



CONTRA COSTA COUNTY

AGENDA

Hazardous Materials Commission

Thursday, April 24, 2025

4:00 PM

777 Arnold Dr., Martinez, CA 94553 -
Paramount Room

Zoom: <https://zoom.us/j/93502466349>

Phone: 1 (669) 900-6833

Meeting ID: 935 0246 6349

Chair: Mark Hughes

Vice Chair: Fred Glueck

Agenda Items: Items may be taken out of order based on the business of the day and preference of the Committee

1. Roll Call and Introductions
2. CONSIDER approval of the March 27, 2025 Hazardous Materials Commission meeting minutes. [25-1506](#)
Attachments: [March 27 2025 HMC Meeting Minutes](#)
3. Public comment on any item under the jurisdiction of the Committee and not on this agenda (speakers may be limited to two minutes).
4. RECEIVE a report from the Operations Committee.
5. RECEIVE a report from the Hazardous Materials Programs.

NEW BUSINESS

6. RECEIVE a presentation on pipeline safety from Jim Hosler of CAL FIRE. [25-1505](#)
Attachments: [CAL FIRE - OSFM PSD OverviewFinal- Contra Costa](#)
7. Discuss any updates to the 2025 Hazardous Materials Commission Priorities including scheduling for guest speakers. [25-1507](#)
Attachments: [2025 HMC Priorities](#)
8. DISCUSS student intern research project topics and PROVIDE guidance as needed.

9. Reports from Commissioners on items of Commission interest.
10. Plan next meeting agenda.

The next meeting is currently scheduled for May 22, 2025 at 4:00 PM.

Adjourn

The Committee will provide reasonable accommodations for persons with disabilities planning to attend the Committee meetings. Contact the staff person listed below at least 72 hours before the meeting. Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the County to a majority of members of the Committee less than 96 hours prior to that meeting are available for public inspection at 1220 Morello Avenue, Suite 200, Martinez, CA 94553, during normal business hours. Staff reports related to items on the agenda are also accessible online at www.contracosta.ca.gov. If the Zoom connection malfunctions for any reason, the meeting may be paused while a fix is attempted. If the connection is not reestablished, the committee will continue the meeting in person without remote access. Public comment may be submitted via electronic mail on agenda items at least one full work day prior to the published meeting time.

For Additional Information Contact: Adam Springer at 925-655-3216



CONTRA COSTA COUNTY

1025 ESCOBAR STREET
MARTINEZ, CA 94553

Staff Report

File #: 25-1506

Agenda Date: 4/24/2025

Agenda #: 2.

Advisory Board: Hazardous Materials Commission

Subject: March 27, 2025 Hazardous Materials Commission Meeting Minutes

Presenter: Mark Hughes, Chair

Information: Attached to this agenda item are the March 27, 2025 Hazardous Materials Commission draft meeting minutes.

Recommendation(s)/Next Step(s): CONSIDER approval of the March 27, 2025 Hazardous Materials Commission meeting minutes.



Meeting Minutes - Draft

CONTRA COSTA COUNTY Hazardous Materials Commission

Thursday, March 27, 2025

4:00 PM

777 Arnold Dr., Martinez, CA 94553 -
Paramount Room

Zoom: <https://zoom.us/j/93502466349>

Phone: 1 (669) 900-6833

Meeting ID: 935 0246 6349

Chair: Mark Hughes

Vice Chair: Fred Glueck

The meeting was called to order at 4:03 PM.

Agenda Items: Items may be taken out of order based on the business of the day and preference of the Committee

1. Roll Call and Introductions

Commissioners Present: Fred Glueck, Mark Hughes, Andrew Graham, Eduardo Martinez, Ronald Chinn, Maureen Brennan, Jamin Pursell, Louis Flores, Tim Bancroft, Jim Payne

Public Present: Shoshana Wechsler, Alexander Gomez (HMC student intern), Cody Clem (CCCFPD)

Staff Present: Breanna Lingenfelter, Karine Abramians

2. The commissioners present voted to approve the February 27, 2025 Hazardous Materials Commission meeting minutes.

Motion: Jim Payne

Second: Eduardo Martinez

3. Public comment on any item under the jurisdiction of the Committee and not on this agenda (speakers may be limited to two minutes).

Commissioner Brennan made a comment as a member of the public: foul smells noticed by the public in Rodeo and Richmond - curious to what extent the county is investigating this. Concerns around accessibility to our new ombudsman and the capacity of their involvement

4. The commissioners present received a report from Karine Abramians, Hazardous Materials Programs.
Key points:
November 19, 2023 Marathon fire - dedicated webpage for this incident <https://together.cchealth.org/marathon-hazmat> - anticipate having draft report of safety culture management systems evaluation in early May.
February 1, 2025 MRC fire - staff will remain on site overseeing compliance until reopening later this year
<https://www.cchealth.org/health-and-safety-information/hazmat-programs/martinez-refining-company-oversight/mrc-2025-fire>
5. The commissioners present received a report from the Operations Committee.
Key points:
Developing a plan for holding a public forum in September - discussion of topics, guest speakers, structure of event, responses to hazardous incidents, programs and resources for the public
Discussed 2025 priorities assigned to this committee - resources to gain better understanding and potential guest speakers
Tour of the Hazardous Materials Programs building - technology used and procedures followed

NEW BUSINESS

6. The commissioners present received a presentation on lithium-ion battery emergencies from Contra Costa County Fire Protection District's Captain Paramedic Cody Clem.
7. The commission presented George Smith with his ceremonial resolution from the Board of Supervisors and recognized his twenty years of service on the Hazardous Materials Commission.

OLD BUSINESS

8. The commissioners present discussed the proposed changes to the Petroleum Refinery Process Safety Management Standards Rulemaking.
<https://www.dir.ca.gov/dosh/doshreg/Refinery-Process-Safety-Mangement/>
Key points:
Exact changes unclear as there was some debate regarding the language used and the subsequent consequences. The commission cannot take a stance until there is a better understanding of what the changes will be - will revisit this topic.
9. The commissioners present discussed student intern research project topics and provided guidance as needed.
Key points:
Alexander Gomez is researching cadmium remediation strategies - inquired about how cadmium is used in various industries, byproducts created

- 10. The commissioners present discussed updates to the 2025 Hazardous Materials Commission Priorities including scheduling for guest speakers.

Key points:

Will have a presentation on petroleum pipeline inspections during the April commission meeting, presentation from Twelve Co in June, hope to have presentations on PFAS and DTSC-contaminated sites in May or July depending on speaker availability

- 11. Reports from Commissioners on items of Commission interest.
- 12. Plan next meeting agenda

The next meeting is currently scheduled for April 24, 2025 at 4:00 PM.

Adjourn

The meeting was adjourned at 6:27 PM.

DRAFT



CONTRA COSTA COUNTY

1025 ESCOBAR STREET
MARTINEZ, CA 94553

Staff Report

File #: 25-1505

Agenda Date: 4/24/2025

Agenda #: 6.

Advisory Board: Hazardous Materials Commission

Subject: Pipeline Safety Overview Presentation

Presenter: Jim Hosler, CAL FIRE

Information: Attached to this agenda item is a PowerPoint presentation on pipeline safety from CAL FIRE-Office of the State Marshall.

Recommendation(s)/Next Step(s): RECEIVE a presentation on pipeline safety from Jim Hosler of CAL FIRE.



CAL FIRE - Office of the State Marshal
Pipeline Safety Overview
Contra Costa County April 24, 2025

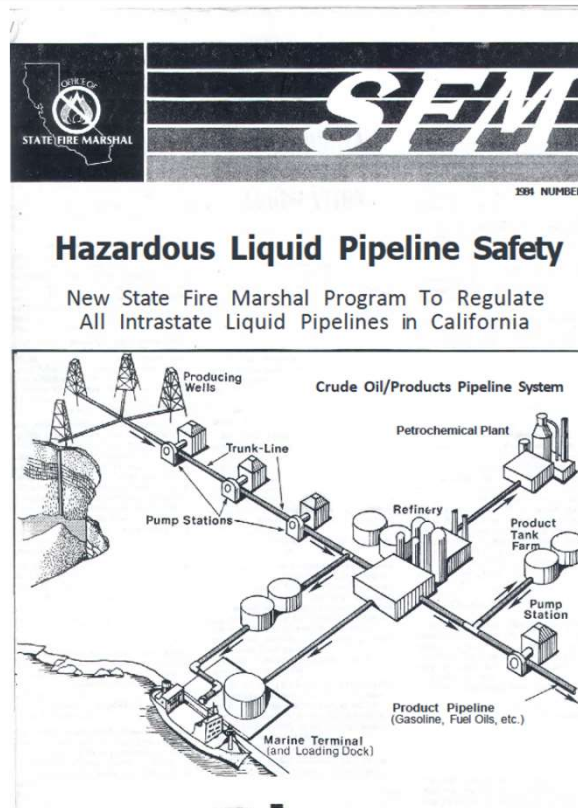




Pipeline Safety and CUPA



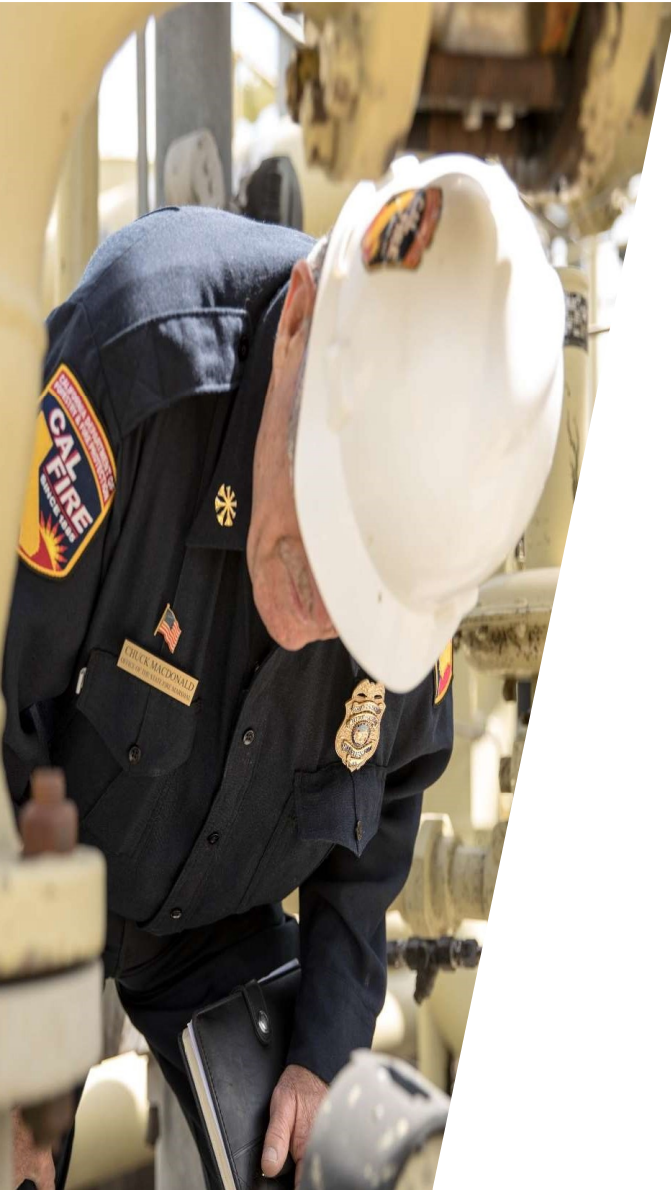
Serving the Citizens and State since 1984



History

- ▶ 1980 - Gale Ave fire - Long Beach - spawned legislation creating our program
- ▶ 1989 - Runaway Train derailment & subsequent Calnev pipeline fire - San Bernardino - NTSB investigation - 4 fatalities (Duffy Street)
- ▶ 1994 - Northridge earthquake - Fire and failure of oxyacetylene pipeline
- ▶ 2004 - Walnut Creek fire - 5 fatalities - largest civil penalty - \$325,000
- ▶ 2015 Refugio Oil Spill- 3,400 barrels of oil released into the ocean. Drove - SB295/AB864





What do we do?

The State Fire Marshal is directly responsible for:

- Regulating the safety of approximately 5,500 miles of intrastate hazardous liquid transportation pipelines
- 800 breakout tanks
- Over 50 pipeline operators within California





What do we do?

- The Pipeline Safety Division:
 - Consists of 21 engineers,
 - Analytical staff,
 - Clerical support located in both Northern and Southern California.



Authority

USDOT PHMSA grants the OSFM exclusive regulatory authority over intrastate hazardous liquid pipelines. These California State Agencies are responsible for the following aspects of petroleum production:

- The Elder Pipeline Safety Act of 1981 (California Government Code §51010-51019.1)
- California Code of Regulations, Title 19 §2000-2075
- Federal Law 49 U.S.C. §60101-60141
- Code of Federal Regulations, Title 49 Part 195





Inspections

- Operation & Maintenance Records
- Operator Qualification
- Public Awareness
- Construction & Design
- Emergency Response Plans
- Drug & Alcohol Programs
- Integrity Management Plans
- Control Room Management Program
- Breakout Tank

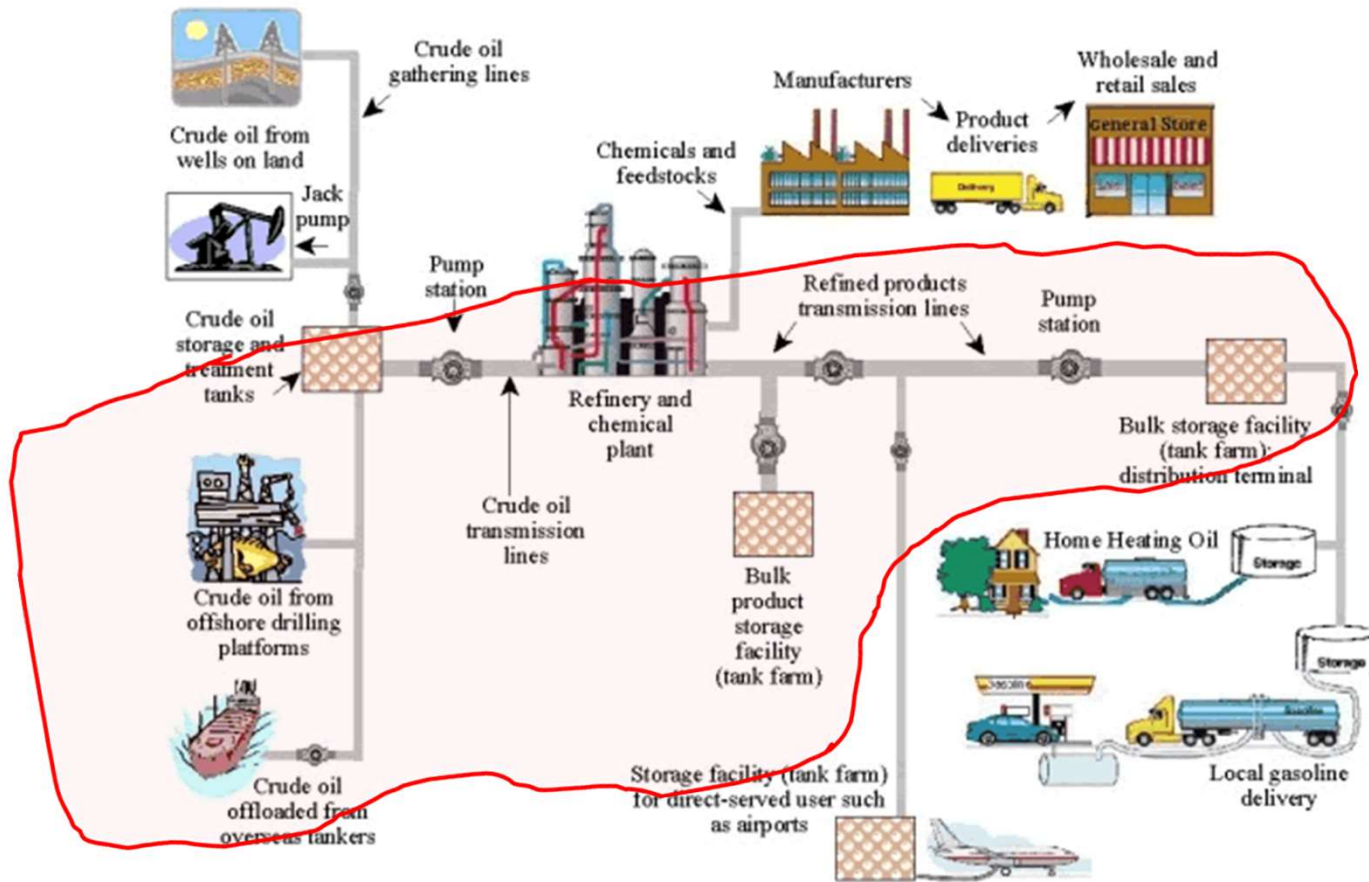


What We Regulate

- Most hazardous liquid pipelines in public areas
- Offshore pipelines
- Breakout Tanks
- Commodities
- Crude
- Gasoline, diesel, jet fuel
- Ethanol
- Highly Volatile Liquid
- CO2
- Anhydrous ammonia

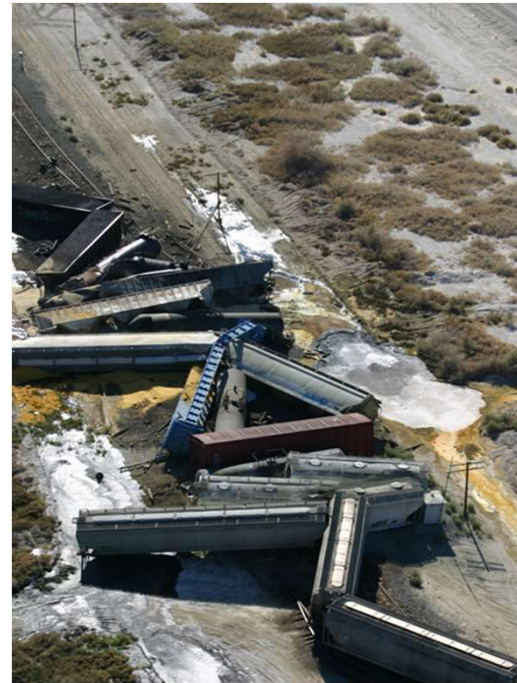


Petroleum Cycle



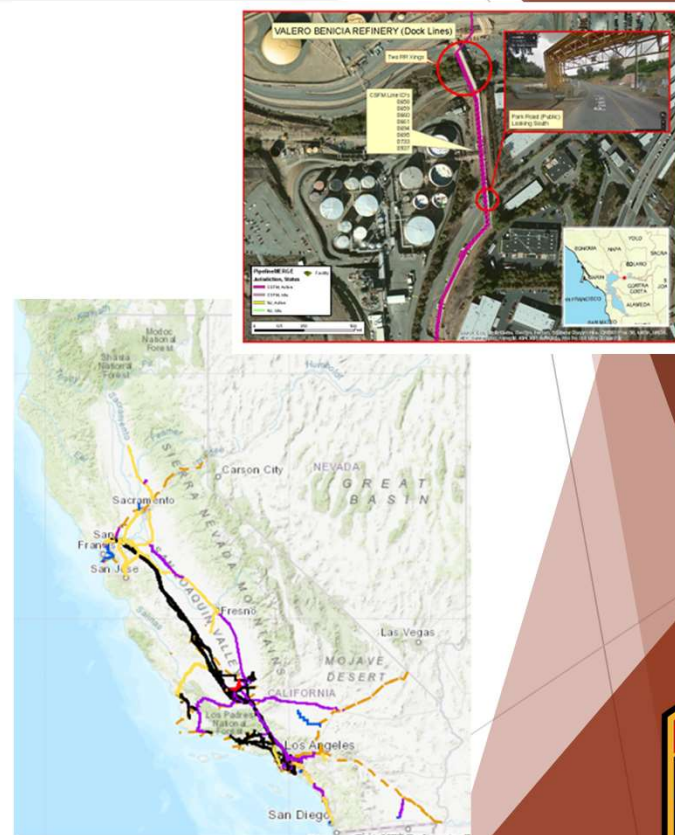
What Are Our Emergencies

- OES is notified of all pipeline spills (including train derailments)
- We respond to all pipeline fires, explosions, and train derailments
- OES notifies OSFM -24 hrs. a day
- Each notification is checked vs. our pipeline map and investigated if jurisdictional
- Pipeline safety engineers are required to respond 24 hrs. a day



GIS Program

- Provides a comprehensive Geographic Information System (GIS) database of pipeline information for the specific intent of emergency response
- Responds to over 1300 annual requests for pipeline location information
- Centralized data and mapping information for pipeline facilities in the state



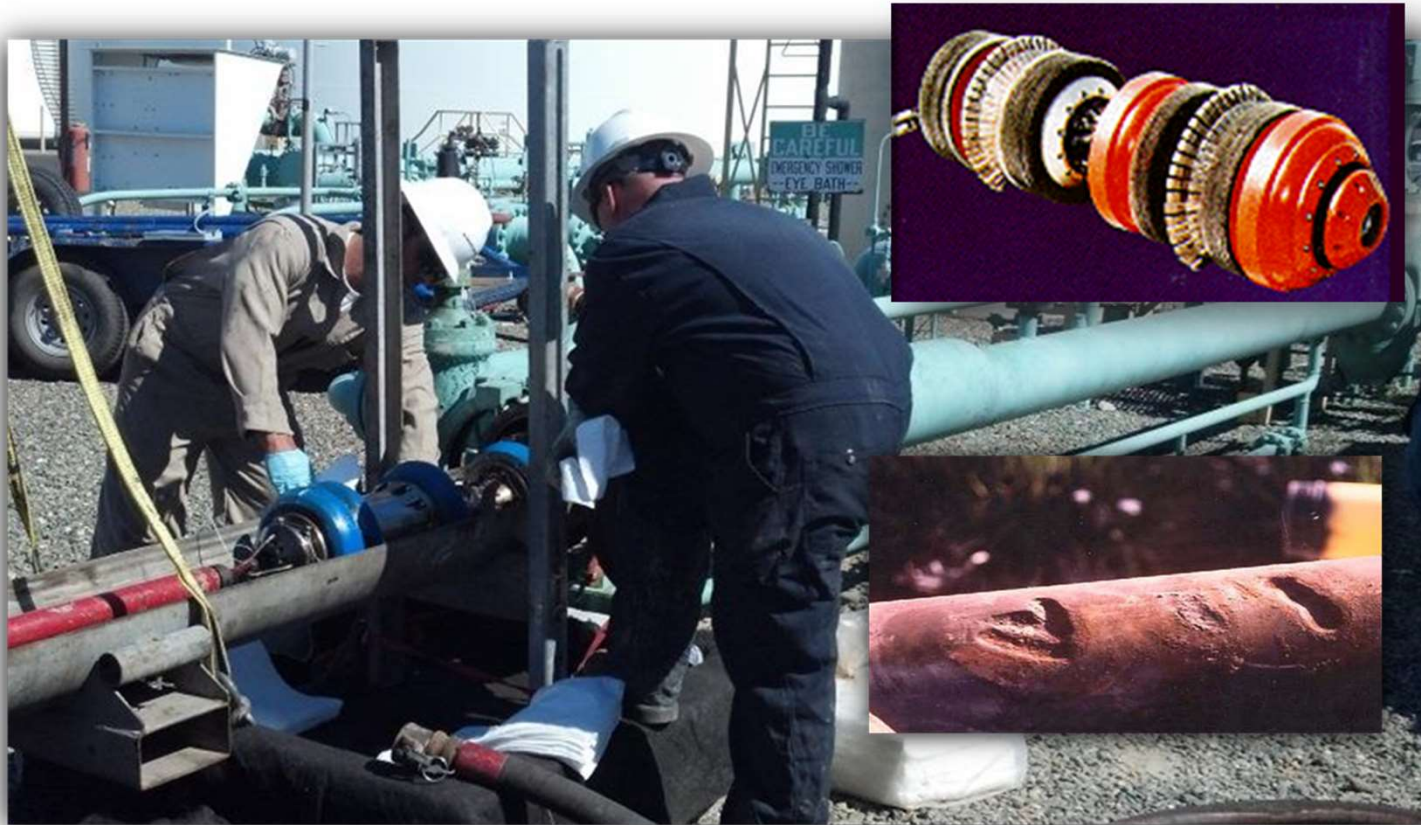
Pipeline Safety



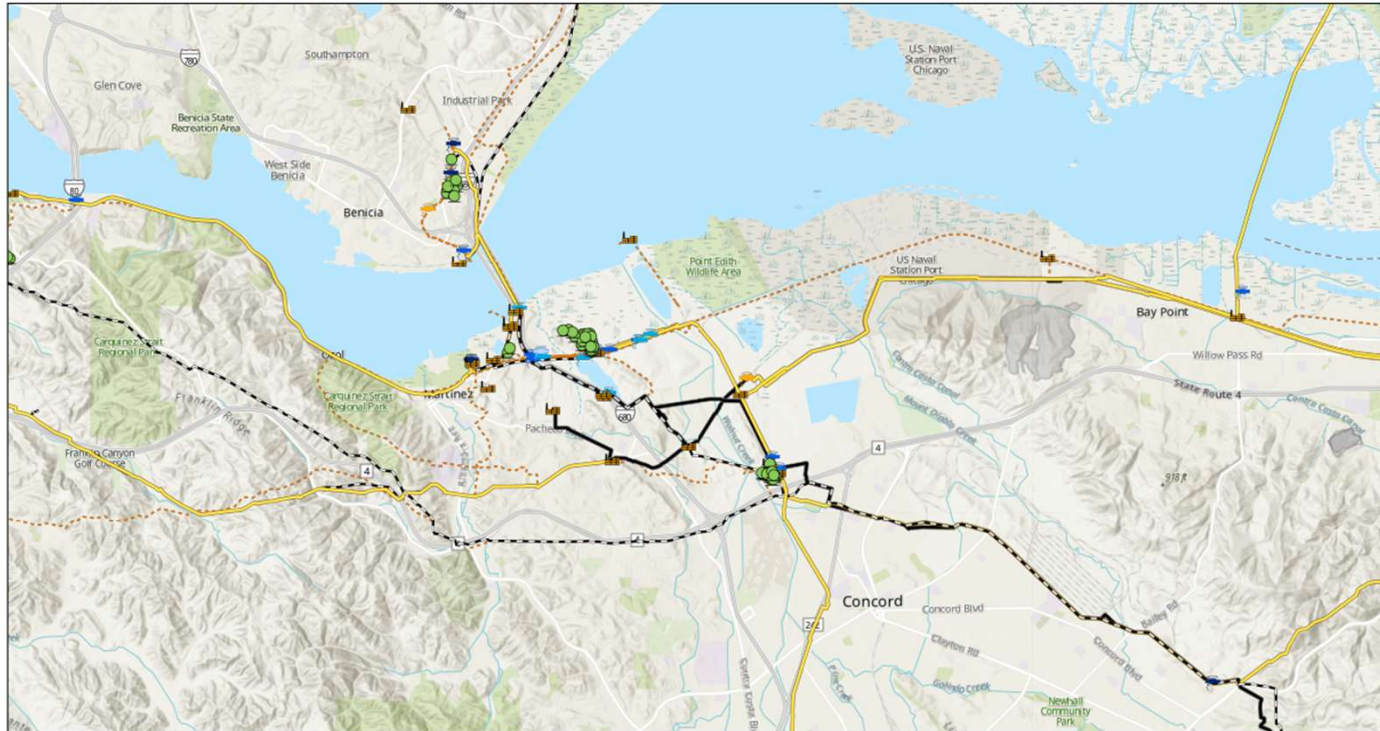
Pipeline Safety



Pipeline Safety



Pipeline Safety



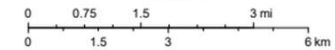
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CA Fire Perimeters NIFC FIRIS public view - FIRIS WFIGS ComboLayer

- Inactive
- Tank
- Facility
- Leak
- 1980s

- 1990s
 - 2000s
 - 2010-2015
 - 2016-2019
 - 2020-today
- Jurisdictional Pipeline**
- Crude Oil
 - Refined Products (non-HVL)
 - Out-of-Service (full or in part)
 - Non-Jurisdictional Pipeline
 - World_Hillshade

1:93,854



CAL FIRE - Office of the State Fire Marshal, Pipeline Safety Division, Esri, NASA, NGA, USGS, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METINASA, USGS, Bureau of Land Management, EPA, NPS, USDA, USFWS



What is CUPA?

- ‘CUPA’ stands for Certified Unified Program Agency
- OSFM ‘CUPA’ Program is one of the 5 state organizations involved in overseeing local CUPAs that implement California’s Unified Hazardous Materials and Hazardous Waste Regulatory Programs (collectively called the ‘Unified Program’)



What is CUPA?

- OSFM has statewide oversight of 2 programs:
- Aboveground Petroleum Storage Act (APSA)
- California Fire Code Hazardous Materials Management Plan (HMMP) and Hazardous Materials Inventory Statement (HMIS)



What a CUPA does?

- Each local city or county CUPA consolidates the administration, permitting, inspections, and enforcement activities of the six Unified Program elements within their jurisdiction
- Hazardous Materials Release Response Plan and Inventory (HMRRP) (or Hazardous Materials Business Plan [HMBP]) [CalEPA]
- California Accidental Release Prevention (CalARP) [CalEPA]
- Underground Storage Tank (UST) [State Water Board]



What a CUPA does?

- Aboveground Petroleum Storage Act (APSA) [OSFM]
- Hazardous Waste Generator and Onsite Hazardous Waste Treatment (including Tiered Permitting) [DTSC]
- California Fire Code Hazardous Materials Management Plans (HMMP) and Hazardous Materials Inventory Statements (HMIS) [OSFM]



AFFF

SB-1044 enacted the Health and Safety Code Sections 13029, 13061, and 13062 to gradually phase out the PFAS from Class B firefighting foam. The Office of State Fire Marshal (OSFM) is tasked to monitor the use of PFAS at designated facilities, issue waivers to refineries and terminals for fixed suppression systems meeting identified criteria.

- [CAL FIRE- OSFM information Bulletin 21-002](#)
- January 1, 2022 - AFFF with added PFAS cannot be used in the state except with very specific exemptions. None apply to fire departments in the field.





Resources can be found at osfm.fire.ca.gov.





CONTRA COSTA COUNTY

1025 ESCOBAR STREET
MARTINEZ, CA 94553

Staff Report

File #: 25-1507

Agenda Date: 4/24/2025

Agenda #: 7.

Advisory Board: Hazardous Materials Commission
Subject: Hazardous Materials Commission 2025 Priorities
Presenter: Mark Hughes, Chair

Information: Attached to this agenda item are the 2025 Hazardous Materials Commission Priorities and the committees they were assigned to.

Recommendation(s)/Next Step(s): Discuss any updates to the 2025 Hazardous Materials Commission Priorities including scheduling for guest speakers.

2025 HMC Priorities for Consideration

General Priorities

- Brownfield development-cleanup standards/reuses ; Emerging remediation technology e.g., in situ phytoremediation, bugs/bioremediation, albino redwoods, mycelium (mushrooms)
- Soil/water contamination – unhooded population impacts – signage for hazardous/carcinogenic/radioactive sites
- Carbon capture technologies/ carbon sequestration
- Concerns from increased electrification – byproducts, EV,
- PFAS/Forever chemical treatments (contact EPA)
- Thermographic ink used for receipts – carcinogenic concerns – raise public awareness
AB134? Banning in CA

Assigned to Operations Committee

- Hazardous Materials transportation corridors. E.g., Railroads, impacts from Sea Level Rise DCD working on this as well)
- Battery waste management, recycling ; Promote sodium batteries vs lithium batteries ; emergency response/chemicals used for fires (contact EPA ; Con Fire)
- Hydrogen generation

Assigned to Planning & Policy Committee

- Monitor general plan (continue)
- CWS notification
- Aviation fuel changes (2031) (Richmond company “twelve” jet fuel from CO2)