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**Community Emissions Reduction Plan (CERP)
Community Steering Committee Meeting #43**

April 28, 2025

Welcome

Marisol Cantú, CSC Lead

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Agenda

TIME	TOPIC
5:30 PM	Welcome, Meeting Logistics, Agenda
5:40 PM	Approval of Meeting Minutes from March 24th, 2025 (Action Item)
5:45 PM	Just Transition Plan of Action (Action Item)
6:05 PM	Flaring Foundation, CSC Perspective, and Q&A Discussion
6:40 PM	Break
6:50 PM	Flaring in the PTCA Plan, Action Implementation, and Engagement Discussion
7:25 PM	Next Steps/Meeting Details
7:30 PM	Public Comment on Non-Agenda Item Matters and Meeting Close-Out

Tips for Participants for a Successful Hybrid Meeting and Meeting Agreements

Tips for Successful Hybrid Meeting

- **Minimize background noise** – avoid side conversations
- **Mute your microphone** until Facilitator calls your name
- **Raise your hand to speak** whether attending in-person or virtually
- **Say your name before speaking** whether attending in-person or virtually
- **Mindful Q&A** – 2-minute timer set for questions and AD Staff answers
- **Technology happens** – please be patient. If audio or video issues, please use raised hand function and/or write in the zoom chat

CSC Meeting Expectations

- **Be prepared** - Review materials beforehand: CSC meeting slide-deck & pre-read materials (if any)
- **Be engaged** – Encouraged to have camera on for virtual attendance and ask questions. We'll “popcorn” mic to allow quieter CSC members to have space
- **One mic, one voice** - Please be respectful and wait until called on.
- **Progressive Stack approach** – to ensure CSC processes always inclusive
- **Action items** – Once Public Comment concluded, one CSC member motions with 2nd motion required for a vote

April Meeting Goals

Goal 1	Approve the March 24th CSC Meeting Minutes.
Goal 2	The CSC will receive a presentation on the Just Transition Plan of Action Proposal and will vote to approve the Plan of Action Proposal.
Goal 3	The CSC will receive a presentation on Flaring foundation and engage in a Q&A discussion.
Goal 4	The CSC will receive a presentation to understand Flaring in the PTCA Plan, Action Implementation, and engage in discussion.

Where are We Today? - 2025 Agenda Planning Recap

April

Flaring
Just Transition
PoA

May

Legal
Approaches;
NOV Updates

June

TBD

July

*CSC Workshop: Just
Transition*

August

Year 1 Reflection
and Year 2
Visioning

September

Finalize Year 1
Annual Report

October

Finalize Year 2
Implementation
Plan

December

TBD

Note: 2025 agenda-planning results are draft – CSC members can provide input via email to all 3 Leads/chat offline

Approval of March 24th, 2025 Meeting Minutes

Marisol Cantú, CSC Lead



Steering Committee Questions and Discussions

Marisol Cantú, CSC Lead



Public Comment

Marisol Cantú, CSC Lead



Just Transition (JT) Plan of Action (Action Item)

Luna Angulo-Castro, CSC Member

Samir Shrestha, CSC Member



What is Our Goal?

- Finalize a set of Just Transition Principles and Criteria to be voted on by the CSC and considered in Air District legal approaches (FR 3.8)
- Research and develop educational resources and conduct learning sessions on Just Transition and Environmental Justice topics with Air District support
- Serve as a CSC liaison to government and non government agencies to actively engage in Just Transition work
- Identify ongoing funding, training, workforce development, and resource needs while tracking and evaluating the application of Just Transition Principles and Criteria

What is Our Goal? (Cont.)

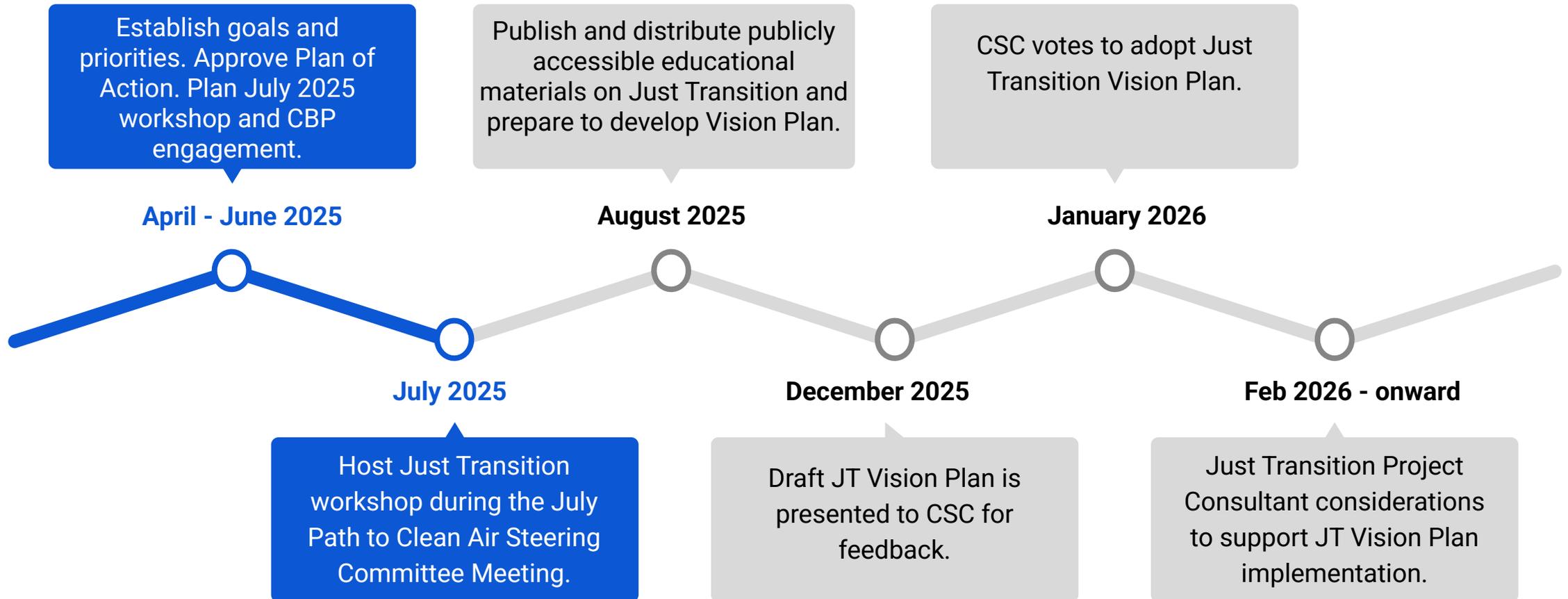
- Create a Just Transition Vision Plan that outlines key elements of a transition away from fossil fuels with critical criteria (FR 1.1)
- Consider contracting with a Just Transition Project Consultant to support the Just Transition Standing Committee's future visions and plans
- Facilitate the CSC's overall engagement in implementation of FR Strategy 1 action items

How We Do This

Just Transition Steering Committee Facilitation	Facilitate long-term planning and agenda-setting for the group's ongoing work
Education Strategy	Lead the development of the educational materials
Outreach Strategy	Lead the development of the outreach strategy
Just Transition Vision Plan Development	Lead the development of the JT Principles and Criteria, Just Transition Vision Plan
Just Transition Project Consultant	Lead the development of the request for proposal process to contract with a Just Transition Project Consultant



Just Transition Plan of Action Timeline



Request for Action

- Recommend the Community Steering Committee approve the Just Transition Standing Committee Plan of Action Proposal

Steering Committee Questions and Discussions

Marisol Cantú, CSC Lead



Public Comment

Marisol Cantú, CSC Lead



Vote to Approve the Just Transition Standing Committee Plan of Action Proposal

Action Item

- Recommend the Community Steering Committee approve the Just Transition Standing Committee Plan of Action Proposal

Flaring Foundation, CSC Perspective, and Q&A Discussion

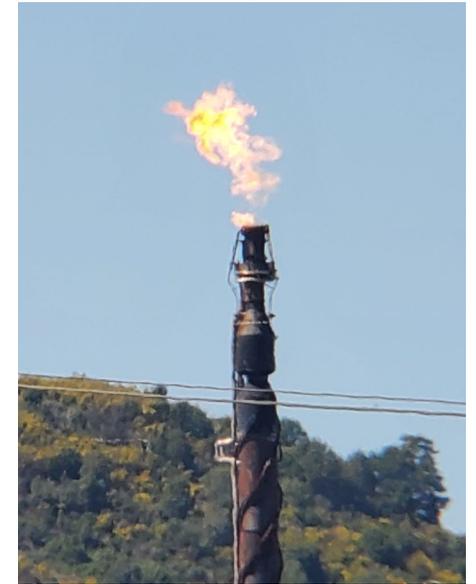
Danny Fung, Senior Air Quality Specialist, Air District

Joseph Palmer, Principal Air Quality Specialist, Air District



What is a Flare System?

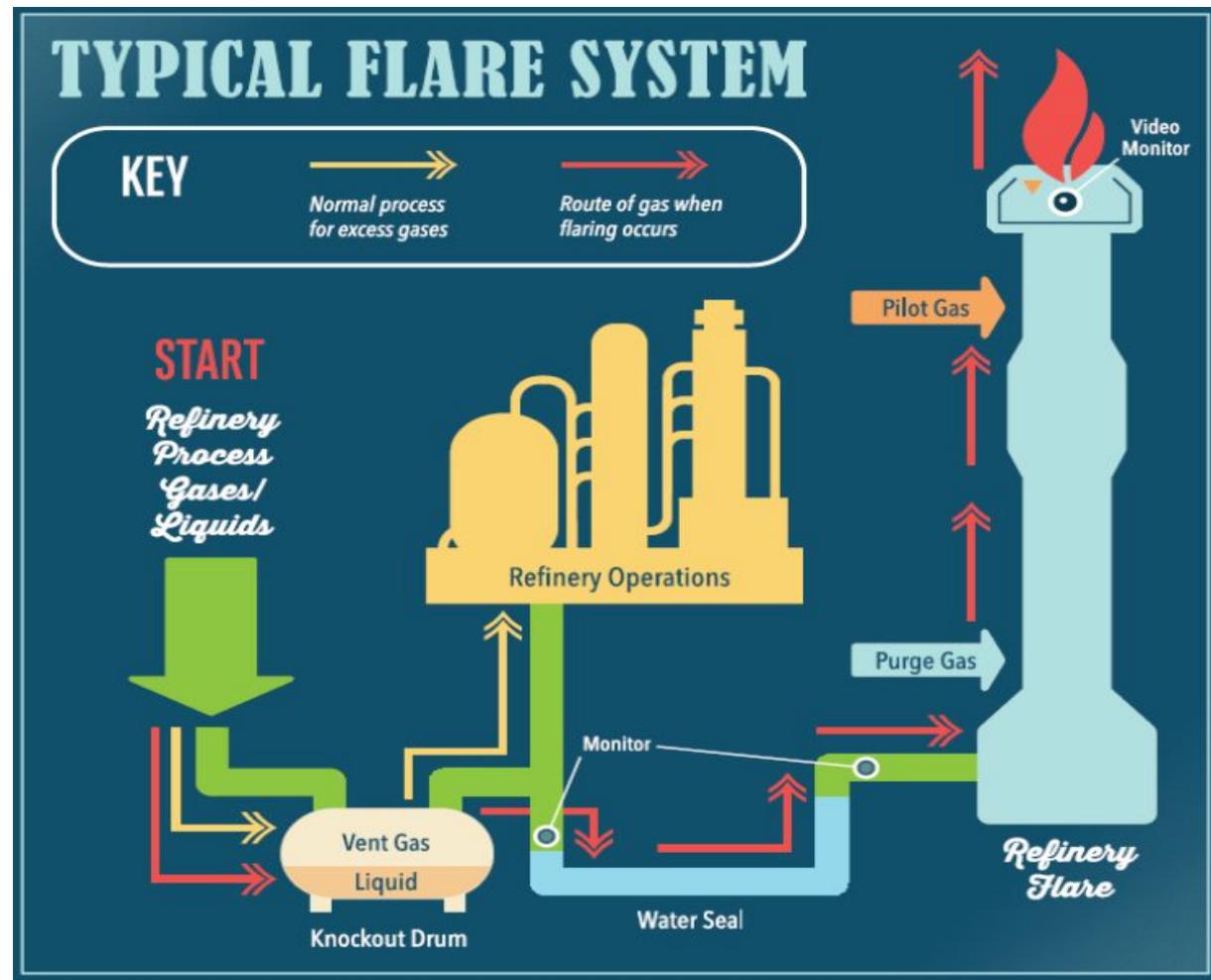
- Safety device
- Burns hydrocarbon gases
- Prevents build up of pressure
- Eliminates potential fire/explosion
- Lesser impact than direct release of gas without burning



What is a Flaring Event at a Refinery?

Common causes of excessive gas build up:

- Planned
 - Start-up
 - Shutdown
 - Maintenance, equipment upgrades
- Unplanned
 - Emergencies
 - Equipment breakdown
 - Power outages



Which Rules Regulate Flaring?

Regulation 12, Rule 11 (12-11): Flare Monitoring at Refineries

- Monthly flaring report: monitor, record, sample
- Vent gas volume and composition

Regulation 12, Rule 12 (12-12): Flares at Refineries

- Reduce frequency and magnitude of flaring events
 - Flare Causal Reports
 - Flare Minimization Plans (FMP)

What are Reportable Flaring Events?

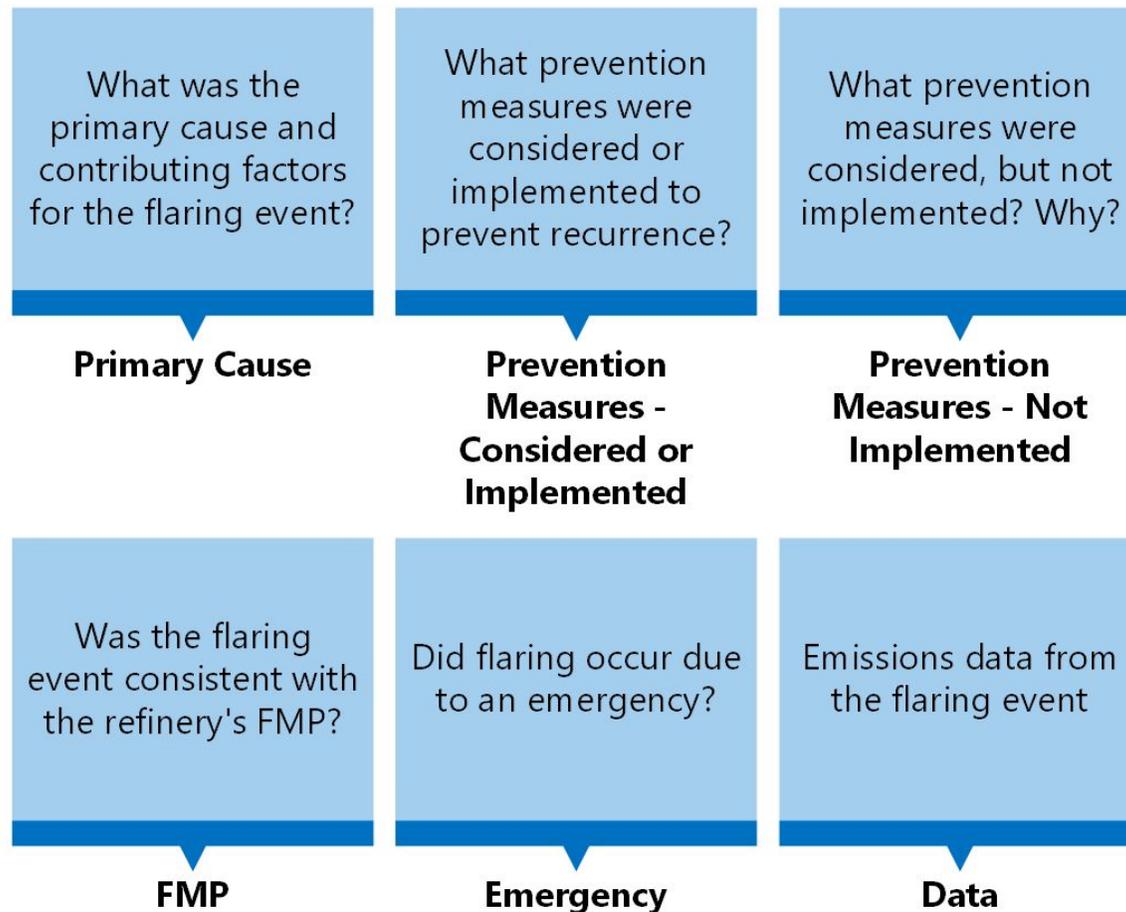
Reporting thresholds:

- >500,000 ft³/day of gas, or
- >500 lb/day Sulfur Dioxide

Requirements:

- Flare notification to the Air District
- Flare Causal Report
 - Due 60 days from the end of the month that flaring occurred
 - Investigated by Inspectors

Flare Causal Report Requirements



What is a Flare Minimization Plan (FMP)?

Purpose:

To cut flaring emissions by reducing their frequency and magnitude

Rule 12-12 Approach:

- Annual FMP update to ensure continuous improvement
- Requires feasible prevention measures

2023-2024 Flare Minimization Plans - (Approved in 2025)

The District approved the FMP Annual Updates after careful evaluation and consideration of the public comments as required by Regulation 12, Rule 12. These FMP Updates addressed refinery flaring activity during the period July 1, 2023 - June 30, 2024.

Click on the links in the table below to view the current approved FMP Annual Updates for each refinery and the current FMP Annual Update public comments.

Refinery	FMP Updates
Chevron	2024 Chevron Annual FMP Update (1 Mb PDF, 101 pgs, posted 10/3/2024)
Marathon	2024 Marathon Annual FMP Update (9 Mb PDF, 96 pgs, posted 10/3/2024)
Martinez Refining (Shell)	2024 Martinez Refining Company (Shell) Annual FMP Update (1 Mb PDF, 129 pgs, posted 2/24/2025)
Phillips 66	2024 Phillips 66 Annual FMP Update (1 Mb PDF, 136 pgs, posted 10/3/2024)
Valero	2024 Valero Annual FMP Update (2 Mb PDF, 194 pgs, posted 10/3/2024)

What is Required in an FMP Update?

Per Rule 12-12-401, all annual FMP updates submitted to the Air District must include the following sections:

- **Technical data:** A description and technical information for each flare
- **Reductions previously realized:** Any improvements installed or implemented within the last five years to reduce flaring
- **Planned reductions:** Any planned improvements that will be installed or implemented in the next 5 years to eliminate or reduce flaring
- **Prevention measures:** A description and evaluation of flaring prevention measures

FMP Annual Review Timeline

Send public comments to: compliance@baaqmd.gov

1

FMP Submission Deadline

October 1st

All refineries must submit their annual FMP update to the Air District by October 1st.

2

Public Comment - 30 Days

All FMPs are made available for public review on the Air District's website.

Public comments that are submitted in writing or electronically during this 30-day period will be considered as part of the final FMP review process.

3

Air District Review - 45 Days

The Air District has 45 days after the Public Comment period closes to identify additional deficiencies, or approve the updated FMPs.

Refineries have 30 days from the date of notification to correct any deficiencies.

4

FMP Approval

Approved FMPs are made available on the Air District's website.

Flaring Inspections & Investigations

- **Complaint Response and Investigation**

- Complaints submitted to the Air District will be investigated

<https://www.baaqmd.gov/online-services/air-pollution-complaints>

- **On-site Inspection**

- Meet with refinery EHS staff and operators
- Investigate root cause of flaring - emergency, start-up and shutdown, maintenance, process upsets, malfunctions
- Review refinery process diagrams, flare causal reports, emissions monitoring records
- Inspect equipment/procedures related to the flaring event
- Verify compliance with applicable Federal flaring regulations

Flaring Inspections & Investigations Cont.

- **Reports (Monthly & Flare Causal)**

- Administrative requirements
 - Timeliness, completeness
- Content requirements
 - Adequate sampling
 - Cause of flaring event - e.g., planned vs unplanned
 - Repeated/recurring problem - has the refinery flared for the same reason before?
 - Corrective actions - appropriate actions taken to address the cause of flaring?
 - Consistent with FMP - violation of any conditions set in the refinery's FMP?

What information is received and shared with the Air District about Flaring Events?

Information received immediately and during event:

- Chevron: notification of Reportable Flaring Event
- Contra Costa Community Warning System alert
- Complaints from community
- For major incidents: communication from first responder agencies

Information Air District receives later:

- Flare Causal Reports (Rule 12-12)
- Additional emissions/sampling/maintenance records

What is communicated to the public about flaring?

From Air District

- Notification banners on the Air District's website
- Public Notification Tool for incidents
- Flare Minimization Plans (Rule 12-12)
- Monthly Flare Emissions Reporting (Rule 12-11)

From other entities

- Contra Costa County Community Warning System
- Chevron's Flaring website (per 6-5 settlement agreement)

community warning system

Contra Costa County maintains a Community Warning System (CWS) to keep area residents informed during various community incidents that have the potential to impact residents.

LEVEL 0

Offsite impacts not expected and not expected to cause public concern.

NOTIFICATION

No notification sent to public.

ACTION

No community action required.

LEVEL 1

Odor or audible impact; flaring lasting longer than 20 minutes; or other non-flaring visual impact.

Awareness message sent to people who have opted in by texting CCHEALTH to 21423.

No community action required.

LEVEL 2

Has or expected to go offsite; may impact health of sensitive populations.

Public health advisory sent to landlines in affected areas. To opt-in your cellphone sign-up at cwsalerts.com.

The county will provide guidance on action to take.

LEVEL 3

Has or expected to go offsite; may impact health of general public.

Public protective actions issued to landlines in affected areas. CWS sirens activated. To opt-in your cellphone sign-up at cwsalerts.com.

The county will provide guidance on action to take.

Links to Additional Resources

Air District Incident Notification Sign-Up

<https://www.baaqmd.gov/en/contact-us/sign-up-for-information/air-quality-incident-notifications>

Report Air Pollution Complaint

<https://www.baaqmd.gov/online-services/air-pollution-complaints>

Monthly Emissions Data

<https://www.baaqmd.gov/about-air-quality/research-and-data/flare-data>

Flare Minimization Plans

<https://www.baaqmd.gov/en/plans-and-climate/air-quality-plans/flare-minimization-plans>

Regulation 12, Rule 11

https://www.baaqmd.gov/~media/dotgov/files/rules/refinery-rules-definitions/rq1211_20211103-pdf.pdf?rev=694ca947de004a788d889ad213e7955b&sc_lang=en

Regulation 12, Rule 12

https://www.baaqmd.gov/~media/dotgov/files/rules/refinery-rules-definitions/rq1212_20211103-pdf.pdf?rev=7db93f23469747fc8eca3b3f2dc773ff&sc_lang=en

Contra Costa County CWS Sign-Up

<https://cwsalerts.com/how-do-i/how-to-register/>

Chevron's Flaring Website

<https://richmond.chevron.com/environment/air-quality-and-flaring>

Repercussions of Flares

- Psychological Health Impacts
- Physical Health Impacts
- Community's Lived Experience (quotes sourced from Social Pinpoint):



 The Listening Project Podcast

“The Chevron Refinery has been blasting us with pollution (flares) off and on for a week. The **air smells terrible and my asthma is bad right now.**”

“Between chevron flaring and the Diesel engines, the neighborhood has been smelling like jet fuel and diesel. We have been coughing and having headaches regularly. The past month oct/nov have been particularly horrible. - I have to run an air filter next to my bed at night or I **wake up constantly coughing and a headache.**”

“Way too many flaring incidents from chevron this year and in the past, and **too many people with respiratory problems and can't go outside.**”

“Flaring from the pipes around Friday 13 August in the early afternoon. - I'm concerned about the flaring - what was emitted, and why was it happening? I haven't seen it in a while, and I'm concerned about why it's happening. **I had to stay indoors and could not go about my regular daily activities,** and ended up leaving the area.”

Perspectives from CSC Members



CSC Member Perspectives

1. Kerry Guerin

Steering Committee Questions and Discussions

Marisol Cantú, CSC Lead



Public Comment

Marisol Cantú, CSC Lead



Break (10 minutes)

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Flaring in the PTCA Plan, Action Implementation, and Engagement Discussion

Laura Cackette, Principal Environmental Planner, Air District
Brian Butler, Senior Air Quality Engineer, Air District
Robert Cave, Senior Air Quality Engineer, Air District



Flaring Action Implementation Discussions with CSC

May 2024 - CSC Meeting Presentation on Flaring:

- Slide deck and meeting recording link included in April 2025 pre-read
- Recap
 - Reviewed all relevant PTCA actions
 - Actions from FR Strategy 2: Reduce Persistent Flaring and Improve Incident Response
 - Also covered other related actions from FR Strategy 3: Hold Chevron and Other Emitters Accountable for Reducing Pollution and Negative Public Health Impacts from their Operations
 - Provided information on compliance measures to address flaring included in the Rule 6-5 settlement agreement
 - As well as an analysis of overlap between the settlement requirements and PTCA flaring actions
 - Discussed next steps for flaring actions, as transitioning into Plan implementation

Flaring Actions in the PTCA Plan

Fuel Refining (FR) Strategy 2: Reduce Persistent Flaring and Improve Incident Response

Actions:

- **FR 2.1** – Work with City to strengthen Industrial Safety Ordinance (ISO)
- **FR 2.2** – Coordinate with the CSC to improve and expand communications about all flaring events
- **FR 2.3** – Collaborate with County on Community Warning System (CWS) improvements
- **FR 2.4 and FR 2.5** – Air District improve incident response program; CSC make recommendations to Air District Incident Response Ad Hoc (concluded)
- **FR 2.6** – Rule Development to further evaluate potential updates to flaring Rules 12-11 and 12-12

Flaring Actions in the Air District's Strategic Plan

The Air District adopted its **2024-2029 Strategic Plan** in September 2024.

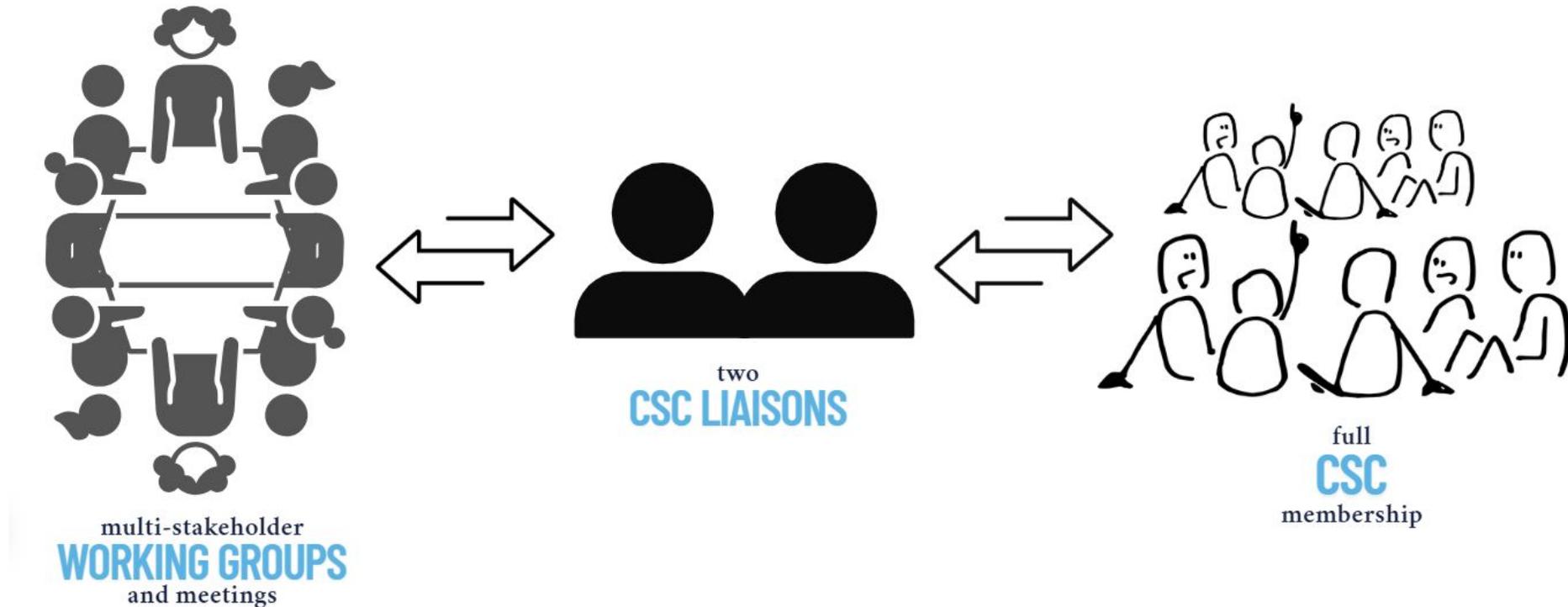
The Strategic Plan highlights importance of addressing flaring in Strategy 1.3:

Strategy 1.3 Minimize Flaring:

- Explore ways to minimize flaring
- Increase public engagement on flaring
- Share timely, accessible information
- Increase inspections and air pollution monitoring

Implementing PTCA Actions Regarding Flaring Solutions

- PTCA Action Implementation via CSC Liaison Participation in Multi-Stakeholder Working Groups and Meetings
 - 2-way communication to efficiently and effectively advance implementation



Multi-Stakeholder Working Groups and Meetings

Refinery Corridor Bimonthly Meeting Group

- Presented at March CSC meeting
- **Who:** Membership = Refinery Community Organizations
- **What:** Where communities impacted by refineries connect with the Air District to tackle emissions, compliance, and transparency head-on
- **When:** Meeting every other month
- **PTCA CSC:** 2 representatives
 - Currently: BK White and Lizbeth Ibarra



Multi-Stakeholder Working Groups and Meetings

Refinery Corridor Bimonthly Meeting Group

- **Next Steps**

- Highlights from last meeting (April 22nd) to be shared with the CSC
 - Highlights are sent regularly to a larger list of stakeholders
- Next meeting: ~June 2025

- **Past Topics**

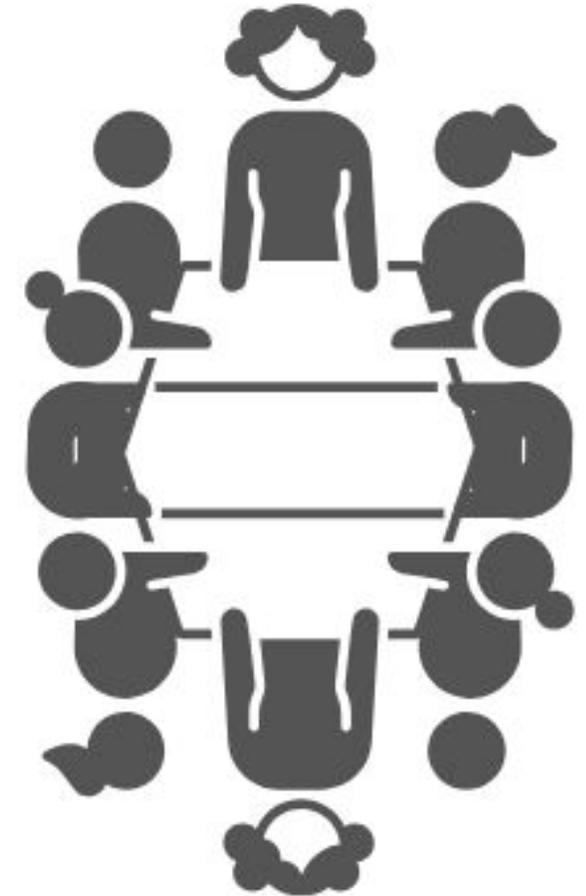
- Monitoring, Air Quality Information, Incident Response, Air District Complaint Program, Investigation Processes, Refinery Penalty Funds and Community Investments



Multi-Stakeholder Working Groups and Meetings

Refinery Technical Working Group

- **Who:** Membership composed of Industry, Labor, Community, Local Government, and Air District
- **What:** Multi-stakeholder Technical Working Group to discuss rule development and other efforts related to reducing flaring at Bay Area refineries
- **When:** Meeting approximately every two months for 60-90 minutes
- **PTCA CSC:** 2 CSC representatives (TBD)
- **Next Steps:** Kick Off (1st meeting: Q2 2025)
 - Introduce the membership, intent, rules of engagement, and outline subject matters of interest

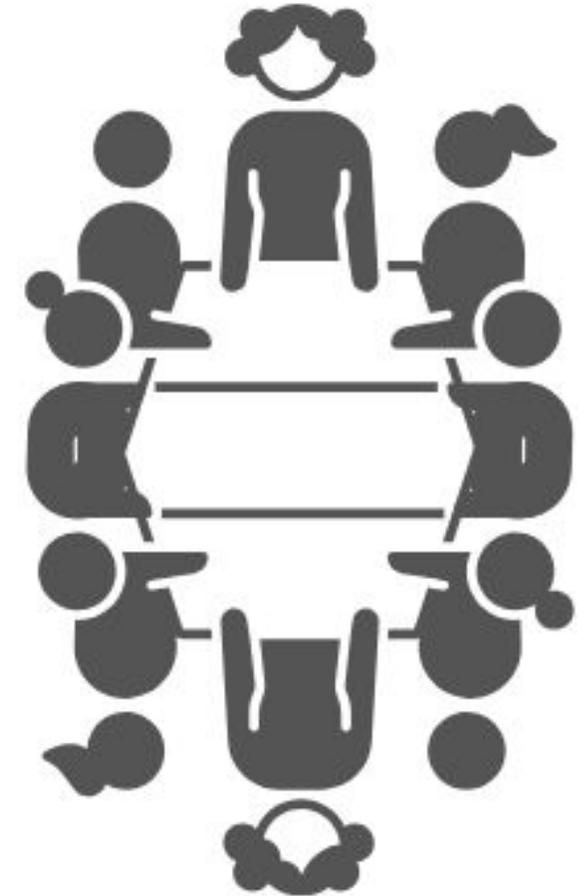


Multi-Stakeholder Working Groups and Meetings

Refinery Technical Working Group:

Goals

- Collaboratively **produce educational materials on flaring**, to promote a better understanding of the factors that cause flaring events, the different types of flaring events, and the varying health effects these events may pose to the surrounding community
- Aid in the **review of technical materials**
- **Discuss topics** such as measurement methods, control equipment and methods, emission reduction estimates, compliance cost, and communication with the surrounding community
- **Discuss regulatory concepts** and recommendation on draft rule language



Large Group Engagement Discussion

Marisol Cantú, CSC Lead



Large Group Discussion Instructions

Discuss engagement in implementing PTCA flaring actions

- Guiding questions (23 min)
 - How would the CSC like to be involved in implementing flaring actions, and how can we ensure the CSC stays connected and up to date?
 - Through CSC liaisons communicating back and forth via the CSC and working groups to further goals of PTCA and implementation of relevant actions?
 - What are liaison roles, expectations, etc (e.g., report backs)?
 - As a CSC member, what type of information would you want to hear back from a Liaison?
- Summarize discussion takeaways (3 min)

Public Comment

Marisol Cantú, CSC Lead



Next Meeting Details

Marisol Cantú, CSC Lead

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Next Meeting Details

- **May 19th, 2025**
 - May's meeting is on the 3rd Monday due to the May 26th Memorial Day holiday
 - Time: 5:30 - 7:30 PM
 - On-site Location: Richmond HQE
 - 4114 Lakeside Dr., Richmond CA 94806
 - Online: Zoom (link provided in the coming weeks)

Public Comment on Non-Agenda Matters

Marisol Cantú, CSC Lead

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