

Sacramento River Watershed Program

Field Sampling Event 57:

Field Log

November 2006



PACIFIC ECORISK
ENVIRONMENTAL CONSULTING & TESTING

Event 057 Samples Collected by PER North

Sacramento River below Keswick					SRBKR
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
<input checked="" type="checkbox"/> 057-SRBKR-WE1	OP pesticides (EPA625m)	Environmental	1		CRG
<input checked="" type="checkbox"/> 057-SRBKR-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-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
<input checked="" type="checkbox"/> 057-CHKNT-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-CHKNT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-CHKNT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-CHKNT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-CHKNT-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-CHKNT-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-CHKNT-WE1	TOC	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-CHKNT-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-CHKNT-WE1	OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental	1		CRG
<input checked="" type="checkbox"/> 057-CHKNT-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	1		APPL
<input checked="" type="checkbox"/> 057-CHKNT-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-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
<input checked="" type="checkbox"/> 057-SRABB-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE2	Total Hg, filtered	Environmental	2	Field Duplicate	Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE2	Methyl Hg, filtered	Environmental	2	Field Duplicate	Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE2	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	2	Field Duplicate	Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE2	NO3+NO2, TKN and Total P	Environmental	2	Field Duplicate	Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE1	TOC	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE2	DOC and UVA254	Environmental	2	Field Duplicate	Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRABB-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ SRABB samples ▲

Event 057 Samples Collected by PER North

Sacramento River near Hamilton City					SRHAM
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
✓ 057-SRHAM-WB1	E. coli	Field Blank	1	Field Blank	Caltest
✓ 057-SRHAM-WE1	Total Hg, filtered	Environmental	1		Caltest
✓ 057-SRHAM-WE1	Total Hg, unfiltered	Environmental	1		Caltest
✓ 057-SRHAM-WE1	Methyl Hg, filtered	Environmental	1		Caltest
✓ 057-SRHAM-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
✓ 057-SRHAM-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
✓ 057-SRHAM-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
✓ 057-SRHAM-WE1	TOC	Environmental	1		Caltest
✓ 057-SRHAM-WE1	DOC and UVA254	Environmental	1		Caltest
✓ 057-SRHAM-WE1	OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental	1		CRG
✓ 057-SRHAM-WE1	E. coli	Environmental	1		Caltest
✓ 057-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
✓ 057-SRCOL-WE1	Total Hg, filtered	Environmental	1		Caltest
✓ 057-SRCOL-WE1	Total Hg, unfiltered	Environmental	1		Caltest
✓ 057-SRCOL-WE1	Methyl Hg, filtered	Environmental	1		Caltest
✓ 057-SRCOL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
✓ 057-SRCOL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
✓ 057-SRCOL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
✓ 057-SRCOL-WE1	TOC	Environmental	1		Caltest
✓ 057-SRCOL-WE1	DOC and UVA254	Environmental	1		Caltest
✓ 057-SRCOL-WE1	OPs, & pyrethroids (EPA625m)	Environmental	1		CRG
✓ 057-SRCOL-WE1	E. coli	Environmental	1		Caltest
✓ 057-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
✓ 057-YRMRY-WE1	Total Hg, filtered	Environmental	1		Caltest
✓ 057-YRMRY-WE1	Total Hg, unfiltered	Environmental	1		Caltest
✓ 057-YRMRY-WE1	Methyl Hg, filtered	Environmental	1		Caltest
✓ 057-YRMRY-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
✓ 057-YRMRY-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
✓ 057-YRMRY-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
✓ 057-YRMRY-WE1	TOC	Environmental	1		Caltest
✓ 057-YRMRY-WE1	DOC and UVA254	Environmental	1		Caltest
✓ 057-YRMRY-WE1	OPs, & pyrethroids (EPA625m)	Environmental	1		CRG
✓ 057-YRMRY-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	1		APPL
✓ 057-YRMRY-WE1	E. coli	Environmental	1		Caltest
✓ 057-YRMRY-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ YRMRY samples ▲

Event 057 Samples Collected by PER North

Colusa Basin Drain above KL					COLDR
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
057-COLDR-WE1	Total Hg, filtered	Environmental	1		Caltest
057-COLDR-WE1	Total Hg, unfiltered	Environmental	1		Caltest
057-COLDR-WE1	Methyl Hg, filtered	Environmental	1		Caltest
057-COLDR-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
057-COLDR-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
057-COLDR-WE1	TOC	Environmental	1		Caltest
057-COLDR-WE1	DOC and UVA254	Environmental	1		Caltest
057-COLDR-WE1	OPs, pyrethroids, & OCs (EPA625m)	Environmental	1	MS/MSD	CRG
057-COLDR-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	1	MS/MSD	APPL
057-COLDR-WE1	E. coli	Environmental	1		Caltest
057-COLDR-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
057-COLDR-WB1 Carb. urea pesticides (L-L EPA 632/8321)					APPL
057-COLDR-WB2 Carb. urea pesticides					APPL
					Field Blank
					Field Blank
Feather River near Nicolaus					FRNIC
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
057-FRNIC-WB1	Total Hg, unfiltered	Field Blank	1	Field Blank	Caltest
057-FRNIC-WB1	Methyl Hg, unfiltered	Field Blank	1	Field Blank	Caltest
057-FRNIC-WB1	Dissolved Ortho-Phosphate	Field Blank	1	Field Blank	Caltest
057-FRNIC-WB1	NO3+NO2, TKN and Total P	Field Blank	1	Field Blank	Caltest
057-FRNIC-WB1	DOC	Field Blank	1	Field Blank	Caltest
057-FRNIC-WB1	OPs, pyrethroids, triazines, & OCs (EPA625m)	Field Blank	1	Field Blank	CRG
057-FRNIC-WE1	Total Hg, filtered	Environmental	1		Caltest
057-FRNIC-WE1	Total Hg, unfiltered	Environmental	1		Caltest
057-FRNIC-WE1	Methyl Hg, filtered	Environmental	1		Caltest
057-FRNIC-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
057-FRNIC-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
057-FRNIC-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
057-FRNIC-WE1	TOC	Environmental	1		Caltest
057-FRNIC-WE1	DOC and UVA254	Environmental	1		Caltest
057-FRNIC-WE1	OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental	1		CRG
057-FRNIC-WE1	E. coli	Environmental	1		Caltest
057-FRNIC-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ FRNIC samples ▲					
Sacramento Slough					SACSL
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
057-SACSL-WE1	Total Hg, filtered	Environmental	1		Caltest
057-SACSL-WE1	Total Hg, unfiltered	Environmental	1		Caltest
057-SACSL-WE1	Methyl Hg, filtered	Environmental	1		Caltest
057-SACSL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
057-SACSL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
057-SACSL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
057-SACSL-WE1	TOC	Environmental	1		Caltest
057-SACSL-WE1	DOC and UVA254	Environmental	1		Caltest
057-SACSL-WE1	OPs, pyrethroids, & OCs (EPA625m)	Environmental	1		CRG
057-SACSL-WE1	E. coli	Environmental	1		Caltest
057-SACSL-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SACSL samples ▲					

Event 057 Samples Collected by PER North

Sacramento River at Veterans Bridge						SRVET
Sample ID	Analyte Group	Sample Type	Rep	QA		Lab
<input checked="" type="checkbox"/> 057-SRVET-WE1	Total Hg, filtered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-SRVET-WE1	Total Hg, unfiltered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-SRVET-WE1	Methyl Hg, filtered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-SRVET-WE1	Methyl Hg, unfiltered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-SRVET-WE1	Sulfate, TSS	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-SRVET-WE1	OPs, pyrethroids, & triazines (EPA625m)	Environmental	1			CRG
<input checked="" type="checkbox"/> 057-SRVET-WE2	OPs, pyrethroids, & triazines (EPA625m)	Environmental	2	Field Duplicate		CRG
<input checked="" type="checkbox"/> 057-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"/> 057-ARDPK-WE1	Total Hg, filtered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-ARDPK-WE1	Total Hg, unfiltered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-ARDPK-WE1	Methyl Hg, filtered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-ARDPK-WE1	Methyl Hg, unfiltered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-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"/> 057-SRRMF-WE1	Total Hg, filtered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-SRRMF-WE1	Total Hg, unfiltered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-SRRMF-WE1	Methyl Hg, filtered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-SRRMF-WE1	Methyl Hg, unfiltered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 057-SRRMF-WE1	Sulfate, TSS	Environmental	1			Caltest
▲ SRRMF samples ▲						

Event 057 Samples Collected by PER North

Sacramento River at Frceport				SRFPT	
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
<input checked="" type="checkbox"/> 057-SRFPT-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRFPT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRFPT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRFPT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-SRFPT-WE1	Sulfate, TSS	Environmental	1		Caltest
<input checked="" type="checkbox"/> 057-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

GPS Readings

Latitude: 40.6011167

40.60977

Longitude: -122.443333

-122.44582

Personnel: DE / MK

Date: 11/9/06

Arrival Time: 10:10

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (ft)

10:30

11.67

7.51

9.22

105

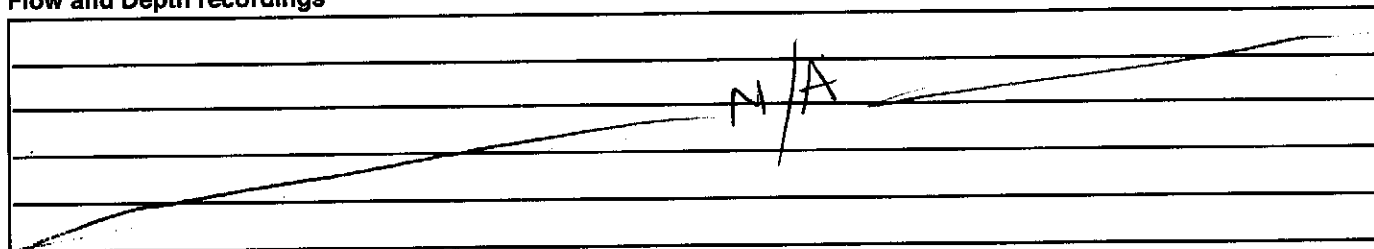
NA

Flow Data

Wet channel width (ft): 120

Stage (units): NA

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
057-SRBKR-WE1	PEST10	Amber Glass, 1 L [2] none	3'	
057-SRBKR-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05'	DTC
057-SRBKR-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	3'	

Time at Completion of Sampling: 11:00

Sampling Crew: PER North

Additional Notes or Comments:

Water level low

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Churn Creek at Knighton Road

Reference: Latitude: 40.5082 GPS Readings: 40.50867
Longitude: -122.3162 -122.31657

Personnel: DE / MK Date: 11/9/06 Arrival Time: 11:38

Field Measured Data

Time (PST) 12:00 Temp (°C) 15.24 pH 7.23 7.50 D. O. (mg/L) 4.56 5.63a EC (µS) 167 Midchannel Depth (ft) 0.3'

Flow Data

Wet channel width (ft): 12'

Stage (units): Low

Flow and Depth recordings

Water is too still to measure flow ($< 0.1 \text{ ft}^3/\text{sec}$) at any part of channel deeper than the minimum required for the flow meter. By observing the small riddle at top of pool the samples were collected from. flow discharge appears to be $< 0.5 \text{ ft}^3/\text{sec}$.
-DG

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
057-CHKNT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	0.2	
057-CHKNT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.2	
057-CHKNT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	0.2	
057-CHKNT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.2	
057-CHKNT-WE1	CONV15	Polyethylene, 2 L [1] none	0.2	
057-CHKNT-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	0.2	
057-CHKNT-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
057-CHKNT-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
057-CHKNT-WE1	PEST15	Amber Glass, 1 L [2] none	0.2	
057-CHKNT-WE1	PEST20	Amber Glass, 1 L [2] none	0.2	
057-CHKNT-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
057-CHKNT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	0.2	

Time at Completion of Sampling: 12:21

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento River above Bend Bridge

Reference

GPS Readings

Latitude: 40.2886167

40.26711

Longitude: -122.18555

-122.22031

Personnel: Lance Haines / Quang Do

Date: 11/9/06

Arrival Time: 1035

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (ft)

11:00

11.92

6.94

9.9

114

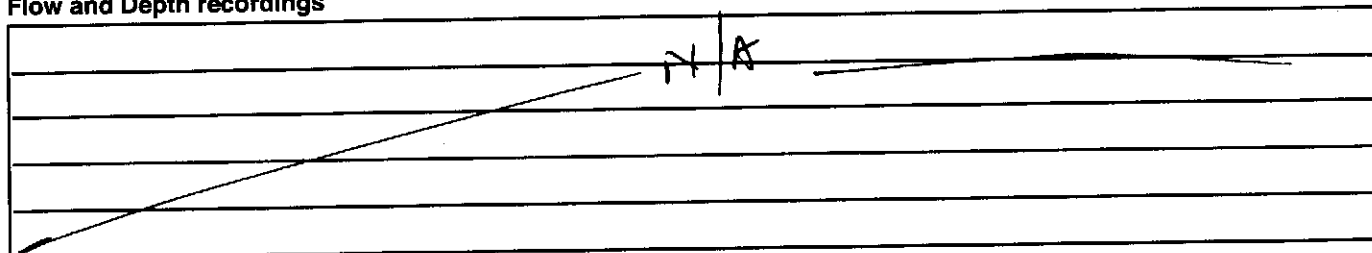
4.5

Flow Data

Wet channel width (ft): 492

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
057-SRABB-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
057-SRABB-WE2	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	Field Duplicate
057-SRABB-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
057-SRABB-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
057-SRABB-WE2	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	Field Duplicate
057-SRABB-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
057-SRABB-WE1	CONV16	Polyethylene, 2 L [1] none	2.5	
057-SRABB-WE2	CONV16	Polyethylene, 2 L [1] none	2.5	Field Duplicate
057-SRABB-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.5	
057-SRABB-WE2	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.5	Field Duplicate
057-SRABB-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	2.5	
057-SRABB-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	2.5	
057-SRABB-WE2	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	2.5	Field Duplicate
057-SRABB-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
057-SRABB-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.5	

Time at Completion of Sampling: 11:37

Sampling Crew: PER North

Additional Notes or Comments:

Water level is low. River flow at sampling site is fast at ~ 3 ft/s.

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference

GPS Readings

Site: Sacramento River near Hamilton City

Latitude: 39.752

39.75398

Longitude: -121.994

-122.00039

Personnel: Quang Do, Lance Haines

Date: 11/9/06

Arrival Time: 13:35

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (ft)

13:45

13.81

7.41

10.31

129

4.5

Flow Data

Wet channel width (ft): 576

Stage (units): N/A

Flow and Depth recordings

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
057-SRHAM-WB1	BACT10	Polyethylene, 125 mL [1] none	N/A	Field Blank
057-SRHAM-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.0	
057-SRHAM-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	
057-SRHAM-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.0	
057-SRHAM-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	
057-SRHAM-WE1	CONV16	Polyethylene, 2 L [1] none	2.0	
057-SRHAM-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.0	
057-SRHAM-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	2.0	
057-SRHAM-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	2.0	
057-SRHAM-WE1	PEST15	Amber Glass, 1 L [2] none	2.0	
057-SRHAM-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
057-SRHAM-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.0	

Time at Completion of Sampling: 13:55

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento River at Colusa

Reference: Latitude: 39.2141667 GPS Readings: 39.21697
Longitude: -121.999167 -122.01258

Personnel: DG/MK Date: 11/9/06 Arrival Time: 14:40

Field Measured Data

Time (PST) 1500 Temp (°C) 14.64 pH 7.48 D. O. (mg/L) 9.36 EC (µS) 145 Midchannel Depth (ft) NA

Flow Data

Wet channel width 120 yds

Stage (units): N/A

Flow and Depth recordings

Boat launch dry, not possible to collect flow measurements.

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
057-SRCOL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3'	
057-SRCOL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3	
057-SRCOL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	3	
057-SRCOL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3	
057-SRCOL-WE1	CONV16	Polyethylene, 2 L [1] none	3	
057-SRCOL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	3	
057-SRCOL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
057-SRCOL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
057-SRCOL-WE1	PEST17	Amber Glass, 1 L [2] none	3	
057-SRCOL-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
057-SRCOL-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	3	

Time at Completion of Sampling: 15:20

Sampling Crew: PER North

Additional Notes or Comments:

Due to low levels in river and very steep levees, the only safe place to sample was adjacent to the Colusa water towers, where the boat-launch channel enters the river.

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Yuba River at Marysville

Reference

GPS Readings

Latitude: 39.144445

39.14225

Longitude: -121.576388

-121.57612

Personnel: DG/MK

Date: 11/9/06

Arrival Time: 1553

Field Measured Data

Time (PST)	Temp (°C)	pH	D. O. (mg/L)	EC (µS)	Midchannel Depth (ft)
<u>1620</u>	<u>13.02</u>	<u>7.69</u>	<u>9.99</u>	<u>87</u>	<u>N/A</u>

Flow Data

Wet channel width (ft): 196'

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

Time at Completion of Sampling: 1650

Sampling Crew: PER North

Additional Notes or Comments:

*several salmon holding in pool under bridge
flows very low + slow velocity*

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference GPS Readings

Site: Colusa Basin Drain above KL

Latitude: 38.8120667

38.8116

Longitude: -121.774083

-121.77419

Personnel: Lance Haines, Quang Do

Date: 11/10/06

Arrival Time: 14:00

Field Measured Data

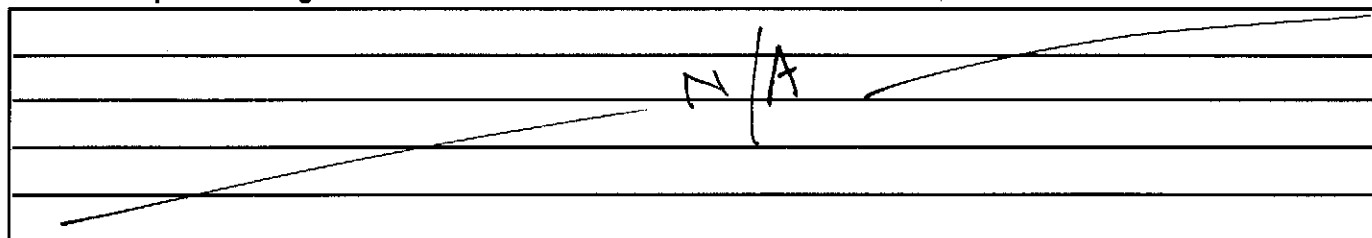
Time (PST)	Temp (°C)	pH	D. O. (mg/L)	EC (µS)	Midchannel Depth (ft)
<u>14:15</u>	<u>16.08</u>	<u>7.41</u>	<u>4.21</u>	<u>443</u>	<u>N/A</u>

Flow Data

Wet channel width (ft): 147

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
057-COLDR-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
057-COLDR-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
057-COLDR-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
057-COLDR-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
057-COLDR-WE1	CONV15	Polyethylene, 2 L [1] none	2.5	
057-COLDR-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	2.5	
057-COLDR-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	2.5	
057-COLDR-WE1	PEST16	Amber Glass, 1 L [6] none	2.5	MS/MSD
057-COLDR-WE1	PEST20	Amber Glass, 1 L [6] none	2.5	MS/MSD
057-COLDR-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
057-COLDR-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.5	
057-COLDR-WB1	PEST20	1L (2)	N/A	Field Blank
057-COLDR-WE2	PEST20	1L (2)	2.5	Field Dupe

Time at Completion of Sampling: 14:35

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Feather River near Nicolaus

Reference

GPS Readings

Latitude: 38.903

38.903

Longitude: -121.586167

-121.586167

Personnel: Lance Haines / Quang Do

Date: 11/10/06

Arrival Time: 7:00

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (ft)

9:15

13.24

7.27

9.5

102

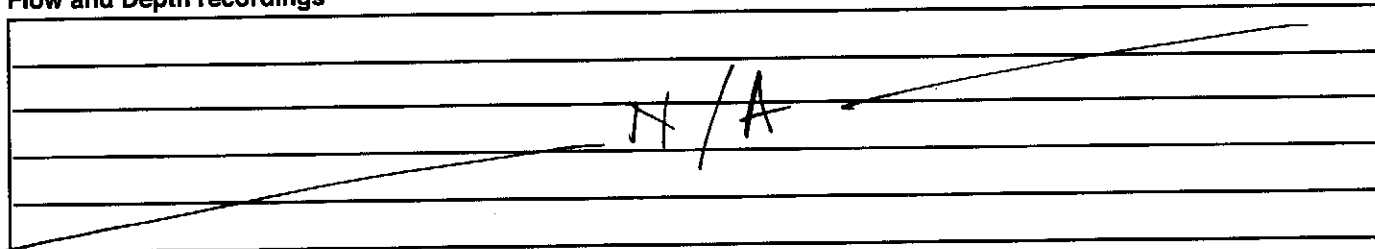
5.1

Flow Data

Wet channel width (ft): 59.1

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
057-FRNIC-WB1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	N/A	Field Blank
057-FRNIC-WB1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	N/A	Field Blank
057-FRNIC-WB1	CONV12	Polyethylene, 500 mL [1] none	N/A	Field Blank
057-FRNIC-WB1	CONV40	Polyethylene, 0.5 L [1] H2SO4	N/A	Field Blank
057-FRNIC-WB1	CONV21	Amber glass, PTFE lined cap, 125 mL [1] none	N/A	Field Blank
057-FRNIC-WB1	PEST15	Amber Glass, 1 L [2] none	N/A	Field Blank
057-FRNIC-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
057-FRNIC-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
057-FRNIC-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
057-FRNIC-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
057-FRNIC-WE1	CONV15	Polyethylene, 2 L [1] none	2.5	
057-FRNIC-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.5	
057-FRNIC-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	2.5	
057-FRNIC-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	2.5	
057-FRNIC-WE1	PEST15	Amber Glass, 1 L [2] none	2.5	
057-FRNIC-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	OTC
057-FRNIC-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.5	

Time at Completion of Sampling: 10:00

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento Slough Reference: 38.7833333 GPS Readings: 38.78356
Latitude: 38.7833333 Longitude: -121.63375 -121.63353
Personnel: Quang Do / Lance Hains Date: 11/10/06 Arrival Time: 10:20

Field Measured Data

Time (PST) 10:45 Temp (°C) 14.55 pH 7.41 D. O. (mg/L) 6.0 EC (µS) 318 Midchannel Depth (ft) 8.0

Flow Data

Wet channel width (ft): 111

Stage (units): N/A

Flow and Depth recordings							
Depth	Flow Vel	Depth	Flow Vel	Depth	Flow Vel	Depth	Flow Vel
① 5.6	0.24	⑥ 8.0	0.36	⑪ 11.3	0.28	⑯ 13.0	0.32
② 5.6	0.37	⑦ 7.9	0.33	⑫ 11.2	0.35	⑰ 12.2	0.40
③ 5.8	0.59	⑧ 8.1	0.38	⑬ 12.5	0.74	⑱ 10.8	0.67
④ 6.0	0.63	⑨ 10.7	0.56	⑭ 12.8	0.71	⑲ 9.5	0.85
⑤ 8.0	0.26	⑩ 10.9	0.54	⑮ 12.4	0.54	⑳ 9.5	1.09

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
057-SACSL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.5	
057-SACSL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.5	
057-SACSL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.5	
057-SACSL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.5	
057-SACSL-WE1	CONV15	Polyethylene, 2 L [1] none	3.5	
057-SACSL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	3.5	
057-SACSL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	3.5	
057-SACSL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	3.5	
057-SACSL-WE1	PEST16	Amber Glass, 1 L [2] none	3.5	
057-SACSL-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
057-SACSL-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	3.5	

Time at Completion of Sampling: 11:30

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento River at Veterans Bridge

Reference

GPS Readings

Latitude: 38.6746833

38.67505

Longitude: -121.627517

-121.62833

Personnel: Quang Du, Lance Haines

Date: 11/10/06

Arrival Time: 12:15

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (ft)

12:30

14.31

7.55

1.81

167

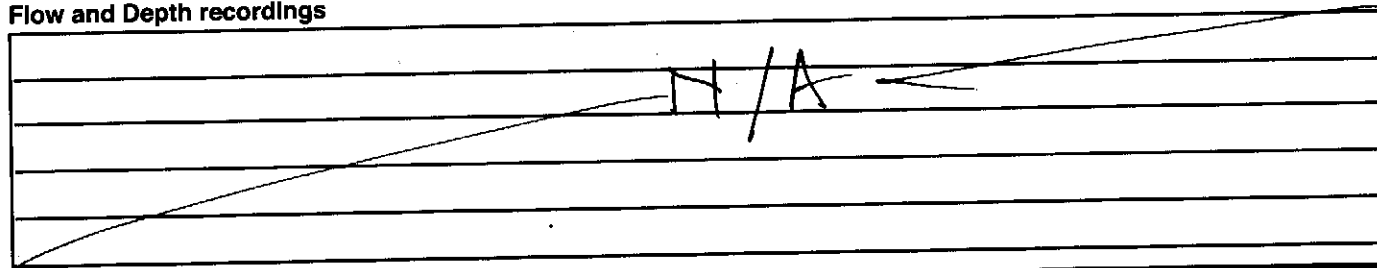
10.8

Flow Data

Wet channel width (ft): 607

Stage (units): Below Marks

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
057-SRVET-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4.0</u>	
057-SRVET-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4.0</u>	
057-SRVET-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4.0</u>	
057-SRVET-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4.0</u>	
057-SRVET-WE1	CONV14	Polyethylene, 500 mL [1] none	<u>4.0</u>	
057-SRVET-WE1	PEST14	Amber Glass, 1 L [2] none	<u>4.0</u>	
057-SRVET-WE2	PEST14	Amber Glass, 1 L [2] none	<u>4.0</u>	Field Duplicate
057-SRVET-WE1	ATOX30	PTFE-lined PE, 5 Gal [2] none	<u>4.0</u>	Lab Duplicate

Time at Completion of Sampling: 12:50

Sampling Crew: PER North

Additional Notes or Comments:

current prevents sampling ^{merely} at middepth.

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: American River at Discovery Park

Reference

GPS Readings

Latitude: 38.60195

38.60131

Longitude: -121.501117

-121.50253

Personnel: Quang Do, Lance Haines

Date: 11/10/06

Arrival Time: 06:45

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel

Depth (ft)

07:00

14.44

7.21

8.75

56

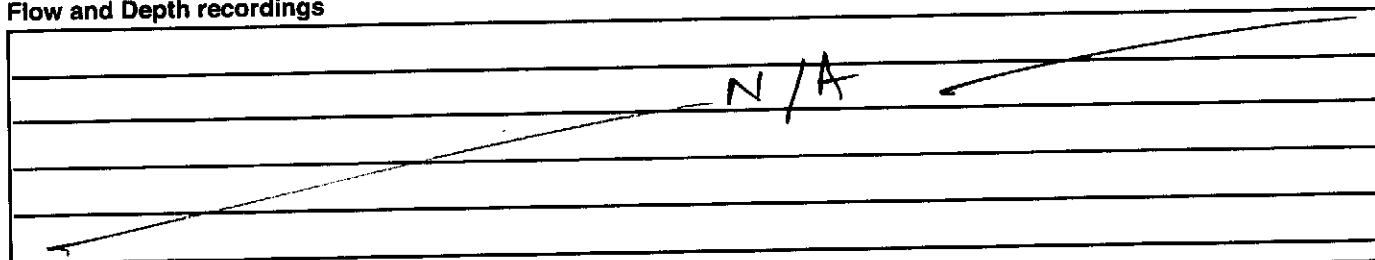
6.3

Flow Data

Wet channel width (ft): 462

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
057-ARDPK-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4.0</u>	
057-ARDPK-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4.0</u>	
057-ARDPK-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4.0</u>	
057-ARDPK-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4.0</u>	
057-ARDPK-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>4.0</u>	

Time at Completion of Sampling: 07:15

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 Freeport

Latitude: 38.45815

38.46064

Longitude: -121.502633

-121.50385

Personnel: Quang Do, Lance Haines

Date: 4/9/06

Arrival Time: 1655

Field Measured Data

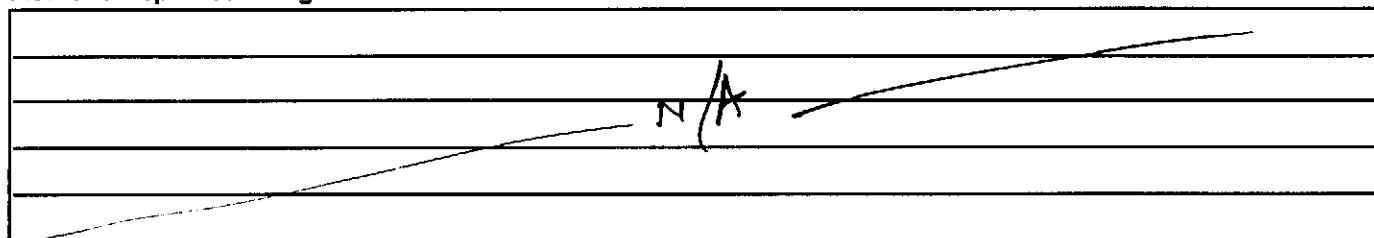
Time (PST)	Temp (°C)	pH	D. O. (mg/L)	EC (µS)	Midchannel Depth (ft)
<u>1700</u>	<u>15.42</u>	<u>7.53</u>	<u>8.38</u>	<u>158</u>	<u>25.8</u>

Flow Data

Wet channel width (ft): 552

Stage (units): below marking

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
057-SRFPT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4.5</u>	
057-SRFPT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4.5</u>	
057-SRFPT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4.5</u>	
057-SRFPT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4.5</u>	
057-SRFPT-WE1	CONV14	Polyethylene, 500 mL [1] none	<u>4.5</u>	
057-SRFPT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>4.5</u>	

Time at Completion of Sampling: 17:15

Sampling Crew: PER North

Additional Notes or Comments:

current prevents sampling at middepth.

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference

GPS Readings

Site: Sacramento River at River Mile 44

Latitude: 38.43467

38.43466

Longitude: -121.519167

-121.50871

Personnel: Quang Do, Lance Haines

Date: 11/9/06

Arrival Time: 16:30

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (ft)

1645

15.66

7.37

8.45

174

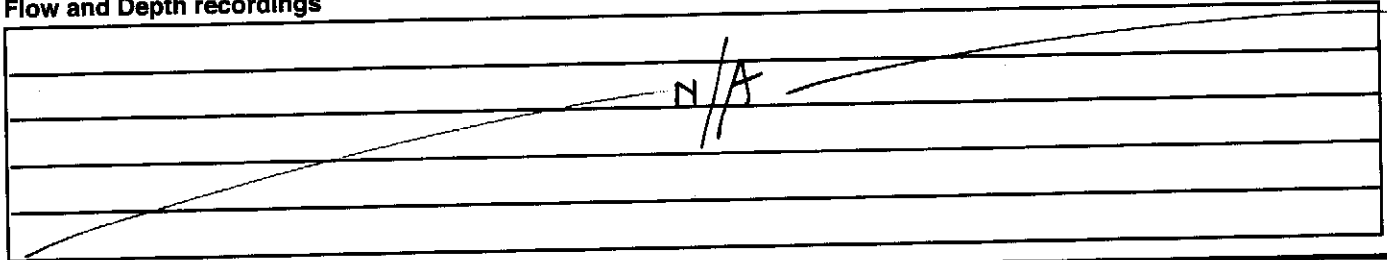
28.8

Flow Data

Wet channel width (ft): 480

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
057-SRRMF-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4.5</u>	
057-SRRMF-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4.5</u>	
057-SRRMF-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4.5</u>	
057-SRRMF-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4.5</u>	
057-SRRMF-WE1	CONV14	Polyethylene, 500 mL [1] none	<u>4.5</u>	

Time at Completion of Sampling: 17:00 / 16:50
CPH

Sampling Crew: PER North

Additional Notes or Comments:

Strong current prevents sampling at middepth

Samples Analyzed by APPL

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA Info
<input checked="" type="checkbox"/> 057-CHKNT-WE1	Churn Creek at Knighton Road	PEST20 Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental 1	
<input checked="" type="checkbox"/> 057-YRMRY-WE1	Yuba River at Marysville	PEST20 Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental 1	
<input checked="" type="checkbox"/> 057-COLDR-WE1	Colusa Basin Drain above KL	PEST20 Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental 1	MS/MSD

COC Analysis Notes for APPL:

Additional analysis Caspa Claus -S.)

☒ 057-COLDR-WB1

PEST20 Carbamates, urea pesticides (L-L EPA 632/8321)

Field Blank

☒ 057-COLDR-WE2

PEST20 Carbamates, urea pesticides (L-L EPA 632/8321)

Field Dupre

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA Info
057-SRBKR-WE1	Sacramento River below Keswick	BACT10 E. coli	Environmental 1	
057-CHKNT-WE1	Churn Creek at Knighton Road	HGTF11 Total Hg, filtered	Environmental 1	
057-CHKNT-WE1	Churn Creek at Knighton Road	HGTU12 Total Hg, unfiltered	Environmental 1	
057-CHKNT-WE1	Churn Creek at Knighton Road	HGMF11 Methyl Hg, filtered	Environmental 1	
057-CHKNT-WE1	Churn Creek at Knighton Road	HGMU12 Methyl Hg, unfiltered	Environmental 1	
057-CHKNT-WE1	Churn Creek at Knighton Road	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 1	
057-CHKNT-WE1	Churn Creek at Knighton Road	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
057-CHKNT-WE1	Churn Creek at Knighton Road	CONV22 TOC	Environmental 1	
057-CHKNT-WE1	Churn Creek at Knighton Road	CONV23 DOC and UVA254	Environmental 1	
057-CHKNT-WE1	Churn Creek at Knighton Road	BACT10 E. coli	Environmental 1	
057-SRABB-WE1	Sacramento River above Bend Bridge	HGTF11 Total Hg, filtered	Environmental 1	Field Duplicate
057-SRABB-WE2	Sacramento River above Bend Bridge	HGTF11 Total Hg, filtered	Environmental 2	
057-SRABB-WE1	Sacramento River above Bend Bridge	HGTU12 Total Hg, unfiltered	Environmental 1	
057-SRABB-WE1	Sacramento River above Bend Bridge	HGMF11 Methyl Hg, filtered	Environmental 1	
057-SRABB-WE2	Sacramento River above Bend Bridge	HGMF11 Methyl Hg, filtered	Environmental 2	Field Duplicate
057-SRABB-WE1	Sacramento River above Bend Bridge	HGMU12 Methyl Hg, unfiltered	Environmental 1	
057-SRABB-WE1	Sacramento River above Bend Bridge	CONV16 TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental 1	
057-SRABB-WE2	Sacramento River above Bend Bridge	CONV16 TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental 2	Field Duplicate
057-SRABB-WE1	Sacramento River above Bend Bridge	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
057-SRABB-WE2	Sacramento River above Bend Bridge	CONV40 NO3+NO2, TKN and Total P	Environmental 2	Field Duplicate
057-SRABB-WE1	Sacramento River above Bend Bridge	CONV22 TOC	Environmental 1	
057-SRABB-WE1	Sacramento River above Bend Bridge	CONV23 DOC and UVA254	Environmental 1	
057-SRABB-WE2	Sacramento River above Bend Bridge	CONV23 DOC and UVA254	Environmental 2	Field Duplicate
057-SRABB-WE1	Sacramento River above Bend Bridge	BACT10 E. coli	Environmental 1	
057-SRHAM-WB1	Sacramento River near Hamilton City	BACT10 E. coli	Field Blank 1	Field Blank
057-SRHAM-WE1	Sacramento River near Hamilton City	HGTF11 Total Hg, filtered	Environmental 1	
057-SRHAM-WE1	Sacramento River near Hamilton City	HGTU12 Total Hg, unfiltered	Environmental 1	
057-SRHAM-WE1	Sacramento River near Hamilton City	HGMF11 Methyl Hg, filtered	Environmental 1	
057-SRHAM-WE1	Sacramento River near Hamilton City	HGMU12 Methyl Hg, unfiltered	Environmental 1	
057-SRHAM-WE1	Sacramento River near Hamilton City	CONV16 TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental 1	
057-SRHAM-WE1	Sacramento River near Hamilton City	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
057-SRHAM-WE1	Sacramento River near Hamilton City	CONV22 TOC	Environmental 1	
057-SRHAM-WE1	Sacramento River near Hamilton City	CONV23 DOC and UVA254	Environmental 1	

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA Info
057-SRHAM-WE1	Sacramento River near Hamilton City	BACT10 E. coli	Environmental	1
057-SRCOL-WE1	Sacramento River at Colusa	HGTF11 Total Hg, filtered	Environmental	1
057-SRCOL-WE1	Sacramento River at Colusa	HGTU12 Total Hg, unfiltered	Environmental	1
057-SRCOL-WE1	Sacramento River at Colusa	HGMF11 Methyl Hg, filtered	Environmental	1
057-SRCOL-WE1	Sacramento River at Colusa	HGMU12 Methyl Hg, unfiltered	Environmental	1
057-SRCOL-WE1	Sacramento River at Colusa	CONV16 TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1
057-SRCOL-WE1	Sacramento River at Colusa	CONV40 NO3+NO2, TKN and Total P	Environmental	1
057-SRCOL-WE1	Sacramento River at Colusa	CONV22 TOC	Environmental	1
057-SRCOL-WE1	Sacramento River at Colusa	CONV23 DOC and UVA254	Environmental	1
057-SRCOL-WE1	Sacramento River at Colusa	BACT10 E. coli	Environmental	1
057-YRMRY-WE1	Yuba River at Marysville	HGTF11 Total Hg, filtered	Environmental	1
057-YRMRY-WE1	Yuba River at Marysville	HGTU12 Total Hg, unfiltered	Environmental	1
057-YRMRY-WE1	Yuba River at Marysville	HGMF11 Methyl Hg, filtered	Environmental	1
057-YRMRY-WE1	Yuba River at Marysville	HGMU12 Methyl Hg, unfiltered	Environmental	1
057-YRMRY-WE1	Yuba River at Marysville	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1
057-YRMRY-WE1	Yuba River at Marysville	CONV40 NO3+NO2, TKN and Total P	Environmental	1
057-YRMRY-WE1	Yuba River at Marysville	CONV22 TOC	Environmental	1
057-YRMRY-WE1	Yuba River at Marysville	CONV23 DOC and UVA254	Environmental	1
057-YRMRY-WE1	Yuba River at Marysville	BACT10 E. coli	Environmental	1
057-COLDR-WE1	Colusa Basin Drain above KL	HGTF11 Total Hg, filtered	Environmental	1
057-COLDR-WE1	Colusa Basin Drain above KL	HGTU12 Total Hg, unfiltered	Environmental	1
057-COLDR-WE1	Colusa Basin Drain above KL	HGMF11 Methyl Hg, filtered	Environmental	1
057-COLDR-WE1	Colusa Basin Drain above KL	HGMU12 Methyl Hg, unfiltered	Environmental	1
057-COLDR-WE1	Colusa Basin Drain above KL	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1
057-COLDR-WE1	Colusa Basin Drain above KL	CONV22 TOC	Environmental	1
057-COLDR-WE1	Colusa Basin Drain above KL	CONV23 DOC and UVA254	Environmental	1
057-COLDR-WE1	Colusa Basin Drain above KL	BACT10 E. coli	Environmental	1
057-FRNIC-WB1	Feather River near Nicolaus	HGTU12 Total Hg, unfiltered	Field Blank	1
057-FRNIC-WB1	Feather River near Nicolaus	HGMU12 Methyl Hg, unfiltered	Field Blank	1
057-FRNIC-WB1	Feather River near Nicolaus	CONV12 Dissolved Ortho-Phosphate	Field Blank	1
057-FRNIC-WB1	Feather River near Nicolaus	CONV40 NO3+NO2, TKN and Total P	Field Blank	1
057-FRNIC-WB1	Feather River near Nicolaus	CONV21 DOC	Field Blank	1
057-FRNIC-WB1	Feather River near Nicolaus	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
057-FRNIC-WE1	Feather River near Nicolaus	HGTU12 Total Hg, unfiltered	Environmental 1	
057-FRNIC-WE1	Feather River near Nicolaus	HGMF11 Methyl Hg, filtered	Environmental 1	
057-FRNIC-WE1	Feather River near Nicolaus	HGMU12 Methyl Hg, unfiltered	Environmental 1	
057-FRNIC-WE1	Feather River near Nicolaus	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 1	
057-FRNIC-WE1	Feather River near Nicolaus	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
057-FRNIC-WE1	Feather River near Nicolaus	CONV22 TOC	Environmental 1	
057-FRNIC-WE1	Feather River near Nicolaus	CONV23 DOC and UVA254	Environmental 1	
057-FRNIC-WE1	Feather River near Nicolaus	BACT10 E. coli	Environmental 1	
057-SACSL-WE1	Sacramento Slough	HGTF11 Total Hg, filtered	Environmental 1	
057-SACSL-WE1	Sacramento Slough	HGTU12 Total Hg, unfiltered	Environmental 1	
057-SACSL-WE1	Sacramento Slough	HGMF11 Methyl Hg, filtered	Environmental 1	
057-SACSL-WE1	Sacramento Slough	HGMU12 Methyl Hg, unfiltered	Environmental 1	
057-SACSL-WE1	Sacramento Slough	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 1	
057-SACSL-WE1	Sacramento Slough	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
057-SACSL-WE1	Sacramento Slough	CONV22 TOC	Environmental 1	
057-SACSL-WE1	Sacramento Slough	CONV23 DOC and UVA254	Environmental 1	
057-SACSL-WE1	Sacramento Slough	BACT10 E. coli	Environmental 1	
057-SRVET-WE1	Sacramento River at Veterans Bridge	HGTF11 Total Hg, filtered	Environmental 1	
057-SRVET-WE1	Sacramento River at Veterans Bridge	HGTU12 Total Hg, unfiltered	Environmental 1	
057-SRVET-WE1	Sacramento River at Veterans Bridge	HGMF11 Methyl Hg, filtered	Environmental 1	
057-SRVET-WE1	Sacramento River at Veterans Bridge	HGMU12 Methyl Hg, unfiltered	Environmental 1	
057-SRVET-WE1	Sacramento River at Veterans Bridge	CONV14 Sulfate, TSS	Environmental 1	
057-ARDPK-WE1	American River at Discovery Park	HGTF11 Total Hg, filtered	Environmental 1	
057-ARDPK-WE1	American River at Discovery Park	HGTU12 Total Hg, unfiltered	Environmental 1	
057-ARDPK-WE1	American River at Discovery Park	HGMF11 Methyl Hg, filtered	Environmental 1	
057-ARDPK-WE1	American River at Discovery Park	HGMU12 Methyl Hg, unfiltered	Environmental 1	
057-SRRMF-WE1	Sacramento River at River Mile 44	HGTF11 Total Hg, filtered	Environmental 1	
057-SRRMF-WE1	Sacramento River at River Mile 44	HGTU12 Total Hg, unfiltered	Environmental 1	
057-SRRMF-WE1	Sacramento River at River Mile 44	HGMF11 Methyl Hg, filtered	Environmental 1	
057-SRRMF-WE1	Sacramento River at River Mile 44	HGMU12 Methyl Hg, unfiltered	Environmental 1	
057-SRRMF-WE1	Sacramento River at River Mile 44	CONV14 Sulfate, TSS	Environmental 1	
057-SRFPT-WE1	Sacramento River at Freeport	HGTF11 Total Hg, filtered	Environmental 1	
057-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"/> 057-SRFPT-WE1	Sacramento River at Freeport	HGMF11 Methyl Hg, filtered	Environmental 1	
<input checked="" type="checkbox"/> 057-SRFPT-WE1	Sacramento River at Freeport	HGMU12 Methyl Hg, unfiltered	Environmental 1	
<input checked="" type="checkbox"/> 057-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"/> 057-SRBKR-WE1	Sacramento River below Keswick	PEST10 OP pesticides (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 057-CHKNT-WE1	Churn Creek at Knighton Road	PEST15 OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 057-SRHAM-WE1	Sacramento River near Hamilton City	PEST15 OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 057-SRCOL-WE1	Sacramento River at Colusa	PEST17 OPs, & pyrethroids (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 057-YRMRY-WE1	Yuba River at Marysville	PEST17 OPs, & pyrethroids (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 057-COLDR-WE1	Colusa Basin Drain above KL	PEST16 OPs, pyrethroids, & OCs (EPA625m)	Environmental 1	MS/MSD
<input checked="" type="checkbox"/> 057-FRNIC-WB1	Feather River near Nicolaus	PEST15 OPs, pyrethroids, triazines, & OCs (EPA625m)	Field Blank 1	Field Blank
<input checked="" type="checkbox"/> 057-FRNIC-WE1	Feather River near Nicolaus	PEST15 OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 057-SACSL-WE1	Sacramento Slough	PEST16 OPs, pyrethroids, & OCs (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 057-SRVET-WE1	Sacramento River at Veterans Bridge	PEST14 OPs, pyrethroids, & triazines (EPA625m)	Environmental 1	
<input checked="" type="checkbox"/> 057-SRVET-WE2	Sacramento River at Veterans Bridge	PEST14 OPs, pyrethroids, & triazines (EPA625m)	Environmental 2	Field Duplicate

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"/> 057-SRBKR-WE1	Sacramento River below Keswick	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 057-CHKNT-WE1	Churn Creek at Knighton Road	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 057-SRABB-WE1	Sacramento River above Bend Bridge	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 057-SRHAM-WE1	Sacramento River near Hamilton City	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 057-SRCOL-WE1	Sacramento River at Colusa	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 057-YRMRY-WE1	Yuba River at Marysville	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 057-COLDR-WE1	Colusa Basin Drain above KL	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 057-FRNIC-WE1	Feather River near Nicolaus	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 057-SACSL-WE1	Sacramento Slough	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 057-SRVET-WE1	Sacramento River at Veterans Bridge	ATOX30 Aquatic toxicity, 3 species	Environmental 1	Lab Duplicate
<input checked="" type="checkbox"/> 057-ARDPK-WE1	American River at Discovery Park	ATOX30 Aquatic toxicity, 3 species	Environmental 1	
<input checked="" type="checkbox"/> 057-SRFT-WE1	Sacramento River at Freeport	ATOX30 Aquatic toxicity, 3 species	Environmental 1	

COC Analysis Notes for PER: