

Sacramento River Watershed Program

Field Sampling Event 61:

Field Log

March 2007



PACIFIC ECORISK
ENVIRONMENTAL CONSULTING & TESTING

Event 061 Samples Collected by PER North

Sacramento River below Keswick					SRBKR
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 061-SRBKR-WE1	OP pesticides (EPA625m)	Environmental	2		CRG
<input checked="" type="checkbox"/> 061-SRBKR-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRBKR-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRBKR samples ▲					

Churn Creek at Knighton Road					CHKNT
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 061-CHKNT-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-CHKNT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-CHKNT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-CHKNT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-CHKNT-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-CHKNT-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-CHKNT-WE1	TOC	Environmental	3		Caltest
<input checked="" type="checkbox"/> 061-CHKNT-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-CHKNT-WE1	OPs & Triazines (EPA625m)	Environmental	2		CRG
<input checked="" type="checkbox"/> 061-CHKNT-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	6	MS/MSD	APPL
<input checked="" type="checkbox"/> 061-CHKNT-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-CHKNT-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ CHKNT samples ▲					

Sacramento River above Bend Bridge					SRABB
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 061-SRABB-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRABB-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRABB-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRABB-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRABB-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRABB-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRABB-WE1	TOC	Environmental	3		Caltest
<input checked="" type="checkbox"/> 061-SRABB-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRABB-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRABB-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRABB samples ▲					

Event 061 Samples Collected by PER North

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

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

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

Event 061 Samples Collected by PER North

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

▲ COLDR samples ▲

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

▲ FRNIC samples ▲

Sacramento Slough					SACSL
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
061-SACSL-WE1	Total Hg, filtered	Environmental	1		Caltest
061-SACSL-WE1	Total Hg, unfiltered	Environmental	1		Caltest
061-SACSL-WE2	Total Hg, unfiltered	Environmental	1	Field Duplicate	Caltest
061-SACSL-WE1	Methyl Hg, filtered	Environmental	1		Caltest
061-SACSL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
061-SACSL-WE2	Methyl Hg, unfiltered	Environmental	1	Field Duplicate	Caltest
061-SACSL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
061-SACSL-WE2	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	Field Duplicate	Caltest
061-SACSL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
061-SACSL-WE2	NO3+NO2, TKN and Total P	Environmental	1	Field Duplicate	Caltest
061-SACSL-WE1	TOC	Environmental	3		Caltest
061-SACSL-WE2	TOC	Environmental	3	Field Duplicate	Caltest
061-SACSL-WE1	DOC and UVA254	Environmental	1		Caltest
061-SACSL-WE1	OPs & Triazines (EPA625m)	Environmental	2		CRG
061-SACSL-WE2	OPs & Triazines (EPA625m)	Environmental	2	Field Duplicate	CRG
061-SACSL-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2		APPL
061-SACSL-WE2	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	Field Duplicate	APPL
061-SACSL-WE1	E. coli	Environmental	1		Caltest
061-SACSL-WE1	Aquatic toxicity, 3 species	Environmental	2	Lab Duplicate	PER

▲ SACSL samples ▲

Event 061 Samples Collected by PER North

Sacramento River at Veterans Bridge					SRVET
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 061-SRVET-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRVET-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRVET-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRVET-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRVET-WE1	Sulfate, TSS	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRVET-WE2	Sulfate, TSS	Environmental	1	Field Duplicate	Caltest
<input checked="" type="checkbox"/> 061-SRVET-WE1	OPs & Triazines (EPA625m)	Environmental	6	MS/MSD	CRG
<input checked="" type="checkbox"/> 061-SRVET-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRVET samples ▲					

American River at Discovery Park					ARDPK
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 061-ARDPK-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-ARDPK-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-ARDPK-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-ARDPK-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-ARDPK-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ ARDPK samples ▲					

Sacramento River at River Mile 44					SRRMF
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 061-SRRMF-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRRMF-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRRMF-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRRMF-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRRMF-WE1	Sulfate, TSS	Environmental	1		Caltest
▲ SRRMF samples ▲					

Event 061 Samples Collected by PER North

Sacramento River at Freeport					SRFPT
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Sulfate, TSS	Environmental	1		Caltest
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRFPT samples ▲					

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento River below Keswick Reference: 40.6011167 GPS Readings: 40.601038
 Longitude: -122.443333 -122.44596
 Personnel: Quang Do, Lance Haines Date: 3/27/07 Arrival Time: 12:05

Field Measured Data

Time (PST) Temp (°C) pH D. O. (mg/L) EC (µS/cm) ☐ Stage (ft), or Midchannel Depth (ft)
12:20 10.14 7.50 12.5 131 N/A

Flow Data

Flow and Depth recordings

Wet channel width (ft): 117

(Flow and Depth recording area with a diagonal line and "N/A" written across it)

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

Time at Completion of Sampling: 12:50

Sampling Crew: PER North

Additional Notes or Comments:

*water is clear with good flow
water level is low*

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Churn Creek at Knighton Road Reference: 40.5082 GPS Readings: 40.50889
Latitude: 40.5082 Longitude: -122.3162 -122.31672
Personnel: Joan D., Lance Gaines Date: 3/27/07 Arrival Time: 13:00

Field Measured Data

Time (PST) 13:10 Temp (°C) 14.87 pH 7.47 D. O. (mg/L) 9.74 EC (µS/cm) 216
☐ Stage (ft), or ☒ Midchannel Depth (ft) 0.8

Flow Data

Flow and Depth recordings START 1 foot between measurement
4ft from R bank to 4ft from L Bank Wet channel width (ft): 18

Depth	Velocity	D	V	Q
① 0.3	0.66	6	0.6	1.16
② 0.5	1.12	7	0.5	1.44
③ 0.5	1.43	8	0.5	1.45
④ 0.6	1.12	9	0.7	1.30
⑤ 0.6	1.12	10	0.7	1.42

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
061-CHKNT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	0.8'	
061-CHKNT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.8'	
061-CHKNT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	0.8'	
061-CHKNT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	0.8'	
061-CHKNT-WE1	CONV15	Polyethylene, 2 L [1] none	0.8'	
061-CHKNT-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	0.8'	
061-CHKNT-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05'	DTC
061-CHKNT-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.08'	DTC
061-CHKNT-WE1	PEST11	Amber Glass, 1 L [2] none	0.8'	
061-CHKNT-WE1	PEST20	Amber Glass, 1 L [6] none	0.8'	MS/MSD
061-CHKNT-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05'	DTC
061-CHKNT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	0.8'	

Time at Completion of Sampling: 14:10

Sampling Crew: PER North

Additional Notes or Comments:

uneven creek bed

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento River above Bend Bridge Reference: 40.2886167 GPS Readings: 40.26563
 Latitude: 40.2886167 Longitude: -122.18555 -122.22205
 Personnel: Lance Haines, Quang Do Date: 3/27/07 Arrival Time: 15:40

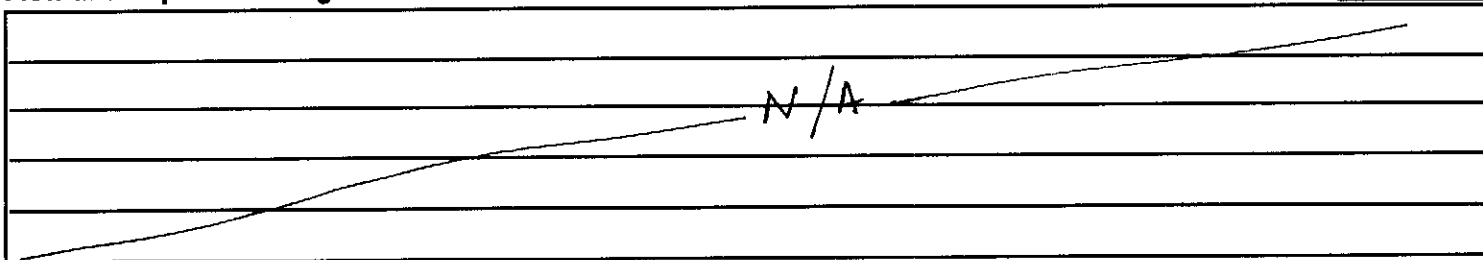
Field Measured Data

Time (PST) 15:45 Temp (°C) 11.28 pH 7.36 D. O. (mg/L) 12.3 EC (µS/cm) 128 ☐ Stage (ft), or ☒ Midchannel Depth (ft) 8.1

Flow Data

Flow and Depth recordings

Wet channel width (ft): 384



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

Time at Completion of Sampling: 1615

Sampling Crew: PER North

Additional Notes or Comments:

unable to sample at middepth due to ^{strong} current

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento River near Hamilton City Reference: 39.752 GPS Readings: 39.75724
 Latitude: 39.752 Longitude: -121.994 -122.00441
 Personnel: Lana Haines, Quang Do Date: 3/27/07 Arrival Time: 1740

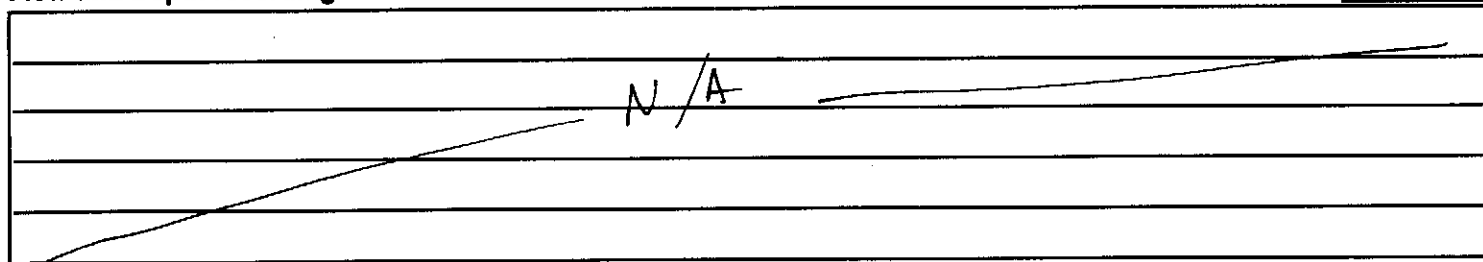
Field Measured Data

Time (PST) 1800 Temp (°C) 13.06 pH 7.80 D. O. (mg/L) 12.6 EC (µS/cm) 133 ☐ Stage (ft), or ☒ Midchannel Depth (ft) 8.1

