

Central Valley Regional Water Quality Control Board

22 March 2019

Mr. Parry Klassen
Executive Director
East San Joaquin Water Quality Coalition
1201 L Street
Modesto, CA 95354

APPROVAL OF THE 2019 WATER YEAR MONITORING PLAN UPDATE ADDENDUM – EAST SAN JOAQUIN WATER QUALITY COALITION

Thank you for the timely submittal of an addendum to the 2019 Water Year Monitoring Plan Update (MPU). The addendum is in response to the Coalition's evaluation of the potential for risks or threats to water quality that are associated with exceedances that occurred during the June through September 2018 monitoring period. Staff reviewed the addendum for compliance with the Monitoring and Reporting Program Order R5-2012-0116-R4.

The Coalition evaluated exceedances at the Core sites, previous monitoring results and pesticide use information to identify similar risks to water quality at Represented sites. As a result, the Coalition proposes chlorpyrifos and malathion monitoring at Ash Slough @ Ave 21 and sediment toxicity monitoring at eight Represented sites. The Coalition also proposes to revert the Deadman Creek @ Hwy 59 copper management plan to normal monitoring and rescind pyrethroid monitoring from Zone 2 Represented sites that were scheduled based on incorrectly reported exceedances.

Based on the staff evaluation of the MPU Addendum, I approve the proposed changes to the 2019 WY monitoring schedule. If you have any questions or comments regarding this approval letter, please contact Yared Kebede by phone at (916) 464-4828 or by email at yared.kebede@waterboards.ca.gov.

Sincerely,

Original signed by

Patrick Pulupa
Executive Officer

Enclosure: Staff Review of the 2019 WY Monitoring Plan Update Addendum

Central Valley Regional Water Quality Control Board

TO: Susan Fregien
Senior Environmental Scientist
Monitoring and Implementation Unit
Irrigated Lands Regulatory Program

FROM: Yared Kebede
Environmental Scientist
monitoring and Implementation Unit
Irrigated Lands Regulatory Program

DATE: 14 March 2019

SUBJECT: 2019 WATER YEAR MONITORING PLAN UPDATE ADDENDUM – EAST SAN JOAQUIN WATER QUALITY COALITION

On 31 January 2019, the East San Joaquin Water Quality Coalition (Coalition) submitted a Monitoring Plan Update (MPU) addendum with justification for revisions to the 2019 Water Year monitoring schedule. This was in response to the Coalition’s evaluation of the potential for risks or threats to water quality that are associated with exceedances that occurred at Core sites during the June through September 2018 monitoring period (Table 1). The June through September monitoring data was not available when the Coalition prepared its original MPU (submitted on 1 August 2018).

As per the requirements of the Order, the Coalition proposes to add the following constituents to the monitoring schedule at the Represented sites based on exceedances at the Core sites (Table 1).

Table 1. 2019 Water Year Monitoring Schedule Additions.

Zone	Site Name	Month	Chlorpyrifos	Malathion	<i>Hyalella azteca</i>
2	Lateral 2 ½ near Keyes Rd	September			R
2	Prairie Flower Drain @ Crows Landing Rd	September			R
4	Bear Creek @ Kibby Rd	September			R
4	Black Rascal Creek @ Yosemite Rd	September			R
4	Howard Lateral @ Hwy 140	September			R
4	Livingston Drain @ Robin Ave	September			R
4	McCoy Lateral @ Hwy 140	September			R
4	Unnamed Drain @ Hwy 140	September			R
6	Ash Slough @ Ave 21	Storm*	R	R	

R – Represented site monitoring

* Storm monitoring would occur by 31 March 2019.

Staff evaluated the proposed changes to the monitoring schedule and concurs with the changes. Additional updates proposed for the monitoring schedule are summarized below.

Copper

The Coalition proposes to update the Deadman Creek @ Hwy 59 monitoring schedule and change the copper management plan (triggered due to a rounding error) to normal monitoring, i.e., the exceedance was removed because the hardness-based water quality trigger limit did not exceed the analyte concentration. Staff concurs with the Coalition's rationale to revert the copper management plan monitoring to normal monitoring.

Pyrethroids

Pyrethroids monitoring for Zone 2 sites were scheduled in the August 2018 MPU based on an incorrectly reported exceedance of the acute pyrethroid toxicity trigger from Prairie Flower Drain @ Crows Landing Rd in May 2018 samples. The Coalition utilized the correct trigger limit, corrected the rounding to one significant figure, and removed an incorrectly reported exceedance. Therefore, the Coalition proposes to rescind pyrethroids from Zone 2 Represented sites monitoring schedule, although the Coalition proposes to continue pyrethroid monitoring at Prairie Flower Drain. Staff concurs with the Coalition's rationale to rescind pyrethroid monitoring at Zone 2 Represented sites.