

Sacramento River Watershed Program

Field Sampling Event 59:

Field Log

February 2007



PACIFIC ECORISK
ENVIRONMENTAL CONSULTING & TESTING

Event 059 Samples Collected by PER North

Sacramento River below Keswick					SRBKR
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 059-SRBKR-WE1	OP pesticides (EPA625m)	Environmental	2		CRG
<input checked="" type="checkbox"/> 059-SRBKR-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRBKR-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRBKR samples ▲					
Churn Creek at Knighton Road					CHKNT
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 059-CHKNT-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-CHKNT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-CHKNT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-CHKNT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-CHKNT-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-CHKNT-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-CHKNT-WE1	TOC	Environmental	3		Caltest
<input checked="" type="checkbox"/> 059-CHKNT-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-CHKNT-WE1	OPs, & pyrethroids (EPA625m)	Environmental	2		CRG
<input checked="" type="checkbox"/> 059-CHKNT-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-CHKNT-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ CHKNT samples ▲					
Sacramento River above Bend Bridge					SRABB
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 059-SRABB-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRABB-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRABB-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRABB-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRABB-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRABB-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRABB-WE1	TOC	Environmental	3		Caltest
<input checked="" type="checkbox"/> 059-SRABB-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRABB-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRABB-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRABB samples ▲					

Event 059 Samples Collected by PER North

Sacramento River near Hamilton City					SRHAM
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
059-SRHAM-WE1	Total Hg, filtered	Environmental	1		Caltest
059-SRHAM-WE1	Total Hg, unfiltered	Environmental	1		Caltest
059-SRHAM-WE1	Methyl Hg, filtered	Environmental	1		Caltest
059-SRHAM-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
059-SRHAM-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
059-SRHAM-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
059-SRHAM-WE1	TOC	Environmental	3		Caltest
059-SRHAM-WE1	DOC and UVA254	Environmental	1		Caltest
059-SRHAM-WE1	OPs, & pyrethroids (EPA625m)	Environmental	2		CRG
059-SRHAM-WE1	E. coli	Environmental	1		Caltest
059-SRHAM-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRHAM samples ▲					

Sacramento River at Colusa					SRCOL
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
059-SRCOL-WE1	Total Hg, filtered	Environmental	1		Caltest
059-SRCOL-WE1	Total Hg, unfiltered	Environmental	1		Caltest
059-SRCOL-WE1	Methyl Hg, filtered	Environmental	1		Caltest
059-SRCOL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
059-SRCOL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
059-SRCOL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
059-SRCOL-WE1	TOC	Environmental	3		Caltest
059-SRCOL-WE1	DOC and UVA254	Environmental	1		Caltest
059-SRCOL-WE1	OPs, & pyrethroids (EPA625m)	Environmental	2		CRG
059-SRCOL-WE1	E. coli	Environmental	1		Caltest
059-SRCOL-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRCOL samples ▲					

Yuba River at Marysville					YRMRY
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
059-YRMRY-WE1	Total Hg, filtered	Environmental	1		Caltest
059-YRMRY-WE2	Total Hg, filtered	Environmental	1	Field Duplicate	Caltest
059-YRMRY-WE1	Total Hg, unfiltered	Environmental	1		Caltest
059-YRMRY-WE1	Methyl Hg, filtered	Environmental	1		Caltest
059-YRMRY-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
059-YRMRY-WE2	Methyl Hg, unfiltered	Environmental	1	Field Duplicate	Caltest
059-YRMRY-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
059-YRMRY-WE2	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	Field Duplicate	Caltest
059-YRMRY-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
059-YRMRY-WE2	NO3+NO2, TKN and Total P	Environmental	1	Field Duplicate	Caltest
059-YRMRY-WE1	TOC	Environmental	3		Caltest
059-YRMRY-WE1	DOC and UVA254	Environmental	1		Caltest
059-YRMRY-WE2	DOC and UVA254	Environmental	1	Field Duplicate	Caltest
059-YRMRY-WE1	OPs, & pyrethroids (EPA625m)	Environmental	6	MS/MSD	CRG
059-YRMRY-WE2	OPs, & pyrethroids (EPA625m)	Environmental	2	Field Duplicate	CRG
059-YRMRY-WE1	E. coli	Environmental	1		Caltest
059-YRMRY-WE1	Aquatic toxicity, 3 species	Environmental	2	Lab Duplicate	PER
▲ YRMRY samples ▲					

Event 059 Samples Collected by PER North

Colusa Basin Drain above KL					COLDR
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
059-COLDR-WE1	Total Hg, filtered	Environmental	1		Caltest
059-COLDR-WE1	Total Hg, unfiltered	Environmental	1		Caltest
059-COLDR-WE1	Methyl Hg, filtered	Environmental	1		Caltest
059-COLDR-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
059-COLDR-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
059-COLDR-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
059-COLDR-WE1	TOC	Environmental	3		Caltest
059-COLDR-WE1	DOC and UVA254	Environmental	1		Caltest
059-COLDR-WE1	OPs, & pyrethroids (EPA625m)	Environmental	2		CRG
059-COLDR-WE1	E. coli	Environmental	1		Caltest
059-COLDR-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ COLDR samples ▲					

Feather River near Nicolaus					FRNIC
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
059-FRNIC-WE1	Total Hg, filtered	Environmental	1		Caltest
059-FRNIC-WE1	Total Hg, unfiltered	Environmental	1		Caltest
059-FRNIC-WE1	Methyl Hg, filtered	Environmental	1		Caltest
059-FRNIC-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
059-FRNIC-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
059-FRNIC-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
059-FRNIC-WE1	TOC	Environmental	3		Caltest
059-FRNIC-WE1	DOC and UVA254	Environmental	1		Caltest
059-FRNIC-WE1	OPs, & pyrethroids (EPA625m)	Environmental	2		CRG
059-FRNIC-WE1	E. coli	Environmental	1		Caltest
059-FRNIC-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ FRNIC samples ▲					

Sacramento Slough					SACSL
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
059-SACSL-WB1	Total Hg, unfiltered	Field Blank	1	Field Blank	Caltest
059-SACSL-WB1	Methyl Hg, unfiltered	Field Blank	1	Field Blank	Caltest
059-SACSL-WB1	Dissolved Ortho-Phosphate	Field Blank	1	Field Blank	Caltest
059-SACSL-WB1	NO3+NO2, TKN and Total P	Field Blank	1	Field Blank	Caltest
059-SACSL-WB1	DOC	Field Blank	1	Field Blank	Caltest
059-SACSL-WB1	OPs, & pyrethroids (EPA625m)	Field Blank	2	Field Blank	CRG
059-SACSL-WB1	E. coli	Field Blank	1	Field Blank	Caltest
059-SACSL-WE1	Total Hg, filtered	Environmental	1		Caltest
059-SACSL-WE1	Total Hg, unfiltered	Environmental	1		Caltest
059-SACSL-WE1	Methyl Hg, filtered	Environmental	1		Caltest
059-SACSL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
059-SACSL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
059-SACSL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
059-SACSL-WE1	TOC	Environmental	3		Caltest
059-SACSL-WE1	DOC and UVA254	Environmental	1		Caltest
059-SACSL-WE1	OPs, & pyrethroids (EPA625m)	Environmental	2		CRG
059-SACSL-WE1	E. coli	Environmental	1		Caltest
059-SACSL-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SACSL samples ▲					

Event 059 Samples Collected by PER North

Sacramento River at Veterans Bridge					SRVET
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 059-SRVET-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRVET-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRVET-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRVET-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRVET-WE1	Sulfate, TSS	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRVET-WE1	OPs, & pyrethroids (EPA625m)	Environmental	2		CRG
<input checked="" type="checkbox"/> 059-SRVET-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRVET samples ▲					

American River at Discovery Park					ARDPK
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 059-ARDPK-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-ARDPK-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-ARDPK-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-ARDPK-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-ARDPK-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ ARDPK samples ▲					

Sacramento River at River Mile 44					SRRMF
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 059-SRRMF-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRRMF-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRRMF-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRRMF-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 059-SRRMF-WE1	Sulfate, TSS	Environmental	1		Caltest
▲ SRRMF samples ▲					

Event 059 Samples Collected by PER North

Sacramento River at Freeport					SRFPT
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
059-SRFPT-WE1	Total Hg, filtered	Environmental	1		Caltest
059-SRFPT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
059-SRFPT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
059-SRFPT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
059-SRFPT-WE1	Sulfate, TSS	Environmental	1		Caltest
059-SRFPT-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRFPT samples ▲					

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento River below Keswick

Reference: 40.6011167 GPS Readings: 40.6012
 Latitude: -122.443333 Longitude: -122.44602
 Personnel: Lance Haines, Quang Do Date: 2-8-07 Arrival Time: 11:10

Field Measured Data

Time (PST) 11:30 Temp (°C) 9.81 pH 7.67 D. O. (mg/L) 12.1 EC (µS/cm) 133
☐ Stage (ft), or ☐ Midchannel Depth (ft) N/A

Flow Data

Flow and Depth recordings

Wet channel width (ft): 100

(Handwritten: N/A)

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-SRBKR-WE1	PEST10	Amber Glass, 1 L [2] none	1.5	
059-SRBKR-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
059-SRBKR-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	1.5	

Time at Completion of Sampling: 12:00

Sampling Crew: PER North

Additional Notes or Comments: Light rain

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: Churn Creek at Knighton Road

Latitude: 40.5082 40.50880

Longitude: -122.3162 -122.31671

Personnel: Quang Do, Lance Haines

Date: 2/8/07 Arrival Time: 12:30

Field Measured Data

Time (PST) 13:00 Temp (°C) 10.7 pH 7.55 D. O. (mg/L) 12.4 EC (µS/cm) 240 ☐ Stage (ft), or ☒ Midchannel Depth (ft) 0.9

Flow Data

Flow and Depth recordings * Start 2ft from R bank 1.5ft interval / Wet channel width (ft): 21.5

1	velocity	Depth	0.4 ft	61.60	velocity	Depth	0.5
2				71.93			1.2
3				8			
4				9			
5	1.47		1.0 ft	10			

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-CHKNT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	1.5	
059-CHKNT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1.5	
059-CHKNT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	1.5	
059-CHKNT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1.5	
059-CHKNT-WE1	CONV15	Polyethylene, 2 L [1] none	1.5	
059-CHKNT-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	1.5	
059-CHKNT-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
059-CHKNT-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
059-CHKNT-WE1	PEST17	Amber Glass, 1 L [2] none	1.5	
059-CHKNT-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
059-CHKNT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	1.5	

Time at Completion of Sampling: 13:25

Sampling Crew: PER North

Additional Notes or Comments:

* Midchannel not the deepest part of creek
 * Due to flow meter malfunction no flow rates were recorded. only 3 locations @ mid channel were recorded for flow rates.
 * Rainy conditions

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: Sacramento River above Bend Bridge

Latitude: 40.2886167 40-26663

Longitude: -122.18555 -122-22032

Personnel: Quang Do, Lance Haines

Date: 2/8/07

Arrival Time: 1430

Field Measured Data

Time (PST) 15:00 Temp (°C) 9.59 pH 7.69 D. O. (mg/L) 11.93 EC (µS/cm) 136

☐ Stage (ft), or
☒ Midchannel Depth (ft)
5.5

Flow Data

Flow and Depth recordings

Wet channel width (ft): 491

N/A

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-SRABB-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.0	
059-SRABB-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.0	
059-SRABB-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.0	
059-SRABB-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.0	
059-SRABB-WE1	CONV16	Polyethylene, 2 L [1] none	3.0	
059-SRABB-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	3.0	
059-SRABB-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTL
059-SRABB-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTL
059-SRABB-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTL
059-SRABB-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	3.0	

Time at Completion of Sampling: 15:45

Sampling Crew: PER North

Additional Notes or Comments:

Heavy Rain

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: Sacramento River near Hamilton City

Latitude: 39.752

39.79354

Longitude: -121.994

-121.99924

Personnel: Quang Do, Lance Haines

Date: 2/8/07

Arrival Time: 17:00

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS/cm)

☐ Stage (ft), or
☒ Midchannel Depth (ft)

17:15

10.18

7.68

11.65

143

7.5

Flow Data

Flow and Depth recordings

Wet channel width (ft): 550

(Flow and Depth recordings table area with handwritten 'N/A' and a diagonal line across the grid)

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-SRHAM-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.0	
059-SRHAM-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.0	
059-SRHAM-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.0	
059-SRHAM-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.0	
059-SRHAM-WE1	CONV16	Polyethylene, 2 L [1] none	3.0	
059-SRHAM-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	3.0	
059-SRHAM-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
059-SRHAM-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
059-SRHAM-WE1	PEST17	Amber Glass, 1 L [2] none	3.0	
059-SRHAM-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
059-SRHAM-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	3.0	

Time at Completion of Sampling: 17:45

Sampling Crew: PER North

Additional Notes or Comments:

Rain and gusty wind during sampling

39.79354

121.99924



SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: Sacramento River at Colusa

Latitude: 39.2141667

39.21633

Longitude: -121.999167

-121.9122

Personnel: Quang Do, Lance Haines

Date: 2/9/07

Arrival Time: 8:45

Field Measured Data

Time (PST)

9:15

Temp (°C)

11.47

pH

7.71

D. O. (mg/L)

11.67

EC (µS/cm)

156

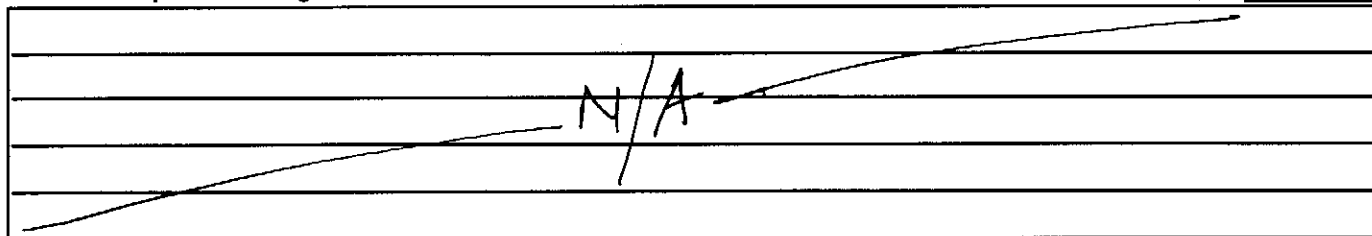
☒ Stage (ft), or
☐ Midchannel Depth (ft)

below marking

Flow Data

Flow and Depth recordings

Wet channel width (ft): 290



Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-SRCOL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	1	
059-SRCOL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1	
059-SRCOL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	1	
059-SRCOL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1	
059-SRCOL-WE1	CONV16	Polyethylene, 2 L [1] none	1	
059-SRCOL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	1	
059-SRCOL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
059-SRCOL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
059-SRCOL-WE1	PEST17	Amber Glass, 1 L [2] none	1	
059-SRCOL-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
059-SRCOL-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	1	

Time at Completion of Sampling: _____

Sampling Crew: PER North

Additional Notes or Comments:

launch channel is dry. Sampling is done from shore

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: Yuba River at Marysville

Latitude: 39.144445

39.14216

Longitude: -121.576388

-121.57616

Personnel: Lana Haines, Quang Do

Date: 2/9/07

Arrival Time: 10:20

Field Measured Data

Time (PST)

10:45

Temp (°C)

10.73

pH

7.50

D. O. (mg/L)

11.84

EC (µS/cm)

93

☒ Stage (ft), or
☐ Midchannel Depth (ft)

Below Marker

Flow Data

Flow and Depth recordings

Wet channel width (ft): 170

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-YRMRY-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.0	
059-YRMRY-WE2	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.0	Field Duplicate
059-YRMRY-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.0	
059-YRMRY-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.0	
059-YRMRY-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.0	
059-YRMRY-WE2	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.0	Field Duplicate
059-YRMRY-WE1	CONV15	Polyethylene, 2 L [1] none	3.0	
059-YRMRY-WE2	CONV15	Polyethylene, 2 L [1] none	3.0	Field Duplicate
059-YRMRY-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	3.0	
059-YRMRY-WE2	CONV40	Polyethylene, 0.5 L [1] H2SO4	3.0	Field Duplicate
059-YRMRY-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
059-YRMRY-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
059-YRMRY-WE2	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	Field Duplicate DTC
059-YRMRY-WE1	PEST17	Amber Glass, 1 L [6] none	3.0	MS/MSD
059-YRMRY-WE2	PEST17	Amber Glass, 1 L [2] none	3.0	Field Duplicate
059-YRMRY-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
059-YRMRY-WE1	ATOX30	PTFE-lined PE, 5 Gal [2] none	3.0	Lab Duplicate

Time at Completion of Sampling: 11:10

Sampling Crew: PER North

Additional Notes or Comments:

water level is low, Debris in the channel are exposed.
light rain during sampling.

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: Colusa Basin Drain above KL

Latitude: 38.8120667

38-81188

Longitude: -121.774083

121.77413

Personnel: Quang Do, Liana Haines

Date: 2/9/07

Arrival Time: 12:30

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS/cm)

☐ Stage (ft), or
☐ Midchannel Depth (ft)

12:50

12.75

7.86

9.42

615

N/A

Flow Data

Flow and Depth recordings

Wet channel width (ft): 150

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-COLDR-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>2.0</u>	
059-COLDR-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>2.0</u>	
059-COLDR-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>2.0</u>	
059-COLDR-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>2.0</u>	
059-COLDR-WE1	CONV15	Polyethylene, 2 L [1] none	<u>2.0</u>	
059-COLDR-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	<u>2.0</u>	
059-COLDR-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	<u>0.05</u>	<u>DTC</u>
059-COLDR-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	<u>0.05</u>	<u>DTC</u>
059-COLDR-WE1	PEST17	Amber Glass, 1 L [2] none	<u>2.0</u>	
059-COLDR-WE1	BACT10	Polyethylene, 125 mL [1] none	<u>0.05</u>	<u>DTC</u>
059-COLDR-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>2.0</u>	

Time at Completion of Sampling: 13:05

Sampling Crew: PER North

Additional Notes or Comments:

gusty wind and rain during sampling

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: Sacramento River at River Mile 44

Latitude: 38.43467

38.43498

Longitude: -121.519167

-121.51827

Personnel: Quang Do, Lance Haines

Date: 2/2/07

Arrival Time: 14:46

Field Measured Data

Time (PST)

15:00

Temp (°C)

10.89

7.35
15.1 pH 3.5
7.42

D. O. (mg/L)

10.77

EC (µS/cm)

200

☐ Stage (ft), or
☒ Midchannel Depth (ft)

26.6

Flow Data

Flow and Depth recordings

Wet channel width (ft): 500

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-SRRMF-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>3.5</u>	
059-SRRMF-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>3.5</u>	
059-SRRMF-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>3.5</u>	
059-SRRMF-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>3.5</u>	
059-SRRMF-WE1	CONV14	Polyethylene, 500 mL [1] none	<u>3.5</u>	

Time at Completion of Sampling: 15:15

Sampling Crew: PER North

Additional Notes or Comments:

No good fish would be very much appreciated!

**Due to strong current unable to sample middepth.*

- Observation of water discharge near sampling site.

- Rain during sampling

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference

GPS Readings

Site: Sacramento River at Freeport

Latitude: 38.45815

38.46112

Longitude: -121.502633

121.50341

Personnel: Quang Do, Lance Haines

Date: 2/9/07

Arrival Time: 15:20

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS/cm)

☐ Stage (ft), or
☒ Midchannel Depth (ft)

15:30

10.71

7.63

10.9

187

34.5

Flow Data

Flow and Depth recordings

Wet channel width (ft): 500

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-SRFPT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>3.5</u>	
059-SRFPT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>3.5</u>	
059-SRFPT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>3.5</u>	
059-SRFPT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>3.5</u>	
059-SRFPT-WE1	CONV14	Polyethylene, 500 mL [1] none	<u>3.5</u>	
059-SRFPT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>3.5</u>	

Time at Completion of Sampling: 15:45

Sampling Crew: PER North

Additional Notes or Comments:

Need H₂O proof pump!

* Unable to sample (2) middepth due to strong current.

Rain during sampling

[Handwritten scribbles and signatures at bottom left]

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: American River at Discovery Park

Latitude: 38.60195 38.60183

Longitude: -121.501117 -121.50107

Personnel: Aranya Do, Lance Haines

Date: 2/14/07

Arrival Time: 7:15

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS/cm)

☐ Stage (ft), or
☒ Midchannel Depth (ft)

7:30

9.55

6.92

12.12

56

8.3

Flow Data

Flow and Depth recordings

Wet channel width (ft): 400

N/A

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-ARDPK-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>3.0</u>	
059-ARDPK-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>3.0</u>	
059-ARDPK-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>3.0</u>	
059-ARDPK-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>3.0</u>	
059-ARDPK-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>3.0</u>	

Time at Completion of Sampling: 8:00

Sampling Crew: PER North

Additional Notes or Comments:

Light rain during sampling

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: Sacramento River at Veterans Bridge

Latitude: 38.6746833

38.67504

Longitude: -121.627517

121.62848

Personnel: Quang Do, Lance Haines

Date: 2/10/07

Arrival Time: 9:00

Field Measured Data

Time (PST)

9:30

Temp (°C)

11.1

pH

7.54

D. O. (mg/L)

10.9

EC (µS/cm)

196

☐ Stage (ft), or
☒ Midchannel Depth (ft)

12.6

Flow Data

Flow and Depth recordings

Wet channel width (ft): 500

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-SRVET-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3	
059-SRVET-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3	
059-SRVET-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	3	
059-SRVET-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3	
059-SRVET-WE1	CONV14	Polyethylene, 500 mL [1] none	3	
059-SRVET-WE1	PEST17	Amber Glass, 1 L [2] none	3	
059-SRVET-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	3	

Time at Completion of Sampling: 9:45

Sampling Crew: PER North

Additional Notes or Comments:

Strong wind and current. Unable to sample at middepth.

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: Feather River near Nicolaus

Latitude: 38.903

38.79171

Longitude: -121.586167

-121.62830

Personnel: Lana Haines, Quang Do

Date: 2-10-07

Arrival Time: 10:30

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS/cm)

☐ Stage (ft), or
☒ Midchannel Depth (ft)

11:00

10.85

7.22

11.7

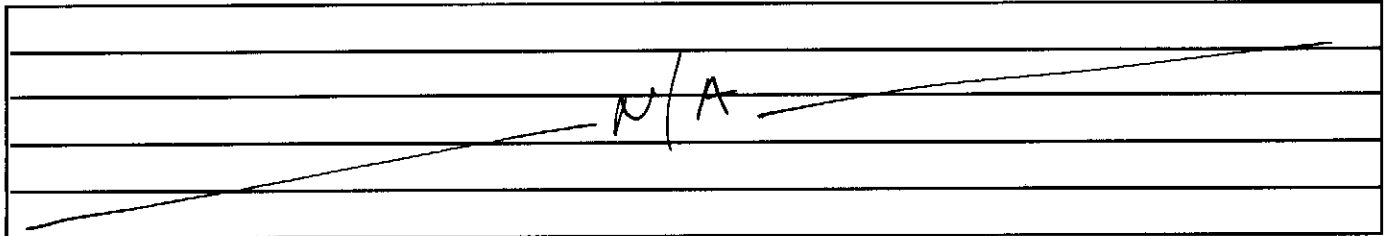
98

5.6

Flow Data

Flow and Depth recordings

Wet channel width (ft): 450



Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-FRNIC-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
059-FRNIC-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
059-FRNIC-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
059-FRNIC-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
059-FRNIC-WE1	CONV15	Polyethylene, 2 L [1] none	2.5	
059-FRNIC-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.5	
059-FRNIC-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	DTC ^{0.5}	
059-FRNIC-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	DTC ^{0.5}	
059-FRNIC-WE1	PEST17	Amber Glass, 1 L [2] none	2.5	
059-FRNIC-WE1	BACT10	Polyethylene, 125 mL [1] none	0.5	DTC
059-FRNIC-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.5	

Time at Completion of Sampling: 10:50

Sampling Crew: PER North

Additional Notes or Comments:

Light rain during sampling.
Strong flow on the left side of channel

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: Sacramento Slough

Latitude: 38.7833333 38.78369

Longitude: -121.63375 -121.63398

Personnel: Quang Do, Lance Haines

Date: 2/10/07 Arrival Time: 11:15

Field Measured Data

Time (PST) Temp (°C) pH D. O. (mg/L) EC (µS/cm) ☐ Stage (ft), or ☒ Midchannel Depth (ft)

11:30 12-35 7.68 9.6 414 31.0

Flow Data *first measurement is 30' from the left bank; ~2' between measurement.*

Flow and Depth recordings

Wet channel width (ft): 120

①	Depth	velocity	⑥	Depth	velocity	⑪	Depth	velocity	⑯	Depth	velocity
②	7.7	1.3	⑦	17.8	1.0	⑫	14.5	1.1	⑰	20.7	1.6
③	7.8	1.2	⑧	11.6	0.9	⑬	19.8	0.9	⑱	16.3	1.5
④	8.0	0.9	⑨	11.9	1.0	⑭	25.5	1.2	⑲	12.6	1.8
⑤	8.6	1.1	⑩	10.9	1.1	⑮	23.0	1.0	⑲	11.3	1.9
⑤	9.0	1.0	⑩	11.5	1.3	⑮	24.2	1.2	⑲	9.0	1.9

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Container Type [#/sample] preservative	Sample Depth (ft)	NOTES
059-SACSL-WB1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	N/A	Field Blank
059-SACSL-WB1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	N/A	Field Blank
059-SACSL-WB1	CONV12	Polyethylene, 500 mL [1] none	N/A	Field Blank
059-SACSL-WB1	CONV40	Polyethylene, 0.5 L [1] H2SO4	N/A	Field Blank
059-SACSL-WB1	CONV21	Amber glass, PTFE lined cap, 125 mL [1] none	N/A	Field Blank
059-SACSL-WB1	PEST17	Amber Glass, 1 L [2] none	N/A	Field Blank
059-SACSL-WB1	BACT10	Polyethylene, 125 mL [1] none	N/A	Field Blank
059-SACSL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.5	
059-SACSL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.5	
059-SACSL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.5	
059-SACSL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.5	
059-SACSL-WE1	CONV15	Polyethylene, 2 L [1] none	3.5	
059-SACSL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	3.5	
059-SACSL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
059-SACSL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
059-SACSL-WE1	PEST17	Amber Glass, 1 L [2] none	3.5	
059-SACSL-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
059-SACSL-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	3.5	

Time at Completion of Sampling: 12:30

Sampling Crew: PER North

Additional Notes or Comments:

*light rain during sampling
current prevents sampling at mid depth*

Samples Collected by PER North

Page 1

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	Bottles #	QA Info
059-SRCOL-WE1	Sacramento River at Colusa	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
059-SRCOL-WE1	Sacramento River at Colusa	CONV22: TOC	Environmental	3	
059-SRCOL-WE1	Sacramento River at Colusa	CONV23: DOC and UVA254	Environmental	1	
059-SRCOL-WE1	Sacramento River at Colusa	BACT10: E. coli	Environmental	1	
059-YRMR-WE1	Yuba River at Marysville	HGTF11: Total Hg, filtered	Environmental	1	
059-YRMR-WE2	Yuba River at Marysville	HGTF11: Total Hg, filtered	Environmental	1	Field Duplicate
059-YRMR-WE1	Yuba River at Marysville	HGTU12: Total Hg, unfiltered	Environmental	1	
059-YRMR-WE1	Yuba River at Marysville	HGMF11: Methyl Hg, filtered	Environmental	1	
059-YRMR-WE1	Yuba River at Marysville	HGMU12: Methyl Hg, unfiltered	Environmental	1	
059-YRMR-WE2	Yuba River at Marysville	HGMU12: Methyl Hg, unfiltered	Environmental	1	Field Duplicate
059-YRMR-WE1	Yuba River at Marysville	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
059-YRMR-WE2	Yuba River at Marysville	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	Field Duplicate
059-YRMR-WE1	Yuba River at Marysville	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
059-YRMR-WE2	Yuba River at Marysville	CONV40: NO3+NO2, TKN and Total P	Environmental	1	Field Duplicate
059-YRMR-WE1	Yuba River at Marysville	CONV22: TOC	Environmental	3	
059-YRMR-WE1	Yuba River at Marysville	CONV23: DOC and UVA254	Environmental	1	
059-YRMR-WE2	Yuba River at Marysville	CONV23: DOC and UVA254	Environmental	1	Field Duplicate
059-YRMR-WE1	Yuba River at Marysville	BACT10: E. coli	Environmental	1	
059-COLDR-WE1	Colusa Basin Drain above KL	HGTF11: Total Hg, filtered	Environmental	1	
059-COLDR-WE1	Colusa Basin Drain above KL	HGTU12: Total Hg, unfiltered	Environmental	1	
059-COLDR-WE1	Colusa Basin Drain above KL	HGMF11: Methyl Hg, filtered	Environmental	1	
059-COLDR-WE1	Colusa Basin Drain above KL	HGMU12: Methyl Hg, unfiltered	Environmental	1	
059-COLDR-WE1	Colusa Basin Drain above KL	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
059-COLDR-WE1	Colusa Basin Drain above KL	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
059-COLDR-WE1	Colusa Basin Drain above KL	CONV22: TOC	Environmental	3	
059-COLDR-WE1	Colusa Basin Drain above KL	CONV23: DOC and UVA254	Environmental	1	
059-COLDR-WE1	Colusa Basin Drain above KL	BACT10: E. coli	Environmental	1	
059-FRNIC-WE1	Feather River near Nicolaus	HGTF11: Total Hg, filtered	Environmental	1	
059-FRNIC-WE1	Feather River near Nicolaus	HGTU12: Total Hg, unfiltered	Environmental	1	
059-FRNIC-WE1	Feather River near Nicolaus	HGMF11: Methyl Hg, filtered	Environmental	1	
059-FRNIC-WE1	Feather River near Nicolaus	HGMU12: Methyl Hg, unfiltered	Environmental	1	
059-FRNIC-WE1	Feather River near Nicolaus	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
059-FRNIC-WE1	Feather River near Nicolaus	CONV40: NO3+NO2, TKN and Total P	Environmental	1	

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	Bottles #	QA Info
059-FRNIC-WE1	Feather River near Nicolaus	CONV22: TOC	Environmental	3	
059-FRNIC-WE1	Feather River near Nicolaus	CONV23: DOC and UVA254	Environmental	1	
059-FRNIC-WE1	Feather River near Nicolaus	BACT10: E. coli	Environmental	1	
059-SACSL-WB1	Sacramento Slough	HGTU12: Total Hg, unfiltered	Field Blank	1	Field Blank
059-SACSL-WB1	Sacramento Slough	HGMU12: Methyl Hg, unfiltered	Field Blank	1	Field Blank
059-SACSL-WB1	Sacramento Slough	CONV12: Dissolved Ortho-Phosphate	Field Blank	1	Field Blank
059-SACSL-WB1	Sacramento Slough	CONV40: NO3+NO2, TKN and Total P	Field Blank	1	Field Blank
059-SACSL-WB1	Sacramento Slough	CONV21: DOC	Field Blank	1	Field Blank
059-SACSL-WB1	Sacramento Slough	BACT10: E. coli	Field Blank	1	Field Blank
059-SACSL-WE1	Sacramento Slough	HGTF11: Total Hg, filtered	Environmental	1	
059-SACSL-WE1	Sacramento Slough	HGTU12: Total Hg, unfiltered	Environmental	1	
059-SACSL-WE1	Sacramento Slough	HGMF11: Methyl Hg, filtered	Environmental	1	
059-SACSL-WE1	Sacramento Slough	HGMU12: Methyl Hg, unfiltered	Environmental	1	
059-SACSL-WE1	Sacramento Slough	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
059-SACSL-WE1	Sacramento Slough	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
059-SACSL-WE1	Sacramento Slough	CONV22: TOC	Environmental	3	
059-SACSL-WE1	Sacramento Slough	CONV23: DOC and UVA254	Environmental	1	
059-SACSL-WE1	Sacramento Slough	BACT10: E. coli	Environmental	1	
059-SRVET-WE1	Sacramento River at Veterans Bridge	HGTF11: Total Hg, filtered	Environmental	1	
059-SRVET-WE1	Sacramento River at Veterans Bridge	HGTU12: Total Hg, unfiltered	Environmental	1	
059-SRVET-WE1	Sacramento River at Veterans Bridge	HGMF11: Methyl Hg, filtered	Environmental	1	
059-SRVET-WE1	Sacramento River at Veterans Bridge	HGMU12: Methyl Hg, unfiltered	Environmental	1	
059-SRVET-WE1	Sacramento River at Veterans Bridge	CONV14: Sulfate, TSS	Environmental	1	
059-ARDPK-WE1	American River at Discovery Park	HGTF11: Total Hg, filtered	Environmental	1	
059-ARDPK-WE1	American River at Discovery Park	HGTU12: Total Hg, unfiltered	Environmental	1	
059-ARDPK-WE1	American River at Discovery Park	HGMF11: Methyl Hg, filtered	Environmental	1	
059-ARDPK-WE1	American River at Discovery Park	HGMU12: Methyl Hg, unfiltered	Environmental	1	
059-SRRMF-WE1	Sacramento River at River Mile 44	HGTF11: Total Hg, filtered	Environmental	1	
059-SRRMF-WE1	Sacramento River at River Mile 44	HGTU12: Total Hg, unfiltered	Environmental	1	
059-SRRMF-WE1	Sacramento River at River Mile 44	HGMF11: Methyl Hg, filtered	Environmental	1	
059-SRRMF-WE1	Sacramento River at River Mile 44	HGMU12: Methyl Hg, unfiltered	Environmental	1	
059-SRRMF-WE1	Sacramento River at River Mile 44	CONV14: Sulfate, TSS	Environmental	1	
059-SRFPT-WE1	Sacramento River at Freeport	HGTF11: Total Hg, filtered	Environmental	1	

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	Bottles #	QA Info
<input checked="" type="checkbox"/> 059-SRFPT-WE1	Sacramento River at Freeport	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 059-SRFPT-WE1	Sacramento River at Freeport	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 059-SRFPT-WE1	Sacramento River at Freeport	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 059-SRFPT-WE1	Sacramento River at Freeport	CONV14: Sulfate, TSS	Environmental	1	

COC Analysis Notes for Caltest:

Samples Analyzed by CRG

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	Bottles #	QA Info
059-SRBKR-WE1	Sacramento River below Keswick	PEST10: OP pesticides (EPA625m)	Environmental	2	
059-CHKNT-WE1	Chum Creek at Knighton Road	PEST17: OPs, & pyrethroids (EPA625m)	Environmental	2	
059-SRHAM-WE1	Sacramento River near Hamilton City	PEST17: OPs, & pyrethroids (EPA625m)	Environmental	2	
059-SRCOL-WE1	Sacramento River at Colusa	PEST17: OPs, & pyrethroids (EPA625m)	Environmental	2	
059-YRMRY-WE1	Yuba River at Marysville	PEST17: OPs, & pyrethroids (EPA625m)	Environmental	6	MSMSD
059-YRMRY-WE2	Yuba River at Marysville	PEST17: OPs, & pyrethroids (EPA625m)	Environmental	2	Field Duplicate
059-COLDR-WE1	Colusa Basin Drain above KL	PEST17: OPs, & pyrethroids (EPA625m)	Environmental	2	
059-FRNIC-WE1	Feather River near Nicolaus	PEST17: OPs, & pyrethroids (EPA625m)	Environmental	2	
059-SACSL-WB1	Sacramento Slough	PEST17: OPs, & pyrethroids (EPA625m)	Field Blank	2	Field Blank
059-SACSL-WE1	Sacramento Slough	PEST17: OPs, & pyrethroids (EPA625m)	Environmental	2	
059-SRVET-WE1	Sacramento River at Veterans Bridge	PEST17: OPs, & pyrethroids (EPA625m)	Environmental	2	

COC Analysis Notes for CRG:

Samples Analyzed by PER

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	# Bottles	QA Info
059-SRBKR-WE1	Sacramento River below Keswick	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
059-CHKNT-WE1	Churn Creek at Knighton Road	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
059-SRABB-WE1	Sacramento River above Bend Bridge	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
059-SRHAM-WE1	Sacramento River near Hamilton City	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
059-SRCOL-WE1	Sacramento River at Colusa	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
059-YRMRY-WE1	Yuba River at Marysville	ATOX30: Aquatic toxicity, 3 species	Environmental	2	Lab Duplicate
059-COLDR-WE1	Colusa Basin Drain above KL	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
059-FRNIC-WE1	Feather River near Nicolaus	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
059-SACSL-WE1	Sacramento Slough	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
059-SRVET-WE1	Sacramento River at Veterans Bridge	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
059-ARDPK-WE1	American River at Discovery Park	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
059-SRFPT-WE1	Sacramento River at Freeport	ATOX30: Aquatic toxicity, 3 species	Environmental	1	

COC Analysis Notes for PER: