SVWQC EXCEEDANCE REPORT	***Final***
DATE:	July 27, 2013
TO:	Mark Cady, Central Valley Regional Water Quality Control Board
CC:	Joe Karkoski, Central Valley Regional Water Quality Control Board
	Susan Fregien, Central Valley Regional Water Quality Control Board
FROM:	Sacramento Valley Water Quality Coalition
SUBJECT:	Water Quality Exceedances
SVWQC EVENT NUMBER:	82
EVENT DATES:	December 11 – 13, 2012
EVENT TYPE:	Wet Season

SUMMARY OF EXCEEDANCES

The Sacramento Valley Water Quality Coalition (Coalition) conducted sampling from December 11 – 13, 2012 as required by the Irrigated Lands Conditional Waiver 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 survival or algae growth are ≤80% compared to control, chemical results will be reviewed for possible contributions to toxicity (as indicated in **Table 1**).

For toxicity and pesticide exceedances, pesticide applications preceding the sample dates will be investigated in the contributiing 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 ≥50% reductions in Ceriodaphnia or Pimephales survival or Selenastrum growth compared to control. TIEs are initiated on the first possible day following observance of ≥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 (March 2014).

TABLE 1: SUMMARY OF EXCEEDANCES

										Follow-up Evaluations						
Exceedance Category	**Sub-watershed**	**Site ID**	**Site**	**Replicate**	**Sample Date**	**Analyte**	**Units**	**Result**	**Trigger Limits[1]**	**Existing Mgt Plan?**	**Evaluate Relevant Site Conditions**	**Follow up-Chemistry Analysis**	**Toxicity Identification Evaluation**	**Serial Dilution**	**Review Chemistry and/or Pesticide Applications**	**Compare to Toxicity Results**
Field Measures	ButteYubaSutter	PNCGR	Pine Creek at Nord Gianella Road	1	10/18/2012	Dissolved Oxygen	mgL	0.99	5 (SSO WARM)	X	X	-	-	-	-	-
Field Measures	ButteYubaSutter	PNCGR	Pine Creek at Nord Gianella Road	1	10/18/2012	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	ButteYubaSutter	BTTSL	Butte Slough at Pass Road	1	10/17/2012	Dissolved Oxygen	mgL	6.21	7 (SSO COLD)	X	X	-	-	-	-	-
Field Measures	ButteYubaSutter	BTTSL	Butte Slough at Pass Road	1	10/17/2012	Discharge	CFS	51.98	NA	-	-	-	-	-	-	-
Field Measures	SacramentoAmador	GIDLR	Grand Island Drain near Leary Road	1	10/16/2012	Dissolved Oxygen	mg/L	4.24	7 (SSO COLD)	X	X	-	-	-	-	-
Field Measures	SacramentoAmador	GIDLR	Grand Island Drain near Leary Road	1	10/16/2012	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	ShastaTehama	COYTR	Coyote Creek at Tyler Road	1	10/18/2012	Dissolved Oxygen	mg/L	3.5	7 (SSO COLD)	X	X	-	-	-	-	-
Field Measures	ShastaTehama	COYTR	Coyote Creek at Tyler Road	1	10/18/2012	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Toxicity Results	*No toxicity was observed this event*															
Chemical Results	ButteYubaSutter	LHNCT	Lower Honcut Creek at Hwy 70	1	10/17/2012	*E. coli*	MPN/100mL	1100	235	X	X	-	-	-	-	-
Chemical Results	ButteYubaSutter	LSNKR	Lower Snake R. at Nuestro Rd	1	10/17/2012	*E. coli*	MPN/100mL	820	235	X	X	-	-	-	-	-
Chemical Results	ButteYubaSutter	PNCGR	Pine Creek at Nord Gianella Road	1	10/18/2012	*E. coli*	MPN/100mL	2400	235	X	X	-	-	-	-	-
Chemical Results	ShastaTehama	ACACR	Anderson Creek at Ash Creek Road	1	10/17/2012	*E. coli*	MPN/100mL	600	235	X	X	-	-	-	-	-

Table Notes:
1 Water Quality Objective or Narrative Interpretation Limits for ILRP.
2 Water Quality Objective Basis: *BP* = Central Valley Basin Plan; *BPA* = Basin Plan Amendment; CTR = California Toxics Rule; Narrative = unadopted limits used to interpret Basin Plan narrative objectives by the Central Valley Regional Board.
3 California recommended 2° MCL

SVWQC EXCEEDANCE REPORT ***Final***

DATE:	January 27, 2014
TO:	Mark Cady, Central Valley Regional Water Quality Control Board
CC:	Joe Karkoski, Central Valley Regional Water Quality Control Board
	Susan Fregien, Central Valley Regional Water Quality Control Board
FROM:	Sacramento Valley Water Quality Coalition
SUBJECT:	Water Quality Exceedances
SVWQC EVENT NUMBER:	90
EVENT DATES:	August 20 – 22, 2013
EVENT TYPE:	Irrigation Season

SUMMARY OF EXCEEDANCES

The Sacramento Valley Water Quality Coalition (Coalition) conducted sampling from August 20 – 22, 2013 as required by the Irrigated Lands Conditional Waiver 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 survival or algae growth are ≤80% compared to control, chemical results will be reviewed for possible contributions to toxicity (as indicated in **Table 1**).

For toxicity and pesticide exceedances, pesticide applications preceding the sample dates will be investigated in the contributiing 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 ≥50% reductions in Ceriodaphnia or Pimephales survival or Selenastrum growth compared to control. TIEs are initiated on the first possible day following observance of ≥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 (March 2014).

TABLE 1: SUMMARY OF EXCEEDANCES

										Follow-up Evaluations						
Exceedance Category	Sub-watershed	Site ID	Site	Replicate	Sample Date	Analyte	Units	Result	Trigger Limits[1]	Existing Mgt Plan?	Evaluate Relevant Site Conditions	Follow up-Chemistry Analysis	Toxicity Identification Evaluation	Serial Dilution	Review Chemistry and/or Pesticide Applications	Compare to Toxicity Results
Field Measures	ButteYubaSutter	GILSL	Gilsizer Slough at George Washington Road	1	8/20/2013	Dissolved Oxygen	mg/L	1.20	5 (WARM)	X	X	-	-	-	-	-
Field Measures	ButteYubaSutter	GILSL	Gilsizer Slough at George Washington Road	1	8/20/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	ButteYubaSutter	BTTSL	Butte Slough at Pass Road	1	8/27/2013	Dissolved Oxygen	mg/L	5.66	7 (COLD)	X	X	-	-	-	-	-
Field Measures	ButteYubaSutter	BTTSL	Butte Slough at Pass Road	2	8/27/2013	Dissolved Oxygen	mg/L	5.37	7 (COLD)	X	X	-	-	-	-	-
Field Measures	ButteYubaSutter	BTTSL	Butte Slough at Pass Road	1	8/27/2013	Discharge	CFS		NA	-	-	-	-	-	-	-
Field Measures	ColusaGlenn	COLDR	Colusa Basin Drain above KL	1	8/27/2013	Dissolved Oxygen	mg/L	6.05	7 (COLD)	X	X	-	-	-	-	-
Field Measures	ColusaGlenn	COLDR	Colusa Basin Drain above KL	2	8/27/2013	Dissolved Oxygen	mg/L	5.72	7 (COLD)	X	X	-	-	-	-	-
Field Measures	ColusaGlenn	COLDR	Colusa Basin Drain above KL	1	8/27/2013	Discharge	CFS		NA	-	-	-	-	-	-	-
Field Measures	PNSSNS	CCSTR	Coon Creek at Striplin Road	1	8/27/2013	Dissolved Oxygen	mg/L	5.95	7 (COLD)	X	X	-	-	-	-	-
Field Measures	PNSSNS	CCSTR	Coon Creek at Striplin Road	1	8/27/2013	Discharge	CFS	1	NA	-	-	-	-	-	-	-
Field Measures	SacramentoAmador	LAGAM	Laguna Creek at Alta Mesa Rd	1	8/20/2013	Dissolved Oxygen	mg/L	3.40	5 (WARM)	X	X	-	-	-	-	-
Field Measures	SacramentoAmador	LAGAM	Laguna Creek at Alta Mesa Rd	1	8/20/2013	Discharge	CFS	1	NA	-	-	-	-	-	-	-
Field Measures	Yolo	TCHWY	Tule Canal at I-80	1	8/20/2013	Conductivity	µS/cm	829	700	X	-	-	-	-	-	-
Field Measures	Yolo	TCHWY	Tule Canal at I-80	1	8/20/2013	Discharge	CFS	1	NA	-	-	-	-	-	-	-
Field Measures	Solano	UCBRD	Ulatis Creek at Brown Road	1	8/20/2013	Conductivity	µS/cm	853	700	X	-	-	-	-	-	-

TABLE 1: SUMMARY OF EXCEEDANCES

											Follow-up Evaluations						
Exceedance Category	Sub-watershed	Site ID	Site	Replicate	Sample Date	Analyte	Units	Result	Trigger Limits[1]	Existing Mgt Plan?	Evaluate Relevant Site Conditions	Follow up-Chemistry Analysis	Toxicity Identification Evaluation	Serial Dilution	Review Chemistry and/or Pesticide Applications	Compare to Toxicity Results
Field Measures	Solano	UCBRD	Ulatis Creek at Brown Road	1	8/20/2013	Discharge	CFS	NA[2]	NA	-	-	-	-	-	-	-
Field Measures	Solano	ZDFOR	Z Drain Supply Site #4	1	8/22/2013	Conductivity	µS/cm	744	700	X	X	-	-	-	-	-
Field Measures	Solano	ZDFOR	Z Drain Supply Site #4	1	8/22/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	Solano	ZDTWO	Z Drain Supply Site #2	1	8/22/2013	Conductivity	µS/cm	1379	700	X	X	-	-	-	-	-
Field Measures	Solano	ZDTWO	Z Drain Supply Site #2	1	8/22/2013	Discharge	CFS	0.27	NA	-	-	-	-	-	-	-
Field Measures	Solano	ZDTHR	Z Drain Supply Site #3	1	8/22/2013	Conductivity	µS/cm	735	700	X	X	-	-	-	-	-
Field Measures	Solano	ZDTHR	Z Drain Supply Site #3	1	8/22/2013	Discharge	CFS	0.13	NA	-	-	-	-	-	-	-
Field Measures	ShastaTehama	COYTR	Coyote Creek at Tyler Road	1	8/21/2013	Dissolved Oxygen	mg/L	3.20	7 (COLD)	X	X	-	-	-	-	-
Field Measures	ShastaTehama	COYTR	Coyote Creek at Tyler Road	1	8/21/2013	Velocity	FPS	2	NA	-	-	-	-	-	-	-
Field Measures	Lake	MDLCR	Middle Creek u/s from Highway 20	1	8/21/2013	Dissolved Oxygen	mg/L	6.60	7 (COLD)	X	X	-	-	-	-	-
Field Measures	Lake	MDLCR	Middle Creek u/s from Highway 20	1	8/21/2013	Discharge	CFS	8.92	NA	-	-	-	-	-	-	-
Toxicity Results	Solano	ZDDIX	Z Drain	1	8/22/2013	Hyalella azteca	% of Control	87.3	sig't tox	X	X	X	-	-	X	-
Chemical Results	ButteYubaSutter	LHNCT	Lower Honcut Creek at Hwy 70	1	8/20/2013	E. coli	MPN/100mL	410.6	235	X	-	-	-	-	-	-
Chemical Results	ColusaGlenn	FRSHC	Freshwater Creek at Gibson Rd	1	8/20/2013	E. coli	MPN/100mL	307.6	235	X	-	-	-	-	-	-
Chemical Results	ColusaGlenn	WLKCH	Walker Creek near 99W and CR33	1	8/21/2013	E. coli	MPN/100mL	410.6	235	X	-	-	-	-	-	-

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										Follow-up Evaluations						
Exceedance Category	Sub-watershed	Site ID	Site	Replicate	Sample Date	Analyte	Units	Result	Trigger Limits[1]	Existing Mgt Plan?	Evaluate Relevant Site Conditions	Follow up-Chemistry Analysis	Toxicity Identification Evaluation	Serial Dilution	Review Chemistry and/or Pesticide Applications	Compare to Toxicity Results
Chemical Results	ElDorado	COONH	Coon Hollow Creek	1	8/22/2013	DDE (p,p)	µg/L	0.0033	0.00059	X	-	-	-	-	-	-
Chemical Results	SacramentoAmador	GIDLR	Grand Island Drain near Leary Road	1	8/20/2013	Arsenic	µg/L	14	10	X	X	-	-	-	-	-
Chemical Results	SacramentoAmador	GIDLR	Grand Island Drain near Leary Road	1	8/20/2013	DDD (p,p)	µg/L	0.0016	0.00083	X	-	-	-	-	-	-
Chemical Results	SacramentoAmador	GIDLR	Grand Island Drain near Leary Road	1	8/20/2013	DDE (p,p)	µg/L	0.0015	0.00059	X	-	-	-	-	-	-
Chemical Results	SacramentoAmador	GIDLR	Grand Island Drain near Leary Road	1	8/20/2013	Dimethoate	µg/L	1.0067	1	X	-	-	-	-	-	-
Chemical Results	ShastaTehama	ACACR	Anderson Creek at Ash Creek Road	1	8/21/2013	E. coli	MPN/100mL	290.9	235	X	-	-	-	-	-	-
Chemical Results	Yolo	TCHWY	Tule Canal at I-80	1	8/20/2013	Boron	µg/L	930	700	X	X	-	-	-	-	-
Chemical Results	Yolo	TCHWY	Tule Canal at I-80	2	8/20/2013	Boron	µg/L	900	700	X	X	-	-	-	-	-
Chemical Results	Yolo	WLSPL	Willow Slough Bypass at Pole Line	1	8/21/2013	E. coli	MPN/100mL	2419.6	235	X	-	-	-	-	-	-

Table Notes:

1 Water Quality Objective or Narrative Interpretation Limits for ILRP.

2 Not wadeable and flow estimate not provided

SVWQC EXCEEDANCE REPORT ***Final***

DATE:	September 30, 2013
TO:	Mark Cady, Central Valley Regional Water Quality Control Board
CC:	Joe Karkoski, Central Valley Regional Water Quality Control Board
	Susan Fregien, Central Valley Regional Water Quality Control Board
FROM:	Sacramento Valley Water Quality Coalition
SUBJECT:	Water Quality Exceedances
SVWQC EVENT NUMBER:	89
EVENT DATES:	July 16 – 18, 2013
EVENT TYPE:	Irrigation Season

SUMMARY OF EXCEEDANCES

The Sacramento Valley Water Quality Coalition (Coalition) conducted sampling from July 16 – 18, 2013 as required by the Irrigated Lands Conditional Waiver 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.

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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[1]	Existing Mgt Plan?	Evaluate Relevant Site Conditions	Follow up-Chemistry Analysis	Toxicity Identification Evaluation	Serial Dilution	Review Chemistry and/or Pesticide Applications	Compare to Toxicity Results
Field Measures	ButteYubaSutter	GILSL	Gilsizer Slough at George Washington Road	1	7/17/2013	Dissolved Oxygen	mg/L	2.26	5 (WARM)	X	X	-	-	-	-	-
Field Measures	ButteYubaSutter	GILSL	Gilsizer Slough at George Washington Road	1	7/17/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	ButteYubaSutter	SSKNK	Sacramento Slough bridge near Karnak	1	7/30/2013	Dissolved Oxygen	mg/L	4.82	5 (WARM)	X	X	-	-	-	-	-
Field Measures	ButteYubaSutter	SSKNK	Sacramento Slough bridge near Karnak	2	7/30/2013	Dissolved Oxygen	mg/L	4.71	5 (WARM)	X	X	-	-	-	-	-
Field Measures	ButteYubaSutter	SSKNK	Sacramento Slough bridge near Karnak	1	7/30/2013	Discharge	CFS	1	NA	-	-	-	-	-	-	-
Field Measures	ColusaGlenn	COLDR	Colusa Basin Drain above KL	1	7/30/2013	Dissolved Oxygen	mg/L	4.84	5 (WARM)	X	X	-	-	-	-	-
Field Measures	ColusaGlenn	COLDR	Colusa Basin Drain above KL	2	7/30/2013	Dissolved Oxygen	mg/L	4.76	5 (WARM)	X	X	-	-	-	-	-
Field Measures	ColusaGlenn	COLDR	Colusa Basin Drain above KL	1	7/30/2013	Discharge	CFS	1	NA	-	-	-	-	-	-	-
Field Measures	PitRiver	FRRRB	Fall River at Fall River Ranch Bridge	1	7/25/2013	pH	std. units	8.82	6.5-8.5	X	X	-	-	-	-	-
Field Measures	PitRiver	FRRRB	Fall River at Fall River Ranch Bridge	1	7/25/2013	Discharge	CFS	NA[2]	NA	-	-	-	-	-	-	-
Field Measures	PNSSNS	CCSTR	Coon Creek at Striplin Road	1	7/16/2013	Dissolved Oxygen	mg/L	5.30	7 (COLD)	X	X	-	-	-	-	-
Field Measures	PNSSNS	CCSTR	Coon Creek at Striplin Road	1	7/16/2013	Velocity	FPS	2	NA	-	-	-	-	-	-	-
Field Measures	Solano	UCBRD	Ulatis Creek at Brown Road	1	7/16/2013	Conductivity	µS/cm	1084	700	X	-	-	-	-	-	-
Field Measures	Solano	UCBRD	Ulatis Creek at Brown Road	1	7/16/2013	Discharge	CFS	8.92	NA	-	-	-	-	-	-	-

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											Follow-up Evaluations						
Exceedance Category	**Sub-watershed**	**Site ID**	**Site**	**Replicate**	**Sample Date**	**Analyte**	**Units**	**Result**	**Trigger Limits[1]**	**Existing Mgt Plan?**	**Evaluate Relevant Site Conditions**	**Follow up-Chemistry Analysis**	**Toxicity Identification Evaluation**	**Serial Dilution**	**Review Chemistry and/or Pesticide Applications**	**Compare to Toxicity Results**
Field Measures	Yolo	WLSPL	Willow Slough Bypass at Pole Line	1	7/18/2013	Conductivity	µS/cm	1713	700	X	-	-	-	-	-	-
Field Measures	Yolo	WLSPL	Willow Slough Bypass at Pole Line	1	7/18/2013	Discharge	CFS	3.42	NA	-	-	-	-	-	-	-
Toxicity Results	*No toxicity was observed this event*															
Chemical Results	PNSSNS	CCBRW	Coon Creek at Brewer Road	1	7/16/2013	E. coli	MPN/100mL	2419.6	235	X	-	-	-	-	-	-
Chemical Results	ShastaTehama	ACACR	Anderson Creek at Ash Creek Road	1	7/18/2013	E. coli	MPN/100mL	1413.6	235	X	-	-	-	-	-	-
Chemical Results	ShastaTehama	ACACR	Anderson Creek at Ash Creek Road	1	7/18/2013	E. coli	MPN/100mL	1203.3	235	X	-	-	-	-	-	-

Table Notes:

1 Water Quality Objective or Narrative Interpretation Limits for ILRP.

2 Not wadeable and flow estimate not provided

SVWQC EXCEEDANCE REPORT

DATE:	November 1, 2013
TO:	Mark Cady, Central Valley Regional Water Quality Control Board
CC:	Joe Karkoski, Central Valley Regional Water Quality Control Board
	Susan Fregien, Central Valley Regional Water Quality Control Board
FROM:	Sacramento Valley Water Quality Coalition
SUBJECT:	Water Quality Exceedances
SVWQC EVENT NUMBER:	88
EVENT DATES:	June 18 – 27, 2013
EVENT TYPE:	Irrigation Season

SUMMARY OF EXCEEDANCES

The Sacramento Valley Water Quality Coalition (Coalition) conducted sampling from June 18 – 27, 2013 as required by the Irrigated Lands Conditional Waiver 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:

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Exceedance Category	Sub-watershed	Site ID	Site	Replicate	Sample Date	Analyte	Units	Result	Trigger Limits[1]	Existing Mgt Plan?	Evaluate Relevant Site Conditions	Follow up-Chemistry Analysis	Toxicity Identification Evaluation	Serial Dilution	Review Chemistry and/or Pesticide Applications	Compare to Toxicity Results
Field Measures	ButteYubaSutter	BTTSL	Butte Slough at Pass Road	1	6/25/2013	Dissolved Oxygen	mg/L	6.18	7 (COLD), 5 (WARM)	X	X	-	-	-	-	-
None	ButteYubaSutter	BTTSL	Butte Slough at Pass Road	1	6/25/2013	Discharge	CFS	—	NA	-	-	-	-	-	-	-
Field Measures	ButteYubaSutter	COLDR	Colusa Basin Drain above KL	1	6/25/2013	Dissolved Oxygen	mg/L	6.18	7 (COLD), 5 (WARM)	X	X	-	-	-	-	-
None	ButteYubaSutter	COLDR	Colusa Basin Drain above KL	1	6/25/2013	Discharge	CFS	—	NA	-	-	-	-	-	-	-
Field Measures	ButteYubaSutter	SSKNK	Sacramento Slough bridge near Karnak	1	6/25/2013	Dissolved Oxygen	mg/L	6.18	7 (COLD), 5 (WARM)	X	X	-	-	-	-	-
None	ButteYubaSutter	SSKNK	Sacramento Slough bridge near Karnak	1	6/25/2013	Discharge	CFS	—	NA	-	-	-	-	-	-	-
Field Measures	ColusaGlenn	WLKCH	Walker Creek near 99W and CR33	1	6/19/2013	Dissolved Oxygen	mg/L	4.75	5 (WARM)	X	X	-	-	-	-	-
None	ColusaGlenn	WLKCH	Walker Creek near 99W and CR33	1	6/19/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	Lake	MGSLU	McGaugh Slough at Finley Road East	1	6/19/2013	Conductivity	µS/cm	1195	700	X	-	-	-	-	-	-
Field Measures	Lake	MGSLU	McGaugh Slough at Finley Road East	1	6/19/2013	Dissolved Oxygen	mg/L	2.51	7 (COLD), 5 (WARM)	X	X	-	-	-	-	-
None	Lake	MGSLU	McGaugh Slough at Finley Road East	1	6/19/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	PitRiver	FRRRB	Fall River at Fall River Ranch Bridge		6/26/2013	pH	-log[H+]	9.06	6.5-8.5	X	X	-	-	-	-	-

TABLE 1: SUMMARY OF EXCEEDANCES

										Follow-up Evaluations						
Exceedance Category	Sub-watershed	Site ID	Site	Replicate	Sample Date	Analyte	Units	Result	Trigger Limits[1]	Existing Mgt Plan?	Evaluate Relevant Site Conditions	Follow up-Chemistry Analysis	Toxicity Identification Evaluation	Serial Dilution	Review Chemistry and/or Pesticide Applications	Compare to Toxicity Results
None	PitRiver	FRRRB	Fall River at Fall River Ranch Bridge		6/26/2013	Discharge	CFS	—	NA	-	-	-	-	-	-	-
Field Measures	SacramentoAmador	GIDLR	Grand Island Drain near Leary Road	1	6/18/2013	Dissolved Oxygen	mg/L	4.00	5 (WARM)	X	X	-	-	-	-	-
None	SacramentoAmador	GIDLR	Grand Island Drain near Leary Road	1	6/18/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	SacramentoAmador	LAGAM	Laguna Creek at Alta Mesa Rd	1	6/18/2013	Dissolved Oxygen	mg/L	3.00	7 (COLD), 5 (WARM)	X	X	-	-	-	-	-
None	SacramentoAmador	LAGAM	Laguna Creek at Alta Mesa Rd	1	6/18/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	ShastaTehama	COYTR	Coyote Creek at Tyler Road	1	6/19/2013	Dissolved Oxygen	mg/L	3.20	7 (COLD), 5 (WARM)	X	X	-	-	-	-	-
None	ShastaTehama	COYTR	Coyote Creek at Tyler Road	1	6/19/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	Solano	UCBRD	Ulatis Creek at Brown Road	1	6/18/2013	Conductivity	µS/cm	1180	700	X	-	-	-	-	-	-
None	Solano	UCBRD	Ulatis Creek at Brown Road	1	6/18/2013	Discharge	CFS	8.5	NA	-	-	-	-	-	-	-
Field Measures	Solano	ZDDIX	Z Drain	1	6/18/2013	Conductivity	µS/cm	818	700	X	-	-	-	-	-	-
None	Solano	ZDDIX	Z Drain	1	6/18/2013	Discharge	CFS	3.42	NA	-	-	-	-	-	-	-
Field Measures	Yolo	CCCPY	Cache Creek at Capay Diversion Dam	1	6/19/2013	pH	-log[H+]	8.66	6.5-8.5	-	X	-	-	-	-	-
None	Yolo	CCCPY	Cache Creek at Capay Diversion Dam	1	6/19/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	Yolo	TCHWY	Tule Canal at I-80	1	6/18/2013	Conductivity	µS/cm	963	700	X	-	-	-	-	-	-
None	Yolo	TCHWY	Tule Canal at I-80	1	6/18/2013	Velocity	FPS	0.1	NA	-	-	-	-	-	-	-

TABLE 1: SUMMARY OF EXCEEDANCES

											Follow-up Evaluations						
Exceedance Category	Sub-watershed	Site ID	Site	Replicate	Sample Date	Analyte	Units	Result	Trigger Limits[1]	Existing Mgt Plan?	Evaluate Relevant Site Conditions	Follow up-Chemistry Analysis	Toxicity Identification Evaluation	Serial Dilution	Review Chemistry and/or Pesticide Applications	Compare to Toxicity Results
Toxicity Results	*No toxicity was observed this event*															
Chemical Results	ButteYubaSutter	LHNCT	Lower Honcut Creek at Hwy 70	1	6/18/2012	E. coli	MPN/100mL	238.2	235	X	-	-	-	-	-	-
Chemical Results	ShastaTehama	ACACR	Anderson Creek at Ash Creek Road	1	6/19/2013	E. coli	MPN/100mL	770.1	235	X	-	-	-	-	-	-
Chemical Results	Yolo	TCHWY	Tule Canal at I-80	1	6/18/2013	Boron	µg/L	1100	700	X	X	-	-	-	-	-
Chemical Results	Yolo	TCHWY	Tule Canal at I-80	2	6/18/2013	Boron	µg/L	1100	700	X	X	-	-	-	-	-

Table Notes:

1 Water Quality Objective or Narrative Interpretation Limits for ILRP.

SVWQC EXCEEDANCE REPORT ***Final***

DATE:	November 1, 2013
TO:	Mark Cady, Central Valley Regional Water Quality Control Board
CC:	Joe Karkoski, Central Valley Regional Water Quality Control Board
	Susan Fregien, Central Valley Regional Water Quality Control Board
FROM:	Sacramento Valley Water Quality Coalition
SUBJECT:	Water Quality Exceedances
SVWQC EVENT NUMBER:	87
EVENT DATES:	May 21 – 28, 2013
EVENT TYPE:	Irrigation Season

SUMMARY OF EXCEEDANCES

The Sacramento Valley Water Quality Coalition (Coalition) conducted sampling from May 21 – 28, 2013 as required by the Irrigated Lands Conditional Waiver 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 survival or algae growth are ≤80% compared to control, chemical results will be reviewed for possible contributions to toxicity (as indicated in **Table 1**).

For toxicity and pesticide exceedances, pesticide applications preceding the sample dates will be investigated in the contributiing 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 ≥50% reductions in Ceriodaphnia or Pimephales survival or Selenastrum growth compared to control. TIEs are initiated on the first possible day following observance of ≥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 (March 2014).

TABLE 1: SUMMARY OF EXCEEDANCES

										Follow-up Evaluations						
Exceedance Category	Sub-watershed	Site ID	Site	Replicate	Sample Date	Analyte	Units	Result	Trigger Limits[1]	Existing Mgt Plan?	Evaluate Relevant Site Conditions	Follow up-Chemistry Analysis	Toxicity Identification Evaluation	Serial Dilution	Review Chemistry and/or Pesticide Applications	Compare to Toxicity Results
Field Measures	ButteYubaSutter	GILSL	Gilsizer Slough at George Washington Road	1	5/21/2013	Dissolved Oxygen	mg/L	3.16	5 (WARM)	X	X	-	-	-	-	-
Field Measures	ButteYubaSutter	GILSL	Gilsizer Slough at George Washington Road	1	5/21/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	ColusaGlenn	COLDR	Colusa Basin Drain above KL	1	5/28/2013	Conductivity	µS/cm	735	700	X	-	-	-	-	-	-
Field Measures	ColusaGlenn	COLDR	Colusa Basin Drain above KL	2	5/28/2013	Conductivity	µS/cm	734	700	X	-	-	-	-	-	-
Field Measures	ColusaGlenn	COLDR	Colusa Basin Drain above KL	1	5/28/2013	Dissolved Oxygen	mg/L	5.59	7 (COLD) 5 (WARM)	X	X	-	-	-	-	-
Field Measures	ColusaGlenn	COLDR	Colusa Basin Drain above KL	2	5/28/2013	pH	-log[H+]	5.48	6.5-8.5	-	X	-	-	-	-	-
Field Measures	ColusaGlenn	COLDR	Colusa Basin Drain above KL	1	5/28/2013	Discharge	CFS	0.1	NA	-	-	-	-	-	-	-
Field Measures	ColusaGlenn	WLKCH	Walker Creek near 99W and CR33	1	5/22/2013	Dissolved Oxygen	mg/L	4.97	5 (WARM)	X	X	-	-	-	-	-
Field Measures	ColusaGlenn	WLKCH	Walker Creek near 99W and CR33	1	5/22/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	Lake	MGSLU	McGaugh Slough at Finley Road East	1	5/22/2013	Conductivity	µS/cm	1077	700	X	-	-	-	-	-	-
Field Measures	Lake	MGSLU	McGaugh Slough at Finley Road East	1	5/22/2013	Dissolved Oxygen	mg/L	3.3	7 (COLD) 5 (WARM)	-	X	-	-	-	-	-
Field Measures	Lake	MGSLU	McGaugh Slough at Finley Road East	1	5/22/2013	Discharge	CFS	0	NA	-	-	-	-	-	-	-

TABLE 1: SUMMARY OF EXCEEDANCES

Exceedance Category	Sub-watershed	Site ID	Site	Replicate	Sample Date	Analyte	Units	Result	Trigger Limits[1]	Follow-up Evaluations: Existing Mgt Plan?	Evaluate Relevant Site Conditions	Follow up-Chemistry Analysis	Toxicity Identification Evaluation	Serial Dilution	Review Chemistry and/or Pesticide Applications	Compare to Toxicity Results
Field Measures	PNSSNS	CCSTR	Coon Creek at Striplin Road	1	5/23/2013	Dissolved Oxygen	mg/L	4.75	7 (COLD) 5 (WARM)	X	X	-	-	-	-	-
Field Measures	PNSSNS	CCSTR	Coon Creek at Striplin Road	1	5/23/2013	Discharge	CFS	2.6	NA	-	-	-	-	-	-	-
Field Measures	Solano	UCBRD	Ulatis Creek at Brown Road	1	5/21/2013	Conductivity	µS/cm	1431	700	X	-	-	-	-	-	-
Field Measures	Solano	UCBRD	Ulatis Creek at Brown Road	1	5/21/2013	Discharge	CFS	3.84	NA	-	-	-	-	-	-	-
Toxicity Results	*No toxicity was observed this event*															
Chemical Results	ColusaGlenn	WLKCH	Walker Creek near 99W and CR33	1	5/22/2013	E. coli	MPN/100mL	648.8	235	X	-	-	-	-	-	-
Chemical Results	ShastaTehama	ACACR	Anderson Creek at Ash Creek Road	1	5/22/2013	E. coli	MPN/100mL	816.4	235	X	-	-	-	-	-	-
Chemical Results	SacramentoAmador	GIDLR	Grand Island Drain near Leary Road	1	5/21/2013	DDD(o,p)	µg/L	0.0018	0.00083	X	-	-	-	-	-	-
Chemical Results	SacramentoAmador	GIDLR	Grand Island Drain near Leary Road	1	5/21/2013	DDE(o,p)	µg/L	0.0028	0.00059	X	-	-	-	-	-	-
Chemical Results	ElDorado	COONH	Coon Hollow Creek	1	5/23/2013	DDE(o,p)	µg/L	0.0030	0.00059	X	-	-	-	-	-	-
Chemical Results	ButteYubaSutter	PNCGR	Pine Creek at Nord Gianella Road	1	5/22/2013	Chlorpyrifos	µg/L	0.0368	0.015	X	X	-	-	-	X	X
Chemical Results	ButteYubaSutter	PNCGR	Pine Creek at Nord Gianella Road	2	5/22/2013	Chlorpyrifos	µg/L	0.0432	0.015	X	X	-	-	-	X	X

Table Notes:

1 Water Quality Objective or Narrative Interpretation Limits for ILRP.

SVWQC EXCEEDANCE REPORT	***Final***
DATE:	July 27, 2013
TO:	Mark Cady, Central Valley Regional Water Quality Control Board
CC:	Joe Karkoski, Central Valley Regional Water Quality Control Board
	Susan Fregien, Central Valley Regional Water Quality Control Board
FROM:	Sacramento Valley Water Quality Coalition
SUBJECT:	Water Quality Exceedances
SVWQC EVENT NUMBER:	82
EVENT DATES:	December 11 – 13, 2012
EVENT TYPE:	Wet Season

SUMMARY OF EXCEEDANCES

The Sacramento Valley Water Quality Coalition (Coalition) conducted sampling from December 11 – 13, 2012 as required by the Irrigated Lands Conditional Waiver 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 survival or algae growth are ≤80% compared to control, chemical results will be reviewed for possible contributions to toxicity (as indicated in **Table 1**).

For toxicity and pesticide exceedances, pesticide applications preceding the sample dates will be investigated in the contributiing 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 ≥50% reductions in Ceriodaphnia or Pimephales survival or Selenastrum growth compared to control. TIEs are initiated on the first possible day following observance of ≥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 (March 2014).

TABLE 1: SUMMARY OF EXCEEDANCES

											Follow-up Evaluations						
Exceedance Category	**Sub-watershed**	**Site ID**	**Site**	**Replicate**	**Sample Date**	**Analyte**	**Units**	**Result**	**Trigger Limits[1]**	**Existing Mgt Plan?**	**Evaluate Relevant Site Conditions**	**Follow up-Chemistry Analysis**	**Toxicity Identification Evaluation**	**Serial Dilution**	**Review Chemistry and/or Pesticide Applications**	**Compare to Toxicity Results**
Field Measures	SacramentoAmador	GIDLR	Grand Island Drain near Leary Roa	1	12/11/2012	Conductivity	µS/cm	759	900[(3)], 700[(4)]	X	X	-	-	-	-	-
Field Measures	SacramentoAmador	GIDLR	Grand Island Drain near Leary Roa	1	12/11/2012	Discharge	CFS	0	NA	-	-	-	-	-	-	-
Field Measures	Solano	UCBRD	Ulatis Creek at Brown Road	1	12/11/2012	Conductivity	µS/cm	1054	900[(3)], 700[(4)]	X	X	-	-	-	-	-
Field Measures	Solano	UCBRD	Ulatis Creek at Brown Road	1	12/11/2012	Discharge	CFS	51.98	NA	-	-	-	-	-	-	-
Toxicity Results	*No toxicity was observed this event*															
Chemical Results	ColusaGlenn	FRSHC	Freshwater Creek at Gibson Rd	1	12/12/2013	*E. coli*	MPN/100mL	240	235	X	X	-	-	-	-	-
Chemical Results	SacramentoAmador	CRTWN	Cosumnes River at Twin Cities Rd	1	12/11/2013	*E. coli*	MPN/100mL	420	235	X	X	-	-	-	-	-
Chemical Results	ShastaTehama	ACACR	Anderson Creek at Ash Creek Road	1	12/13/2013	*E. coli*	MPN/100mL	250	235	X	X	-	-	-	-	-

Table Notes:

1 Water Quality Objective or Narrative Interpretation Limits for ILRP.

2 Water Quality Objective Basis: *BP* = Central Valley Basin Plan; *BPA* = Basin Plan Amendment; CTR = California Toxics Rule; Narrative = unadopted limits used to interpret Basin Plan narrative objectives by the Central Valley Regional Board.

3 California recommended 2° MCL