



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
STATIONARY SOURCE COMMITTEE

February 14, 2024

COMMITTEE MEMBERS

JOHN J. BAUTERS – CHAIR
BRIAN BARNACLE
JOHN GIOIA
OTTO LEE
STEVE YOUNG

MARK ROSS – VICE CHAIR
KEN CARLSON
LYNDA HOPKINS
VICKI VEENKER

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

**Bay Area Metro Center
1st Floor Yerba Buena Room
375 Beale Street
San Francisco, CA 94105**

**Office of Contra Costa County
Supervisor John Gioia
Conference Room
11780 San Pablo Ave., Suite D
El Cerrito, CA 94530**

**Office of Santa Clara County
Supervisor Otto Lee
70 W Hedding St
East Wing, 10th Floor
San Jose, CA 95110**

**City of Palo Alto City Hall
250 Hamilton Ave.
Palo Alto, CA 94301**

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 and Climate Impacts 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/89522950286>, or may join Zoom by phone by dialing (669) 900-6833 or (408) 638-0968. The Webinar ID for this meeting is: 895 2295 0286

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 MEETING AGENDA

WEDNESDAY, FEBRUARY 14, 2024

10:00 AM

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)

3. Approval of the Draft Minutes of the Stationary Source & Climate Impacts Committee Meeting of November 11, 2023

The Committee will consider approving the Draft Minutes of the Stationary Source & Climate Impacts Committee Meeting of November 11, 2023.

INFORMATIONAL ITEM(S)

4. Update on Schnitzer Steel Industries, West Oakland, dba Radius Recycling

The Committee will receive a presentation and update on Schnitzer Steel Industries, West Oakland, dba Radius Recycling, and will discuss the topic, including the Air District's response to the August 2023 fire, its work with other agencies to address community concerns, and its latest permitting efforts. This item will be presented by John Marvin, Air Quality Program Manager, Compliance & Enforcement Division.

5. Discussion of the Metal Recycling and Shredding Operations White Paper

The Committee will receive a presentation on the staff's draft Metal Recycling and Shredding Operations White Paper, and will discuss the topic including an overview of these operations, the current regulatory landscape, and staff recommendations for strengthening the Air District's rules. This item will be presented by Poornima Dixit, Senior Air Quality Engineer, Rules & Strategic Policy Division.

OTHER BUSINESS

6. 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.

7. 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)

8. Time and Place of Next Meeting

Wednesday, March 13, 2024, 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.

9. 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 Quality Management 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, Suma Peesapati, at (415) 749-4967 or by email at spesapati@baaqmd.gov.

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

**EXECUTIVE OFFICE:
MONTHLY CALENDAR OF AIR DISTRICT MEETINGS**

FEBRUARY 2024

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Stationary Source Committee	Wednesday	14	10:00 a.m.	1 st Floor, Yerba Buena Room
Board of Directors Community Equity, Health and Justice Committee - CANCELLED	Wednesday	14	1:00 p.m.	1 st Floor, Yerba Buena Room
Board of Directors Finance and Administration Committee	Wednesday	21	10:00 a.m.	1 st Floor Board Room
Board of Directors Policy, Grants and Technology Committee	Wednesday	21	1:00 p.m.	1 st Floor Board Room

MARCH 2024

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Advisory Council	Friday	1	9:30 a.m.	1 st Floor Board Room
Board of Directors Meeting	Wednesday	6	10:00 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee	Wednesday	13	10:00 a.m.	1 st Floor, Yerba Buena Room
Board of Directors Community Equity, Health and Justice Committee	Wednesday	13	1:00 p.m.	1 st Floor, Yerba Buena Room
Board of Directors Finance and Administration Committee	Wednesday	20	10:00 a.m.	1 st Floor Board Room
Board of Directors Policy, Grants and Technology Committee	Wednesday	20	1:00 p.m.	1 st Floor Board Room
Board of Directors Community Advisory Council	Thursday	21	6:00 p.m.	1 st Floor, Yerba Buena Room

JMB 2/8/2024 – 9:02 a.m.

G/Board/Executive Office/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John J. Bauters and Members
of the Stationary Source Committee

From: Philip M. Fine
Executive Officer/APCO

Date: February 14, 2024

Re: Approval of the Draft Minutes of the Stationary Source & Climate Impacts
Committee Meeting of November 11, 2023

RECOMMENDED ACTION

Approve the Draft Minutes of the Stationary Source & Climate Impacts Committee Meeting of
November 11, 2023.

BACKGROUND

None.

DISCUSSION

Attached for your review and approval are the Draft Minutes of the Stationary Source & Climate
Impacts Committee Meeting of November 11, 2023.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Philip M. Fine
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

ATTACHMENTS:

1. Draft Minutes of the Stationary Source & Climate Impacts Committee Meeting of November 11, 2023

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

Stationary Source & Climate Impacts Committee
Wednesday, November 8, 2023

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 and Climate Impacts Committee (Committee) Chairperson, Lynda Hopkins, called the meeting to order at 10:03 a.m.

Roll Call:

Present, In-Person (Bay Area Metro Center, 375 Beale Street, Yerba Buena Room, San Francisco, California, 94105): Committee Chairperson Lynda Hopkins; Board Chairperson John J. Bauters; and Director Tyrone Jue.

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

Present, In-Person Satellite Location (Palo Alto City Hall, 250 Hamilton Ave., 7th Floor, Palo Alto, California, 94301): Director Vicki Veenker.

Present, In-Person Satellite Location (Office of Santa Clara County Supervisor Otto Lee, 70 W Hedding St., East Wing, 10th Floor, San Jose, California, 95110): Director Otto Lee.

Present, In-Person Satellite Location (Office of Alameda County Supervisor David Haubert, 4501 Pleasanton Ave., Pleasanton, California, 94566): Vice Chairperson David Haubert.

Absent: Directors Director Ken Carlson, Noelia Corzo, Myrna Melgar, and Mark Ross.

2. **PLEDGE OF ALLEGIANCE**

CONSENT CALENDAR

3. **APPROVAL OF THE DRAFT MINUTES OF THE STATIONARY SOURCE AND CLIMATE IMPACTS COMMITTEE MEETING OF OCTOBER 11, 2023**

Public Comments

No requests received.

Committee Comments

None.

Committee Action

Director Jue made a motion, seconded by Board Chair Bauters, to **approve** the Draft Minutes of the Stationary Source and Climate Impacts Committee Meeting of October 11, 2023; and the motion **carried** by the following vote of the Committee:

AYES: Bauters, Gioia, Haubert, Hopkins, Jue, Lee, Veenker.
NOES: None.
ABSTAIN: None.
ABSENT: Carlson, Corzo, Melgar, Ross.

INFORMATIONAL ITEM

4. ASSESSMENT AND MITIGATION OF WOODSMOKE IMPACTS

Stephen Reid, Senior Advanced Projects Advisor in the Assessment, Inventory, and Modeling Division, gave the staff presentation *Woodsmoke Impacts: Assessment and Mitigation*, including: outcomes; outline; assessing woodsmoke impacts; background on residential woodsmoke; emissions inventory updates and summary; emission trends; device population and activity trends; residential woodsmoke causes elevated black carbon levels; analysis of Particulate Matter (PM)_{2.5} composition by month; air quality modeling approach; preliminary modeling results; preliminary estimates of impacts; mitigating woodsmoke impacts; Air District sponsored woodsmoke reduction incentive programs; Woodsmoke Reduction Incentive Program; Regulation 6, Rule 3; scoping phase of the rule development process; white paper development; potential policy options to explore; and upcoming work.

Public Comments

Public comments were given by Jan Warren, Interfaith Climate Action Network of Contra Costa County.

