



**BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 - 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0440

**AGENDA
Sustainability Committee
Tuesday, June 25, 2024
9:30 a.m.
Boardroom
375 11th Street
Oakland, CA 94607**

***** Please see appendix for public participation instructions*****

Committee Members: Doug A. Linney {Chair}, Andy Katz, and Marguerite Young

ROLL CALL:

PUBLIC COMMENT: The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

DETERMINATION AND DISCUSSION:

1. Annual Integrated Pest Management Program Update (Briggs)

ADJOURNMENT:

Disability Notice

If you require a disability-related modification or accommodation to participate in an EBMUD public meeting please call the Office of the Secretary (510) 287-0404. We will make reasonable arrangements to ensure accessibility. Some special equipment arrangements may require 48 hours advance notice.

Document Availability

Materials related to an item on this agenda that have been submitted to the EBMUD Board of Directors within 72 hours prior to this meeting are available for public inspection in EBMUD's Office of the Secretary at 375 11th Street, Oakland, California, during normal business hours, and can be viewed on our website at www.ebmud.com.



APPENDIX

Sustainability Committee

June 25, 2024 9:30 a.m.

EBMUD public meetings of the Board will be conducted in person and via Zoom. These meetings are recorded, live-streamed, and posted on the District's website.

Online*

<https://ebmud.zoom.us/j/94804788254?pwd=Z2duWU9RZzVqb3RMd1RlNXVISjNsUT09>

Webinar ID: 948 0478 8254

Passcode: 467920

By Phone

Telephone: 1 669 900 6833

Webinar ID: 948 0478 8254

Passcode: 467920

International numbers available: <https://ebmud.zoom.us/u/kb5JZuQJvV>

*To familiarize yourself with Zoom, please visit <https://support.zoom.us/hc/en-us/articles/201362193-Joining-a-Meeting>

Providing public comment - *The EBMUD Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.*

- Each speaker is allotted 3 minutes to speak; the Board President has the discretion to amend this time based on the number of speakers
- The Secretary will track time and inform each speaker when the allotted time has concluded
- Comments on **non-agenda items** will be heard at the beginning of the meeting
- Comments on **agenda items** will be heard when the item is up for consideration
- The Secretary will call each speaker in the order received

In person

- Fill out and submit a blue speaker card which is available in the meeting room

Via Zoom

- Use the raise hand feature in Zoom to indicate you wish to make a public comment
<https://support.zoom.us/hc/en-us/articles/205566129-Raising-your-hand-in-a-webinar>
 - If you participate by phone, press *9 to raise your hand
- When prompted by the Secretary, please state your name, affiliation if applicable, and topic

Submitting written comments or materials

- Email written comments or other materials for the Board of Directors to SecOffice@ebmud.com
- Please indicate the meeting date and agenda item number or non-agenda item in the subject of the email. Contact information is optional.
- **Please email by 4 p.m. the day prior to the scheduled regular meeting;** written comments and other materials submitted to the Board of Directors will be filed in the record.
-


To view the livestream of meetings of the Board, please visit:


