

Bay Area Air Quality Management District
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San Francisco, California 94105
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APPROVED MINUTES

Stationary Source and Climate Impacts Committee Meeting
Monday, February 28, 2022

**This meeting was conducted under procedures in accordance with Assembly Bill 361.
Members of the Committee participated by teleconference.**

1. CALL TO ORDER – ROLL CALL

Stationary Source and Climate Impacts Committee (Committee) Chairperson John Bauters called the meeting to order at 9:00 a.m.

Present: Committee Chairperson John Bauters; Committee Vice Chairperson Lynda Hopkins; and Directors Rich Constantine, John Gioia, David Haubert, Davina Hurt, Tyrone Jue, Nate Miley, Karen Mitchoff, Rob Rennie, and Mark Ross.

Absent: None.

2. PLEDGE OF ALLEGIANCE

3. PUBLIC MEETING PROCEDURE

4. APPROVAL OF THE MINUTES OF DECEMBER 20, 2021

Public Comments

No requests received.

Committee Comments

None.

Committee Action

Director Mitchoff made a motion, seconded by Director Gioia, to **approve** the Minutes of December 20, 2021; and the motion carried by the following vote of the Committee:

AYES: Bauters, Constantine, Gioia, Haubert, Hurt, Jue, Mitchoff, Rennie, Ross.
NOES: None.
ABSTAIN: None.
ABSENT: Hopkins, Miley.

5. PROPOSED NEW REGULATION 13: CLIMATE POLLUTANTS, RULE 5: INDUSTRIAL HYDROGEN PLANTS AND PROPOSED AMENDMENTS TO REGULATION 8: ORGANIC COMPOUNDS, RULE 2: MISCELLANEOUS OPERATIONS

Damian Breen, Senior Deputy Executive Officer of Operations, introduced Victor Douglas, Rule Development Manager, who gave the staff presentation *Proposed Regulation 13: Climate Pollutants, Rule 5: Industrial Hydrogen Plants*, including: outcome; outline; requested action; background; recent rule development history; hydrogen production steps; why do hydrogen vent emissions occur; overview of hydrogen plant configurations; proposed new rule provisions; potential nitrogen oxide (NOx) and greenhouse gas (GHG) emissions impacts of a flare; net GHG emissions from potential operation of a flare; cost and cost effectiveness analysis; socioeconomic impact analysis; aesthetic impact of potential new flares; visible emissions from flares; next steps; and feedback requested/prompt.

NOTED PRESENT: Vice Chair Hopkins was noted present at 9:10 a.m., and Director Miley was noted present at 9:30 a.m.

Public Comments

Public comments were given by Dr. Stephen Rosenblum, Palo Alto resident; Jed Holtzman, San Francisco resident; Jan Warren, Interfaith Climate Action Network of Contra Costa County; and Richard Gray, Sunflower Alliance.

Committee Comments

The Committee and staff discussed different types of refinery flaring and the causes, whether flaring is something that the public should be concerned about, and whether the method of flaring is cost effective for refineries; whether electrolysis of water is a viable alternative method of producing hydrogen; technologies that industrial hydrogen plants who are exempt from this rule are utilizing to minimize methane and other organic compound emissions, and why exempt facilities first implemented those technologies; the projected social cost of carbon (range); alternative methods to flaring at hydrogen plants, and how economic impacts may influence industry to choose one method over another; the anticipated water usage that may be needed for production at hydrogen plants; and how often venting and flaring incidents occur at hydrogen plants.

Committee Action

Although this was not an action item, Chair Bauters asked for a consensus of the Committee members present to endorse staff's recommendations. The consensus of the Committee members present was to direct staff to move forward with their recommendations.

6. REGULATION 11, RULE 18 (RULE 11-18) FACILITY RISK REDUCTION PROGRAM - STRATEGIES FOR ACCELERATING FACILITY RISK REDUCTIONS

Mr. Breen introduced Carol Allen, Engineering Manager, who gave the staff presentation *Strategies for Accelerating Facility Risk Reductions*, including: outcome; outline; requested action; Rule 11-18 (Reduction of Risk from Air Toxic Emissions at Existing Facilities) implementation process; implementation time estimate; implementation delays; pros and cons of November 2021 program improvements; accelerating Health Risk Assessment (HRA) and Risk Reduction Plan (RRP) approvals; staffing needs and schedule impacts; progress on HRAs; and next steps.

Public Comments

Public comments were given by Jed Holtzman, San Francisco resident; Richard Gray, Sunflower Alliance; and Jan Warren, Interfaith Climate Action Network of Contra Costa County.

Committee Comments

The Committee and staff discussed potential strategies to accelerate HRA and RRP approvals; whether the most recent Board approval for a staffing increase included engineering staff that would alleviate Rule 11-18 Engineering staff of permitting tasks; the intent to prioritize the designation of a group of Engineering staff solely to Rule 11-18 (once the Air District's management audit is conducted); whether efforts to accelerate the processing of HRAs and RRP in disadvantaged and overburdened communities can complement Community Air Protection Program (Assembly Bill 617) efforts in those same communities; the comparison of the Air District's current staffing levels compared to those of other air districts in California; and recruitments for/potential costs of additional Engineering staff (to be dedicated solely to Rule 11-18.)

Committee Action

Although this was not an action item, the consensus of the Committee members present was to recommend that Air District staff recommend to the Board that additional staff be hired so that permitting activities may be removed from all modeling staff, thus shortening the estimated time of completion of Health Risk Analyses from five to two years.

7. PROPOSED 2022 STATIONARY SOURCE AND CLIMATE IMPACTS COMMITTEE MEETING WORK PLAN

Mr. Breen gave the staff presentation *Introduction to the Stationary Source & Climate Impacts Committee and 2022 Work Plan*, including: outcome; outline; requested action; 2022 Stationary Source and Climate Impacts Committee Work Plan.

Public Comments

Public comments were given by Jed Holtzman, San Francisco resident.

Committee Comments

The Committee and staff discussed whether the Plan includes addressing emissions from the AB&I Foundry (in East Oakland) that pose an elevated health risk to the community and require a risk reduction plan.

Committee Action

None; receive and file.

8. PUBLIC COMMENT ON NON-AGENDA MATTERS

Public comments were submitted via email by Rohan Kaul.

9. COMMITTEE MEMBER COMMENTS

None.

10. TIME AND PLACE OF NEXT MEETING

Monday, March 21, 2022, at 9:00 a.m., via webcast, pursuant to procedures in accordance with Assembly Bill 361.

11. ADJOURNMENT

The meeting adjourned at 10:53 am.

/s/ Marcy Hiratzka
Marcy Hiratzka
Clerk of the Boards