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Central Valley Regional Water Quality Control Board

26 February 2016

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APPROVAL TO ALLOW THE SACRAMENTO VALLEY WATER QUALITY COALITION TO REDUCE WATER QUALITY MONITORING AND PARTICIPATE IN THE DELTA REGIONAL MONITORING PROGRAM

Thank you for submitting your 21 September 2015 letter to the Central Valley Regional Water Quality Control Board (Central Valley Water Board) proposing reductions to current water quality monitoring requirements in order to participate in the Delta Regional Monitoring Program (Delta RMP) as allowed by Order No. R5-2014-0030-R1 for growers within the Sacramento River watershed.

I approve the water quality monitoring reductions according to Table 1 (attached) and further described in the attached staff memo. Other monitoring requirements in the Monitoring and Reporting Program (MRP) of the Waste Discharge Requirements (WDRs) remain unchanged.

It is estimated that an annual contribution of $35,000 during non-assessment years and $54,000 during assessment years to the Delta RMP is reasonably equivalent to the costs the Coalition would have incurred absent the proposed monitoring reductions. These annual contributions are the minimum contributions to the Delta RMP in exchange for the reduced individual monitoring. While this letter approves reductions in water quality monitoring for participation in the Delta RMP, the Delta RMP Steering Committee ultimately will determine a process for defining adequate participation in the Delta RMP.

The reduced monitoring may begin in April 2016 on the condition that the Coalition provides the 2016 non-assessment year $35,000 contribution to the Delta RMP by **30 April 2016**.

The Coalition shall continue to adequately participate in the Delta RMP to maintain the reduced monitoring as described in Table 1 and the staff memo. If adequate participation is not maintained, the Central Valley Water Board will require that the Coalition reinstate the monitoring required by the current Monitoring Plan Update and Order R5-2014-0030-R1.

Reduction in Total Maximum Daily Load (TMDL) Compliance Monitoring

Monitoring requirements for the Sacramento-San Joaquin Delta chlorpyrifos and diazinon TMDL at Ulatis Creek will be met with Delta RMP data. The Coalition will acquire and submit the monitoring data from the Delta RMP for 2016-2019 to meet the monitoring and reporting requirements of the Order and the Water Quality Control Plan for the Sacramento and San

Joaquin River Basins (Basin Plan). The Sacramento Valley Water Quality Coalition may submit a report on TMDL compliance three months after the Delta RMP releases the TMDL data.

If you have any questions about the Delta RMP or this approval, please contact Selina Cole at (916) 464-4683 or selina.cole@waterboards.ca.gov. If you have questions about ILRP monitoring requirements, please contact Susan Fregien at (916) 464-4813 or susan.fregien@waterboards.ca.gov.

Pamela C. Creedon
Executive Officer

Attachments: Table 1. Approved Monitoring Reductions for Participation in the Delta RMP
Staff Memo

cc: Electronic copy only-
RMP Steering Committee (w/o Attachments)
Bruce Houdesheldt, SVWQC

Table 1. Approved Monitoring Reductions for Participation in the Delta RMP

MONITORING LOCATIONS	CURRENT SPECIAL PROJECT MONITORING PLAN (Events/Year)	APPROVED MONITORING REDUCTIONS (Events/Year) FOR ALL YEARS	APPROVED REDUCED MONITORING PLAN (Events/Year) FOR ALL YEARS
Tule Canal at I-80	**Metals** (4) Boron **Field Parameters**[3](4)	**Suspend all monitoring**	**No monitoring required**
Coon Creek at Striplin Road	**Pesticides** (4) chlorpyrifos/diazinon TMDL events/yr. **Other constituents**[4]	**Non-Assessment Years: Suspend all chlorpyrifos/diazinon TMDLmonitoring** **Assessment Years: Pesticides** (1) chlorpyrifos/diazinon TMDL events/yr.	**Non-Assessment Years: No chlorpyrifos/diazinon TMDL monitoring required** **Assessment Years: Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr. **Other constituents**[4]
Rough and Ready Pumping Plant	**Pesticides** (5) chlorpyrifos/diazinon TMDL events/yr., (2) legacy Organochlorine TMDL events in assessment year 1	**Non-Assessment Years: Suspend all monitoring** **Assessment Years: Pesticides** (2) chlorpyrifos/diazinon TMDL events/yr.	**Non-Assessment Years:** No monitoring required **Assessment Years: Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr. (2) Organochlorine TMDL events in assessment year 1
MONITORING LOCATIONS	**CURRENT NON-ASSESSMENT MONITORING PLAN (Events/Year)**[1]	**APPROVED MONITORING REDUCTIONS (Events/Year) FOR NON-ASSESSMENT YEARS**[1]	**APPROVED REDUCED MONITORING PLAN (Events/Year) FOR NON-ASSESSMENT YEARS**[1]
Shag Slough at Liberty Island Bridge	**Water Toxicity** (4), **Sediment Toxicity** (2) **Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr. **Metals** (1) Boron, Copper, Selenium ***E. coli*, Field Parameters**[3]**, TOC, TSS, Turbidity, Nutrients** (4)	**Suspend all monitoring**	**No monitoring required**
Grand Island Drain near Leary Road	**Sediment Toxicity** (2) **Pesticides** (3) chlorpyrifos-only events/yr. (3) chlorpyrifos/diazinon TMDL events/yr. **Arsenic** (6) ***E. coli*** (3)**, Field Parameters**[3] (6) **Nutrients** (5)	**Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr. **Arsenic** (3) ***E. coli*** (3)**, Field Parameters** (3) **Nutrients** (2)	**Sediment Toxicity** (2) **Pesticides** (3) chlorpyrifos-only events/yr **Arsenic** (3) ***E. coli*** (3)**, Field Parameters**[3](3) **Nutrients** (3)
Ulatis Creek at Brown Road	**Water Toxicity** (2) Selenastrum **Pesticides** (4) chlorpyrifos/diazinon TMDL events/yr. (2) diuron ***E. coli*** (3)**, Field Parameters**[3] (6)	**Suspend all monitoring**	**No monitoring required**
Cosumnes River at Twin Cities Road	**Pesticides** (4) chlorpyrifos/diazinon TMDL events/yr. ***E. coli*** (3)**, Field Parameters**[3] (3)	**Suspend all monitoring**	**No monitoring required**
Colusa Basin Drain above Knights Landing	**Pesticides** (7) chlorpyrifos/diazinon TMDL events/yr. **Other constituents**[4]	**Suspend all chlorpyrifos/diazinon TMDLmonitoring**	**No chlorpyrifos/diazinon TMDL monitoring required** **Other constituents**[4]
Sacramento Slough Bridge near Karnak	**Pesticides** (6) chlorpyrifos/diazinon TMDL events/yr. **Other constituents**[4]	**Suspend all chlorpyrifos/diazinon TMDLmonitoring**	**No chlorpyrifos/diazinon TMDL monitoring required** **Other constituents**[4]
Lower Honcut Creek	**Pesticides** (4) chlorpyrifos/diazinon TMDL events/yr. **Other constituents**[4]	**Suspend all chlorpyrifos/diazinon TMDLmonitoring**	**No chlorpyrifos/diazinon TMDL monitoring required** **Other constituents**[4]
Lower Snake River at Nuestro Road	**Pesticides** (6) chlorpyrifos/diazinon TMDL events/yr. **Other constituents**[4]	**Suspend all chlorpyrifos/diazinon TMDLmonitoring**	**No chlorpyrifos/diazinon TMDL monitoring required** **Other constituents**[4]
Walker Creek near 99W and CR33	**Pesticides** (4) chlorpyrifos/diazinon TMDL events/yr. **Other constituents**[4]	**Suspend all chlorpyrifos/diazinon TMDLmonitoring**	**No chlorpyrifos/diazinon TMDL monitoring required** **Other constituents**[4]

Table 1. Continued

MONITORING LOCATIONS	CURRENT ASSESSMENT MONITORING PLAN (Events/Year)[2]	APPROVED MONITORING REDUCTIONS (Events/Year) FOR ASSESSMENT YEARS[2]	APPROVED REDUCED MONITORING PLAN (Events/Year) FOR ASSESSMENT YEARS[2]
Shag Slough at Liberty Island Bridge	**Water Toxicity** (4), **Sediment Toxicity** (2) **Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr. (2) legacy organochlorine TMDL events in assessment year 1. **Metals** (1) Boron, Copper, Selenium ***E. coli*, Field Parameters[3], TOC, TSS, Turbidity, Nutrients** (4)	**Water Toxicity** (4), **Sediment Toxicity** (2) **Metals** (1) Boron, Copper, Selenium ***E. coli*, Field Parameters[3], TOC, TSS, Turbidity, Nutrients** (4)	**Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr.; (2) legacy organochlorine TMDL events in Year 1
Grand Island Drain near Leary Road	**Water Toxicity** (10) Ceriodaphnia, Pimephales, Selenastrum, **Sediment Toxicity** (2) **Pesticides** includes (3) chlorpyrifos/diazinon TMDL events/yr. (2) legacy organochlorine TMDL events in assessment year 1 **Metals** (6) Arsenic, (3) Copper ***E. coli*, Field Parameters[3], TOC, TSS, Turbidity, Nutrients** (11) **Other constituents[4]**	**Water Toxicity** (4) Ceriodaphnia, (2) Pimephales, (5) Selenastrum **Pesticides** (2) Organophosphate pesticides, (2) chlorothalonil, (3) hexazinone, (6) oxyfluorfen, (4) carbaryl, (3) diuron ***E. coli*, Field Parameters[3], TOC, TSS, Turbidity, Nutrients** (5)	**Water Toxicity** (6) Ceriodaphnia, (8) Pimephales, (5) Selenastrum **Sediment Toxicity** (2) **Pesticides** (3) metolachlor, (3) chlorpyrifos/diazinon TMDL events/yr., (2) legacy organochlorine TMDL events in assessment year 1 **Metals** (6) Arsenic, (3) Copper ***E. coli*, Field Parameters[3], TOC, TSS, Turbidity, Nutrients** (6) **Other constituents[4]**
Ulatis Creek at Brown Road	**Water Toxicity** (4) Ceriodaphnia, Pimephales, (11) Selenastrum, **Sediment Toxicity** (2) **Pesticides** (6) Organophosphate pesticides, includes (4) chlorpyrifos/diazinon TMDL events/yr., (3) hexazinone, (3) metolachlor, (9) oxyfluorfen, (9) diuron, (2) legacy organochlorine TMDL events in assessment year 1 **Metals** (3) Copper, (3) Boron, (4) Selenium ***E. coli*, Field Parameters[3], TOC, TSS, Nutrients** (11) **Hardness** (3) **Other constituents[4]**	**Water Toxicity** (4) Ceriodaphnia, Pimephales, (11) Selenastrum **Pesticides** (6) Organophosphate pesticides, includes (4) chlorpyrifos/diazinon TMDL events/yr., (3) hexazinone, (3) metolachlor, (9) oxyfluorfen, (9) diuron **Metals** (3) Copper, (2) Boron, (3) Selenium **Field Parameters[3], TOC, TSS, Turbidity** (11) ***E. Coli*, Nutrients** (5) **Hardness** (3)	**Sediment Toxicity** (2) **Pesticides** (2) legacy organochlorine TMDL events in assessment year 1 ***E. coli*, Nutrients** (6) **Metals** (1) Boron, (1) Selenium event in assessment year 1 **Other constituents[4]**
Cosumnes River at Twin Cities Road	**Water Toxicity** (7), **Sediment Toxicity** (2) **Pesticides** (6), (4) chlorpyrifos/diazinon TMDL events/yr. (2) legacy organochlorine TMDL events in assessment year 1 **Metals** (3) Copper ***E. coli*, Field Parameters[3], TOC, TSS, Turbidity, Nutrients** (10), **Hardness** (3)	**Pesticides** (1) chlorpyrifos/diazinon TMDL event/yr.	**Water Toxicity** (7), **Sediment Toxicity** (2) **Pesticides** (6), (3) chlorpyrifos/diazinon TMDL events/yr. (2) legacy organochlorine TMDL events in assessment year 1 ***E. coli*, Field Parameters[3], TOC, TSS, Turbidity, Nutrients** (10) **Hardness** (3) **Metals** (3) Copper
Colusa Basin Drain above Knights Landing	**Pesticides** (7) chlorpyrifos/diazinon TMDL events/yr.	**Pesticides** (4) chlorpyrifos / diazinon TMDL events/yr.	**Pesticides** (3) chlorpyrifos / diazinon TMDL events/yr.
Sacramento Slough Bridge near Karnak	**Pesticides** (6) chlorpyrifos/diazinon TMDL events/yr.	**Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr.	**Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr.
Lower Honcut Creek	**Pesticides** (4) chlorpyrifos/diazinon TMDL events/yr.	**Pesticides** (1) chlorpyrifos/diazinon TMDL events/yr.	**Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr.
Lower Snake River at Nuestro Road	**Pesticides** (6) chlorpyrifos/diazinon TMDL events/yr.	**Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr.	**Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr.
Walker Creek near 99W and CR33	**Pesticides** (4) chlorpyrifos/diazinon TMDL events/yr.	**Pesticides** (1) chlorpyrifos/diazinon TMDL events/yr.	**Pesticides** (3) chlorpyrifos/diazinon TMDL events/yr.

[1] Water Years 2016 & 2017 are Non-Assessment Monitoring Years.
[2] Water Years 2018 & 2019 are Assessment Monitoring Years.
[3] Field Parameters consist of pH, conductivity, dissolved oxygen, temperature, and flow.
[4] For other monitoring requirements at this site, see the current Monitoring Plan Update.