

Sacramento River Watershed Program

Field Sampling Event 67:

Field Log

August 2007



PACIFIC ECORISK
ENVIRONMENTAL CONSULTING & TESTING

Event 067 Samples Collected by PER North

Sacramento River below Keswick					SRBKR
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
067-SRBKR-WE1	OP pesticides (EPA625m)	Environmental	2		CRG
067-SRBKR-WE1	E. coli	Environmental	1		Caltest
067-SRBKR-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRBKR samples ▲					

Churn Creek at Knighton Road					CHKNT
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
067-CHKNT-WB1	Dissolved Ortho-Phosphate	Field Blank	1	Field Blank	Caltest
067-CHKNT-WB1	NO3+NO2, TKN and Total P	Field Blank	1	Field Blank	Caltest
067-CHKNT-WB1	DOC	Field Blank	1	Field Blank	Caltest
067-CHKNT-WB1	OPs & Triazines (EPA625m)	Field Blank	2	Field Blank	CRG
067-CHKNT-WB1	Carbamates, urea pesticides (L-L EPA 632/8321)	Field Blank	2	Field Blank	APPL
067-CHKNT-WE1	Total Hg, filtered	Environmental	1		Caltest
067-CHKNT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
067-CHKNT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
067-CHKNT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
067-CHKNT-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
067-CHKNT-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
067-CHKNT-WE2	NO3+NO2, TKN and Total P	Environmental	1	Field Duplicate	Caltest
067-CHKNT-WE1	TOC	Environmental	3		Caltest
067-CHKNT-WE1	DOC and UVA254	Environmental	1		Caltest
067-CHKNT-WE2	DOC and UVA254	Environmental	1	Field Duplicate	Caltest
067-CHKNT-WE1	OPs & Triazines (EPA625m)	Environmental	2		CRG
067-CHKNT-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2		APPL
067-CHKNT-WE1	E. coli	Environmental	1		Caltest
067-CHKNT-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ CHKNT samples ▲					

Sacramento River above Bend Bridge					SRABB
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
067-SRA3B-WE1	Total Hg, filtered	Environmental	1		Caltest
067-SRABB-WE1	Total Hg, unfiltered	Environmental	1		Caltest
067-SRABB-WE1	Methyl Hg, filtered	Environmental	1		Caltest
067-SRABB-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
067-SRABB-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
067-SRABB-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
067-SRABB-WE1	TOC	Environmental	3		Caltest
067-SRABB-WE1	DOC and UVA254	Environmental	1		Caltest
067-SRABB-WE1	E. coli	Environmental	1		Caltest
067-SRA3B-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRABB samples ▲					

Event 067 Samples Collected by PER North

Sacramento River near Hamilton City

Sample ID	Analyte Group	Sample Type	# bottles	QA	SRHAM Lab
067-SRHAM-WE1	Total Hg, filtered	Environmental	1		Caltest
067-SRHAM-WE1	Total Hg, unfiltered	Environmental	1		Caltest
067-SRHAM-WE1	Methyl Hg, filtered	Environmental	1		Caltest
067-SRHAM-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
067-SRHAM-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
067-SRHAM-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
067-SRHAM-WE1	TOC	Environmental	3		Caltest
067-SRHAM-WE1	DOC and UVA254	Environmental	1		Caltest
067-SRHAM-WE1	OPs & Triazines (EPA625m)	Environmental	6	MS/MSD	CRG
067-SRHAM-WE1	E. coli	Environmental	1		Caltest
067-SRHAM-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ SRHAM samples ▲

Sacramento River at Colusa

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

▲ SRCOL samples ▲

Yuba River at Marysville

Sample ID	Analyte Group	Sample Type	# bottles	QA	YRMRY Lab
067-YRMRY-WB1	Total Hg, filtered	Field Blank	1	Field Blank	Caltest
067-YRMRY-WB1	Methyl Hg, filtered	Field Blank	1	Field Blank	Caltest
067-YRMRY-WE1	Total Hg, filtered	Environmental	1		Caltest
067-YRMRY-WE1	Total Hg, unfiltered	Environmental	1		Caltest
067-YRMRY-WE1	Methyl Hg, filtered	Environmental	1		Caltest
067-YRMRY-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
067-YRMRY-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
067-YRMRY-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
067-YRMRY-WE1	TOC	Environmental	3		Caltest
067-YRMRY-WE1	DOC and UVA254	Environmental	1		Caltest
067-YRMRY-WE1	OPs & Triazines (EPA625m)	Environmental	2		CRG
067-YRMRY-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2		APPL
067-YRMRY-WE1	E. coli	Environmental	1		Caltest
067-YRMRY-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ YRMRY samples ▲

067-YRMRY-WE2 carbamates, urea pesticides

Envir 2 Field Dups APPL

Event 067 Samples Collected by PER North

Colusa Basin Drain above KL

Sample ID	Analyte Group	Sample Type	# bottles	QA	COLDR Lab
067-COLDR-WE1	Total Hg, filtered	Environmental	1		Caltest
067-COLDR-WE1	Total Hg, unfiltered	Environmental	1		Caltest
067-COLDR-WE1	Methyl Hg, filtered	Environmental	1		Caltest
067-COLDR-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
067-COLDR-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
067-COLDR-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
067-COLDR-WE1	TOC	Environmental	3		Caltest
067-COLDR-WE1	DOC and UVA254	Environmental	1		Caltest
067-COLDR-WE1	OPs & Triazines (EPA625m)	Environmental	2		CRG
067-COLDR-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	6	MS/MSD	APPL
067-COLDR-WE1	E. coli	Environmental	1		Caltest
067-COLDR-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ COLDR samples ▲

Feather River near Nicolaus

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

▲ FRNIC samples ▲

Sacramento Slough

Sample ID	Analyte Group	Sample Type	# bottles	QA	SACSL Lab
067-SACSL-WB1	E. coli	Field Blank	1	Field Blank	Caltest
067-SACSL-WE1	Total Hg, filtered	Environmental	1		Caltest
067-SACSL-WE1	Total Hg, unfiltered	Environmental	1		Caltest
067-SACSL-WE1	Methyl Hg, filtered	Environmental	1		Caltest
067-SACSL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
067-SACSL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
067-SACSL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
067-SACSL-WE1	TOC	Environmental	3		Caltest
067-SACSL-WE1	DOC and UVA254	Environmental	1		Caltest
067-SACSL-WE1	OPs & Triazines (EPA625m)	Environmental	2		CRG
067-SACSL-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2		APPL
067-SACSL-WE1	E. coli	Environmental	1		Caltest
067-SACSL-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ SACSL samples ▲