Committee Comments

The Committee and staff discussed the rate of participation of past woodsmoke reduction incentive programs offered by the Air District; the desire for additional education on the health impacts of woodsmoke; outreach methods and targeted audiences regarding wood smoke health impacts messaging; the way in which priority communities are identified; the suggestion of incentivizing induction stoves; whether the \$2 million allocated to the Bay Area for the Clean Heating Efficiently with Electric Technology (HEET) program may be stretched to help more households than 270; when the levels of particular sources (ammonium nitrate and sea salt) of PM_{2.5} are highest; whether commercial pizza ovens are considered a significant source of PM_{2.5}; regarding device trends, whether

the Air District can tell whether wood stove and fireplace population decreases are due to people converting to gas-burning appliances, or decommissioning their gas *and* wood burning devices altogether; the request for the percentage of the overall Bay Area households that have wood burning devices; whether the health of those *inside* the home is more impacted by woodsmoke generated from wood-burning devices inside of a home than those *outside* of the home; the type of electric heat pumps that are being incentivized in the 2023-2024 Clean HEET program, and whether duct systems are included in the program; the comparison of preliminary (modeled) mortality and asthma rates (residential woodsmoke vs. space and water heating appliances); the history of California's smoking bans, how they have changed behavior, and whether that is comparable to the banning of residential wood-burning; advantages and disadvantages of regulating wood-burning devices in designated Assembly Bill (AB) 617 and low-income communities; the suggestions of identifying entities with whom the Air District should engage as the white paper (that provides decision-making context about this source type and recommendations on potential policy responses) is being developed; whether the Air District plans to reattempt its previous rulemaking (which was withdrawn) which would require homeowners who wish to sell their home to replace their existing fireplace at point-of-sale in the transaction, or risk the home sale being stopped; vegetation/fuels management practices on private property, and whether burning trees from one's own property to heat the home (as the sole source of heat) can be addressed in the whitepaper; the role that population density plays in the development of woodsmoke regulation policy; the request that Bay Area topography needs to be addressed in the whitepaper; the desire for youth engagement and outreach, regarding this issue; the suggestion that the Air District partners its Spare the Air messaging with Walk and Roll to School, Ruby Bridges Walk to School Day, and Safe Routes to School programs that already encourage non-motor vehicle modes of transportation; the request for data on the ongoing costs (and economic impacts) of heating homes; and the need to consider people who may be disproportionately impacted, economically, by a new woodsmoke regulation.

Committee Action

None; receive and file.

OTHER BUSINESS

5. PUBLIC COMMENT ON NON-AGENDA MATTERS

Public comments were given by Raymond Baltar, Sonoma Ecology Center.

6. COMMITTEE MEMBER COMMENTS

Chair Hopkins announced that Ruby Bridges Walk to School Day is recognized by the State of California on November 14 of each year, commemorating 6-year old Ruby Bridge's activism to end racial segregation in public schools in 1960.

7. TIME AND PLACE OF NEXT MEETING

Wednesday, December 13, 2023, at 10:00 a.m. at 375 Beale Street, San Francisco, CA 94105. The meeting will be in-person for the Stationary Source and Climate Impacts Committee members and members of the public will be able to either join in-person or via webcast.

8. **ADJOURNMENT**

The meeting was adjourned at 11:38 a.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John J. Bauters and Members
of the Stationary Source Committee

From: Philip M. Fine
Executive Officer/APCO

Date: February 14, 2024

Re: Update on Schnitzer Steel Industries, West Oakland, dba Radius Recycling

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Schnitzer Steel Industries, Inc. dba Radius Recycling (Schnitzer) owns and operates a scrap metal recovery and recycling facility located at 1101 Embarcadero West, Oakland, California. It occupies approximately 26.5 acres of land adjacent to the Oakland Inner Harbor waterfront and the Port of Oakland. The facility is located in an overburdened community and designated AB 617 area (West Oakland).

Operations at Schnitzer include but are not limited to shredding of light iron products including automobiles, appliances, and other recyclable light steel materials to recover ferrous and non-ferrous metals for sale.

Through Permits and Regulations, the emissions are controlled by a variety of abatement and control equipment; enclosures, water trucks, sweepers, and water spray equipment.

DISCUSSION

Staff will provide an overview of Schnitzer’s metal recycling operation, the associated air pollutants, and the applicable air regulations with which it must comply. The update will include recent fire history, work with agency partners, Air District enforcement and permitting efforts, and next steps.

In response to the August 2023 fire, CalEPA and USEPA formed the Rapid Response Task Force (RRTF). Its goals are to enhance multi-agency enforcement coordination, improve communication with residents in the impacted area, and to lead to better enforcement outcomes. The Air District participates in the RRTF along with 11 other partnering agencies to address community concerns.

Emissions from the facility, specifically the shredder, have been reduced with the shredder enclosure and installation of two (2) thermal oxidizers. That and other permitting updates will be presented.

Planned next steps will be outlined in conclusion.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Philip M. Fine
Executive Officer/APCO

Prepared by: John Marvin

Reviewed by: Jeff Gove

ATTACHMENTS:

None

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John J. Bauters and Members
of the Stationary Source Committee

From: Philip M. Fine
Executive Officer/APCO

Date: February 14, 2024

Re: Discussion of the Metal Recycling and Shredding Operations White Paper

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

This presentation provides an overview of staff's draft concepts to further mitigate emissions from metal recycling and shredding facilities. In response to Assembly Bill (AB) 617, the Air District is partnering with Bay Area communities most impacted by air pollution to develop Community Emissions Reductions Plans (CERP), which include strategies to reduce harmful air pollution within the community. During the development of West Oakland's CERP, "Owning our Air: The West Oakland Community Action Plan" (WOCAP), community repeatedly expressed concerns about the pollution from the Schnitzer Steel facility, especially pertaining to deposition of light fibrous material (LFM) on both public and private properties around the facility along with frequent fires that emit carbon and odor causing gases. As a result, Strategy #68 of the WOCAP states that the Air District should pursue *"amendments to existing regulations to further reduce emissions from metal recycling and foundry operations, such as changes to: 1) Rule 6-4: Metal Recycling and Shredding Operations, which requires metal recycling and shredding facilities to minimize fugitive PM emissions through the development and implementation of facility Emission Minimization Plans; and 2) Rule 12-13: Foundry and Forging Operations, which requires metal foundries and forges to minimize fugitive emissions of PM and odorous substances through the development and implementation of facility Emission Minimization Plans by 2025."*

The white paper is the first step in assessing potential regulatory amendments to Regulation 6: Particulate Matter, Rule 4: Metal Recycling and Shredding Operations (Rule 6-4) and will discuss the environmental impacts from metal recycling and shredding operations and potential recommendations for reducing those impacts. Note that although Strategy #68 of the WOCAP also highlights foundry and forging operations, a discussion of those operations will occur later and is not within the scope of this discussion.

DISCUSSION

Air District Staff are proposing recommendations to address emissions from metal recycling and shredding operations. Staff developed these recommendations after performing a gaps analysis of existing regulatory measures used to control emissions from metal recycling and shredding operations in other jurisdictions, as well as evaluating opportunities for amending current Air District rules. These recommendations include:

- Propose to amend Rule 6-4 to:
 - Include a minimum set of emissions control measures that apply to all facilities instead of an Emissions Minimization Plan (EMP).
 - Establish stringent De-pollution strategies.
 - Include recordkeeping and reporting requirements for each emission control measure to improve enforceability and transparency.
 - Ensure better stockpile and feedstock management by having them contained in permanent enclosures.
 - Require the facility to perform air monitoring at the fenceline and/or in nearby communities to monitor emissions and characterize fugitive PM and VOC emissions.
- Establish partnerships with agencies that have jurisdiction over metal recycling facilities to jointly enforce regulations and issue violations when they occur.

Air District staff anticipate releasing the White Paper for public comment in the second quarter of 2024.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Philip M. Fine
Executive Officer/APCO

Prepared by: Poornima Dixit
Reviewed by: David Joe / Elizabeth Yura

ATTACHMENTS:

None