



EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: April 22, 2021

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 across its many facilities and open spaces. Each year an update is provided to the Board to share highlights from the prior year including program enhancements, statistics, public feedback, and notable achievements. This item will be presented at the April 27, 2021 Sustainability/Energy Committee meeting.

DISCUSSION

The District's IPM Program addresses a broad range of pest control issues on watershed lands, along pipeline and aqueduct rights-of-ways, and at operating and administrative facilities. IPM is a comprehensive pest management process to determine the appropriate control methods based on the pest and site-specific conditions. The IPM Program manages pests with a goal to minimize the impact to human health, the environment, and non-target organisms by requiring a variety of non-pesticide control methods be considered before the use of pesticide controls.

In 2017, Blankinship and Associates (Blankinship) performed a third-party review of the District's IPM Program. Several recommendations were made to enhance the IPM Program and significant progress has been made in implementing the recommendations. Recommendations included improved and expanded training for staff; development of a consistent records management system; greater communication internally and externally about the IPM Program; and establishing clear and consistent process procedures.

With the recommendations implemented, the IPM Program Guidelines, which was last revised in 2010, was updated in 2020 after a public comment period. Based on comments received, significant detail was added to clarify the decision-making process for the use of chemicals to ensure use is minimized and only used as a last resort. The guidelines include a list of pesticides in active use by the District and are available on the District's website.

Each year, staff presents the general IPM Program methods used to the Sustainability/Energy Committee for consideration. In 2020, the Committee asked staff to specify pesticides used in the

prior reporting year. Going forward, this information will be provided during annual updates and will be made available on the District’s website. In 2020, approximately 433 gallons of pesticides were used by staff and District-hired contractors. Of this amount, 400 gallons were used by staff. Of the 433 gallons used, approximately 352 gallons were glyphosate-based products. There was a small increase in overall use from 2019 (415 gallons) to 2020 (433 gallons) which is attributed to more complete and accurate data tracking of contractor pesticide use in the field. Contractor pesticide use was not previously recorded by the District. The complete breakdown of products used in 2020 includes:

PRODUCT	Quantity (gallons)
ADVION ANT GEL	0.02
CLIPPER SC	0.09
CONTRAC ALL-WEATHER BLOX	0.31
DIMENSION 2EW	5.13
ESPLANADE 200 SC	8.12
GALLERY SC	0.75
GARLON 3A	0.23
GARLON 4	4.47
LANDMARK XP	0.13
MAXFORCE FLEET	0.02
MILESTONE SPEC.	16.34
MILESTONE VM	10.12
OPTIMATE CS	0.0001
PENDULUM AC	0.32
RANGER PRO	86.98
RODEO	234.7
RONSTAR FLO	26.61
ROUND UP PRO MAX	29.57
ROUNDUP PRO	0.09
SURFLAN AS	3.41
SUSPEND POLYZONE	2.19
SUSPEND SC	0.0002
TALSTAR	0.16
TELAR XP	1.44
TENGARD SFR	0.01
TERAD 3 BLOX	0.27
TRANSLINE	1.58
WISDOM TC	0.09

NEXT STEPS

The District will continue to improve its IPM activities and perform the following tasks in 2021:

- Post the updated IPM Program Guidelines on the District's website including the pesticide products that can be used as part of the IPM Program
- Post annual pesticide use summary on the District's website
- Develop maps showing active IPM methods for each District parcel
- Contract IPM support services including independent Pest Control Advisor consultations and reviews
- Complete annual training for staff
- Review and test new IPM tools, methods, and products as needed
- Analyze data and evaluate IPM Program efficacy and update documents as needed

CCC:DAB:sd