<https://www.ebmud.com/about-us/board-directors/board-meetings/>

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: June 20, 2024

MEMO TO: Board of Directors

THROUGH: Clifford C. Chan, General Manager 

FROM: David A. Briggs, Director of Operations and Maintenance 

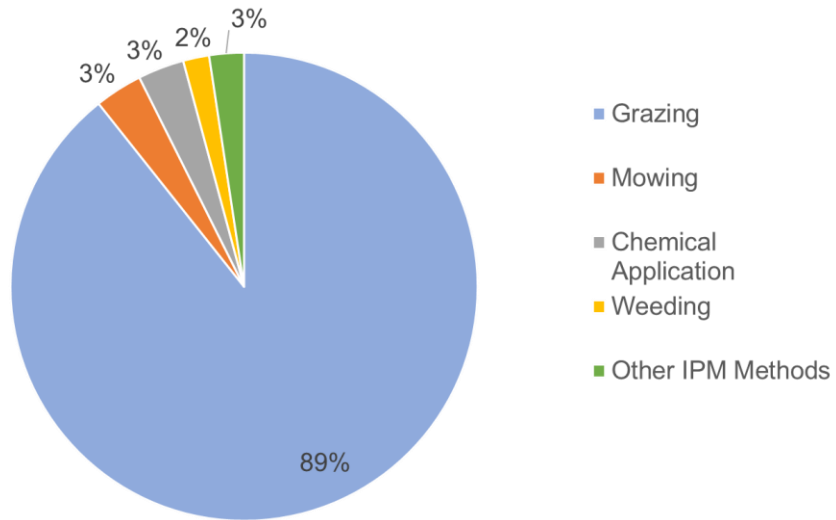
SUBJECT: Annual Integrated Pest Management Program Update

SUMMARY

The District established an Integrated Pest Management (IPM) Program in the mid-1990s to guide pest management practices at its many facilities and open spaces. A key accomplishment for calendar year 2023 was the completion of an alternative pesticide pilot to evaluate the feasibility to eliminate the use of glyphosate at publicly accessible District properties in residential neighborhoods. Remaining locations with glyphosate use will be examined for potential reduction in the upcoming calendar year. This item will be presented at the June 25, 2024 Sustainability Committee meeting.

DISCUSSION

The District's IPM Program (<https://www.ebmud.com/about-us/sustainability>) addresses a broad range of pest control issues on watershed lands, reservoir dam and dikes, along pipeline and aqueduct rights-of-ways, and at operating and administrative facilities. IPM is a comprehensive pest management process to determine appropriate control methods based on the pest and site-specific conditions. The goal of the IPM Program is to consider non-pesticide control methods before use of pesticide controls to minimize impacts on human health and the environment. As shown below, the majority of District acreage does not receive pesticide application.



Last year, staff conducted a pilot study to evaluate alternative products to glyphosate when chemical methods are determined to be necessary. The effectiveness of Ranger Pro (glyphosate based) was compared with that of three alternative non-glyphosate products: Cheetah Pro (glufosinate), Imox (imazamox), and Supress EC (capric and caprylic acids). Mechanical control (weed cutting) was also tested as an experimental control. The three alternative products were recommended by a licensed Pest Control Advisor (PCA) who considered the target vegetation, topography, and site constraints.

Demonstration sites were established near the Briones Disinfection Facility and the Chabot Center. These sites have large landscaped areas with controlled access. Staff found that multiple applications of the non-glyphosate products were needed at these sites to achieve the same level of control as one application of Ranger Pro. These results have allowed the District to use alternative chemicals at the publicly accessible portions of 60 properties in or near residential neighborhoods (mostly pump stations and reservoirs) with negligible cost impacts.

Management of the District's nearly 90 miles of pipeline right-of-way (ROW) requires the largest use of pesticides, including glyphosate (approximately 60 percent of glyphosate usage is on the ROW). Although mowing and mechanical methods are the dominant control method, thousands of fence posts, gates, and other difficult to access areas generally require controlled use of pesticides to efficiently manage. The District is actively piloting non-glyphosate and non-chemical methods for the ROW and will evaluate the cost implications.

Pesticide Use and Inventory

In 2023, the District used approximately 1,353 pounds (based on active ingredients) of pesticide product the bulk of which (approximately 1,175 pounds) was glyphosate-based. Glyphosate use has decreased in the last seven years. The specific breakdown of pesticide products used in 2023 and their total amounts is shown in the attachment.

Annual Integrated Pest Management Program Update
Sustainability Committee
June 20, 2024
Page 3

NEXT STEPS

Staff will continue to pilot alternatives on right-of-way properties and in the watershed during summer 2024. Staff will also complete the cost analysis to move away from glyphosate and will present the results to the Sustainability Committee in October 2024.

CCC:DAB:sd

Attachment: 2023 Pesticide Use Totals

I:\SEC\2024 Board Related Items\Committees 2024\062524 Sustainability Ctte\OMD – Annual Integrated Pest Management Program Update.docx

This page is intentionally left blank.