



## Integrated Vector Management in Placer County:

### Using New Tools to Tackle Mosquitoes in the Foothills

*The Placer Mosquito and Vector Control District is an independent, non-enterprise, special district governed by California Mosquito and Vector Control Law. The District uses an Integrated Vector Management (IVM) approach to control vector populations. IVM is a decision support system for the selection and use of vector management strategies separately or in combination, and coordinated into an overall management approach. Decisions are based on an assessment of the risk to public health posed by vectors and vector-borne disease. Surveillance is an essential component of an Integrated Vector Management Program, and a considerable amount of effort is devoted to conducting mosquito surveillance. Integrated vector management also takes into account the interest of and impacts on society and the environment.*

#### AGENDA

**November 2, 11: 45 a.m.\* 1001 I Street in Sacramento \* Sierra Hearing Room**

- 11:45 a.m. Registration, Sign-In
- 12 p.m. Welcome and Introduction: Teresa Marks, Chief Deputy Director - Department of Pesticide Regulation
- 12:05 p.m. Integrated Vector Management Defined: Joel Buettner, General Manager - Placer Mosquito and Vector Control District
- 12:15 p.m. Methods of Mosquito Control, Public Outreach and Prevention
- 12:25 p.m. Pesticide use: Surveillance, Public Health Risk of Mosquitoes, Action Thresholds

## DPR Brown Bag Lunch Series\* CalEPA Sierra Hearing Room (with webcast)

12:35 p.m. Pesticide use: Selecting Larvacides and Adulticides, Trends in Organic Pesticides

12:45 p.m. Pesticide resistance

12:50 p.m. Questions

**1 p.m. Adjourn**

**C.E. CREDITS ARE AVAILABLE (IN-PERSON ATTENDEES ONLY) \* View "live" webcast at <https://video.calepa.ca.gov/>**

**\*\* Webcast will begin at 12:00 p.m.**

### Speakers

**Teresa Marks** was appointed as Chief Deputy Director, Department of Pesticide Regulation (DPR) by Governor Edmund G. Brown Jr. in June 2016. Marks served as principal advisor to the administrator for unconventional oil and gas at the U.S. Environmental Protection Agency from 2015 to 2016 and director at the Arkansas Department of Environmental Quality from 2007 to 2014. Marks held several positions in the Arkansas Attorney General's Office from 1995 to 2007, including deputy attorney general in the Public Protection Department, senior assistant attorney general and assistant attorney general. She was supervising attorney at the University of Arkansas at Little Rock School of Law's Legal Clinic from 1990 to 1995 and an associate at Steven Napper Ltd from 1988 to 1990. She and served as a deputy prosecuting attorney in the Office of the Pulaski County, Arkansas Prosecuting Attorney from 1984 to 1988 and was a teacher for the Tuckerman, Arkansas School District from 1980 to 1981. Marks earned a Juris Doctor degree from the University of Arkansas at Little Rock School of Law.

**Joel Buettner** has been the General Manager of the Placer Mosquito and Vector Control District since 2009. Joel holds a Bachelor's of Science degree in Ecology from the University of Washington and a Master's of Science Degree in Integrated Pest Management from the University of California Davis. Prior to entering the vector control field, Joel worked for 15 years in the non-profit and experiential education fields working for organizations such as the YMCA, the Wilderness Medicine Institute, National Outdoor Leadership School, and the Cache Creek Conservancy.

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