Event 067 Samples Collected by PER North

Sacramento River at Veterans Bridge						SRVET
Sample ID	Analyte Group	Sample Type	# bottles	QA		Lab
067-SRVET-WE1	Total Hg, filtered	Environmental	1			Caltest
067-SRVET-WE1	Total Hg, unfiltered	Environmental	1			Caltest
067-SRVET-WE2	Total Hg, unfiltered	Environmental	1	Field Duplicate		Caltest
067-SRVET-WE1	Methyl Hg, filtered	Environmental	1			Caltest
067-SRVET-WE1	Methyl Hg, unfiltered	Environmental	1			Caltest
067-SRVET-WE2	Methyl Hg, unfiltered	Environmental	1	Field Duplicate		Caltest
067-SRVET-WE1	Sulfate, TSS	Environmental	1			Caltest
067-SRVET-WE2	Sulfate, TSS	Environmental	1	Field Duplicate		Caltest
067-SRVET-WE1	OPs & Triazines (EPA625m)	Environmental	2			CRG
067-SRVET-WE2	OPs & Triazines (EPA625m)	Environmental	2	Field Duplicate		CRG
067-SRVET-WE2	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	Field Duplicate		APPL
067-SRVET-WE1	Aquatic toxicity, 3 species	Environmental	2	Lab Duplicate		PER
▲ SRVET samples ▲						

American River at Discovery Park						ARDPK
Sample ID	Analyte Group	Sample Type	# bottles	QA		Lab
067-ARDPK-WE1	Total Hg, filtered	Environmental	1			Caltest
067-ARDPK-WE1	Total Hg, unfiltered	Environmental	1			Caltest
067-ARDPK-WE1	Methyl Hg, filtered	Environmental	1			Caltest
067-ARDPK-WE1	Methyl Hg, unfiltered	Environmental	1			Caltest
067-ARDPK-WE1	Aquatic toxicity, 3 species	Environmental	1			PER
▲ ARDPK samples ▲						

Sacramento River at River Mile 44						SRRMF
Sample ID	Analyte Group	Sample Type	# bottles	QA		Lab
067-SRRMF-WE1	Total Hg, filtered	Environmental	1			Caltest
067-SRRMF-WE1	Total Hg, unfiltered	Environmental	1			Caltest
067-SRRMF-WE1	Methyl Hg, filtered	Environmental	1			Caltest
067-SRRMF-WE1	Methyl Hg, unfiltered	Environmental	1			Caltest
067-SRRMF-WE1	Sulfate, TSS	Environmental	1			Caltest
▲ SRRMF samples ▲						

Event 067 Samples Collected by PER North

Sacramento River at Freeport						SRFPT
Sample ID	Analyte Group	Sample Type	# bottles	QA		Lab
<input checked="" type="checkbox"/> 067-SRFPT-WE1	Total Hg, filtered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 067-SRFPT-WE1	Total Hg, unfiltered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 067-SRFPT-WE1	Methyl Hg, filtered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 067-SRFPT-WE1	Methyl Hg, unfiltered	Environmental	1			Caltest
<input checked="" type="checkbox"/> 067-SRFPT-WE1	Sulfate, TSS	Environmental	1			Caltest
<input checked="" type="checkbox"/> 067-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: Latitude: 40.6011167 GPS Readings: 40.60972
Longitude: -122.443333 122.44612

Personnel: Quang Do, Lance Haines Date: 8/7/2007 Arrival Time: 12:05

Field Measured Data

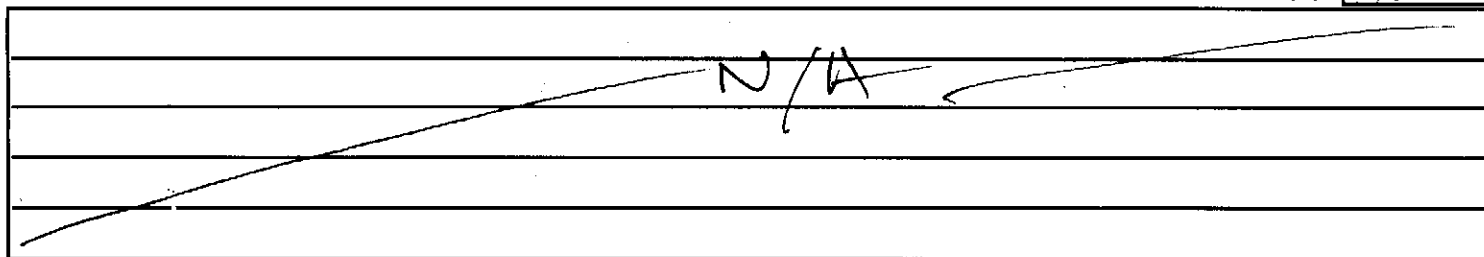
☐ Stage (ft), or
☐ Midchannel Depth (ft)

Time (PST) 12:15 Temp (°C) 11.98 pH 7.22 D. O. (mg/L) 9.4 EC (µS/cm) 130 N/A

Flow Data

Flow and Depth recordings

Wet channel width (ft): 135



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
067-SRBKR-WE1	PEST10	Amber Glass, 1 L [2] none	1	
067-SRBKR-WE1	BACT10	Polyethylene, 125 mL [1] none	0.06	DTC
067-SRBKR-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	1	

Time at Completion of Sampling: 1230

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: **Churn Creek at Knighton Road**

Reference: _____ GPS Readings: _____

Latitude: 40.5082 40.50857

Longitude: -122.3162 -122.31638

Personnel: Quang Do, Lance Haines Date: 8/7/07 Arrival Time: 1330

Field Measured Data

Time (PST) 1345 Temp (°C) 22.15 pH 7.02 D. O. (mg/L) 7.0 EC (µS/cm) 187

☐ Stage (ft), or ☒ Midchannel Depth (ft) 0.2

Flow Data

Flow and Depth recordings: _____ Wet channel width (ft): 9

unable to acquire flow and depth measurements due to dry creek

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
067-CHKNT-WB1	CONV12	Polyethylene, 500 mL [1] none	N/A	Field Blank
067-CHKNT-WB1	CONV40	Polyethylene, 0.5 L [1] H2SO4	N/A	Field Blank
067-CHKNT-WB1	CONV21	Amber glass, PTFE lined cap, 125 mL [1] none	N/A	Field Blank
067-CHKNT-WB1	PEST11	Amber Glass, 1 L [2] none	N/A	Field Blank
067-CHKNT-WB1	PEST20	Amber Glass, 1 L [2] none	N/A	Field Blank
067-CHKNT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	0.1	
067-CHKNT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.1	
067-CHKNT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	0.1	
067-CHKNT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.1	
067-CHKNT-WE1	CONV15	Polyethylene, 2 L [1] none	0.1	
067-CHKNT-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	0.1	
067-CHKNT-WE2	CONV40	Polyethylene, 0.5 L [1] H2SO4	0.100	Field Duplicate
067-CHKNT-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
067-CHKNT-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
067-CHKNT-WE2	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	Field Duplicate DTC
067-CHKNT-WE1	PEST11	Amber Glass, 1 L [2] none	0.1	
067-CHKNT-WE1	PEST20	Amber Glass, 1 L [2] none	0.1	
067-CHKNT-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
067-CHKNT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none stream	0.1	

* Vegetation Completely Closes 13 Yrds upstream of Sample point.

* Flow blocked by vegetation ~1 ft/sec and shallow stream bed estimated

CONCLUSIONS

Longitude: -122.3162

Personnel: Quang Vo, Lance Hannes

Date: 8/7/07

Arrival Time: _____

☐ **Midchannel Depth (ft)**

Wet channel width (ft):

Sample ID	Analysis Group	Container Type [#/sample] <i>preservative</i>	Sample Depth (ft)	NOTES

Time at Completion of Sampling: 14:00

Sampling Crew: PER North

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CONTINUED FROM PREVIOUS PAGE

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: **Sacramento River above Bend Bridge**

Reference GPS Readings

Latitude: 40.2886167 40.26707

Longitude: -122.18555 122.22022

Personnel: Quang Do, Lance Haines

Date: 8/7/07 Arrival Time: 15:10

Field Measured Data

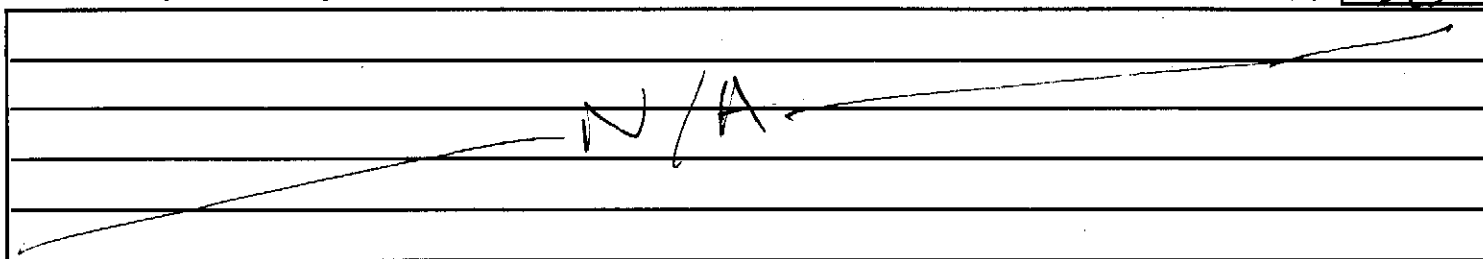
☐ Stage (ft), or
☒ Midchannel Depth (ft)

Time (PST) 15:30 Temp (°C) 13.60 pH 7.60 D. O. (mg/L) 11.5 EC (µS/cm) 120 10.2

Flow Data

Flow and Depth recordings

Wet channel width (ft): 525



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
067-SRABB-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	5.0	
067-SRABB-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5.0	
067-SRABB-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	5.0	
067-SRABB-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5.0	
067-SRABB-WE1	CONV16	Polyethylene, 2 L [1] none	5.0	
067-SRABB-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	5.0	
067-SRABB-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
067-SRABB-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
067-SRABB-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
067-SRABB-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	5.0	

Time at Completion of Sampling: 15:38

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Sacramento River near Hamilton City Reference: 39.752 GPS Readings: 39.75912
 Longitude: -121.994 122.01051
 Personnel: Quang Do, Lana Haines Date: 8/7/07 Arrival Time: 17:15

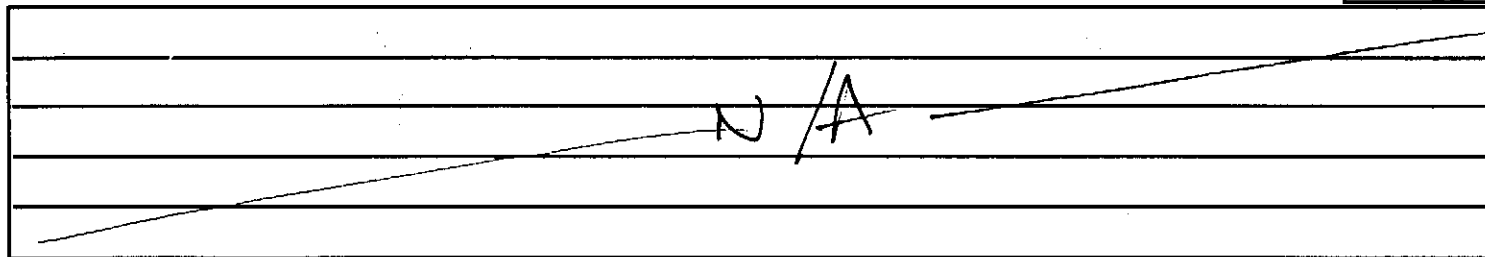
Field Measured Data

Time (PST) 17:30 Temp (°C) 16.52 pH 8.20 D. O. (mg/L) 7.98 EC (µS/cm) 125 ☐ Stage (ft), or ☒ Midchannel Depth (ft) 9.2

Flow Data

Flow and Depth recordings

Wet channel width (ft): 603



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
067-SRHAM-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.5	
067-SRHAM-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.5	
067-SRHAM-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.5	
067-SRHAM-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.5	
067-SRHAM-WE1	CONV16	Polyethylene, 2 L [1] none	4.5	
067-SRHAM-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	4.5	
067-SRHAM-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
067-SRHAM-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
067-SRHAM-WE1	PEST11	Amber Glass, 1 L [6] none	4.5	MS/MSD
067-SRHAM-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
067-SRHAM-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	4.5	

Time at Completion of Sampling: 17:45

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 Longitude: -121.999167

GPS Readings: 39.21556 122.00363

Personnel: Quang DO, Lance Haines Date: 8/7/07 Arrival Time: 19:00

Field Measured Data

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

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

19:15 18.12 8.10 6.25 183 9.0

Flow Data

Flow and Depth recordings

Wet channel width (ft): 342

(Flow and Depth recording area with handwritten "N/A" and a diagonal line across the table)

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
067-SRCOL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4.95</u>	
067-SRCOL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4.5</u>	
067-SRCOL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>4.5</u>	
067-SRCOL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>4.5</u>	
067-SRCOL-WF1	CONV16	Polyethylene, 2 L [1] none	<u>4.5</u>	
067-SRCOL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	<u>4.5</u>	
067-SRCOL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	<u>0.05</u>	<u>DTC</u>
067-SRCOL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	<u>0.05</u>	<u>DTC</u>
067-SRCOL-WE1	PEST11	Amber Glass, 1 L [2] none	<u>4.5</u>	
067-SRCOL-WE1	BACT10	Polyethylene, 125 mL [1] none	<u>0.05</u>	<u>DTC</u>
067-SRCOL-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>4.5</u>	

Time at Completion of Sampling: 19:30

Sampling Crew: PER North

Additional Notes or Comments:

DO meter recalibrated due to low initial D.O.

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Yuba River at Marysville

Reference: 39.144445 GPS Readings: 39.14208
Latitude: -121.576388 Longitude: 121.57607

Personnel: Quang Do, Lance Heinen Date: 8/8/07 Arrival Time: 9:15

Field Measured Data

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

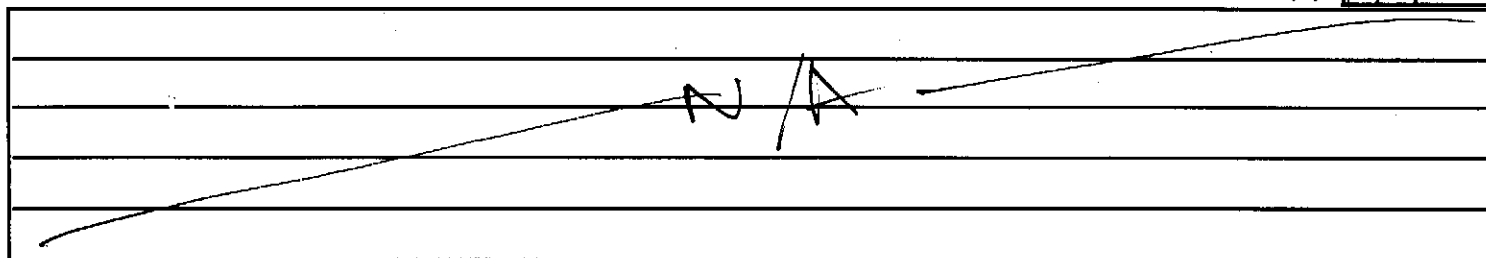
Time (PST) 9:30 Temp (°C) 14.64 pH 7.68 D. O. (mg/L) 10.13 EC (µS/cm) 88

N/A

Flow Data

Flow and Depth recordings

Wet channel width (ft): 177



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
067-YRMRY-WB1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	N/A	Field Blank
067-YRMRY-WB1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	N/A	Field Blank
067-YRMRY-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	1.5	
067-YRMRY-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1.5	
067-YRMRY-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	1.5	
067-YRMRY-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1.5	
067-YRMRY-WE1	CONV15	Polyethylene, 2 L [1] none	1.5	
067-YRMRY-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	1.5	
067-YRMRY-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	NTC
067-YRMRY-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	PTC
067-YRMRY-WE1	PEST11	Amber Glass, 1 L [2] none	1.5	
067-YRMRY-WE1	PEST20	Amber Glass, 1 L [2] none	1.5	
067-YRMRY-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	PTC
067-YRMRY-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	1.5	
067-YRMRY-WE1	PEST20		1.5	Field Dup

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: Colusa Basin Drain above KL

Reference Latitude: 38.8120667 GPS Readings 38.81185

Longitude: -121.774083 -121.77411

Personnel: Quang Do, Lance Haines Date: 8/8/07 Arrival Time: 12:00

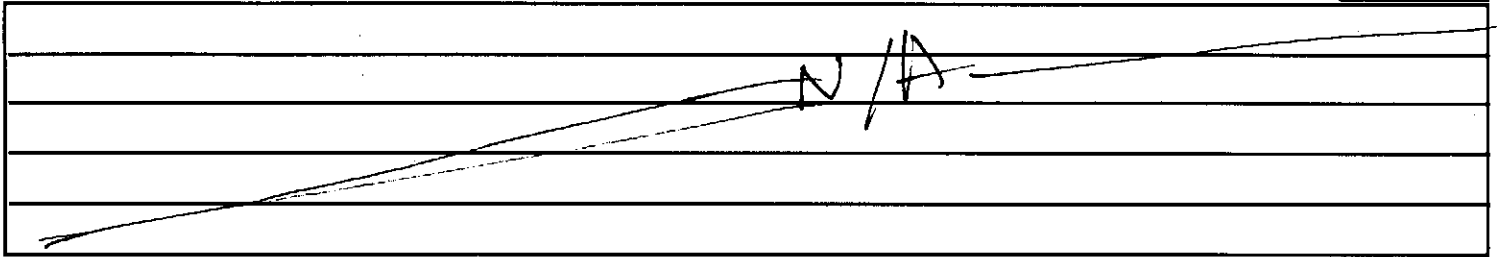
Field Measured Data

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

Time (PST) 12:15 Temp (°C) 23.35 pH 7.70 D. O. (mg/L) 6.83 EC (µS/cm) 562 N/A

Flow Data

Flow and Depth recordings Wet channel width (ft): 123



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
067-COLDR-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2	
067-COLDR-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2	
067-COLDR-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2	
067-COLDR-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2	
067-COLDR-WE1	CONV15	Polyethylene, 2 L [1] none	2	
067-COLDR-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2	
067-COLDR-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
067-COLDR-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
067-COLDR-WE1	PEST11	Amber Glass, 1 L [2] none	2	
067-COLDR-WE1	PEST20	Amber Glass, 1 L [6] none	2	MS/MSD
067-COLDR-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	PRC
067-COLDR-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2	

Time at Completion of Sampling: 12:45

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 Latitude: 38.6746833 38.67643
Longitude: -121.627517 -121.62952

