

**STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

STAFF REPORT FOR REGULAR MEETING OF June 22-23, 2023

Prepared on May 25, 2023

ITEM NUMBER: 7

SUBJECT: California Department Pesticide Regulation (DPR) Update

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ACTION: Information/Discussion

SUMMARY

Staff from the Department of Pesticide Regulation (DPR) will provide updates on the Sustainable Pest Management (SPM) initiative, the DPR water quality monitoring programs, the evaluation of pesticide use data to prioritize monitoring efforts, and how those efforts inform pesticide registration and review. The following summarizes the three presentations.

Nan Singhasemanon is DPR's Assistant Director over the Pesticide Program Division's Environmental Monitoring and Worker Health and Safety branches. Nan will provide an overview of the [SPM initiative](#).¹ The SPM initiative is a coordinated multi-stakeholder effort led by CalEPA, California Department of Food and Agriculture (CDFA), and DPR to transition California to a holistic, systemwide approach to safer, more sustainable pest management to protect the health of California's communities and environment, while supporting agriculture, food systems and community well-being. The SPM initiative is being built on the foundation of a roadmap of recommendations and goals developed by a collaborative work group of critical stakeholder groups and experts with an interest in SPM. Nan Singhasemanon can be reached by email at Nan.Singhasemanon@cdpr.ca.gov.

¹ SMP initiative website: https://www.cdpr.ca.gov/docs/sustainable_pest_management_roadmap/

Joy Dias is the Environmental Program Manager of DPR's [Groundwater Protection Program](#).² Her team implements, in part, the Pesticide Contamination Prevention Act³ by monitoring, documenting, and reviewing the use of pesticides to determine risk of contributing to groundwater contamination. DPR may require additional mitigation measures before allowing continued use of a pesticide or registering a new pesticide that is a groundwater contamination concern. Joy Dias will provide a broad overview of groundwater pesticide monitoring conducted in the Central Coast Region since 2017, specific pesticides found in Central Coast aquifers, and the formal review process. Joy Dias can be reached by email at Joy.Dias@cdpr.ca.gov.

Anson Main is the Environmental Program Manager of DPR's [Surface Water Protection Program](#).⁴ He will discuss how the Program reviews pesticide products for registration and then implements monitoring as part of the continuous evaluation process. This includes how the Surface Water Protection Program prioritizes pesticides for monitoring in the Central Coast Region (i.e., timing of monitoring and evaluation of spatial and temporal trends). The presentation will also highlight ongoing collaboration with UC Davis researchers and the Water Board's Central Coast Ambient Monitoring Program (CCAMP). Anson Main can be reached by email at Anson.Main@cdpr.ca.gov.

² DPR Groundwater Protection Program webpage:

<https://www.cdpr.ca.gov/docs/emon/grndwtr/index.htm#:~:text=DPR%27s%20Groundwater%20Protection%20Program%20evaluates,carry%20out%20those%20mitigation%20measures>

³ Food and Agricultural Code, sections 13141-13152:

https://leginfo.legislature.ca.gov/faces/codes_displayText.xhtml?lawCode=FAC&division=7.&title=&part=&chapter=2.&article=15

⁴ DPR Surface Water Protection Program webpage:

<https://www.cdpr.ca.gov/docs/emon/surfwtr/index.htm>