

## SVWQC EXCEEDANCE REPORT

**Final**

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DATE: July 14, 2026  
TO: Olivia Mathews, Central Valley Regional Water Quality Control Board  
CC: Petra Lee, Central Valley Regional Water Quality Control Board  
  
FROM: Sacramento Valley Water Quality Coalition  
SUBJECT: Water Quality Exceedances  
SVWQC EVENT NUMBER: 239  
EVENT DATES: May 25 & 27, 2026  
EVENT TYPE: Irrigation season

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### SUMMARY OF EXCEEDANCES

The Sacramento Valley Water Quality Coalition (Coalition) conducted sampling on May 25 & 27, 2026 as required by the Irrigated Lands Waste Discharge Requirements (WDR) and the Coalition's Monitoring and Reporting Program (MRP).

The observed exceedances of the ILRP Trigger Limits and planned follow-up actions are summarized in **Table 1**.

### FOLLOW-UP ACTIONS

In response to the observed exceedances of the ILRP Trigger Limits, the following actions were taken or planned:

Information regarding these exceedances will be provided to local growers in the affected subwatershed through local outreach efforts.

For exceedances being addressed by an approved Management Plan, follow-up actions will be performed as established in those plans.

Relevant site observations will be evaluated for possible causes of any observed exceedances of DO or pH water quality objectives.

For exceedances of toxic pollutants and for toxicity exceedances where organism survival or algae growth show a significant percent effect under the Test of Significant Toxicity (TST) method as compared to the control, contemporaneous chemical concentrations will be reviewed to determine the potential to contribute to the observed toxicity (as indicated in **Table 1**).

For toxicity and pesticide exceedances, pesticide applications preceding the sample dates will be investigated in the contributing drainage indicated in **Table 1** with the assistance of the local Agriculture Commissioners.

Toxicity Identification Evaluation (TIE) procedures are required to be initiated for Coalition samples with  $\geq 50\%$  reductions in Ceriodaphnia or Pimephales survival or Selenastrum growth compared to control. TIEs are initiated on the first possible day following observance of  $\geq 50\%$  mortality.

Definitive serial dilution tests are required for samples with 100% reductions in Ceriodaphnia or Pimephales survival compared to control. Tests are initiated on the first possible day following observance of 100% mortality.

Discussion of additional relevant follow-up actions will be initiated with the representatives of the affected subwatershed as outlined in the Coalition's communication strategy document.

The results of follow-up actions in response to these exceedances will be documented in the Coalition's Annual Report (May 2027).

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TABLE 1: SUMMARY OF EXCEEDANCES

|                     |                                                     |         |                                         |           |             |                        |                       |         |                             | Follow-up Evaluations                 |                               |                                   |                              |                          |                               |                             |                                                           |
|---------------------|-----------------------------------------------------|---------|-----------------------------------------|-----------|-------------|------------------------|-----------------------|---------|-----------------------------|---------------------------------------|-------------------------------|-----------------------------------|------------------------------|--------------------------|-------------------------------|-----------------------------|-----------------------------------------------------------|
| Exceedance Category | Sub-watershed                                       | Site ID | Site                                    | Replicate | Sample Date | Analyte                | Units                 | Result  | Trigger Limits <sup>1</sup> | Existing or Triggered Management Plan | New Management Plan Triggered | Evaluate Relevant Site Conditions | Follow-up Chemistry Analysis | Review Chemistry Results | Review Pesticide Applications | Compare to Toxicity Results | Toxicity Identification Evaluation and/or Serial Dilution |
| Field Measures      | Solano                                              | UCBRD   | Ulati Creek at Brown Road               | 1         | 5/27/2026   | Conductivity           | µS/cm                 | 1014    | 700                         | X                                     | -                             | X                                 | -                            | -                        | -                             | -                           | -                                                         |
| Field Measures      | Solano                                              | UCBRD   | Ulati Creek at Brown Road               | 1         | 5/27/2026   | Discharge <sup>2</sup> | CFS                   | 32.89   | NA                          | -                                     | -                             | -                                 | -                            | -                        | -                             | -                           | -                                                         |
| Field Measures      | Napa                                                | PCULB   | Pope Creek upstream from Lake Berryessa | 1         | 5/27/2026   | pH                     | -log[H <sup>+</sup> ] | 8.54    | 8.5                         | X                                     | -                             | X                                 | -                            | -                        | -                             | -                           | -                                                         |
| Field Measures      | Napa                                                | PCULB   | Pope Creek upstream from Lake Berryessa | 1         | 5/27/2026   | Discharge <sup>2</sup> | CFS                   | 15.00   | NA                          | -                                     | -                             | -                                 | -                            | -                        | -                             | -                           | -                                                         |
| Chemical Results    | ButteYubaSutter                                     | LSNKR   | Lower Snake R. at Nuestro Rd            | 1         | 5/26/2026   | Pyrethroid Pesticides  | CGUchronic, CGUacute  | 5, 2    | 1                           | X                                     | -                             | -                                 | -                            | -                        | X                             | X                           | -                                                         |
| Chemical Results    | Solano                                              | UCBRD   | Ulati Creek at Brown Road               | 1         | 5/27/2026   | E. Coli                | MPN/100mL             | >2419.6 | 320                         | X                                     | -                             | -                                 | -                            | -                        | -                             | -                           | -                                                         |
| Chemical Results    | ButteYubaSutter                                     | LHNCT   | Lower Honcut Creek at Hwy 70            | 1         | 5/26/2026   | E. Coli                | MPN/100mL             | 365.4   | 320                         | X                                     | -                             | -                                 | -                            | -                        | -                             | -                           | -                                                         |
| Toxicity (Water)    | EIDorado                                            | NRTC    | North Canyon Creek                      | 1         | 5/26/2026   | Ceriodaphnia survival  | % of control          | 52.6    | Significant toxicity        | -                                     | -                             | -                                 | -                            | X                        | X                             | -                           | -                                                         |
| Toxicity (Sediment) | No toxicity in the sediment was observed this event |         |                                         |           |             |                        |                       |         |                             |                                       |                               |                                   |                              |                          |                               |                             |                                                           |

## Table Notes:

1 Water Quality Objective or Narrative Interpretation Limits for ILRP.

2 Discharge and/or velocity measurements are provided as relevant site conditions when field measurements exceed water quality objectives. Discharge and velocity measurements do not constitute exceedances themselves, because they are not associated with flow objectives.