

Sacramento River Watershed Program

Field Sampling Event 56:

Field Log

October 2006



PACIFIC ECORISK
ENVIRONMENTAL CONSULTING & TESTING

Event 056 Samples Collected by PER North

Sacramento River below Keswick					SRBKR
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
<input checked="" type="checkbox"/> 056-SRBKR-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-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"/> 056-CHKNT-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE2	Total Hg, unfiltered	Environmental	2	Field Duplicate	Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE2	Methyl Hg, unfiltered	Environmental	2	Field Duplicate	Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE2	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	2	Field Duplicate	Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE2	NO3+NO2, TKN and Total P	Environmental	2	Field Duplicate	Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE1	TOC	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE2	DOC and UVA254	Environmental	2	Field Duplicate	Caltest
<input checked="" type="checkbox"/> 056-CHKNT-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-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"/> 056-SRABB-WB1	Total Hg, filtered	Field Blank	1	Field Blank	Caltest
<input checked="" type="checkbox"/> 056-SRABB-WB1	Methyl Hg, filtered	Field Blank	1	Field Blank	Caltest
<input checked="" type="checkbox"/> 056-SRABB-WB1	Dissolved Ortho-Phosphate	Field Blank	1	Field Blank	Caltest
<input checked="" type="checkbox"/> 056-SRABB-WB1	NO3+NO2, TKN and Total P	Field Blank	1	Field Blank	Caltest
<input checked="" type="checkbox"/> 056-SRABB-WB1	DOC	Field Blank	1	Field Blank	Caltest
<input checked="" type="checkbox"/> 056-SRABB-WB1	E. coli	Field Blank	1	Field Blank	Caltest
<input checked="" type="checkbox"/> 056-SRABB-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRABB-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRABB-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRABB-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRABB-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRABB-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRABB-WE1	TOC	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRABB-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRABB-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRABB-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRABB samples ▲					

Event 056 Samples Collected by PER North

Sacramento River near Hamilton City					SRHAM
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
<input checked="" type="checkbox"/> 056-SRHAM-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRHAM-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRHAM-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRHAM-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRHAM-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRHAM-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRHAM-WE1	TOC	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRHAM-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRHAM-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-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
<input checked="" type="checkbox"/> 056-SRCOL-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRCOL-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRCOL-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRCOL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRCOL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRCOL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRCOL-WE1	TOC	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRCOL-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-SRCOL-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-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
<input checked="" type="checkbox"/> 056-YRMRY-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-YRMRY-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-YRMRY-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-YRMRY-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-YRMRY-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-YRMRY-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-YRMRY-WE1	TOC	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-YRMRY-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-YRMRY-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 056-YRMRY-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ YRMRY samples ▲					

Event 056 Samples Collected by PER North

Colusa Basin Drain above KL					COLDR
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
056-COLDR-WE1	Total Hg, filtered	Environmental	1		Caltest
056-COLDR-WE1	Total Hg, unfiltered	Environmental	1		Caltest
056-COLDR-WE1	Methyl Hg, filtered	Environmental	1		Caltest
056-COLDR-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
056-COLDR-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
056-COLDR-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
056-COLDR-WE1	TOC	Environmental	1		Caltest
056-COLDR-WE1	DOC and UVA254	Environmental	1		Caltest
056-COLDR-WE1	E. coli	Environmental	1		Caltest
056-COLDR-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ COLDR samples ▲					

Lab
Field Duplicate
as per class S.

Feather River near Nicolaus					FRNIC
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
056-FRNIC-WE1	Total Hg, filtered	Environmental	1		Caltest
056-FRNIC-WE1	Total Hg, unfiltered	Environmental	1		Caltest
056-FRNIC-WE1	Methyl Hg, filtered	Environmental	1		Caltest
056-FRNIC-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
056-FRNIC-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
056-FRNIC-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
056-FRNIC-WE1	TOC	Environmental	1		Caltest
056-FRNIC-WE1	DOC and UVA254	Environmental	1		Caltest
056-FRNIC-WE1	E. coli	Environmental	1		Caltest
056-FRNIC-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ FRNIC samples ▲					

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

Event 056 Samples Collected by PER North

Sacramento River at Veterans Bridge						SRVET
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab	
<input checked="" type="checkbox"/> 056-SRVET-WE1	Total Hg, filtered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-SRVET-WE1	Total Hg, unfiltered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-SRVET-WE1	Methyl Hg, filtered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-SRVET-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-SRVET-WE1	Sulfate, TSS	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-SRVET-WE1	Aquatic toxicity, 3 species	Environmental	1		PER	
▲ SRVET samples ▲						

American River at Discovery Park						ARDPK
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab	
<input checked="" type="checkbox"/> 056-ARDPK-WE1	Total Hg, filtered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-ARDPK-WE1	Total Hg, unfiltered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-ARDPK-WE1	Methyl Hg, filtered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-ARDPK-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-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"/> 056-SRRMF-WE1	Total Hg, filtered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-SRRMF-WE1	Total Hg, unfiltered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-SRRMF-WE1	Methyl Hg, filtered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-SRRMF-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-SRRMF-WE1	Sulfate, TSS	Environmental	1		Caltest	
<input checked="" type="checkbox"/> 056-SRRMF-WE2	Sulfate, TSS	Environmental	2	Field Duplicate	Caltest	
▲ SRRMF samples ▲						

Event 056 Samples Collected by PER North

Sacramento River at Freeport

SRFPT

Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
056-SRFPT-WE1	Total Hg, filtered	Environmental	1		Caltest
056-SRFPT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
056-SRFPT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
056-SRFPT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
056-SRFPT-WE1	Sulfate, TSS	Environmental	1		Caltest
056-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

40.00974

Longitude: -122.443333

-122.44606

Personnel: Lance Haines / Quang P.

Date: 10/24/06

Arrival Time: 1320

Field Measured Data

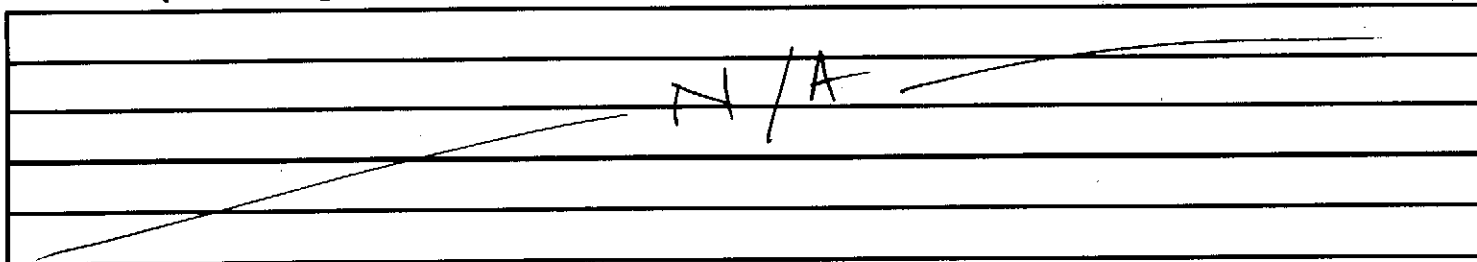
Time (PST)	Temp (°C)	pH	D. O. (mg/L)	EC (µS)	Midchannel Depth (ft)
<u>13:45</u>	<u>14.4</u>	<u>7.33</u>	<u>10.12</u>	<u>124</u>	<u>unknown</u>

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
056-SRBKR-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
056-SRBKR-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	1	

Time at Completion of Sampling: 1405

Sampling Crew: PER North

Additional Notes or Comments:

water level in the channel is very low

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Reference

GPS Readings

Site: Churn Creek at Knighton Road

Latitude: 40.5082

40.5079

Longitude: -122.3162

-122.3162

Personnel: Quang Do / Lance Haines

Date: 10/24/06

Arrival Time: 1430

Field Measured Data

Time (PST) 1500 Temp (°C) 20.27 pH 6.77 D. O. (mg/L) 7.51 EC (µS) 159 Midchannel Depth (ft) 0.1 ft

Flow Data

Wet channel width (ft): 18 ft

Stage (units): N/A

Flow and Depth recordings

	velocity	depth
① 1ft	0.0	0.2 ft
② 2ft	0.0	0.1 ft
③ 3ft	0.03	0.2 ft
④ 4ft	0.11	0.4 ft 0.2 ft
⑤ 5ft	0.11	0.3 ft

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
056-CHKNT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	0.1	
056-CHKNT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.1	
056-CHKNT-WE2	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.1	Field Duplicate
056-CHKNT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	0.1	
056-CHKNT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.1	
056-CHKNT-WE2	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.1	Field Duplicate
056-CHKNT-WE1	CONV15	Polyethylene, 2 L [1] none	0.1	
056-CHKNT-WE2	CONV15	Polyethylene, 2 L [1] none	0.1	Field Duplicate
056-CHKNT-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	0.1	
056-CHKNT-WE2	CONV40	Polyethylene, 0.5 L [1] H2SO4	0.1	Field Duplicate
056-CHKNT-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.1	
056-CHKNT-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.1	
056-CHKNT-WE2	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.1	Field Duplicate
056-CHKNT-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	OTC
056-CHKNT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	0.1	

Time at Completion of Sampling: 1530

Sampling Crew: PER North

Additional Notes or Comments:

Vegetation overgrows creek 20ft upstream from sampling.
 Rocks are showing not wet throughout creek, as depth is very shallow.
 Wet channel width is 18 feet. However, channel width where there is sufficient water to measure flow is ~ 6 ft on the left looking upstream.

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Reference

GPS Readings

Site: Sacramento River above Bend Bridge

Latitude: 40.2886167

40.26450

Longitude: -122.18555

-122.22255

Personnel: Quang Do / Lane Heines

Date: 10/24/06

Arrival Time: 1615

Field Measured Data

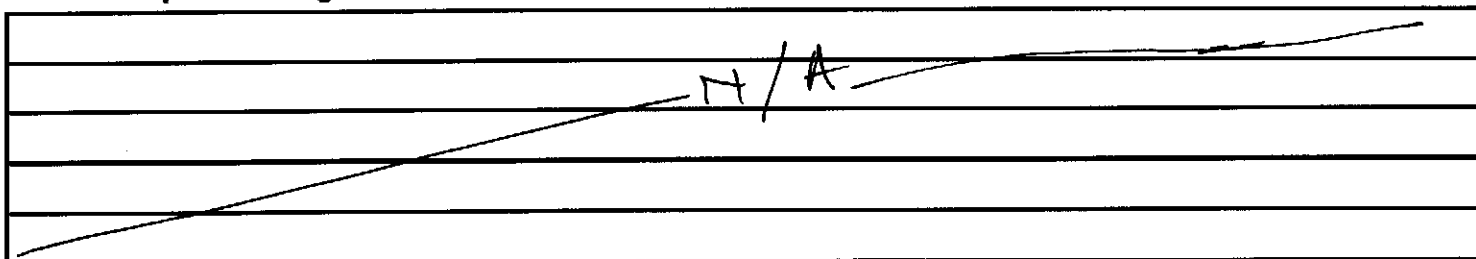
Time (PST)	Temp (°C)	pH	D. O. (mg/L)	EC (µS)	Midchannel Depth (ft)
<u>1645</u>	<u>13.08</u>	<u>7.35</u>	<u>11.6</u>	<u>111</u>	<u>32 N/A</u>

Flow Data

Wet channel width (ft): 321

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
056-SRABB-WB1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	N/A	Field Blank
056-SRABB-WB1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	N/A	Field Blank
056-SRABB-WB1	CONV12	Polyethylene, 500 mL [1] none	N/A	Field Blank
056-SRABB-WB1	CONV40	Polyethylene, 0.5 L [1] H2SO4	N/A	Field Blank
056-SRABB-WB1	CONV21	Amber glass, PTFE lined cap, 125 mL [1] none	N/A	Field Blank
056-SRABB-WB1	BACT10	Polyethylene, 125 mL [1] none	N/A	Field Blank
056-SRABB-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	1.5	
056-SRABB-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1.5	
056-SRABB-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	1.5	
056-SRABB-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1.5	
056-SRABB-WE1	CONV16	Polyethylene, 2 L [1] none	1.5	
056-SRABB-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	1.5	
056-SRABB-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	1.5	
056-SRABB-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	1.5	
056-SRABB-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTL
056-SRABB-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	1.5	

Time at Completion of Sampling: 1720

Sampling Crew: PER North

Additional Notes or Comments:

Sampling crew launch boat and attempt to reach sampling site for 20 minutes. Due to hazardous conditions (rocky, shallow channel / swift river flow), boat ride is aborted and sampling is done from shore.

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento River near Hamilton City Reference: 39.752 GPS Readings: 39.75016
 Latitude: 39.752 Longitude: -121.994 121.99709
 Personnel: Quang Do, Lance Haines Date: 10/24/06 Arrival Time: 1825

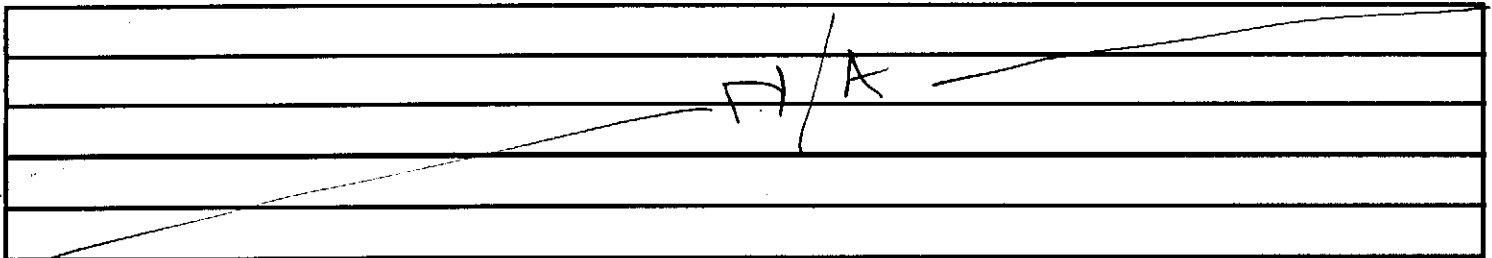
Field Measured Data

Time (PST) 1845 Temp (°C) 14.34 pH 7.52 D. O. (mg/L) 10.20 EC (µS) 120 Midchannel Depth (ft) unknown

Flow Data

Wet channel width (ft): 627 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
056-SRHAM-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2	
056-SRHAM-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2	
056-SRHAM-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2	
056-SRHAM-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2	
056-SRHAM-WE1	CONV16	Polyethylene, 2 L [1] none	2	
056-SRHAM-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2	
056-SRHAM-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	2	
056-SRHAM-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	2	
056-SRHAM-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
056-SRHAM-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2	

Time at Completion of Sampling: 1920 Sampling Crew: PER North

Additional Notes or Comments:

Due to very shallow water condition and loss of ambient light, boat launch is not possible. Sampling is conducted from river bank.

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Reference

GPS Readings

Site: **Sacramento River at Colusa**

Latitude: 39.2141667

39.2141

Longitude: -121.999167

-121.00036

Personnel: Quang DO, Lance Haines

Date: 10/25/06

Arrival Time: 8:45

Field Measured Data

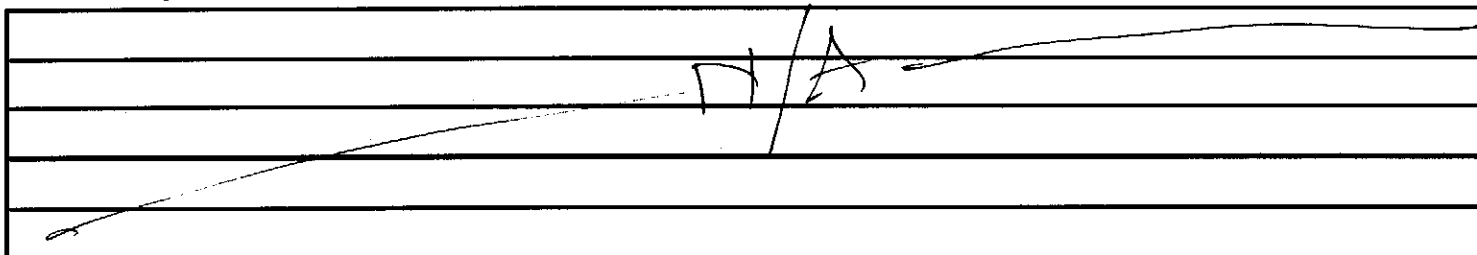
Time (PST)	Temp (°C)	pH	D. O. (mg/L)	EC (µS)	Midchannel Depth (ft)
09:00	14.33	7.27	9.40	149	unknown

Flow Data

Wet channel width (ft): 303

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

Time at Completion of Sampling: 10:00

Sampling Crew: PER North

Additional Notes or Comments:

Boat launch channel is completely dry. Sampling is done from shore.

Water level is low; however, strong wind ~ 30m/h creates good flow condition.

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Reference

GPS Readings

Site: Yuba River at Marysville

Latitude: 39.144445

39.14261

Longitude: -121.576388

121.57639

Personnel: Quang Do, Lance Haines Date: 10/25/06 Arrival Time: 11:00

Field Measured Data

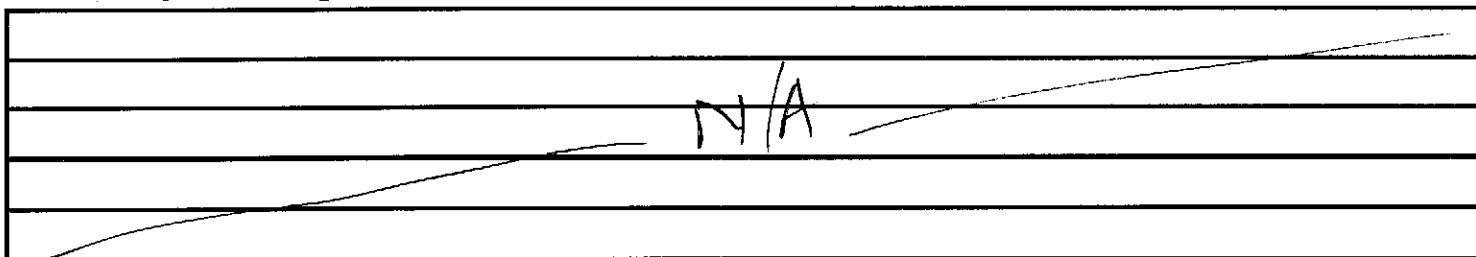
Time (PST)	Temp (°C)	pH	D. O. (mg/L)	EC (µS)	Midchannel Depth (ft)
<u>11:30</u>	<u>13.03</u>	<u>7.18</u>	<u>10.40</u>	<u>96</u>	<u>unknown</u>

Flow Data

Wet channel width (ft): 174

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

Time at Completion of Sampling: 11:45

Sampling Crew: PER North

Additional Notes or Comments:

Strong wind at ~ 35 mi/h creates good flow condition

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Reference

GPS Readings

Site: Colusa Basin Drain above KL

Latitude: 38.8120667

38.81178

Longitude: -121.774083

121.77411

Personnel: Quang Do, Lancelina

Date: 10/25/06

Arrival Time: 1245

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (ft)

1315

16.15

7.16

7.82

498

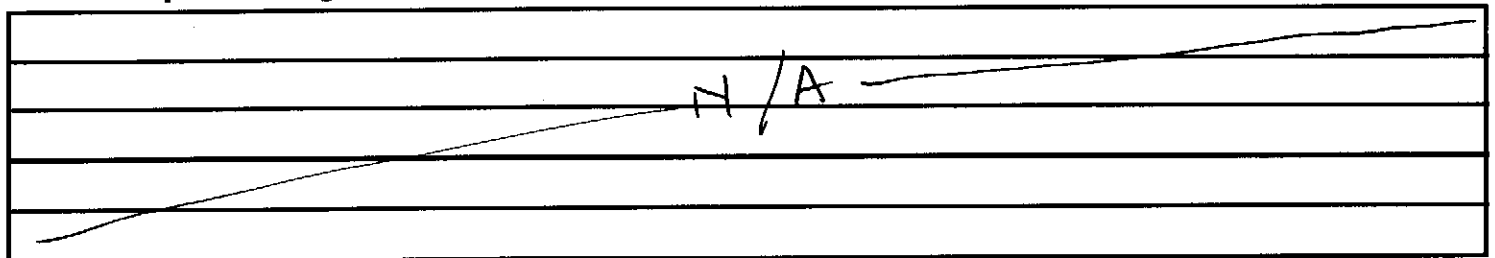
unknown

Flow Data

Wet channel width (ft): 41

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
056-COLDR-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
056-COLDR-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
056-COLDR-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
056-COLDR-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
056-COLDR-WE1	CONV15	Polyethylene, 2 L [1] none	2.5	
056-COLDR-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.5	
056-COLDR-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	2.5	
056-COLDR-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	2.5	
056-COLDR-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
056-COLDR-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.5	Field Duplicate Lab duplicate

Time at Completion of Sampling: 1330

Sampling Crew: PER North

Additional Notes or Comments:

Strong gusty wind at ~ 35 mi/h

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Reference

GPS Readings

Site: Feather River near Nicolaus

Latitude: 38.903

38.78647

Longitude: -121.586167

-121.62286

Personnel: Quang Do, Lance Harris

Date: 10/26/04

Arrival Time: 9:15

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (ft)

09:45

13.03

7.46

9.66

94

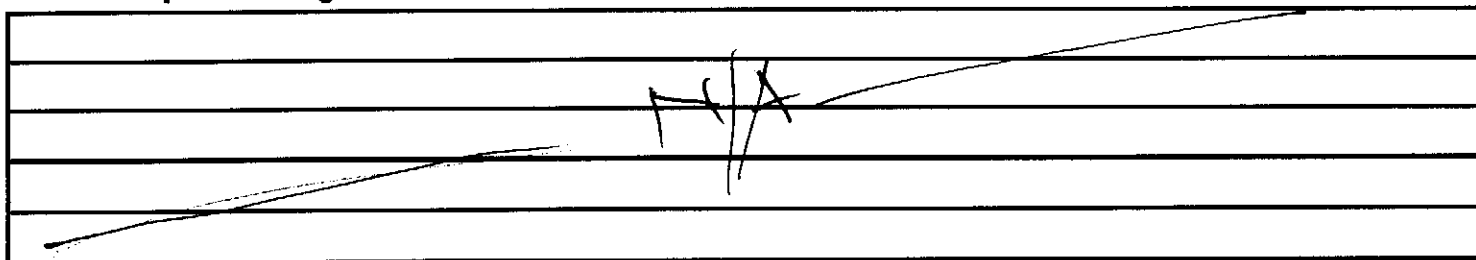
1.0

Flow Data

Wet channel width (ft): 603

Stage (units): M/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
056-FRNIC-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	0.5	
056-FRNIC-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.5	
056-FRNIC-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	0.5	
056-FRNIC-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.5	
056-FRNIC-WE1	CONV15	Polyethylene, 2 L [1] none	0.5	
056-FRNIC-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	0.5	
056-FRNIC-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.5	
056-FRNIC-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.5	
056-FRNIC-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
056-FRNIC-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	0.5	

Time at Completion of Sampling: 9:55

Sampling Crew: PER North

Additional Notes or Comments:

Very shallow river bed. Midchannel sandbars are exposed
~~Sampling~~ Sampling is done at midchannel ~ 200 ft from
 river mouth since regular sampling site is inaccessible.

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Reference

GPS Readings

Site: Sacramento Slough

Latitude: 38.7833333

38.78353

Longitude: -121.63375

-121.63362

Personnel: Quang Do, Lance Haines

Date: 10/26/06

Arrival Time: 10:05

Field Measured Data

Time (PST)	Temp (°C)	pH	D. O. (mg/L)	EC (µS)	Midchannel Depth (ft)
<u>10:15</u>	<u>13.94</u>	<u>7.62</u>	<u>8.13</u>	<u>318</u>	<u>8</u>

Flow Data

Wet channel width (ft): 108

Stage (units): H/A

Flow and Depth recordings

Depth		Flow		Depth		Flow		Depth		Flow	
#1	8.6	0.07		#6	11.4	0.29		#11	9.6	0.38	
#2	8.6	0.04		#7	9.6	0.10		#12	9.3	0.32	
#3	9.0	0.05		#8	9.0	0.11		#13	10.8	0.17	
#4	10.5	0.16		#9	8.9	0.07		#14	10.9	0.23	
#5	10.2	0.12		#10	9.6	0.18		#15	11.3	0.43	
								#16	11.1	0.33	
								#17	11.2	0.34	
								#18	10.5	0.26	
								#19	9.8	0.27	
								#20	8.6	0.14	

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

Time at Completion of Sampling: 11:00

Sampling Crew: PER North

Additional Notes or Comments:

Fallen trees completely block the channel. Sampling is done 20 ft downstream of obstacle.

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Reference

GPS Readings

Site: Sacramento River at Veterans Bridge

Latitude: 38.6746833

38.67599

Longitude: -121.627517

121.62926

Personnel: Quang Do, Lance Haines

Date: 09/26/06

Arrival Time: 12:30

Field Measured Data

Time (PST)	Temp (°C)	pH	D. O. (mg/L)	EC (µS)	Midchannel Depth (ft)
<u>12:45</u>	<u>14.64</u>	<u>7.79</u>	<u>9.12</u>	<u>150</u>	<u>7.6</u>

Flow Data

Wet channel width (ft): 522

Stage (units):

Below Markings

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
056-SRVET-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>3.5</u>	
056-SRVET-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>3.5</u>	
056-SRVET-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>3.5</u>	
056-SRVET-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>3.5</u>	
056-SRVET-WE1	CONV14	Polyethylene, 500 mL [1] none	<u>3.5</u>	
056-SRVET-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>3.5</u>	

Time at Completion of Sampling: 13:00

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

38.60136

Longitude: -121.501117

-121.50227

Personnel: Quang Do, Lance Haines

Date: 10/25/06

Arrival Time: 17:00

Field Measured Data

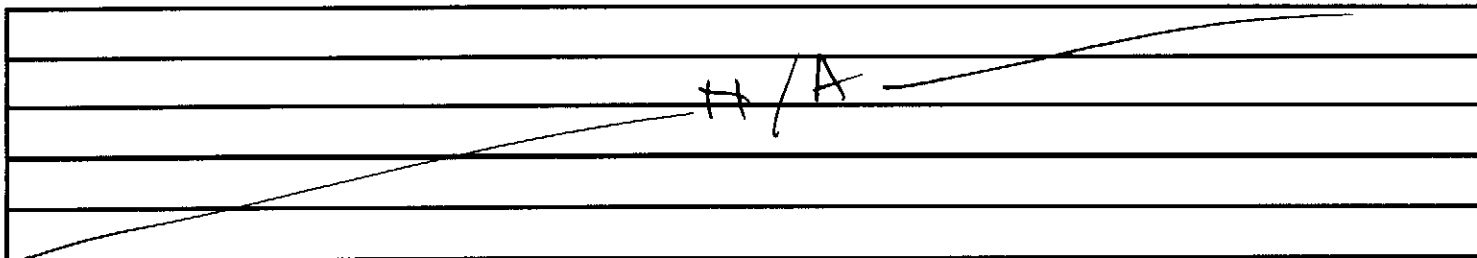
Time (PST)	Temp (°C)	pH	D. O. (mg/L)	EC (µS)	Midchannel Depth (ft)
<u>16:01</u>	<u>16.01</u>	<u>7.08</u>	<u>8.8</u>	<u>46</u>	<u>7.2</u>

Flow Data

Wet channel width (ft): 286 ft

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
056-ARDPK-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3	
056-ARDPK-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3	
056-ARDPK-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	3	
056-ARDPK-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3	
056-ARDPK-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	3	

Time at Completion of Sampling: 18:00

Sampling Crew: PER North

Additional Notes or Comments:

Moderate wind at ~ 25 mi/h

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

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

Reference: Latitude: 38.43467 GPS Readings: 38.43515
Longitude: -121.519167 -121.52390

Personnel: Quang Do, Lance Haines Date: 10/25/06 Arrival Time: 1450

Field Measured Data

Time (PST) Temp (°C) pH D. O. (mg/L) EC (µS) Midchannel Depth (ft)

15:00 16.21 7.13 9.07 157 21.4

Flow Data

Wet channel width (ft): 552

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
056-SRRMF-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	4	
056-SRRMF-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4	
056-SRRMF-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	4	
056-SRRMF-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4	
056-SRRMF-WE1	CONV14	Polyethylene, 500 mL [1] none	4	
056-SRRMF-WE2	CONV14	Polyethylene, 500 mL [1] none	4	Field Duplicate

Time at Completion of Sampling: 1520

Sampling Crew: PER North

Additional Notes or Comments:

Strong wind at ~ 40 mi/h
Strong current prevents sampling at middepth

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Reference

GPS Readings

Site: Sacramento River at Freeport

Latitude: 38.45815

38.46040

Longitude: -121.502833

-121.50319

Personnel: Quang DO, Lacey Haines

Date: 10/25/06

Arrival Time: 1530

Field Measured Data

Time (PST)	Temp (°C)	pH	D. O. (mg/L)	EC (µS)	Midchannel Depth (ft)
<u>15:45</u>	<u>16.02</u>	<u>7.26</u>	<u>9.05</u>	<u>135</u>	<u>22.7</u>

Flow Data

Wet channel width (ft): 543

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
056-SRFPT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>3</u>	
056-SRFPT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>3</u>	
056-SRFPT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>3</u>	
056-SRFPT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>3</u>	
056-SRFPT-WE1	CONV14	Polyethylene, 500 mL [1] none	<u>3</u>	
056-SRFPT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>3</u>	

Time at Completion of Sampling: 1555

Sampling Crew: PER North

Additional Notes or Comments:

Strong wind at ~ 35 mi/h
 Strong current prevents sampling at mid depth.

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA Info
056-SRBKR-WE1	Sacramento River below Keswick	BACT10 E. coli	Environmental 1	
056-CHKNT-WE1	Churn Creek at Knighton Road	HGTF11 Total Hg, filtered	Environmental 1	
056-CHKNT-WE1	Churn Creek at Knighton Road	HGTU12 Total Hg, unfiltered	Environmental 1	
056-CHKNT-WE2	Churn Creek at Knighton Road	HGTU12 Total Hg, unfiltered	Environmental 2	Field Duplicate
056-CHKNT-WE1	Churn Creek at Knighton Road	HGMF11 Methyl Hg, filtered	Environmental 1	
056-CHKNT-WE1	Churn Creek at Knighton Road	HGMU12 Methyl Hg, unfiltered	Environmental 1	
056-CHKNT-WE2	Churn Creek at Knighton Road	HGMU12 Methyl Hg, unfiltered	Environmental 2	Field Duplicate
056-CHKNT-WE1	Churn Creek at Knighton Road	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 1	
056-CHKNT-WE2	Churn Creek at Knighton Road	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 2	Field Duplicate
056-CHKNT-WE1	Churn Creek at Knighton Road	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
056-CHKNT-WE2	Churn Creek at Knighton Road	CONV40 NO3+NO2, TKN and Total P	Environmental 2	Field Duplicate
056-CHKNT-WE1	Churn Creek at Knighton Road	CONV22 TOC	Environmental 1	
056-CHKNT-WE1	Churn Creek at Knighton Road	CONV23 DOC and UVA254	Environmental 1	
056-CHKNT-WE2	Churn Creek at Knighton Road	CONV23 DOC and UVA254	Environmental 2	Field Duplicate
056-CHKNT-WE1	Churn Creek at Knighton Road	BACT10 E. coli	Environmental 1	
056-SRABB-WB1	Sacramento River above Bend Bridge	HGTF11 Total Hg, filtered	Field Blank 1	Field Blank
056-SRABB-WB1	Sacramento River above Bend Bridge	HGMF11 Methyl Hg, filtered	Field Blank 1	Field Blank
056-SRABB-WB1	Sacramento River above Bend Bridge	CONV12 Dissolved Ortho-Phosphate	Field Blank 1	Field Blank
056-SRABB-WB1	Sacramento River above Bend Bridge	CONV40 NO3+NO2, TKN and Total P	Field Blank 1	Field Blank
056-SRABB-WB1	Sacramento River above Bend Bridge	CONV21 DOC	Field Blank 1	Field Blank
056-SRABB-WB1	Sacramento River above Bend Bridge	BACT10 E. coli	Field Blank 1	Field Blank
056-SRABB-WE1	Sacramento River above Bend Bridge	HGTF11 Total Hg, filtered	Environmental 1	
056-SRABB-WE1	Sacramento River above Bend Bridge	HGTU12 Total Hg, unfiltered	Environmental 1	
056-SRABB-WE1	Sacramento River above Bend Bridge	HGMF11 Methyl Hg, filtered	Environmental 1	
056-SRABB-WE1	Sacramento River above Bend Bridge	HGMU12 Methyl Hg, unfiltered	Environmental 1	
056-SRABB-WE1	Sacramento River above Bend Bridge	CONV16 TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental 1	
056-SRABB-WE1	Sacramento River above Bend Bridge	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
056-SRABB-WE1	Sacramento River above Bend Bridge	CONV22 TOC	Environmental 1	
056-SRABB-WE1	Sacramento River above Bend Bridge	CONV23 DOC and UVA254	Environmental 1	
056-SRABB-WE1	Sacramento River above Bend Bridge	BACT10 E. coli	Environmental 1	
056-SRHAM-WE1	Sacramento River near Hamilton City	HGTF11 Total Hg, filtered	Environmental 1	
056-SRHAM-WE1	Sacramento River near Hamilton City	HGTU12 Total Hg, unfiltered	Environmental 1	
056-SRHAM-WE1	Sacramento River near Hamilton City	HGMF11 Methyl Hg, filtered	Environmental 1	

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA Info
☑ 056-SRHAM-WE1	Sacramento River near Hamilton City	HGMU12 Methyl Hg, unfiltered	Environmental 1	
☑ 056-SRHAM-WE1	Sacramento River near Hamilton City	CONV16 TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental 1	
☑ 056-SRHAM-WE1	Sacramento River near Hamilton City	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
☑ 056-SRHAM-WE1	Sacramento River near Hamilton City	CONV22 TOC	Environmental 1	
☑ 056-SRHAM-WE1	Sacramento River near Hamilton City	CONV23 DOC and UVA254	Environmental 1	
☑ 056-SRHAM-WE1	Sacramento River near Hamilton City	BACT10 E. coli	Environmental 1	
☑ 056-SRCOL-WE1	Sacramento River at Colusa	HGTF11 Total Hg, filtered	Environmental 1	
☑ 056-SRCOL-WE1	Sacramento River at Colusa	HGTU12 Total Hg, unfiltered	Environmental 1	
☑ 056-SRCOL-WE1	Sacramento River at Colusa	HGMF11 Methyl Hg, filtered	Environmental 1	
☑ 056-SRCOL-WE1	Sacramento River at Colusa	HGMU12 Methyl Hg, unfiltered	Environmental 1	
☑ 056-SRCOL-WE1	Sacramento River at Colusa	CONV16 TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental 1	
☑ 056-SRCOL-WE1	Sacramento River at Colusa	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
☑ 056-SRCOL-WE1	Sacramento River at Colusa	CONV22 TOC	Environmental 1	
☑ 056-SRCOL-WE1	Sacramento River at Colusa	CONV23 DOC and UVA254	Environmental 1	
☑ 056-SRCOL-WE1	Sacramento River at Colusa	BACT10 E. coli	Environmental 1	
☑ 056-YRMRY-WE1	Yuba River at Marysville	HGTF11 Total Hg, filtered	Environmental 1	
☑ 056-YRMRY-WE1	Yuba River at Marysville	HGTU12 Total Hg, unfiltered	Environmental 1	
☑ 056-YRMRY-WE1	Yuba River at Marysville	HGMF11 Methyl Hg, filtered	Environmental 1	
☑ 056-YRMRY-WE1	Yuba River at Marysville	HGMU12 Methyl Hg, unfiltered	Environmental 1	
☑ 056-YRMRY-WE1	Yuba River at Marysville	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 1	
☑ 056-YRMRY-WE1	Yuba River at Marysville	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
☑ 056-YRMRY-WE1	Yuba River at Marysville	CONV22 TOC	Environmental 1	
☑ 056-YRMRY-WE1	Yuba River at Marysville	CONV23 DOC and UVA254	Environmental 1	
☑ 056-YRMRY-WE1	Yuba River at Marysville	BACT10 E. coli	Environmental 1	
☑ 056-COLDR-WE1	Colusa Basin Drain above KL	HGTF11 Total Hg, filtered	Environmental 1	
☑ 056-COLDR-WE1	Colusa Basin Drain above KL	HGTU12 Total Hg, unfiltered	Environmental 1	
☑ 056-COLDR-WE1	Colusa Basin Drain above KL	HGMF11 Methyl Hg, filtered	Environmental 1	
☑ 056-COLDR-WE1	Colusa Basin Drain above KL	HGMU12 Methyl Hg, unfiltered	Environmental 1	
☑ 056-COLDR-WE1	Colusa Basin Drain above KL	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 1	
☑ 056-COLDR-WE1	Colusa Basin Drain above KL	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
☑ 056-COLDR-WE1	Colusa Basin Drain above KL	CONV22 TOC	Environmental 1	
☑ 056-COLDR-WE1	Colusa Basin Drain above KL	CONV23 DOC and UVA254	Environmental 1	
☑ 056-COLDR-WE1	Colusa Basin Drain above KL	BACT10 E. coli	Environmental 1	

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA Info
☑ 056-FRNIC-WE1	Feather River near Nicolaus	HGTF11 Total Hg, filtered	Environmental 1	
☑ 056-FRNIC-WE1	Feather River near Nicolaus	HGTU12 Total Hg, unfiltered	Environmental 1	
☑ 056-FRNIC-WE1	Feather River near Nicolaus	HGMF11 Methyl Hg, filtered	Environmental 1	
☑ 056-FRNIC-WE1	Feather River near Nicolaus	HGMU12 Methyl Hg, unfiltered	Environmental 1	
☑ 056-FRNIC-WE1	Feather River near Nicolaus	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 1	
☑ 056-FRNIC-WE1	Feather River near Nicolaus	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
☑ 056-FRNIC-WE1	Feather River near Nicolaus	CONV22 TOC	Environmental 1	
☑ 056-FRNIC-WE1	Feather River near Nicolaus	CONV23 DOC and UVA254	Environmental 1	
☑ 056-FRNIC-WE1	Feather River near Nicolaus	BACT10 E. coli	Environmental 1	
☑ 056-SACSL-WE1	Sacramento Slough	HGTF11 Total Hg, filtered	Environmental 1	
☑ 056-SACSL-WE1	Sacramento Slough	HGTU12 Total Hg, unfiltered	Environmental 1	
☑ 056-SACSL-WE1	Sacramento Slough	HGMF11 Methyl Hg, filtered	Environmental 1	
☑ 056-SACSL-WE1	Sacramento Slough	HGMU12 Methyl Hg, unfiltered	Environmental 1	
☑ 056-SACSL-WE1	Sacramento Slough	CONV15 TSS, TDS, Turbidity, Dis. Ortho-P	Environmental 1	
☑ 056-SACSL-WE1	Sacramento Slough	CONV40 NO3+NO2, TKN and Total P	Environmental 1	
☑ 056-SACSL-WE1	Sacramento Slough	CONV22 TOC	Environmental 1	
☑ 056-SACSL-WE1	Sacramento Slough	CONV23 DOC and UVA254	Environmental 1	
☑ 056-SACSL-WE1	Sacramento Slough	BACT10 E. coli	Environmental 1	
☑ 056-SRVET-WE1	Sacramento River at Veterans Bridge	HGTF11 Total Hg, filtered	Environmental 1	
☑ 056-SRVET-WE1	Sacramento River at Veterans Bridge	HGTU12 Total Hg, unfiltered	Environmental 1	
☑ 056-SRVET-WE1	Sacramento River at Veterans Bridge	HGMF11 Methyl Hg, filtered	Environmental 1	
☑ 056-SRVET-WE1	Sacramento River at Veterans Bridge	HGMU12 Methyl Hg, unfiltered	Environmental 1	
☑ 056-SRVET-WE1	Sacramento River at Veterans Bridge	CONV14 Sulfate, TSS	Environmental 1	
☑ 056-ARDPK-WE1	American River at Discovery Park	HGTF11 Total Hg, filtered	Environmental 1	
☑ 056-ARDPK-WE1	American River at Discovery Park	HGTU12 Total Hg, unfiltered	Environmental 1	
☑ 056-ARDPK-WE1	American River at Discovery Park	HGMF11 Methyl Hg, filtered	Environmental 1	
☑ 056-ARDPK-WE1	American River at Discovery Park	HGMU12 Methyl Hg, unfiltered	Environmental 1	
☑ 056-SRRMF-WE1	Sacramento River at River Mile 44	HGTF11 Total Hg, filtered	Environmental 1	
☑ 056-SRRMF-WE1	Sacramento River at River Mile 44	HGTU12 Total Hg, unfiltered	Environmental 1	
☑ 056-SRRMF-WE1	Sacramento River at River Mile 44	HGMF11 Methyl Hg, filtered	Environmental 1	
☑ 056-SRRMF-WE1	Sacramento River at River Mile 44	HGMU12 Methyl Hg, unfiltered	Environmental 1	
☑ 056-SRRMF-WE2	Sacramento River at River Mile 44	CONV14 Sulfate, TSS	Environmental 2	Field Duplicate
☑ 056-SRRMF-WE1	Sacramento River at River Mile 44	CONV14 Sulfate, TSS	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"/> 056-SRFPT-WE1	Sacramento River at Freeport	HGTF11	Total Hg, filtered	Environmental 1	
<input checked="" type="checkbox"/> 056-SRFPT-WE1	Sacramento River at Freeport	HGTU12	Total Hg, unfiltered	Environmental 1	
<input checked="" type="checkbox"/> 056-SRFPT-WE1	Sacramento River at Freeport	HGMF11	Methyl Hg, filtered	Environmental 1	
<input checked="" type="checkbox"/> 056-SRFPT-WE1	Sacramento River at Freeport	HGMU12	Methyl Hg, unfiltered	Environmental 1	
<input checked="" type="checkbox"/> 056-SRFPT-WE1	Sacramento River at Freeport	CONV14	Sulfate, TSS	Environmental 1	

DOC Analysis Notes for Caltest:

Samples Analyzed by PER

Samples Collected by PER North

Sample ID	Site Description	Analyte Group		Sample Type & Rep		QA Info
<input checked="" type="checkbox"/> 056-SRBKR-WE1	Sacramento River below Keswick	ATOX30	Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 056-CHKNT-WE1	Churn Creek at Knighton Road	ATOX30	Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 056-SRABB-WE1	Sacramento River above Bend Bridge	ATOX30	Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 056-SRHAM-WE1	Sacramento River near Hamilton City	ATOX30	Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 056-SRCOL-WE1	Sacramento River at Colusa	ATOX30	Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 056-YRMRV-WE1	Yuba River at Marysville	ATOX30	Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 056-COLDR-WE1	Colusa Basin Drain above KL	ATOX30	Aquatic toxicity, 3 species	Environmental	1	lab Field Duplicate as per class.
<input checked="" type="checkbox"/> 056-FRNIC-WE1	Feather River near Nicolaus	ATOX30	Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 056-SACSL-WE1	Sacramento Slough	ATOX30	Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 056-SRVET-WE1	Sacramento River at Veterans Bridge	ATOX30	Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 056-ARDPK-WE1	American River at Discovery Park	ATOX30	Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 056-SRFPT-WE1	Sacramento River at Freeport	ATOX30	Aquatic toxicity, 3 species	Environmental	1	

COC Analysis Notes for PER: