



Central Valley Regional Water Quality Control Board

20 September 2024

Morgan Campbell
Westside Water Quality Coalition
5555 California Ave, Suite 209
Bakersfield, CA 93309

APPROVAL OF THE WESTSIDE WATER QUALITY COALITION PESTICIDE MONITORING PROPOSAL FOR THE 2025 WATER YEAR

Thank you for submitting the Westside Water Quality Coalition's 2025 Water Year Pesticide Monitoring Proposal (Proposal), dated 2 August 2024. The proposed pesticides and schedules for surface water monitoring were identified based on guidance provided in the Pesticide Evaluation Protocol, as required by the Monitoring and Reporting Program (MRP) for Waste Discharge Requirements General Order R5-2013-0120-09.

The Proposal satisfies the applicable MRP requirements and is approved.

The enclosed memorandum provides additional details regarding staff's review of the Proposal. If you have any questions regarding this letter, please contact Christine Johnson at (559)-445-6051, or by email at Christine.Johnson@Waterboards.ca.gov.



For Patrick Pulupa
Executive Officer

Enclosure: Staff Review of Westside Water Quality Coalition's Pesticide Evaluation Protocol Proposal for the 2025 Water Year

Central Valley Regional Water Quality Control Board

TO: Eric Warren, PE
Senior Water Resource Control Engineer
IRRIGATED LANDS REGULATORY PROGRAM

FROM: Christine Johnson
Environmental Scientist
IRRIGATED LANDS REGULATORY PROGRAM

DATE: 20 September 2024

SUBJECT: REVIEW OF THE WESTSIDE WATER QUALITY COALITION SURFACE WATER PESTICIDE EVALUATION PROTOCOL PROPOSAL – 2025 WATER YEAR UPDATE

On 2 August 2024, the Westside Water Quality Coalition (Coalition) submitted a Pesticide Evaluation Protocol Proposal (Proposal) to the Central Valley Water Board. Monitoring Proposals are submitted annually in accordance with the Monitoring and Reporting Program (MRP) for Waste Discharge Requirements General Order R5-2013-0120-09. The Proposal identifies the constituents and schedule for pesticide monitoring in surface waters from 1 October 2024 through 30 September 2025.

Staff reviewed the Proposal to determine compliance with requirements of the MRP. A summary of the main elements of the monitoring proposal is provided below, followed by staff comments and recommendations.

2025 MONITORING PLAN UPDATE SUMMARY

Monitoring Sites, Parameters, and Schedule

Pesticide monitoring is scheduled at Avenal Creek and Bitterwater Creek for the 2025 water year. The constituents selected for monitoring were determined using three years of Pesticide Use Report data (2019-2021), as required by the Pesticide Evaluation Protocol (PEP). Pesticide application records for the watersheds were filtered to only chemicals included in the Executive Officer List of Pesticides for Consideration (Attachment A, PEP). Application records for Avenal Creek and Bitterwater Creek watersheds were organized according to the pesticide groups provided in the PEP and assessed relative to aquatic life and human health reference values.

Pesticides applied within the watershed areas were excluded from monitoring based on factors including environmental fate and transport properties (e.g., high volatility),

calculation of an aquatic life risk ratio of less than 50 or human health risk ratio of less than 10, or the absence of commercially available analytical methods.

STAFF COMMENTS AND RECOMMENDATIONS

The Proposal successfully executed the steps outlined in the Pesticide Evaluation Protocol and complies with the requirements of the MRP. Staff recommend approval of **the Coalition's 2025 Water Year Pesticide Monitoring Proposal.**