Personnel: Quang Do, Laura Hawley Date: 8/8/07 Arrival Time: 13:20

Field Measured Data

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

Time (PST) 13:45 Temp (°C) 20.16 pH 7.38 D. O. (mg/L) 9.24 EC (µS/cm) 153 10.3

Flow Data

Flow and Depth recordings

Wet channel width (ft): 546

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
067-SRVET-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	5	
067-SRVET-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5	
067-SRVET-WE2	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5	Field Duplicate
067-SRVET-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	5	
067-SRVET-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5	
067-SRVET-WE2	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5	Field Duplicate
067-SRVET-WE1	CONV14	Polyethylene, 500 mL [1] none	5	
067-SRVET-WE2	CONV14	Polyethylene, 500 mL [1] none	5	Field Duplicate
067-SRVET-WE1	PEST11	Amber Glass, 1 L [2] none	5	
067-SRVET-WE2	PEST11	Amber Glass, 1 L [2] none	5	Field Duplicate
067-SRVET-WE2	PEST20	Amber Glass, 1 L [2] none		Field Duplicate
067-SRVET-WI:1	ATOX30	PTFE-lined PE, 5 Gal [2] none	5	Lab Duplicate

Time at Completion of Sampling: 1430

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Feather River near Nicolaus Reference: Latitude: 38.903 GPS Readings: 38.78952
Longitude: -121.586167 121.62621
Personnel: Quang Do, Lance Haines Date: 8/8/07 Arrival Time: 15:00

Field Measured Data

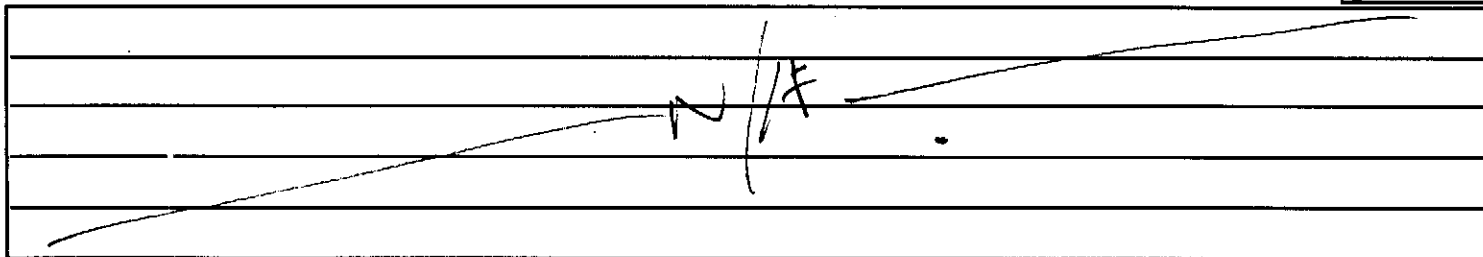
☐ Stage (ft), or
☒ Midchannel Depth (ft)

Time (PST) 15:15 Temp (°C) 20.64 pH 7.30 D. O. (mg/L) 9.30 EC (µS/cm) 95 4.4

Flow Data

Flow and Depth recordings

Wet channel width (ft): 600



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
067-FRNIC-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.0	
067-FRNIC-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	
067-FRNIC-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.0	
067-FRNIC-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	
067-FRNIC-WE1	CONV15	Polyethylene, 2 L [1] none	2.0	
067-FRNIC-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.0	
067-FRNIC-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
067-FRNIC-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
067-FRNIC-WE1	PEST11	Amber Glass, 1 L [2] none	2.0	
067-FRNIC-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
067-FRNIC-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.0	

Time at Completion of Sampling: 15:30

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Sacramento Slough

Reference Latitude: 38.7833333 38.78250
Longitude: -121.63375 121.6337

Personnel: Quang Do, Bruce Haines Date: 8/8/07 Arrival Time: 1545

Field Measured Data

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

Time (PST) 1630 Temp (°C) 24.0 pH 7.40 D. O. (mg/L) 7.09 EC (µS/cm) 308 20.1

Flow Data

Flow and Depth recordings

40' from the right bank, 2' apart

Wet channel width (ft): 120

Depth	Flow	Depth	Flow	Depth	Flow	Depth	Flow
8.1	0.15	⑥ 4.8	0.10	⑪ 18.9	0.46	⑫ 14.5	0.67
8.5	0.22	⑦ 17.4	0.34	⑫ 19.0	0.56	⑬ 16.0	0.43
3.2	0.46	⑧ 17.9	0.39	⑬ 17.0	0.43	⑭ 14.2	0.65
3.8	0.13	⑨ 19.0	0.34	⑭ 17.6	0.38	⑮ 11.5	0.66
5.0	0.12	⑩ 20.1	0.25	⑮ 18.0	0.65	⑯ 10.0	0.67

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
067-SACSL-WB1	BACT10	Polyethylene, 125 mL [1] none	N/A	Field Blank
067-SACSL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	6.0	
067-SACSL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	6.0	
067-SACSL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	6.0	
067-SACSL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	6.0	
067-SACSL-WE1	CONV15	Polyethylene, 2 L [1] none	6.0	
067-SACSL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	6.0	
067-SACSL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	OTC
067-SACSL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	OTC
067-SACSL-WE1	PEST11	Amber Glass, 1 L [2] none	6.0	
067-SACSL-WE1	PEST20	Amber Glass, 1 L [2] none	6.0	
067-SACSL-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	OTC
067-SACSL-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	6.0	

Time at Completion of Sampling: 16:45

Sampling Crew: PER North

Additional Notes or Comments:

*if sampling depth is middepth
* Unable to determine exact sampling depth due to
Poor visibility. Conservative estimation of
sampling depth is provided.*

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: **American River at Discovery Park**

Reference

GPS Readings

Latitude: 38.60195

38.60195

Longitude: -121.501117

121.50075

Personnel: Quang Do, Lance Haines

Date: 8/9/07

Arrival Time: 8:30

Field Measured Data

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

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS/cm)

8:45

19.95

7.20

9.85

58

9.0

Flow Data

Flow and Depth recordings

Wet channel width (ft): 426

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
067-ARDPK-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.5	
067-ARDPK-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.5	
067-ARDPK-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.5	
067-ARDPK-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.5	
067-ARDPK-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	4.5	

Time at Completion of Sampling: 9:00

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: **Sacramento River at Freeport**

Reference

GPS Readings

Latitude: 38.45815

38.46098

Longitude: -121.502633

121.50363

Personnel: Quang Do, Lance Haines

Date: 8/9/07

Arrival Time: 10:45

Field Measured Data

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

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS/cm)

1055

20.20

8.78

8.67

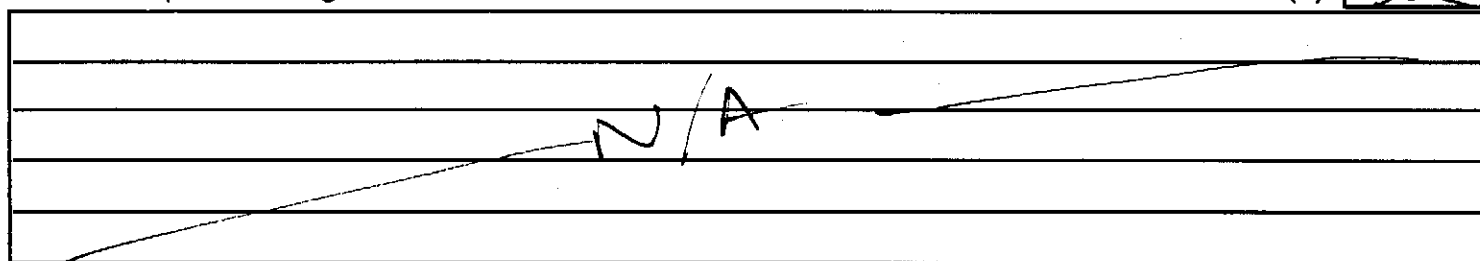
140

25.5

Flow Data

Flow and Depth recordings

Wet channel width (ft): 522



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
067-SRFPT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	5.0	
067-SRFPT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5.0	
067-SRFPT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	5.0	
067-SRFPT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5.0	
067-SRFPT-WE1	CONV14	Polyethylene, 500 mL [1] none	5.0	
067-SRFPT-WF.1	ATOX30	PTFE-lined PE, 5 Gal [1] none	5.0	

Time at Completion of Sampling: 11:10

Sampling Crew: PER North

Additional Notes or Comments:

** Due to strong current - sample depth reduced.*

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

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

Reference Latitude: 38.43467 38.43472

Longitude: -121.519167 121.52245

Personnel: Quang Do, Lance Hines

Date: 8/9/07 Arrival Time: 11:20

Field Measured Data

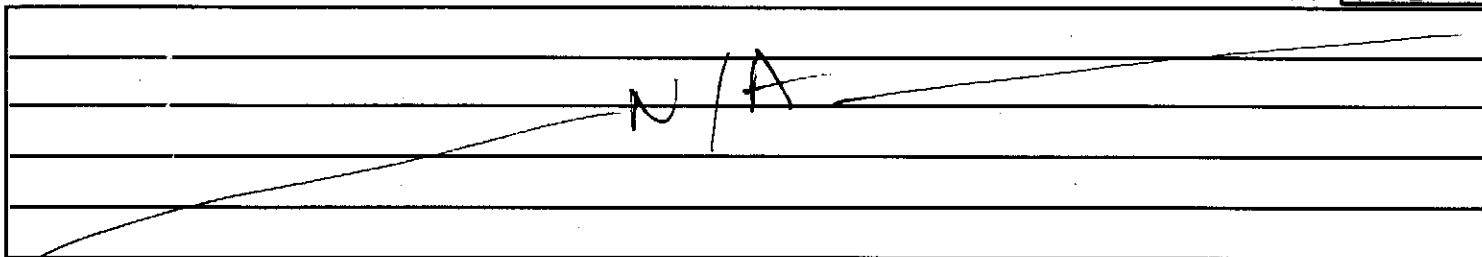
☐ Stage (ft), or
☒ Midchannel Depth (ft)

Time (PST) 11:20 Temp (°C) 20.37 pH 8.28 D. O. (mg/L) 8.58 EC (µS/cm) 146 29.6

Flow Data

Flow and Depth recordings

Wet channel width (ft): 498



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
067-SRRMF-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.5	
067-SRRMF-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.5	
067-SRRMF-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.5	
067-SRRMF-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.5	
067-SRRMF-WE1	CONV14	Polyethylene, 500 mL [1] none	4.5	

Time at Completion of Sampling: 11:45

Sampling Crew: PER North

Additional Notes or Comments:

* Due to strong current-sampling depth is reduced

Samples Analyzed by APPL

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	Bottles #	QA Info
<input checked="" type="checkbox"/> 067-CHKNT-WB1	Churn Creek at Knighton Road	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Field Blank	2	Field Blank
<input checked="" type="checkbox"/> 067-CHKNT-WE1	Churn Creek at Knighton Road	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	
<input checked="" type="checkbox"/> 067-YRMRY-WE1	Yuba River at Marysville	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	
<input checked="" type="checkbox"/> 067-COLDR-WE1	Colusa Basin Drain above KL	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	6	MSMSD
<input checked="" type="checkbox"/> 067-SACSL-WE1	Sacramento Slough	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	
<input checked="" type="checkbox"/> 067-SRVET-WE2	Sacramento River at Veterans Bridge	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	Field Duplicate

COC Analysis Notes for APPL:

☒ 067-YRMRY-WE2

PEST20 carbamates, urea pesticides

Environment 2 Field Dup

Samples Analyzed by Callest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	# Bottles	QA Info
067-SRBKR-WE1	Sacramento River below Keswick	BACT10: E. coli	Environmental	1	
067-CHKNT-WB1	Churn Creek at Knighton Road	CONV12: Dissolved Ortho-Phosphate	Field Blank	1	Field Blank
067-CHKNT-WB1	Churn Creek at Knighton Road	CONV40: NO3+NO2, TKN and Total P	Field Blank	1	Field Blank
067-CHKNT-WB1	Churn Creek at Knighton Road	CONV21: DOC	Field Blank	1	Field Blank
067-CHKNT-WE1	Churn Creek at Knighton Road	HGTF11: Total Hg, filtered	Environmental	1	
067-CHKNT-WE1	Churn Creek at Knighton Road	HGTU12: Total Hg, unfiltered	Environmental	1	
067-CHKNT-WE1	Churn Creek at Knighton Road	HGMF11: Methyl Hg, filtered	Environmental	1	
067-CHKNT-WE1	Churn Creek at Knighton Road	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-CHKNT-WE1	Churn Creek at Knighton Road	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
067-CHKNT-WE2	Churn Creek at Knighton Road	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
067-CHKNT-WE1	Churn Creek at Knighton Road	CONV40: NO3+NO2, TKN and Total P	Environmental	1	Field Duplicate
067-CHKNT-WE1	Churn Creek at Knighton Road	CONV22: TOC	Environmental	3	
067-CHKNT-WE1	Churn Creek at Knighton Road	CONV23: DOC and UVA254	Environmental	1	
067-CHKNT-WE2	Churn Creek at Knighton Road	CONV23: DOC and UVA254	Environmental	1	
067-CHKNT-WE1	Churn Creek at Knighton Road	BACT10: E. coli	Environmental	1	Field Duplicate
067-SRABB-WE1	Sacramento River above Bend Bridge	HGTF11: Total Hg, filtered	Environmental	1	
067-SRABB-WE1	Sacramento River above Bend Bridge	HGTU12: Total Hg, unfiltered	Environmental	1	
067-SRABB-WE1	Sacramento River above Bend Bridge	HGMF11: Methyl Hg, filtered	Environmental	1	
067-SRABB-WE1	Sacramento River above Bend Bridge	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-SRABB-WE1	Sacramento River above Bend Bridge	CONV16: TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1	
067-SRABB-WE1	Sacramento River above Bend Bridge	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
067-SRABB-WE1	Sacramento River above Bend Bridge	CONV22: TOC	Environmental	3	
067-SRABB-WE1	Sacramento River above Bend Bridge	CONV23: DOC and UVA254	Environmental	1	
067-SRABB-WE1	Sacramento River above Bend Bridge	BACT10: E. coli	Environmental	1	
067-SRHAM-WE1	Sacramento River near Hamilton City	HGTF11: Total Hg, filtered	Environmental	1	
067-SRHAM-WE1	Sacramento River near Hamilton City	HGTU12: Total Hg, unfiltered	Environmental	1	
067-SRHAM-WE1	Sacramento River near Hamilton City	HGMF11: Methyl Hg, filtered	Environmental	1	
067-SRHAM-WE1	Sacramento River near Hamilton City	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-SRHAM-WE1	Sacramento River near Hamilton City	CONV16: TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1	
067-SRHAM-WE1	Sacramento River near Hamilton City	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
067-SRHAM-WE1	Sacramento River near Hamilton City	CONV22: TOC	Environmental	3	
067-SRHAM-WE1	Sacramento River near Hamilton City	CONV23: DOC and UVA254	Environmental	1	
067-SRHAM-WE1	Sacramento River near Hamilton City	BACT10: E. coli	Environmental	1	

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	Bottles #	QA Info
067-SRCOL-WE1	Sacramento River at Colusa	HGTF11: Total Hg, filtered	Environmental	1	
067-SRCOL-WE1	Sacramento River at Colusa	HGTU12: Total Hg, unfiltered	Environmental	1	
067-SRCOL-WE1	Sacramento River at Colusa	HGMF11: Methyl Hg, filtered	Environmental	1	
067-SRCOL-WE1	Sacramento River at Colusa	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-SRCOL-WE1	Sacramento River at Colusa	CONV16: TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1	
067-SRCOL-WE1	Sacramento River at Colusa	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
067-SRCOL-WE1	Sacramento River at Colusa	CONV22: TOC	Environmental	3	
067-SRCOL-WE1	Sacramento River at Colusa	CONV23: DOC and UVA254	Environmental	1	
067-SRCOL-WE1	Sacramento River at Colusa	BACT10: E. coli	Environmental	1	
067-YRMRY-WB1	Yuba River at Marysville	HGTF11: Total Hg, filtered	Field Blank	1	Field Blank
067-YRMRY-WB1	Yuba River at Marysville	HGMF11: Methyl Hg, filtered	Field Blank	1	Field Blank
067-YRMRY-WE1	Yuba River at Marysville	HGTF11: Total Hg, filtered	Environmental	1	
067-YRMRY-WE1	Yuba River at Marysville	HGTU12: Total Hg, unfiltered	Environmental	1	
067-YRMRY-WE1	Yuba River at Marysville	HGMF11: Methyl Hg, filtered	Environmental	1	
067-YRMRY-WE1	Yuba River at Marysville	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-YRMRY-WE1	Yuba River at Marysville	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
067-YRMRY-WE1	Yuba River at Marysville	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
067-YRMRY-WE1	Yuba River at Marysville	CONV22: TOC	Environmental	3	
067-YRMRY-WE1	Yuba River at Marysville	CONV23: DOC and UVA254	Environmental	1	
067-YRMRY-WE1	Yuba River at Marysville	BACT10: E. coli	Environmental	1	
067-YRMRY-WE1	Yuba River at Marysville	HGTF11: Total Hg, filtered	Environmental	1	
067-COLDR-WE1	Colusa Basin Drain above KL	HGTU12: Total Hg, unfiltered	Environmental	1	
067-COLDR-WE1	Colusa Basin Drain above KL	HGMF11: Methyl Hg, filtered	Environmental	1	
067-COLDR-WE1	Colusa Basin Drain above KL	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-COLDR-WE1	Colusa Basin Drain above KL	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
067-COLDR-WE1	Colusa Basin Drain above KL	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
067-COLDR-WE1	Colusa Basin Drain above KL	CONV22: TOC	Environmental	3	
067-COLDR-WE1	Colusa Basin Drain above KL	CONV23: DOC and UVA254	Environmental	1	
067-COLDR-WE1	Colusa Basin Drain above KL	BACT10: E. coli	Environmental	1	
067-COLDR-WE1	Colusa Basin Drain above KL	HGTF11: Total Hg, filtered	Environmental	1	
067-COLDR-WE1	Colusa Basin Drain above KL	HGTU12: Total Hg, unfiltered	Environmental	1	
067-COLDR-WE1	Colusa Basin Drain above KL	HGMF11: Methyl Hg, filtered	Environmental	1	
067-COLDR-WE1	Colusa Basin Drain above KL	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-FRNIC-WE1	Feather River near Nicolaus	HGTF11: Total Hg, filtered	Environmental	1	
067-FRNIC-WE1	Feather River near Nicolaus	HGTU12: Total Hg, unfiltered	Environmental	1	
067-FRNIC-WE1	Feather River near Nicolaus	HGMF11: Methyl Hg, filtered	Environmental	1	
067-FRNIC-WE1	Feather River near Nicolaus	HGMU12: Methyl Hg, unfiltered	Environmental	1	

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	Bottles #	QA Info
067-FRNIC-WE1	Feather River near Nicolaus	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
067-FRNIC-WE1	Feather River near Nicolaus	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
067-FRNIC-WE1	Feather River near Nicolaus	CONV22: TOC	Environmental	3	
067-FRNIC-WE1	Feather River near Nicolaus	CONV23: DOC and UVA254	Environmental	1	
067-SACSL-WB1	Feather River near Nicolaus	BACT10: E. coli	Environmental	1	
067-SACSL-WE1	Sacramento Slough	BACT10: E. coli	Field Blank	1	Field Blank
067-SACSL-WE1	Sacramento Slough	HGTF11: Total Hg, filtered	Environmental	1	
067-SACSL-WE1	Sacramento Slough	HGTU12: Total Hg, unfiltered	Environmental	1	
067-SACSL-WE1	Sacramento Slough	HGMF11: Methyl Hg, filtered	Environmental	1	
067-SACSL-WE1	Sacramento Slough	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-SACSL-WE1	Sacramento Slough	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
067-SACSL-WE1	Sacramento Slough	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
067-SACSL-WE1	Sacramento Slough	CONV22: TOC	Environmental	3	
067-SACSL-WE1	Sacramento Slough	CONV23: DOC and UVA254	Environmental	1	
067-SACSL-WE1	Sacramento Slough	BACT10: E. coli	Environmental	1	
067-SRVET-WE1	Sacramento River at Veterans Bridge	HGTF11: Total Hg, filtered	Environmental	1	
067-SRVET-WE1	Sacramento River at Veterans Bridge	HGTU12: Total Hg, unfiltered	Environmental	1	
067-SRVET-WE1	Sacramento River at Veterans Bridge	HGTU12: Total Hg, unfiltered	Environmental	1	Field Duplicate
067-SRVET-WE2	Sacramento River at Veterans Bridge	HGMF11: Methyl Hg, filtered	Environmental	1	
067-SRVET-WE1	Sacramento River at Veterans Bridge	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-SRVET-WE1	Sacramento River at Veterans Bridge	HGMU12: Methyl Hg, unfiltered	Environmental	1	Field Duplicate
067-SRVET-WE2	Sacramento River at Veterans Bridge	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-SRVET-WE1	Sacramento River at Veterans Bridge	CONV14: Sulfate, TSS	Environmental	1	
067-SRVET-WE2	Sacramento River at Veterans Bridge	CONV14: Sulfate, TSS	Environmental	1	Field Duplicate
067-ARDPK-WE1	American River at Discovery Park	HGTF11: Total Hg, filtered	Environmental	1	
067-ARDPK-WE1	American River at Discovery Park	HGTU12: Total Hg, unfiltered	Environmental	1	
067-ARDPK-WE1	American River at Discovery Park	HGMF11: Methyl Hg, filtered	Environmental	1	
067-ARDPK-WE1	American River at Discovery Park	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-SRRMF-WE1	Sacramento River at River Mile 44	HGTF11: Total Hg, filtered	Environmental	1	
067-SRRMF-WE1	Sacramento River at River Mile 44	HGTU12: Total Hg, unfiltered	Environmental	1	
067-SRRMF-WE1	Sacramento River at River Mile 44	HGMF11: Methyl Hg, filtered	Environmental	1	
067-SRRMF-WE1	Sacramento River at River Mile 44	HGMU12: Methyl Hg, unfiltered	Environmental	1	
067-SRRMF-WE1	Sacramento River at River Mile 44	CONV14: Sulfate, TSS	Environmental	1	
067-SRRMF-WE1	Sacramento River at River Mile 44	HGTF11: Total Hg, filtered	Environmental	1	

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	# Bottles	QA Info
<input checked="" type="checkbox"/> 067-SRPT-WE1	Sacramento River at Freeport	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 067-SRPT-WE1	Sacramento River at Freeport	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 067-SRPT-WE1	Sacramento River at Freeport	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 067-SRPT-WE1	Sacramento River at Freeport	CONV14: Sulfate, TSS	Environmental	1	

COC Analysis Notes for Caltest:

Samples Collected by PER North

Samples Analyzed by CRG

Sample ID	Site Description	Analyte Group	Sample Type	# Bottles	QA Info
<input checked="" type="checkbox"/> 067-SRBKR-WE1	Sacramento River below Keswick	PEST10: OP pesticides (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 067-CHKNT-WB1	Churn Creek at Knighton Road	PEST11: OPs & Triazines (EPA625m)	Field Blank	2	Field Blank
<input checked="" type="checkbox"/> 067-CHKNT-WE1	Churn Creek at Knighton Road	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 067-SRHAM-WE1	Sacramento River near Hamilton City	PEST11: OPs & Triazines (EPA625m)	Environmental	6	MS/MSD
<input checked="" type="checkbox"/> 067-SRCOL-WE1	Sacramento River at Colusa	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 067-YRMRY-WE1	Yuba River at Marysville	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 067-COLDR-WE1	Colusa Basin Drain above KL	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 067-FRNIC-WE1	Feather River near Nicolaus	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 067-SACSL-WE1	Sacramento Slough	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 067-SRVET-WE1	Sacramento River at Veterans Bridge	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 067-SRVET-WE2	Sacramento River at Veterans Bridge	PEST11: OPs & 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	# Bottles	QA Info
<input checked="" type="checkbox"/> 067-SRBKR-WE1	Sacramento River below Keswick	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 067-CHKNT-WE1	Churn Creek at Knighton Road	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 067-SRABB-WE1	Sacramento River above Bend Bridge	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 067-SRHAM-WE1	Sacramento River near Hamilton City	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 067-SRCOL-WE1	Sacramento River at Colusa	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 067-YRMRY-WE1	Yuba River at Marysville	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 067-COLDR-WE1	Colusa Basin Drain above KL	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 067-FRNIC-WE1	Feather River near Nicolaus	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 067-SACSL-WE1	Sacramento Slough	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 067-SRVET-WE1	Sacramento River at Veterans Bridge	ATOX30: Aquatic toxicity, 3 species	Environmental	2	Lab Duplicate
<input checked="" type="checkbox"/> 067-ARDPK-WE1	American River at Discovery Park	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 067-SRFTPT-WE1	Sacramento River at Freeport	ATOX30: Aquatic toxicity, 3 species	Environmental	1	

COC Analysis Notes for PER: