

# Sacramento River Watershed Program

## Field Sampling Event 58:

## Field Log

## December 2006



**PACIFIC ECORISK**  
ENVIRONMENTAL CONSULTING & TESTING

## Event 058 Samples Collected by PER North

Sacramento River below Keswick					SRBKR
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
058-SRBKR-WE1	OP pesticides (EPA625m)	Environmental	1		CRG
058-SRBKR-WE1	E. coli	Environmental	1		Caltest
058-SRBKR-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRBKR samples ▲					

Churn Creek at Knighton Road					CHKNT
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
058-CHKNT-WE1	Total Hg, filtered	Environmental	1		Caltest
058-CHKNT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
058-CHKNT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
058-CHKNT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
058-CHKNT-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
058-CHKNT-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
058-CHKNT-WE1	TOC	Environmental	1		Caltest
058-CHKNT-WE1	DOC and UVA254	Environmental	1		Caltest
058-CHKNT-WE1	OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental	1		CRG
058-CHKNT-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	1		APPL
058-CHKNT-WE1	E. coli	Environmental	1		Caltest
058-CHKNT-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ CHKNT samples ▲					

Sacramento River above Bend Bridge					SRABB
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
058-SRABB-WE1	Total Hg, filtered	Environmental	1		Caltest
058-SRABB-WE1	Total Hg, unfiltered	Environmental	1		Caltest
058-SRABB-WE1	Methyl Hg, filtered	Environmental	1		Caltest
058-SRABB-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
058-SRABB-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
058-SRABB-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
058-SRABB-WE1	TOC	Environmental	1		Caltest
058-SRABB-WE1	DOC and UVA254	Environmental	1		Caltest
058-SRABB-WE1	E. coli	Environmental	1		Caltest
058-SRABB-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRABB samples ▲					

## Event 058 Samples Collected by PER North

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

▲ SRHAM samples ▲

Sacramento River at Colusa					SRCOL
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
058-SRCOL-WE1	Total Hg, filtered	Environmental	1		Caltest
058-SRCOL-WE2	Total Hg, filtered	Environmental	2	Field Duplicate	Caltest
058-SRCOL-WE1	Total Hg, unfiltered	Environmental	1		Caltest
058-SRCOL-WE1	Methyl Hg, filtered	Environmental	1		Caltest
058-SRCOL-WE2	Methyl Hg, filtered	Environmental	2	Field Duplicate	Caltest
058-SRCOL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
058-SRCOL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
058-SRCOL-WE2	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	2	Field Duplicate	Caltest
058-SRCOL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
058-SRCOL-WE2	NO3+NO2, TKN and Total P	Environmental	2	Field Duplicate	Caltest
058-SRCOL-WE1	TOC	Environmental	1		Caltest
058-SRCOL-WE1	DOC and UVA254	Environmental	1		Caltest
058-SRCOL-WE2	DOC and UVA254	Environmental	2	Field Duplicate	Caltest
058-SRCOL-WE1	OPs, & pyrethroids (EPA625m)	Environmental	1	MS/MSD	CRG
058-SRCOL-WE2	OPs, & pyrethroids (EPA625m)	Environmental	2	Field Duplicate	CRG
058-SRCOL-WE1	E. coli	Environmental	1		Caltest
058-SRCOL-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ SRCOL samples ▲

Yuba River at Marysville					YRMRY
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
058-YRMRY-WE1	Total Hg, filtered	Environmental	1		Caltest
058-YRMRY-WE1	Total Hg, unfiltered	Environmental	1		Caltest
058-YRMRY-WE1	Methyl Hg, filtered	Environmental	1		Caltest
058-YRMRY-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
058-YRMRY-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
058-YRMRY-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
058-YRMRY-WE1	TOC	Environmental	1		Caltest
058-YRMRY-WE1	DOC and UVA254	Environmental	1		Caltest
058-YRMRY-WE1	OPs, & pyrethroids (EPA625m)	Environmental	1		CRG
058-YRMRY-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	1		APPL
058-YRMRY-WE1	E. coli	Environmental	1		Caltest
058-YRMRY-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ YRMRY samples ▲

## Event 058 Samples Collected by PER North

Colusa Basin Drain above KL						COLDR
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab	
058-COLDR-WB1	Total Hg, unfiltered	Field Blank	1	Field Blank	Caltest	
058-COLDR-WB1	Methyl Hg, unfiltered	Field Blank	1	Field Blank	Caltest	
058-COLDR-WB1	Dissolved Ortho-Phosphate	Field Blank	1	Field Blank	Caltest	
058-COLDR-WB1	NO3+NO2, TKN and Total P	Field Blank	1	Field Blank	Caltest	
058-COLDR-WB1	DOC	Field Blank	1	Field Blank	Caltest	
058-COLDR-WB1	OPs, pyrethroids, & OCs (EPA625m)	Field Blank	1	Field Blank	CRG	
058-COLDR-WB1	Carbamates, urea pesticides (L-L EPA 632/8321)	Field Blank	1	Field Blank	APPL	
058-COLDR-WB1	E. coli	Field Blank	1	Field Blank	Caltest	
058-COLDR-WE1	Total Hg, filtered	Environmental	1		Caltest	
058-COLDR-WE1	Total Hg, unfiltered	Environmental	1		Caltest	
058-COLDR-WE1	Methyl Hg, filtered	Environmental	1		Caltest	
058-COLDR-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest	
058-COLDR-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest	
058-COLDR-WE1	TOC	Environmental	1		Caltest	
058-COLDR-WE1	DOC and UVA254	Environmental	1		Caltest	
058-COLDR-WE1	OPs, pyrethroids, & OCs (EPA625m)	Environmental	1		CRG	
058-COLDR-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	1		APPL	
058-COLDR-WE1	E. coli	Environmental	1		Caltest	
058-COLDR-WE1	Aquatic toxicity, 3 species	Environmental	1		PER	

▲ COLDR samples ▲

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

▲ FRNIC samples ▲

Sacramento Slough						SACSL
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab	
058-SACSL-WE1	Total Hg, filtered	Environmental	1		Caltest	
058-SACSL-WE1	Total Hg, unfiltered	Environmental	1		Caltest	
058-SACSL-WE1	Methyl Hg, filtered	Environmental	1		Caltest	
058-SACSL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest	
058-SACSL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest	
058-SACSL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest	
058-SACSL-WE1	TOC	Environmental	1		Caltest	
058-SACSL-WE1	DOC and UVA254	Environmental	1		Caltest	
058-SACSL-WE1	OPs, pyrethroids, & OCs (EPA625m)	Environmental	1		CRG	
058-SACSL-WE1	E. coli	Environmental	1		Caltest	
058-SACSL-WE1	Aquatic toxicity, 3 species	Environmental	1		PER	

▲ SACSL samples ▲

## Event 058 Samples Collected by PER North

Sacramento River at Veterans Bridge						SRVET
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab	
<input checked="" type="checkbox"/> 058-SRVET-WE1	Total Hg, filtered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 058-SRVET-WE1	Total Hg, unfiltered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 058-SRVET-WE1	Methyl Hg, filtered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 058-SRVET-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 058-SRVET-WE1	Sulfate, TSS	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 058-SRVET-WE1	OPs, pyrethroids, & triazines (EPA625m)	Environmental	1		CRG	
<input checked="" type="checkbox"/> 058-SRVET-WE1	Aquatic toxicity, 3 species	Environmental	1	Lab Duplicate	PER	
▲ SRVET samples ▲						

American River at Discovery Park						ARDPK
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab	
<input checked="" type="checkbox"/> 058-ARDPK-WE1	Total Hg, filtered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 058-ARDPK-WE1	Total Hg, unfiltered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 058-ARDPK-WE1	Methyl Hg, filtered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 058-ARDPK-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 058-ARDPK-WE1	Aquatic toxicity, 3 species	Environmental	1		PER	
▲ ARDPK samples ▲						

Sacramento River at River Mile 44					SRRMF
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
<input checked="" type="checkbox"/> 058-SRRMF-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 058-SRRMF-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 058-SRRMF-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 058-SRRMF-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 058-SRRMF-WE1	Sulfate, TSS	Environmental	1		Caltest
▲ SRRMF samples ▲					

## Event 058 Samples Collected by PER North

Sacramento River at Freeport					SRFPT
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
<input checked="" type="checkbox"/> 058-SRFPT-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 058-SRFPT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 058-SRFPT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 058-SRFPT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 058-SRFPT-WE1	Sulfate, TSS	Environmental	1		Caltest
<input checked="" type="checkbox"/> 058-SRFPT-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRFPT samples ▲					

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Reference

GPS Readings

Site: Sacramento River below Keswick

Latitude: 40.6011167

40.61018

Longitude: -122.443333

-122.4416

Personnel: Quang DO, Lance James

Date: 12/11/06

Arrival Time: 7:48

**Field Measured Data**

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel  
Depth (ft)

8:00

11.13

6.83

3.49

127

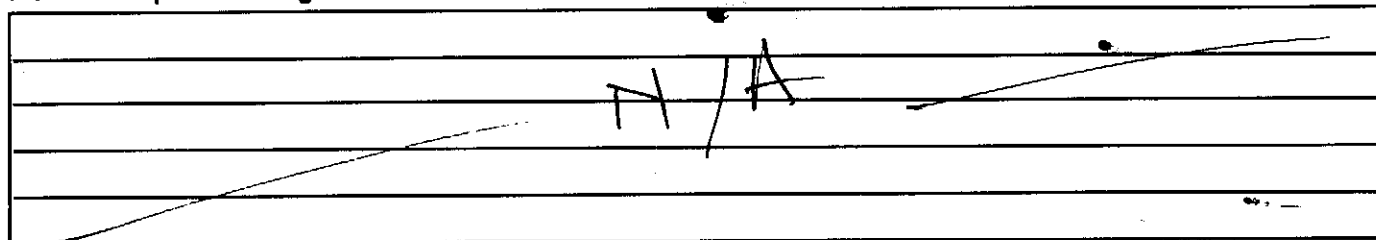
N/A

**Flow Data**

Wet channel width (ft): 129

Stage (units): N/A

**Flow and Depth recordings**



**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
058-SRBKR-WE1	PEST10	Amber Glass, 1 L [2] none	<u>1.0</u>	
058-SRBKR-WE1	BACT10	Polyethylene, 125 mL [1] none	<u>0.05</u>	<u>OTC</u>
058-SRBKR-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>1.0</u>	

Time at Completion of Sampling: 8:15

Sampling Crew: PER North

Additional Notes or Comments:

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Reference

GPS Readings

Site: Churn Creek at Knighton Road

Latitude: 40.5082

40.50897

Longitude: -122.3162

-122.31051

Personnel: Quang Do, Lance Haines

Date: 12/11/06

Arrival Time: 9:00

**Field Measured Data**

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel  
Depth (ft)

9:30

9.70

7.38

11.5

230

4.5

**Flow Data**

Wet channel width (ft): 26

Stage (units): N/A

**Flow and Depth recordings**

	velocity	Depth		V	Depth	V	Depth
① 3 ft from the left bank →	1.19	1.5	⑩	5.24	4.0	⑩	3.22
② 1 ft apart	2.04	2.0	⑪ midchannel	4.85	4.0	⑪	2.89
③	2.34	2.5	⑫	5.13	4.2	⑫	2.12
④	2.43	3.5	⑬	4.66	4.2	⑬	2.06
⑤	4.37	4.5	⑭	3.88	3.8		

\* 1 ft intervals

**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
058-CHKNT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	1.0	
058-CHKNT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1.0	
058-CHKNT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	1.0	
058-CHKNT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1.0	
058-CHKNT-WE1	CONV15	Polyethylene, 2 L [1] none	1.0	
058-CHKNT-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	1.0	
058-CHKNT-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
058-CHKNT-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
058-CHKNT-WE1	PEST15	Amber Glass, 1 L [2] none	1.0	
058-CHKNT-WE1	PEST20	Amber Glass, 1 L [2] none	1.0	
058-CHKNT-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
058-CHKNT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	1.0	

Time at Completion of Sampling: 10:00

Sampling Crew: PER North

Additional Notes or Comments:

\* Flow intervals @ 1 ft apart.

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Reference      GPS Readings

Site: Sacramento River above Bend Bridge

Latitude: 40.2886167

40.2886167

Longitude: -122.18555

-122.22001

Personnel: Quang Do, Lance Haines

Date: 12/11/02

Arrival Time: 11:00

**Field Measured Data**

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel  
Depth (ft)

11:15

10.83

7.21

10.2

131

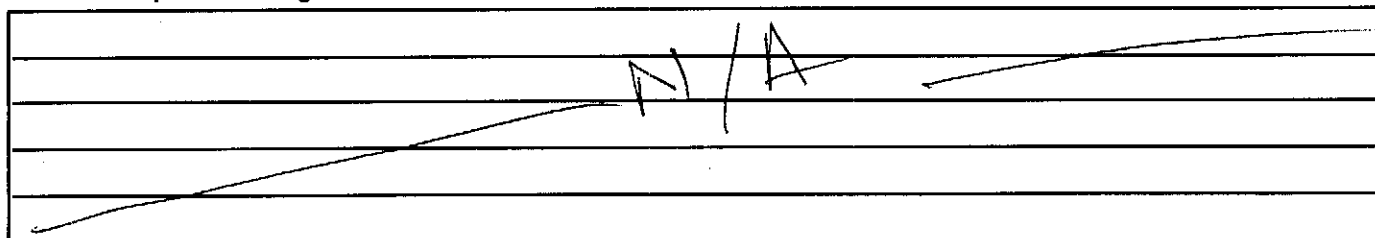
9.1

**Flow Data**

Wet channel width (ft): 483

Stage (units): N/A

**Flow and Depth recordings**



**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
058-SRABB-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>1.5</u>	
058-SRABB-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>1.5</u>	
058-SRABB-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>1.5</u>	
058-SRABB-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>1.5</u>	
058-SRABB-WE1	CONV16	Polyethylene, 2 L [1] none	<u>1.5</u>	
058-SRABB-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	<u>1.5</u>	
058-SRABB-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	<u>0.05</u>	<u>DTC</u>
058-SRABB-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	<u>0.05</u>	<u>DTC</u>
058-SRABB-WE1	BACT10	Polyethylene, 125 mL [1] none	<u>0.05</u>	<u>DTC</u>
058-SRABB-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>1.5</u>	

Time at Completion of Sampling: 11:50

Sampling Crew: PER North

Additional Notes or Comments:

*unable to sample at mid depth due to strong current.*

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Reference

GPS Readings

Site: Sacramento River near Hamilton City

Latitude: 39.752

39.75486

Longitude: -121.994

-122.00150

Personnel: Quang Do, Lance Haines

Date: 12/1/06

Arrival Time: 1320

**Field Measured Data**

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel  
Depth (ft)

1345

10.45

7.22

10.64

143

5.4

**Flow Data**

Wet channel width (ft): 600

Stage (units): N/A

**Flow and Depth recordings**


**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
058-SRHAM-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.0	
058-SRHAM-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	
058-SRHAM-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.0	
058-SRHAM-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	
058-SRHAM-WE1	CONV16	Polyethylene, 2 L [1] none	2.0	
058-SRHAM-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.0	
058-SRHAM-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
058-SRHAM-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
058-SRHAM-WE1	PEST15	Amber Glass, 1 L [2] none	2.0	
058-SRHAM-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
058-SRHAM-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.0	

Time at Completion of Sampling: 14:10

Sampling Crew: PER North

Additional Notes or Comments:

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Reference GPS Readings

Site: Sacramento River at Colusa

Latitude: 39.2141667

39.21677

Longitude: -121.999167

-122.01124

Personnel: Quang DO, Lance Haines

Date: 12/1/2020

Arrival Time: 15:00

**Field Measured Data**

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel  
Depth (ft)

15:30

10.63

7.27

10.8

148

N/A

**Flow Data**

Wet channel width (ft): 306

Stage (units): N/A

**Flow and Depth recordings**


**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
058-SRCOL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>2.5</u>	
058-SRCOL-WE2	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>2.5</u>	Field Duplicate
058-SRCOL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>2.5</u>	
058-SRCOL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>2.5</u>	
058-SRCOL-WE2	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>2.5</u>	Field Duplicate
058-SRCOL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>2.5</u>	
058-SRCOL-WE1	CONV16	Polyethylene, 2 L [1] none	<u>2.5</u>	
058-SRCOL-WE2	CONV16	Polyethylene, 2 L [1] none	<u>2.5</u>	Field Duplicate
058-SRCOL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	<u>2.5</u>	
058-SRCOL-WE2	CONV40	Polyethylene, 0.5 L [1] H2SO4	<u>2.5</u>	Field Duplicate
058-SRCOL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	<u>0.05</u>	DTC
058-SRCOL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	<u>0.05</u>	DTC
058-SRCOL-WE2	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	<u>0.05</u>	Field Duplicate/DTC
058-SRCOL-WE1	PEST17	Amber Glass, 1 L [6] none	<u>2.5</u>	MS/MSD
058-SRCOL-WE2	PEST17	Amber Glass, 1 L [2] none	<u>2.5</u>	Field Duplicate
058-SRCOL-WE1	BACT10	Polyethylene, 125 mL [1] none	<u>0.05</u>	DTC
058-SRCOL-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>2.5</u>	

Time at Completion of Sampling: 4:7 ~~16:30~~ 16:15

Sampling Crew: PER North

Additional Notes or Comments:

CPH

\* BOAT LAUNCH CHANNEL IS DRY FOR THE 3RD SRWP event in a row. Even so we dragged the boat through a few inches of water. We sampled from an alternative location from shore. The shoreline is treacherous slipping hazards with steep embankment.

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Reference

GPS Readings

Site: Yuba River at Marysville

Latitude: 39.144445

39.14201

Longitude: -121.576388

-121.57616

Personnel: Quang DO, Lance Haines

Date: 12/12/06

Arrival Time: 9:00

**Field Measured Data**

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel  
Depth (ft)

9:15

10.75

7.07

10.97

88

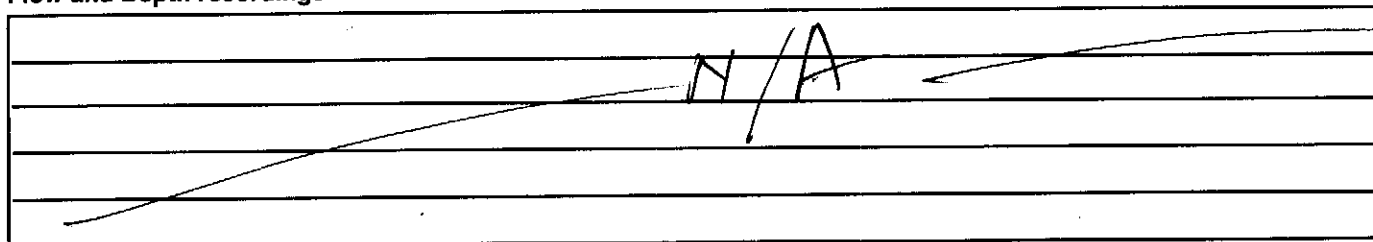
N/A

**Flow Data**

Wet channel width (ft): 189

Stage (units): N/A

**Flow and Depth recordings**



**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
058-YRMRY-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>1.0</u>	
058-YRMRY-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>1.0</u>	
058-YRMRY-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>1.0</u>	
058-YRMRY-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>1.0</u>	
058-YRMRY-WE1	CONV15	Polyethylene, 2 L [1] none	<u>1.0</u>	
058-YRMRY-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	<u>1.0</u>	
058-YRMRY-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	<u>0.05</u>	<u>DTC</u>
058-YRMRY-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	<u>0.05</u>	<u>DTC</u>
058-YRMRY-WE1	PEST17	Amber Glass, 1 L [2] none	<u>1.0</u>	
058-YRMRY-WE1	PEST20	Amber Glass, 1 L [2] none	<u>1.0</u>	
058-YRMRY-WE1	BACT10	Polyethylene, 125 mL [1] none	<u>0.05</u>	<u>DTC</u>
058-YRMRY-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>1.0</u>	

Time at Completion of Sampling: 9:30

Sampling Crew: PER North

Additional Notes or Comments:

water recedes to <sup>the</sup> middle of channel, lower than previous event.

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Site: Colusa Basin Drain above KL Reference: 38.8120667 GPS Readings: 38.81187  
Latitude: 38.8120667 Longitude: -121.774083 121.7717  
Personnel: Quang DO, Lance Haines Date: 12/2/04 Arrival Time: 10:10

**Field Measured Data**

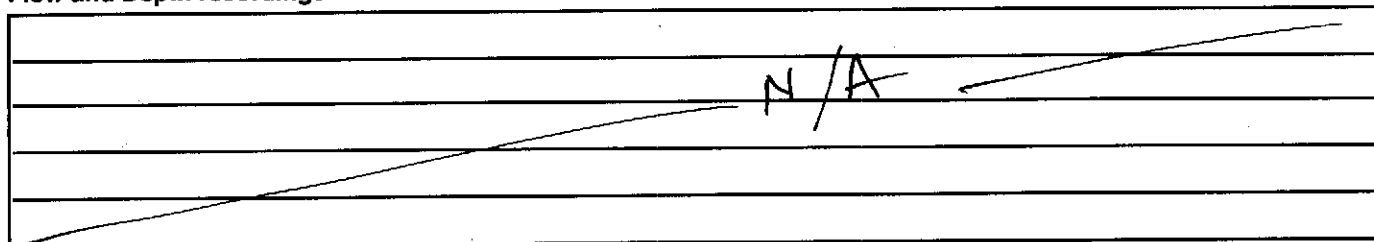
Time (PST) 10:45 Temp (°C) 10.53 pH 7.30 D. O. (mg/L) 8.30 EC (µS) 463 Midchannel Depth (ft) N/A

**Flow Data**

Wet channel width (ft): 144

Stage (units): N/A

**Flow and Depth recordings**



**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
058-COLDR-WB1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	Field Blank
058-COLDR-WB1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	Field Blank
058-COLDR-WB1	CONV12	Polyethylene, 500 mL [1] none	2.0	Field Blank
058-COLDR-WB1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.0	Field Blank
058-COLDR-WB1	CONV21	Amber glass, PTFE lined cap, 125 mL [1] none	N/A 0.05	Field Blank DTC
058-COLDR-WB1	PEST16	Amber Glass, 1 L [2] none	2.0	Field Blank
058-COLDR-WB1	PEST20	Amber Glass, 1 L [2] none	2.0	Field Blank
058-COLDR-WB1	BACT10	Polyethylene, 125 mL [1] none	N/A 0.05	Field Blank DTC
058-COLDR-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.0	
058-COLDR-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	
058-COLDR-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.0	
058-COLDR-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	
058-COLDR-WE1	CONV15	Polyethylene, 2 L [1] none	2.0	
058-COLDR-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
058-COLDR-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
058-COLDR-WE1	PEST16	Amber Glass, 1 L [2] none	2.0	
058-COLDR-WE1	PEST20	Amber Glass, 1 L [2] none	2.0	
058-COLDR-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
058-COLDR-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.0	

20

SRWP FIELD SAMPLING DATA LOG SHEET  
Sacramento River Watershed Program

Reference

GPS Readings

Site: Colusa Basin Drain above KL

Latitude: 38.8120667

38.81187

Longitude: -121.774083

-121.77117

Personnel: Quang DO, Lance Hainess

Date: 12/12/00

Arrival Time: 10:10

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel  
Depth (ft)

10:45

10.53

7.30

8.30

463

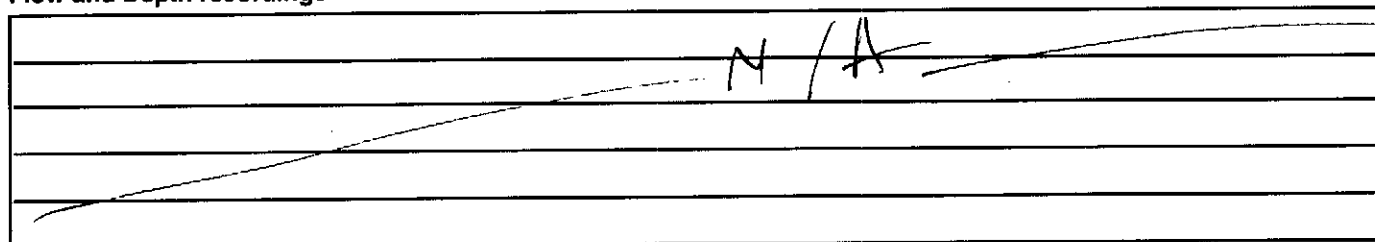
N/A

Flow Data

Wet channel width (ft): 144

Stage (units): N/A

Flow and Depth recordings



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
			<u>N/A</u>	

Time at Completion of Sampling: 11:35

Sampling Crew: PER North

Additional Notes or Comments:

rain and gusty wind

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Reference

GPS Readings

Site: Feather River near Nicolaus

Latitude: 38.903

38.78901

Longitude: -121.586167

-121.62630

Personnel: Quang Do, Lance Haines

Date: 12/13/06

Arrival Time: 10:00

**Field Measured Data**

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel  
Depth (ft)

10:15

10.7

7.03

10.9

104

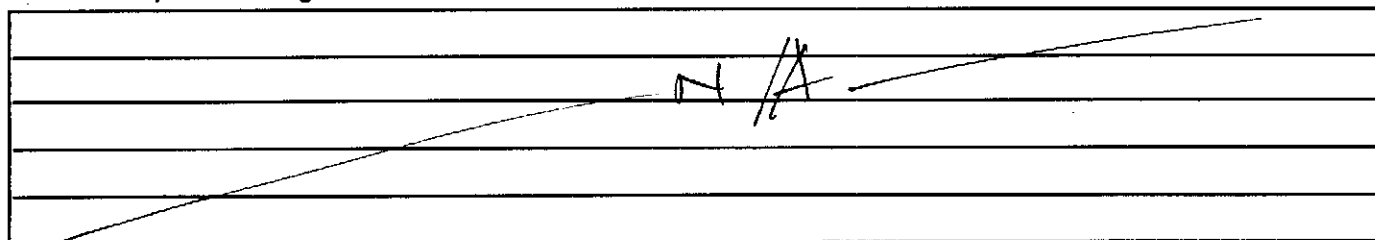
11.3

**Flow Data**

Wet channel width (ft): 596

Stage (units): N/A

**Flow and Depth recordings**



**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
058-FRNIC-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.5	
058-FRNIC-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.5	
058-FRNIC-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.5	
058-FRNIC-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.5	
058-FRNIC-WE1	CONV15	Polyethylene, 2 L [1] none	3.5	
058-FRNIC-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	3.5	
058-FRNIC-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
058-FRNIC-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
058-FRNIC-WE1	PEST15	Amber Glass, 1 L [2] none	3.5	
058-FRNIC-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
058-FRNIC-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	3.5	

Time at Completion of Sampling: 10:25

Sampling Crew: PER North

Additional Notes or Comments:

- Flow strong - could not sample m.o.d. depth

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Reference

GPS Readings

Site: Sacramento Slough

Latitude: 38.783333

38.78338

Longitude: -121.63375

-121.63383

Personnel: Quang Do, Lance

Date: 12/13/06

Arrival Time: 10:35

**Field Measured Data**

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel  
Depth (ft)

11:00

10.9

7.32

9.1

332

14.4

**Flow Data**

Wet channel width (ft): 117

Stage (units): N/A

Flow and Depth recordings

	Velocity	Depth	Vel	Depth	Vel	Depth	Vel	Depth
40 ft from the left bank	① 1.07	10.2	⑥ 1.09	11.0	⑪ 2.28	13.8	⑬ 1.90	14.0
	② 1.20	10.0	⑦ 1.05	11.1	⑫ 1.50	14.1	⑭ 1.70	13.5
	③ 1.50	10.3	⑧ 0.90	12.0	⑬ 1.91	14.2	⑮ 1.71	14.00
1 ft apart	④ 1.67	9.7	⑨ 0.83	11.8	⑭ 2.24	14.5	⑯ 1.36	11.7
	⑤ 0.92	9.2	⑩ 1.17	11.8	⑮ 1.20	14.2	⑰ 1.59	11.6

**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
058-SACSL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
058-SACSL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
058-SACSL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
058-SACSL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
058-SACSL-WE1	CONV15	Polyethylene, 2 L [1] none	2.5	
058-SACSL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.5	
058-SACSL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
058-SACSL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
058-SACSL-WE1	PEST16	Amber Glass, 1 L [2] none	2.5	
058-SACSL-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
058-SACSL-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.5	

Time at Completion of Sampling: 11:30

Sampling Crew: PER North

Additional Notes or Comments:

\* Flow measurements 1' apart.

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Site: Sacramento River at Veterans Bridge Reference: 38.6746833 GPS Readings: 38.67575  
Latitude: 38.6746833 Longitude: -121.627517 121.62900  
Personnel: Quang DO, Lance Haines Date: 12/12/06 Arrival Time: 1220

**Field Measured Data**

Time (PST) 13:00 Temp (°C) 10.36 pH 7.59 D. O. (mg/L) 10.80 EC (µS) 192 Midchannel Depth (ft) 10.8

Flow Data Wet channel width (ft): 540 Stage (units): 28

**Flow and Depth recordings**


**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
058-SRVET-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.0	
058-SRVET-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.0	
058-SRVET-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.0	
058-SRVET-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.0	
058-SRVET-WE1	CONV14	Polyethylene, 500 mL [1] none	4.0	
058-SRVET-WE1	PEST14	Amber Glass, 1 L [2] none	4.0	
058-SRVET-WE1	ATOX30	PTFE-lined PE, 5 Gal [2] none	4.0	Lab Duplicate

Time at Completion of Sampling: 13:40

Sampling Crew: PER North

Additional Notes or Comments:

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Reference

GPS Readings

Site: American River at Discovery Park

Latitude: 38.60195

38.60155

Longitude: -121.501117

-121.50167

Personnel: Lance Haines, Quang Do

Date: 12/13/06

Arrival Time: 7:50

**Field Measured Data**

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel  
Depth (ft)

8:00

11.7

6.96

10.3

56

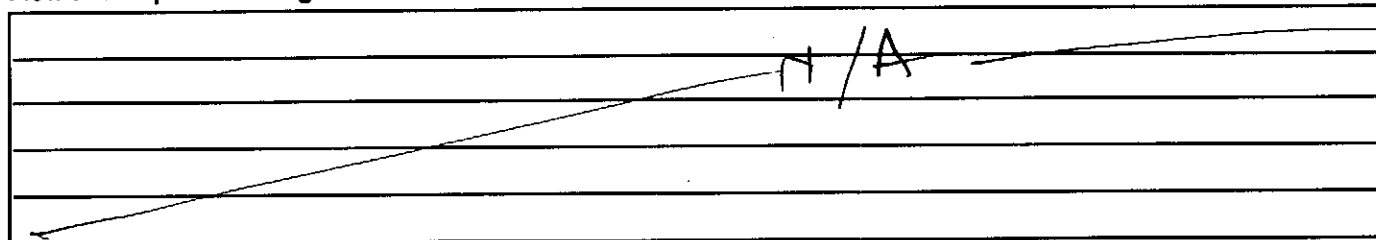
7.9

**Flow Data**

Wet channel width (ft): 441

Stage (units): N/A

**Flow and Depth recordings**



**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
058-ARDPK-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4</u>	
058-ARDPK-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4</u>	
058-ARDPK-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4</u>	
058-ARDPK-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4</u>	
058-ARDPK-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>4</u>	

Time at Completion of Sampling: 8:30

Sampling Crew: PER North

Additional Notes or Comments:

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Site: **Sacramento River at River Mile 44**

Reference: Latitude: 38.43467 38.43643  
Longitude: -121.519167 -121.50903

Personnel: Quang DO, Lance Haines Date: 12/12/06 Arrival Time: 15:20 14:52

**Field Measured Data**

Time (PST) 15:20 Temp (°C) 10.7 pH 7.35 D. O. (mg/L) 10.8 EC (µS) 189 Midchannel Depth (ft) 31.4

Flow Data Wet channel width (ft): 452 Stage (units): N/A

**Flow and Depth recordings**


**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
058-SRRMF-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	4	
058-SRRMF-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4	
058-SRRMF-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	4	
058-SRRMF-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4	
058-SRRMF-WE1	CONV14	Polyethylene, 500 mL [1] none	4	

Time at Completion of Sampling: 15:20

Sampling Crew: PER North

**Additional Notes or Comments:**

- Observation of water discharge from drain on the right bank on the way to site. Location of discharge is ~ 900 yards <sup>north of</sup> site.
- UNABLE <sup>TO</sup> SAMPLE MID DEPTH DUE TO HIGH FLOWS.

**SRWP FIELD SAMPLING DATA LOG SHEET**  
Sacramento River Watershed Program

Site: Sacramento River at Freeport

Reference: Latitude: 38.45815 GPS Readings: N 38.46066  
Longitude: -121.502633 W 121.50313

Personnel: Quang Do, Lance Haines Date: 12/12/06 Arrival Time: 1530

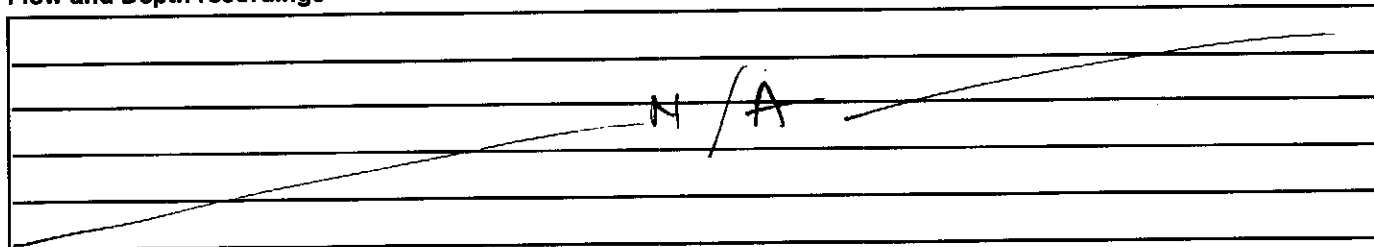
**Field Measured Data**

Time (PST) 15:45 Temp (°C) 10.5 pH 7.49 D. O. (mg/L) 11.0 EC (µS) 170 Midchannel Depth (ft) 23.6

**Flow Data**

Wet channel width (ft): 558 Stage (units): 25

**Flow and Depth recordings**



**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
058-SRFPT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	4	
058-SRFPT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4	
058-SRFPT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	4	
058-SRFPT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4	
058-SRFPT-WE1	CONV14	Polyethylene, 500 mL [1] none	4	
058-SRFPT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	4	

Time at Completion of Sampling: 16:00

Sampling Crew: PER North

**Additional Notes or Comments:**

- UNABLE TO SAMPLE MID DEPTH DUE TO  
HIGH FLOWS.

## Samples Analyzed by APPL

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA Info
058-CHKNT-WE1	Chum Creek at Knighton Road	PEST20 Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental 1	
058-YRMRY-WE1	Yuba River at Marysville	PEST20 Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental 1	
058-COLDR-WB1	Colusa Basin Drain above KL	PEST20 Carbamates, urea pesticides (L-L EPA 632/8321)	Field Blank 1	Field Blank
058-COLDR-WE1	Colusa Basin Drain above KL	PEST20 Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental 1	

**COC Analysis Notes for APPL:**

# Samples Analyzed by Caltest

## Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA Info
058-SRBKR-WE1	Sacramento River below Keswick	BACT10 E. coli	Environmental 1	
058-CHKNT-WE1	Churn Creek at Knighton Road	HGTF11 Total Hg, filtered	Environmental 1	
058-CHKNT-WE1	Churn Creek at Knighton Road	HGTU12 Total Hg, unfiltered	Environmental 1	
058-CHKNT-WE1	Churn Creek at Knighton Road	HGMF11 Methyl Hg, filtered	Environmental 1	
058-CHKNT-WE1	Churn Creek at Knighton Road	HGMU12 Methyl Hg, unfiltered	Environmental 1	
058-CHKNT-WE1	Churn Creek at Knighton Road	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 1	
058-CHKNT-WE1	Churn Creek at Knighton Road	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
058-CHKNT-WE1	Churn Creek at Knighton Road	CONV22 TOC	Environmental 1	
058-CHKNT-WE1	Churn Creek at Knighton Road	CONV23 DOC and UVA254	Environmental 1	
058-CHKNT-WE1	Churn Creek at Knighton Road	BACT10 E. coli	Environmental 1	
058-SRABB-WE1	Sacramento River above Bend Bridge	HGTF11 Total Hg, filtered	Environmental 1	
058-SRABB-WE1	Sacramento River above Bend Bridge	HGTU12 Total Hg, unfiltered	Environmental 1	
058-SRABB-WE1	Sacramento River above Bend Bridge	HGMF11 Methyl Hg, filtered	Environmental 1	
058-SRABB-WE1	Sacramento River above Bend Bridge	HGMU12 Methyl Hg, unfiltered	Environmental 1	
058-SRABB-WE1	Sacramento River above Bend Bridge	CONV16 TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental 1	
058-SRABB-WE1	Sacramento River above Bend Bridge	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
058-SRABB-WE1	Sacramento River above Bend Bridge	CONV22 TOC	Environmental 1	
058-SRABB-WE1	Sacramento River above Bend Bridge	CONV23 DOC and UVA254	Environmental 1	
058-SRABB-WE1	Sacramento River above Bend Bridge	BACT10 E. coli	Environmental 1	
058-SRHAM-WE1	Sacramento River near Hamilton City	HGTF11 Total Hg, filtered	Environmental 1	
058-SRHAM-WE1	Sacramento River near Hamilton City	HGTU12 Total Hg, unfiltered	Environmental 1	
058-SRHAM-WE1	Sacramento River near Hamilton City	HGMF11 Methyl Hg, filtered	Environmental 1	
058-SRHAM-WE1	Sacramento River near Hamilton City	HGMU12 Methyl Hg, unfiltered	Environmental 1	
058-SRHAM-WE1	Sacramento River near Hamilton City	CONV16 TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental 1	
058-SRHAM-WE1	Sacramento River near Hamilton City	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
058-SRHAM-WE1	Sacramento River near Hamilton City	CONV22 TOC	Environmental 1	
058-SRHAM-WE1	Sacramento River near Hamilton City	CONV23 DOC and UVA254	Environmental 1	
058-SRHAM-WE1	Sacramento River near Hamilton City	BACT10 E. coli	Environmental 1	
058-SRSCOL-WE1	Sacramento River at Colusa	HGTF11 Total Hg, filtered	Environmental 1	
058-SRSCOL-WE2	Sacramento River at Colusa	HGTF11 Total Hg, filtered	Environmental 2	Field Duplicate
058-SRSCOL-WE1	Sacramento River at Colusa	HGTU12 Total Hg, unfiltered	Environmental 1	
058-SRSCOL-WE1	Sacramento River at Colusa	HGMF11 Methyl Hg, filtered	Environmental 1	
058-SRSCOL-WE2	Sacramento River at Colusa	HGMF11 Methyl Hg, filtered	Environmental 2	Field Duplicate

# Samples Analyzed by Caltest

## Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA Info
058-SRCOL-WE1	Sacramento River at Colusa	HGMU12 Methyl Hg, unfiltered	Environmental 1	
058-SRCOL-WE1	Sacramento River at Colusa	CONV16 TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental 1	
058-SRCOL-WE2	Sacramento River at Colusa	CONV16 TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental 2	Field Duplicate
058-SRCOL-WE1	Sacramento River at Colusa	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
058-SRCOL-WE2	Sacramento River at Colusa	CONV40 NO3+NO2, TKN and Total P	Environmental 2	Field Duplicate
058-SRCOL-WE1	Sacramento River at Colusa	CONV22 TOC	Environmental 1	
058-SRCOL-WE1	Sacramento River at Colusa	CONV23 DOC and UVA254	Environmental 1	
058-SRCOL-WE2	Sacramento River at Colusa	CONV23 DOC and UVA254	Environmental 2	Field Duplicate
058-SRCOL-WE1	Sacramento River at Colusa	BACT10 E. coli	Environmental 1	
058-YRMRY-WE1	Yuba River at Marysville	HGTF11 Total Hg, filtered	Environmental 1	
058-YRMRY-WE1	Yuba River at Marysville	HGTU12 Total Hg, unfiltered	Environmental 1	
058-YRMRY-WE1	Yuba River at Marysville	HGMF11 Methyl Hg, filtered	Environmental 1	
058-YRMRY-WE1	Yuba River at Marysville	HGMU12 Methyl Hg, unfiltered	Environmental 1	
058-YRMRY-WE1	Yuba River at Marysville	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 1	
058-YRMRY-WE1	Yuba River at Marysville	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
058-YRMRY-WE1	Yuba River at Marysville	CONV22 TOC	Environmental 1	
058-YRMRY-WE1	Yuba River at Marysville	CONV23 DOC and UVA254	Environmental 1	
058-YRMRY-WE1	Yuba River at Marysville	BACT10 E. coli	Environmental 1	
058-COLDR-WB1	Colusa Basin Drain above KL	HGTU12 Total Hg, unfiltered	Field Blank 1	Field Blank
058-COLDR-WB1	Colusa Basin Drain above KL	HGMU12 Methyl Hg, unfiltered	Field Blank 1	Field Blank
058-COLDR-WB1	Colusa Basin Drain above KL	CONV12 Dissolved Ortho-Phosphate	Field Blank 1	Field Blank
058-COLDR-WB1	Colusa Basin Drain above KL	CONV40 NO3+NO2, TKN and Total P	Field Blank 1	Field Blank
058-COLDR-WB1	Colusa Basin Drain above KL	CONV21 DOC	Field Blank 1	Field Blank
058-COLDR-WB1	Colusa Basin Drain above KL	BACT10 E. coli	Field Blank 1	Field Blank
058-COLDR-WE1	Colusa Basin Drain above KL	HGTF11 Total Hg, filtered	Environmental 1	
058-COLDR-WE1	Colusa Basin Drain above KL	HGTU12 Total Hg, unfiltered	Environmental 1	
058-COLDR-WE1	Colusa Basin Drain above KL	HGMF11 Methyl Hg, filtered	Environmental 1	
058-COLDR-WE1	Colusa Basin Drain above KL	HGMU12 Methyl Hg, unfiltered	Environmental 1	
058-COLDR-WE1	Colusa Basin Drain above KL	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 1	
058-COLDR-WE1	Colusa Basin Drain above KL	CONV22 TOC	Environmental 1	
058-COLDR-WE1	Colusa Basin Drain above KL	CONV23 DOC and UVA254	Environmental 1	
058-COLDR-WE1	Colusa Basin Drain above KL	BACT10 E. coli	Environmental 1	
058-COLDR-WE1	Colusa Basin Drain above KL	HGTF11 Total Hg, filtered	Environmental 1	

# Samples Analyzed by Caltest

## Samples Collected by PER North

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

## Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA Info
<input checked="" type="checkbox"/> 058-SRFPT-WE1	Sacramento River at Freeport	HGMF11 Methyl Hg, filtered	Environmental	1
<input checked="" type="checkbox"/> 058-SRFPT-WE1	Sacramento River at Freeport	HGMU12 Methyl Hg, unfiltered	Environmental	1
<input checked="" type="checkbox"/> 058-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 & Rep	QA Info
<input checked="" type="checkbox"/> 058-SRBKR-WE1	Sacramento River below Keswick	PEST10 OP pesticides (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 058-CHKNT-WE1	Chum Creek at Knighton Road	PEST15 OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 058-SRHAM-WE1	Sacramento River near Hamilton City	PEST15 OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 058-SRCOL-WE1	Sacramento River at Colusa	PEST17 OPs, & pyrethroids (EPA625m)	Environmental 1	MS/MSD
<input checked="" type="checkbox"/> 058-SRCOL-WE2	Sacramento River at Colusa	PEST17 OPs, & pyrethroids (EPA625m)	Environmental 2	Field Duplicate
<input checked="" type="checkbox"/> 058-YRMRY-WE1	Yuba River at Marysville	PEST17 OPs, & pyrethroids (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 058-COLDR-WB1	Colusa Basin Drain above KL	PEST16 OPs, pyrethroids, & OCs (EPA625m)	Field Blank 1	Field Blank
<input checked="" type="checkbox"/> 058-COLDR-WE1	Colusa Basin Drain above KL	PEST16 OPs, pyrethroids, & OCs (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 058-FRNIC-WE1	Feather River near Nicolaus	PEST15 OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 058-SACSL-WE1	Sacramento Slough	PEST16 OPs, pyrethroids, & OCs (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 058-SRVET-WE1	Sacramento River at Veterans Bridge	PEST14 OPs, pyrethroids, & triazines (EPA625m)	Environmental 1	

### COC Analysis Notes for CRG:

## Samples Analyzed by PER

### Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA Info
<input checked="" type="checkbox"/> 058-SRBKR-WE1	Sacramento River below Keswick	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 058-CHKNT-WE1	Churn Creek at Knighton Road	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 058-SRABB-WE1	Sacramento River above Bend Bridge	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 058-SRHAM-WE1	Sacramento River near Hamilton City	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 058-SRCOL-WE1	Sacramento River at Colusa	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 058-YRMRY-WE1	Yuba River at Marysville	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 058-COLDR-WE1	Colusa Basin Drain above KL	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 058-FRNIC-WE1	Feather River near Nicolaus	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 058-SACSL-WE1	Sacramento Slough	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 058-SRVET-WE1	Sacramento River at Veterans Bridge	ATOX30 Aquatic toxicity, 3 species	Environmental 1	Lab Duplicate
<input checked="" type="checkbox"/> 058-ARDPK-WE1	American River at Discovery Park	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 058-SRFPT-WE1	Sacramento River at Freeport	ATOX30 Aquatic toxicity, 3 species	Environmental 1	

### COC Analysis Notes for PER: