numerous ambient air monitoring stations across the Bay Area. These stations are sited in accordance with United States Environmental Protection Agency (US EPA) requirements to determine if the region is in compliance with federal air quality standards. Given the high costs of establishing and operating these stations, they are limited in coverage and therefore cannot measure air quality everywhere. Exposure to pollution varies from place to place and some communities near large industrial facilities, such as refineries, may bear a disproportionate burden from air emissions. Additional steps are often needed to better understand and address air quality concerns in these “fenceline communities.”

To that end, the Air District launched its Refinery Community Air Monitoring Program in 2016, with the goals of requiring fenceline air monitoring systems to be operated by the refineries, and of establishing or expanding ambient air monitoring stations in the communities near the refineries. The data generated by the fenceline air monitoring systems and the community air monitors provides the public with additional information about air quality conditions near the refineries and supports analysis of air quality trends and other air quality assessments.

Among other provisions, Air District Rule 12-15 requires refineries to obtain and maintain Air District approval of a written Fenceline Air Monitoring Plan and Quality Assurance Project Plan for establishing and operating their fenceline air monitoring systems. An early draft of Rule 12-15 also would have required the refinery operators to establish community air monitoring systems to measure ambient air pollution concentrations in the communities surrounding their facilities. In response to community concerns about the refinery operators having responsibility for siting and operating community air monitors, the Air District removed those requirements from the rule and

assumed responsibility for implementing the ambient air monitoring stations itself. The Community Air Monitoring fee was later adopted to help fund the Air District's work to implement the refinery community air monitoring program.

DISCUSSION

This presentation provides an overview of the refinery community air monitoring program, an update on the development of the ambient air monitoring stations in refinery communities and the implementation of the current fenceline air monitoring requirements in Rule 12-15, and a preview of upcoming work for the program for the next eighteen months.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Philip M. Fine
Executive Officer/APCO

Prepared by: Kate Hoag and Joe Lapka
Reviewed by: Ranyee Chiang

ATTACHMENT(S):

1. Refinery Community Air Monitoring Program Presentation



Refinery Community Air Monitoring Program Update

Stationary Source Committee

July 9, 2025

Kate Hoag, Ph.D.
Assistant Manager
Meteorology and Measurement

Presentation Outline

- Refinery community air monitoring program background
- Refinery community air monitoring stations
- Refinery-operated fenceline air monitoring requirements

Refinery Community Air Monitoring Programs

- Program created during the Regulation 12, Rule 15 development process in 2016 and partly funded by Community Air Monitoring fee
- Mandated by Assembly Bill (AB) 1647 in 2017

**Air District
Air Monitoring
Stations Near
Refineries**

**Refinery-operated
Fenceline Air
monitoring
Systems**

Other Air and Emissions Monitoring Programs

Other measurements also provide information about refinery emissions and air quality near refineries, such as:

- Regulatory air monitoring stations
- Short-term air monitoring projects
- Air sensor networks (for example, Purple Air)
- Continuous emissions monitors, source tests, and other emissions-related measurements
- Facility-operated ground level monitoring stations (GLMs)

Community Air Monitoring Stations Near Refineries

Commitment for the Air District to establish or expand one multi-pollutant air monitoring station near each refinery to:

- Provide refinery frontline communities with real time local-scale air pollution data reflecting day-to-day cumulative air pollution levels
- Track air pollution levels near refineries over time to assess trends and support long- and short-term air quality assessments

This program expands the number of pollutants measured at ambient air monitoring stations near refineries using updated technologies

Steps in Constructing an Air Monitoring Station

Siting

- Community input
- Assessment of preferred locations
- Site identification
- Leasing
- Site design & permitting

Construction

- Site construction & station setup
- Equipment procurement
- Equipment installation
- Equipment testing

Monitoring

- Ongoing instrument maintenance and operations
- Data quality assurance
- Data reporting
- Data analysis

Update on Refinery Air Monitoring Stations

- Benicia station (Valero) started operating in 2024
- Expanding the measurements at San Pablo (Chevron)
- Locations identified in
 - Martinez (MRC)
 - Rodeo (Phillips 66), and
 - Clyde (Marathon)
- Continue assessing options for real time measurements of key toxic compounds and fine and coarse particulate matter

Refinery Community Fenceline Air Monitoring Requirements

Per Air District Rule 12-15, refineries are required to:

- Obtain Air District approval of a written fenceline air monitoring plan (FAMP) and quality assurance project plan (QAPP) for establishing and operating a fenceline air monitoring system at their facilities
- Measure benzene, toluene, ethyl benzene, and xylenes (BTEX) and hydrogen sulfide (H₂S) concentrations, and must additionally consider monitoring sulfur dioxide, alkanes or other organic compound indicators, 1,3-butadiene, and ammonia

