

Bay Area Air Quality Management District
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APPROVED MINUTES

Summary of Board of Directors
Stationary Source Committee Meeting
Thursday, October 1, 2020

This meeting was conducted under procedures authorized by executive order N-29-20 issued by Governor Gavin Newsom. Members of the committee participated by teleconference.

1. CALL TO ORDER – ROLL CALL

Stationary Source Committee (Committee) Chairperson John Bauters called the meeting to order at 9:30 a.m.

Present: Committee Chairperson John Bauters; Vice Chairperson Karen Mitchoff; and Directors David Canepa, John Gioia, Carole Groom, Nate Miley, Mark Ross, Jim Spering, and Brad Wagenknecht.

Absent: Director Tyrone Jue.

Also Present: Board Chairperson Rod Sinks.

2. APPROVAL OF THE MINUTES OF JULY 29, 2020

Public Comments

No requests received.

Committee Comments

None.

Committee Action

Vice Chair Mitchoff made a motion, seconded by Director Wagenknecht, to approve the Minutes of July 29, 2020; and the motion carried by the following vote of the Committee:

AYES: Bauters, Canepa, Gioia, Groom, Miley, Mitchoff, Ross, Sinks, Spering, Wagenknecht.
NOES: None.
ABSTAIN: None.
ABSENT: Jue.

3. UPDATE ON THE DEVELOPMENT OF AMENDMENTS TO REGULATION 6, RULE 5 (RULE 6-5): PARTICULATE EMISSIONS FROM PETROLEUM REFINERY FLUIDIZED CATALYTIC CRACKING UNITS (FCCU)

Greg Nudd, Deputy Air Pollution Control Officer of Policy, introduced David Joe, Assistant Rule Development Manager, who gave the staff presentation *Update on the Development of Amendments to Rule 6-5*, including: outline; overview and background; draft amendments to Rule 6-5; other potential control options; potential; and next steps.

Mr. Nudd then introduced Dr. Phil Martien, Director of Assessment, Inventory, and Modeling, who gave the staff presentation *Fine Particulate Matter (PM)_{2.5} Impacts from Two Bay Area Petroleum Refineries*, including: overview; modeling approach; modeled sources; modeled emissions; modeled PM_{2.5}; modeled impacts; demographics; population exposures; exposure per capita; health impact; impact per ton; key insights – exposure, equity, benefits; and next steps.

Public Comments

Public comments were given by Kathy Helgerson, Cupertino resident; Dan Sakaguchi on behalf of Richmond Our Power Coalition; Kevin Buchan, Western States Petroleum Association; Christopher Palacio, United Steelworkers; Ann Vorderbrueggen, PBF Energy; Iren Suhami, Valero Refining Co.; Nick, United Steelworkers Local 5; Andrew Solak, PBF Energy; Jed Holtzman, 350 Bay Area; Jennifer Wood, United Steelworkers; Paula Capasi, PBF Energy; Andres Novoa, PBF Energy; Dr. Stephen Rosenblum, Palo Alto resident; Sharon Shearer, PBF Energy; Todd Osterberg, Chevron; Tyler Earl, Communities for a Better Environment (CBE); Denny Khamphanthong, Asian Pacific Environmental Network; Richard Gray, 350 Bay Area; Steve Nadel, Sunflower Alliance; Ladonna Williams, All Positives Possible; Jan Warren, Interfaith Climate Action Network of Contra Costa County; Todd (last name unknown); Daniel Sakaguchi, CBE; Brian Hubinger, Chevron; Jason Burton, PBF Energy; Adam Hanna, PBF Energy; Igor Kobrinovitch, PBF Energy; Andres Soto, CBE; and Greg Karras, Community Energy resource.

Committee Comments

The Committee and staff discussed if the of 0.020 gr/dsc limit on total PM₁₀ is based on electrostatic precipitator technology, and the estimated PM reduction for refineries if this technology is implemented for all facilities vs wet scrubbers; which and whose fluid catalytic cracking unit (FCCU) tests results are used to determine cost effectiveness of controls, and how to determine whether the results are accurate; whether there is a way to verify the refineries' profits accurately; whether estimated socioeconomic impacts shown in this presentation are based on Rule 6-5 in isolation, versus other Air District regulations; whether 'annual costs as % of annual net profit' for 2019 include refineries' capital and operational costs; whether refineries are using reclaimed water supplies for wet gas scrubbing; when the PM_{2.5} source testing results from the Chevron and PBF refineries will be available; when the data from the Air District's ongoing modeling study of PM_{2.5} impacts from other major industrial sources will be available; the extent of the Air District's engagement with stakeholders and interested parties in the development of proposed rule amendments; the baseline contribution of the Chevron and PBF refineries compared to the Air District's total permitted source inventory and Bay Area total of PM_{2.5}; whether the Air District can estimate the cost effectiveness of Rule 6-5 at Lehigh Cement Plant in Cupertino, once the proposed Consent Decree is approved and the facility is required to install emissions control

technology for nitrogen oxides and sulfur dioxide; the percentage of total Bay Area PM_{2.5} represented by the Chevron and PBF refineries' FCCUs; the cost effectiveness of similar rules adopted by the South Coast Air Quality Management District; whether the Air District's modeling results are consistent with data from its monitoring stations; the contribution of filterable and condensable PM compared to total PM; the request for more detailed maps of modeled impacts for all permitted sources of PM_{2.5} at Chevron and PBF; concerns regarding cost assumption that under the more stringent control option; and the request for additional socioeconomic projections to include health impacts to be incorporated into the rule making process, and the suggestion that the Air District's Advisory Council provides input on how to evaluate those impacts.

Committee Action

None; receive and file.

4. PUBLIC COMMENT ON NON-AGENDA MATTERS

Public comments were given by Jed Holtzman, 350 Bay Area; Andres Soto, Communities for a Better Environment; Greg Karras, Community Energy reSource; Sonja Hansen, Stanford University student; and Rhoda Fry, Cupertino resident.

5. COMMITTEE MEMBER COMMENTS

None.

6. TIME AND PLACE OF NEXT MEETING

At the conclusion of the meeting, the next meeting was scheduled for Tuesday, December 15, 2020, but after the meeting adjourned, the next meeting was scheduled for Thursday, December 17, 2020, at 11:30 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom.

7. ADJOURNMENT

The meeting adjourned at 12:39 p.m.

/s/ Marcy Hiratzka

Marcy Hiratzka
Clerk of the Boards