Current Refinery Fenceline Implementation

- FAMP for all refineries were conditionally approved in 2018, dependent on QAPP and monitoring plans for H₂S
- Revised FAMPs for H₂S were submitted in 2022
- Plans were not approvable, Air District disapproved Plans and issued Notices of Violation in October 2023
- A settlement with Chevron was finalized on June 9, 2025; the remaining four are still within enforcement process

Chevron Fenceline Air Monitoring Settlement Agreement

- Approves Chevron's FAMP and QAPP with requirements for demonstrating the accuracy of the data for all pollutants
- Allows Chevron to operate H₂S point monitors to meet monitoring requirements for the duration of the settlement
- Improves public access to real-time and historical fenceline air monitoring datasets
- Provides for public quarterly reporting of measured pollutant concentrations and data accuracy and completeness information

Motivation for Improved Fenceline Monitoring Requirements

- Local community stakeholders have long called for improvements to the timeliness, trustworthiness, and accessibility of fenceline air monitoring data
- A 2022 report from Earthjustice, proposed legislation from 2024 (Senate Bill 674), and recent revisions to South Coast Air Quality Management District Rule 1180 have outlined and operationalized many improvements to refinery community fenceline air monitoring requirements beyond our original rule
- With this in mind, the Air District has begun drafting improved fenceline air monitoring requirements for early engagement on upcoming rule revisions

Potential Improvements Under Consideration

- **Expand the scope of fenceline air monitoring requirements**
 - Expand the list of target pollutants that must be monitored
 - Broaden requirements for spatial coverage
- **Increase accountability**
 - Clear and specific quality assurance and quality control requirements for each pollutant that is measured
 - Requirements for third-party audits of fenceline air monitoring systems
 - Increased Air District oversight (e.g., review of data) during implementation

Potential Improvements Under Consideration (cont.)

- **Increase transparency**
 - Require public notifications, root cause analysis, and corrective action when measured concentrations exceed specified thresholds
 - Require facilities to implement practices that make it easier for the public to find, retrieve, understand, and use the real-time and final fenceline air monitoring data

Potential Improvements Under Consideration (cont.)

- **Improve efficiency**
 - Improve procedural issues with Rule 12-15 that make implementation of the fenceline air monitoring program inefficient
 - Integrate requirements for different refinery-operated air monitoring programs (i.e., fenceline monitoring under Rule 12-15 and refinery ground level monitoring for SO₂ and H₂S under Rules 9-1 and 9-2)

Tentative Rule Development Timeline

- Early engagement on potential improvements with the refinery corridor community and with the affected facilities using various approaches
- Release draft rule language and preliminary staff report for public review and comment in early 2026
- Rule development workshop during public review of draft rule language
- Propose rule to Board of Directors in late 2026

Questions & Discussion

For more information:

Kate Hoag, Ph.D. | Assistant Manager | khoag@baaqmd.gov

Joe Lapka | Principal Air Quality Specialist | jlapka@baaqmd.gov

BAY AREA AIR DISTRICT
Memorandum

To: Chairperson Ken Carlson and Members
of the Stationary Source Committee

From: Philip M. Fine
Executive Officer/APCO

Date: July 9, 2025

Re: Incident Response: February 1 - MRC

RECOMMENDED ACTION

None; the Committee will discuss this item, but no action is requested at this time.

BACKGROUND

The Committee will discuss the Air District's Incident Response Program Overview, After Incident Review of a fire in the Light Oil Processing area of MRC, and the Contra Costa Health Department incident update.

DISCUSSION

Incident Response Program Overview

Incidents occurring at refineries, chemical processing facilities, and various industrial facilities and sites have the potential for causing unexpected air quality events that can have a direct impact on communities and public health. Depending on the facility type and sources involved, and its proximity to communities, the emissions impacts vary from one incident to another. Some examples of causes include process upsets and malfunctions at refineries, chemical plants or other industrial plants, fires, and chemical spills and releases. Incidents at refineries can also lead to flaring that has the potential to greatly impact surrounding communities.

The Air District's primary role during an incident is to support first responder agencies such as county hazardous material units and environmental health departments and enforce air quality regulations by providing resources and expertise for compliance investigations and air monitoring such as sampling, laboratory analyses, and analyses of available data when applicable. Equally important is the role to communicate the scope of the incident and air pollution impacts efficiently and effectively to Bay Area citizens, communities, and media outlets, and to coordinate with local agencies and partners to achieve consistent and timely air quality updates to the public.

This presentation provides an overview of the Incident Response Program and captures the work and coordination across the Air District. The presentation will detail the robust response plan that is initiated upon the discovery of an incident, which triggers a field investigation and initial assessment of the incident, air monitoring and other technical analyses, communications and public messaging, and post-incident coordination and actions.

After Incident Review – February 1, 2025, MRC Fire

On February 1, 2025, at 1:49 p.m., the Air District received a Contra Costa County Community Warning System (CWS) Level 2 alert filed by MRC regarding a fire in the Light Oil Processing (LOP) area of the refinery. The Air District immediately contacted MRC and dispatched staff to the area. An investigation by a third-party contractor hired by Contra Costa County determined that the fire resulted from contract workers opening the incorrect flange, causing a hydrocarbon leak at the Cat Feed Hydrotreater.

During an incident, the Air District response occurs in many forms. The purpose of this presentation is to provide an overview of the Air District's response to the February 1, 2025, MRC Fire. On the day of the event, we had Air District staff engaged from many different divisions within the Air District. In the field, Air District staff responded to 29 air quality complaints, engaged directly with the refinery and first responders throughout the event and documented any potential non-compliance with applicable air quality regulations. Field staff were also in communication with onsite representatives from Contra Costa County Hazmat. As staff in the field gathered information, it was conveyed to the Air District's Communications team who promptly issued air quality advisories in Contra Costa and Solano Counties, provided timely responses and updates to media and public inquiries. Staff also regularly updated the Air District's incident report, which was available on our website. In the field, the Air District also had staff onsite collecting air samples for laboratory analysis.

Smoke and flames were no longer visible the next day; however, the Air District was heavily involved in post-incident activities. This work included continued communication involvement as well as collaboration with the Contra Costa Health Department on their assessments of air quality impacts and the potential for acute health risks.

Air District staff compiled and shared an initial assessment of laboratory analyses of air samples with Contra Costa Health on February 11. An extended assessment, including data from refinery ground level monitors and fence line air monitoring systems, was shared on March 7. As context, these transmittals included comparisons to inhalation-based risk screening levels from Office of Environmental Health Hazard Assessment and the United States Environmental Protection Agency; typical background levels for notable pollutants were also characterized where possible. Much of this material was later incorporated in the risk assessment report prepared by TRC.

Air District inspectors continue to investigate the incident and gather information to better understand the nature and extent of the event. Additional enforcement actions will be taken as inspectors go through all the applicable data. To date, the Air District has issued 22 Notices of Violation to MRC for this incident. The Air District investigation is still ongoing and will inform future legal action.

Contra Costa Health Department MRC 2025 Fire Incident Update

Nicole Heath, Director of Hazardous Materials Programs, Contra Costa Health, will discuss Contra Costa Health Department's response to the February 1 fire at MRC.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Philip M. Fine
Executive Officer/APCO

Prepared by: Tracy Lee, Ed Giacometti, Joe Lapka, and Kate Hoag
Reviewed by: Jeff Gove and Meredith Bauer

ATTACHMENT(S):

1. Agenda Item: 6A Incident Response Program Presentation
2. Agenda Item: 6B After Incident Review – February 1, 2025, MRC Fire Presentation
3. Agenda Item: 6C Contra Costa Health Department Presentation



Incident Response Program Overview

Stationary Source Committee

July 9, 2025

Meredith Bauer, Ph.D.
Deputy Executive Officer
Engineering and Compliance

Joe Lapka
Principal Air Quality
Specialist

Presentation Outline

- Strategic Plan Framework and Commitment to Air Quality Incidents
- Incident Response Program Scope
- Ongoing Coordination Efforts
- Communication Updates
- Air Monitoring Updates

Strategic Plan Framework



Strategy 4.8: Air Quality Incidents

Strategy 4.8 Commitments

Strategy 4.8 Air Quality Incidents: We will enhance our incident response program in collaboration with government partners.

- Work with industry, community and other local agencies to establish better systems to detect and assess emissions from incidents
- Explore technology solutions that proactively notify communities of incidents including potential health concerns
- Partner with communities near facilities with recurring incidents to provide enhanced community-led monitoring
- Deliver short, understandable actionable alerts during incidents, and more robust and transparent after-incident resolution and investigations

Incident Response and Program Scope

What is an incident?

A non-routine release of an air contaminant that may cause adverse health consequences to the public or to emergency personnel responding to the release, or that may cause a public nuisance, or off-site environmental damage.



Fire at Valero in 2019

Incident Response Program Scope (cont.)

Air District Roles and Objectives

- Support first responders to help minimize the impact of the incident on the public
- Incident investigation and enforcement of air quality regulations and requirements
- Respond to air quality complaints
- Assessment of air quality impacts as appropriate
- Coordination with other agencies on enforcement, health impacts and messaging
- Provide timely and relevant information to the public

Incident Response Program Improvements

Based on 2023 Incident Response ad hoc and Strategic Plan



Improve internal and external coordination



Coordination



Provide information to the public more quickly



Provide more and better information to the public



Reach a wider audience



Share and collect relevant air quality data



Air
Monitoring



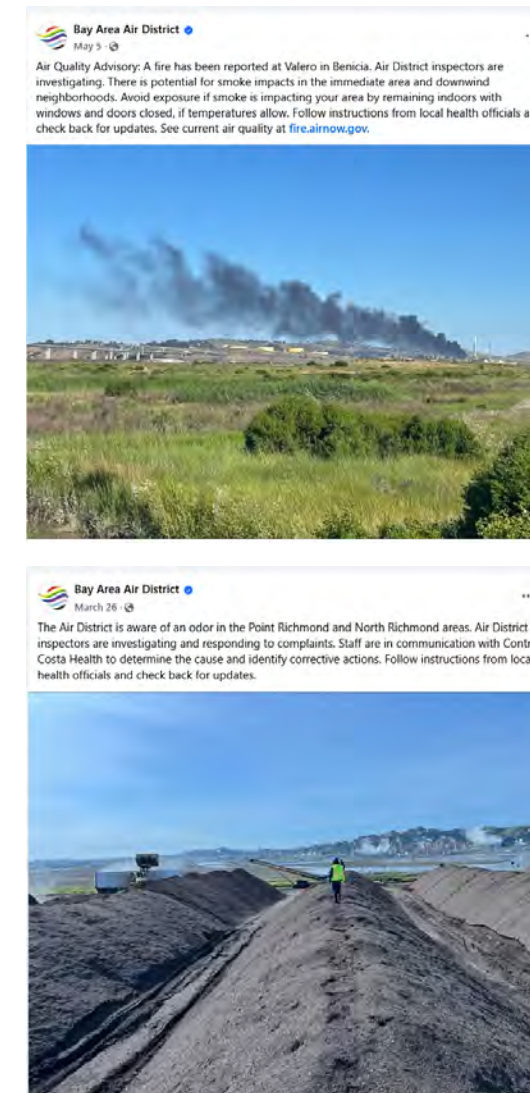
Communication

Ongoing Coordination Efforts

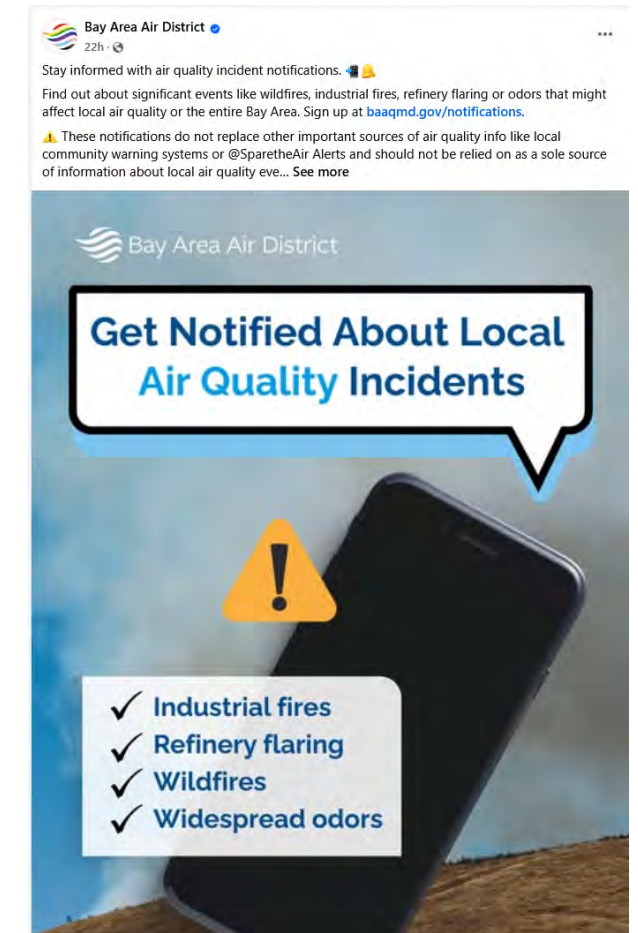
- Update and streamline internal coordination procedures
 - Example: Develop an incident response plan and tools for non-emergency incidents
- Improve coordination with local agencies to strengthen public messaging and facility accountability
 - Example: Work with Contra Costa County Health to issue more informative air quality alerts
- Make information more accessible on the website
 - Example: Make incident information more visible on the Air District's homepage during an incident with prominent web banner at the top of homepage; timely posting of incident reports; and a page dedicated to the specific incident accessible with one click

Communication Updates

- Public Notification Tool launched September 2023, improvements continue
- Increased frequency and speed of updates to social media and email lists
- Regular messaging updates to public health officers
- Proactively notify community members when there are incidents and what we know about the incidents



Screenshots from Air District social media accounts



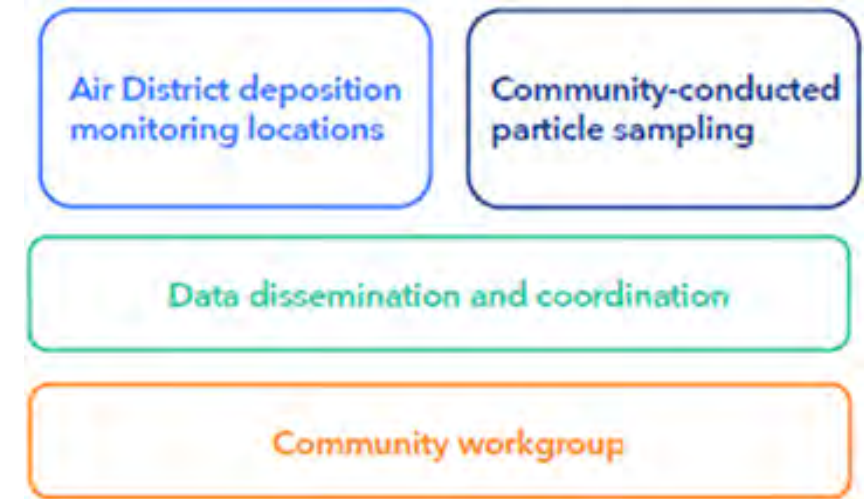
Communication Updates (cont.)

Contra Costa County Warning System (CWS) Updates

- Late 2023 to Early 2024 - Air District were involved in Contra Costa County's latest amendment of the CWS policy
- Air District staff collaborated with representatives of both Contra Costa County Hazmat and Sheriff's Department to discuss the current policy and propose changes to the policy based on our first-hand experience on CWS notifications
- The updates redefined the criteria for each level to make them more meaningful to the public

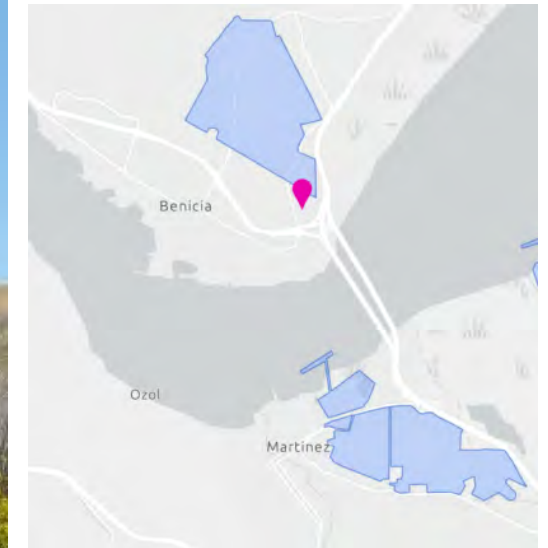
Particle Fallout Sampling Program for Refinery Communities

- New program that aims to better characterize air quality impacts from unplanned incidents in refinery communities by sampling larger particles that are not measured by existing monitoring methods such as sensor networks and the Air District's regulatory network
- Program includes a core network of Air District-operated particle sampling locations, community-conducted sampling, dissemination of the sampling data, and a community workgroup to guide program development and implementation



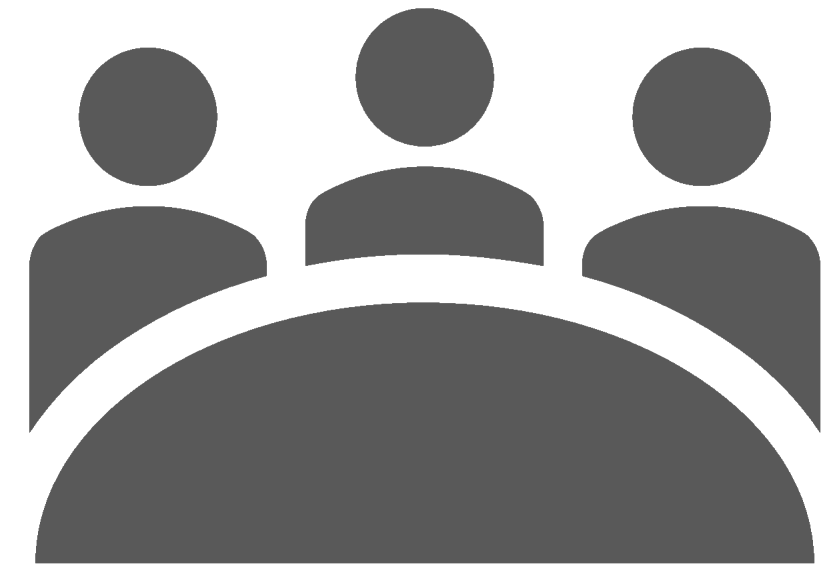
Progress on Core Sampling Network

- Samplers consist of a small collection dish mounted to a pole or fence
- First site established at the Museum of History Benicia
- Discussions underway with the City of Vallejo and Contra Costa County regarding additional sampling locations
- Further consultation with workgroup once it is convened



Progress on the Community Workgroup

- Accepted applications for the workgroup from April 30 – June 13, 2025
- Received 15 applications
- Expect to hold the first workgroup meeting in July 2025 and at least monthly during program development
- Workgroup members will be compensated



Community Workgroup Responsibilities

- Establish **charter and procedures** for working together
- Choose **additional locations** for the **core network**
- Review particle **sampling and laboratory analysis methods**
- Develop the **community sampling protocols**
- Develop community participant **recruitment and training materials**; help lead trainings for community sampling participants
- Discuss how the Air District and workgroup will work together to **analyze, interpret, and report data** after an incident

Strategic Plan: Action Plan to Improve Incident Response

Key Objectives for next 12-18 months

- Issue timely regionwide notifications of incidents
- Make incident-related information accessible to the public
- Work with refinery communities to sample particle fallout from incidents
- Provide health information about air pollutants released during incidents
- Explore mechanisms to assess impacts from incidents
- Improve internal coordination around incident response
- Improve incident response coordination with external partners

Questions & Discussion

For more information:

Compliance & Enforcement

- Meredith Bauer, Ph.D. | Deputy Executive Officer | mbauer@baaqmd.gov
- Tracy Lee | C&E Manager | tracylee@baaqmd.gov

Communications

- Viet Tran | Deputy Executive Officer | vtran@baaqmd.gov

Meteorology and Measurement

- Joe Lapka | Principal Air Quality Specialist | jlapka@baaqmd.gov

Health Officer

- David Holstius, Ph.D. | Acting Health Officer | dholstius@baaqmd.gov



After Incident Review

February 1, 2025

MRC

Stationary Source Committee

July 9, 2025

Ed Giacometti

Manager

Compliance & Enforcement

Presentation Outline

- Overview of Incident at MRC
- Immediate Response
 - Inspection Team
 - Communications
 - Responding Agencies
- Follow-up Response
- Enforcement Actions
- Air Quality and Risk Screening

MRC Refinery Fire Overview

- On February 1, 2025, at 1:36 pm, a fire ignited in the light oil processing area of the MRC
- Contra Costa County Health issued a Level 2 warning at 1:49 pm, followed by a Level 3 warning at 5:00 pm
- By the morning of February 2, 2025, the fire was contained and no smoke or flames were visible



Immediate Response - Inspection Team

- At 1:49 pm the Air District received a Contra Costa County Community Warning System (CWS) Level 2 notification filed by MRC reporting a fire at the refinery
- Given the incident began on a Saturday, the on-call incident response Supervisor initiated the Air District Response
- Air District incident response staff arrived onsite within 30 minutes of receiving the CWS alert and observed a large black plume and flames from the refinery process unit area

Immediate Response - Inspection Team (cont.)

- Air District staff immediately contacted MRC to gather initial information and gain access to the onsite incident command
 - Supported first responders – Air District coordinated with Contra Costa County Health and Fire Officials
 - Gathered information related to the incident
 - Began to assess compliance with air quality regulations
- Two additional Air District staff were dispatched to incident for air quality complaint response and offsite observations
 - Total of **29** air quality complaints received by Air District due to the incident

Immediate Response – Communications

- Air District promptly issued Air Quality Advisory for Contra Costa and Solano counties
- Multiple public notifications used during event
 - Public Notification Tool
 - Email and Text Alerts
 - Social Media Posts
 - Air District Website



Immediate Response – Communications (cont.)

- Incident Report
 - Report updated during the investigation as new information became available
- Timely responses and updates to media and public inquiries ensure accurate information was available to the public

Responding Agencies

- MRC Fire
- Contra Costa County Fire
- California Highway Patrol
- Contra Costa County Health Department
- California Occupational Safety and Health Administration

Follow-up Response: Post-incident Investigation

- Air District staff attends daily situational meetings at MRC to receive updates on refinery operations.
- Air District participates in a unit walk through of the impacted area with California Occupational Safety and Health Administration and MRC
- Air District staff continues to collect data and information regarding to incident to assess compliance with applicable air quality regulations
 - Continuous Emission Monitor Data
 - Flare Causal Report/Flare Data

Follow-up Response: Public Communication

Provided updates:

- to Martinez City Council on February 5, 2025 and
- at Contra Costa Supervisor Shanelle Scales-Preston's MRC Fire Town Hall on March 13, 2025

Enforcement Actions

February 1, 2025, Incident – Enforcement Actions

- Violations were issued for soot/smoke, creating a public nuisance, and multiple operational deviations
- To date, Air District staff has issued a total of 22 Notices of Violations to MRC
- The Air District's investigation is on-going and will inform future legal actions



Air Quality and Risk Screening

Meteorological conditions impacted the smoke plume

- Wind direction changed and picked up speed around the same time as the incident
- Wind direction during the incident was generally from south (away from Martinez)
- Hot plume was lofted above ground level in immediate vicinity though localized ground level impacts were possible

Air Quality and Risk Screening (cont.)

Reviewed data from PurpleAir sensors, Air District ambient air monitoring stations, and fenceline air monitoring systems and MRC Ground Level Monitors (GLMs)

- Fine particulate matter were slightly elevated in the initial hours of the incident; peak levels remained below 50 Air Quality Index (“Good”)
- No clear indication of attributable impacts on sulfur dioxide, hydrogen sulfide, carbon monoxide or nitrogen dioxide
- Hydrogen sulfide and sulfur dioxide at GLMs did not exceed notification thresholds of Rules 9-1 or 9-2, or risk-based screening levels

Air Quality and Risk Screening (cont.)

- Canister “grab samples”
 - Instantaneous snapshots of air quality: collect samples for subsequent laboratory analysis
 - Compared to short-term average (1-hour) risk screening levels for inhalation
 - No exceedances compared to screening levels from California’s Office of Environmental Health Hazard Assessment
- GLM Van measurements
 - Elevated level of sulfur dioxide was recorded for 1 minute on the afternoon of February 1; all other measurements were low
- Wipe samples
 - No target compounds were present at detectable levels

Questions & Discussion

For more information:

Ed Giacometti | Manager | egiacometti@baaqmd.gov

David Holstius | Acting Health Officer | dholstius@baaqmd.gov

MRC 2025 Fire

Incident Update

Description of Event



1:35 p.m. on February 1, 2025, when two contract workers were opening a flange in preparation for planned maintenance on one of the refinery's process units.

While opening the flange, hydrocarbon material started to leak.
The two contract workers upon observing the leak evacuated the area, and within seconds the material caught fire.

1:49 p.m. a Level 2 CWS notification was received by CCH.
CCH expanded the initial health advisory, ultimately issuing a Shelter In Place for parts of Martinez for ~ 5 hours

Crews continued to suppress the fire until Tuesday, February 4, 2025
when the fire was extinguished and the health advisory was lifted.

A total of six workers were evaluated by medical personnel and released.
None were admitted to the hospital.

Health Impacts of Release

NAPHTHA (PETROLEUM),
LIGHT THERMAL
CRACKED

DIETHANOLAMINE,
LFG 85

DISTILLATES
(PETROLEUM), LIGHT
CAT CRACKED

DISTILLATES
(PETROLEUM),
INTERMED CAT
CRACKED

NAPHTHA (PETROLEUM),
LIGHT CATALYTIC
CRACKED

SULFUR DIOXIDE

ISOBUTANE-RICH C3-C4

CCH determined chemicals of concern
from fire

Air monitoring results showed low levels
for most chemicals

CCH identified elevated levels for
Particulate Matter in smoke

Most community members would not have experienced significant exposure to smoke, based on observed conditions including wind direction.



AIR

Realtime Monitoring Data provided by CCH and Bay Area Air District

SOIL

Samples taken by TRC Consulting

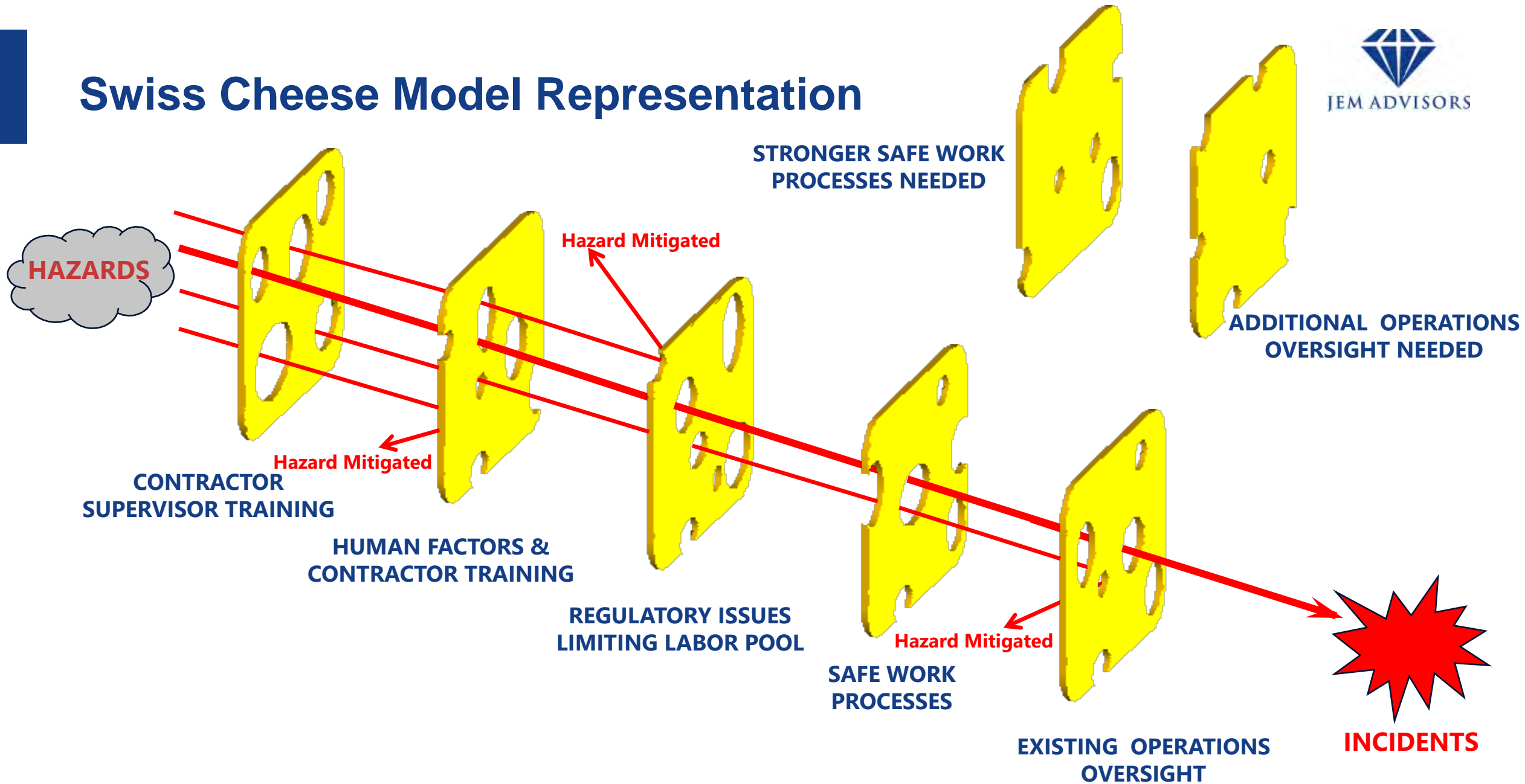
WATER

Samples taken by Contra Costa Water District and City of Martinez

Summary

“TRC does not recommend further soil or surface water sampling based on these results. Nearby soil and surface water do not show adverse effects from the fire.”

Swiss Cheese Model Representation



CCH Next Steps

Incident Investigation

PBF Root Cause Analysis (RCA) received 06/30/25

CCH 3rd Party Investigation Complete Draft Report issued. 45-Day public Notice period.

Safety Inspection

CCH Team completed 3/21/25.

Continued oversight by CCH team until start up.

Long Term Health Impacts

Public Meeting 6/17/25. 45-Day public notice period

CCH will continue to receive direction at ISO/CWS meetings.

Full Facility Audit

CCH will work with a 3rd Party Consultant.

The audit is targeted to be completed in late summer 2025.



cchealth.org

GET INVOLVED

- Join our public MRC oversight committee meetings to participate in our public comment process
- Scan the **QR Code** to Sign up for Constant Contact



www.cchealth.org/hazmat/mrc