Flow Data

Flow and Depth recordings

Wet channel width (ft): 615



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
061-SRHAM-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	4	
061-SRHAM-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4	
061-SRHAM-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	4	
061-SRHAM-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4	
061-SRHAM-WE1	CONV16	Polyethylene, 2 L [1] none	4	
061-SRHAM-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	4	
061-SRHAM-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	PTL
061-SRHAM-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	PTL
061-SRHAM-WE1	PEST11	Amber Glass, 1 L [2] none	4	
061-SRHAM-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	PTL
061-SRHAM-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	4	

Time at Completion of Sampling: 18:45

Sampling Crew: PER North

Additional Notes or Comments:

shallow riverbed (~ 2.5 feet) 300' across from right bank

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Sacramento River at Colusa
 Reference: 39.2141667
 GPS Readings: 39.21631
 Latitude: 39.2141667
 Longitude: -121.999167
-122.01144
 Personnel: Quang Do, Lance Haines
 Date: 3/28/07
 Arrival Time: 8:30

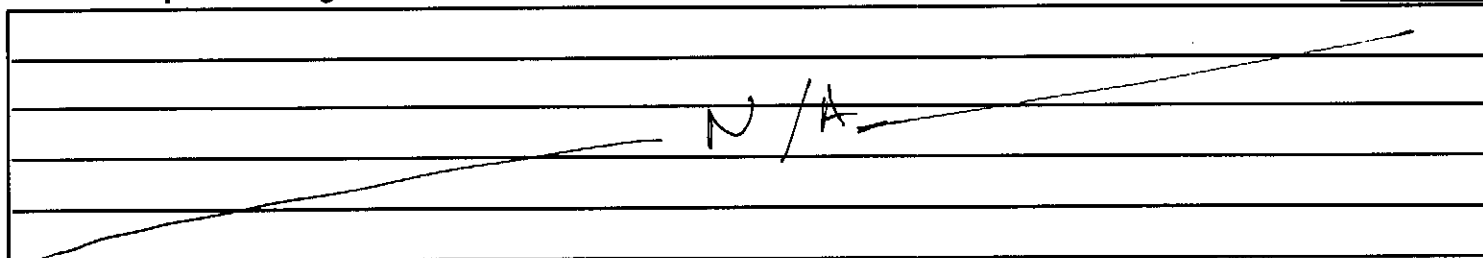
Field Measured Data

Time (PST) 9:00
 Temp (°C) 12.7
 pH 7.65
 D. O. (mg/L) 12.1
 EC (µS/cm) 151
☐ Stage (ft), or
☐ Midchannel Depth (ft) N/A

Flow Data

Flow and Depth recordings

Wet channel width (ft): 327



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
061-SRCOL-WB1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	N/A	Field Blank
061-SRCOL-WB1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	N/A	Field Blank
061-SRCOL-WB1	CONV12	Polyethylene, 500 mL [1] none	N/A	Field Blank
061-SRCOL-WB1	CONV40	Polyethylene, 0.5 L [1] H2SO4	N/A	Field Blank
061-SRCOL-WB1	CONV21	Amber glass, PTFE lined cap, 125 mL [1] none	N/A	Field Blank
061-SRCOL-WB1	PEST11	Amber Glass, 1 L [2] none	N/A	Field Blank
061-SRCOL-WB1	BACT10	Polyethylene, 125 mL [1] none	N/A	Field Blank
061-SRCOL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2	
061-SRCOL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2	
061-SRCOL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2	
061-SRCOL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2	
061-SRCOL-WE1	CONV16	Polyethylene, 2 L [1] none	2	
061-SRCOL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2	
061-SRCOL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
061-SRCOL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
061-SRCOL-WE1	PEST11	Amber Glass, 1 L [2] none	2	
061-SRCOL-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
061-SRCOL-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2	

Time at Completion of Sampling: 9:30

Sampling Crew: PER North

Additional Notes or Comments:

unable to launch boat due to dry channel. Sampling was conducted from shore.

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Yuba River at Marysville Reference: 39.144445 GPS Readings: 39.14199
Latitude: 39.144445 Longitude: -121.576388 -121.57616
Personnel: Quang Do, Lence Haines Date: 3/28/07 Arrival Time: 1045

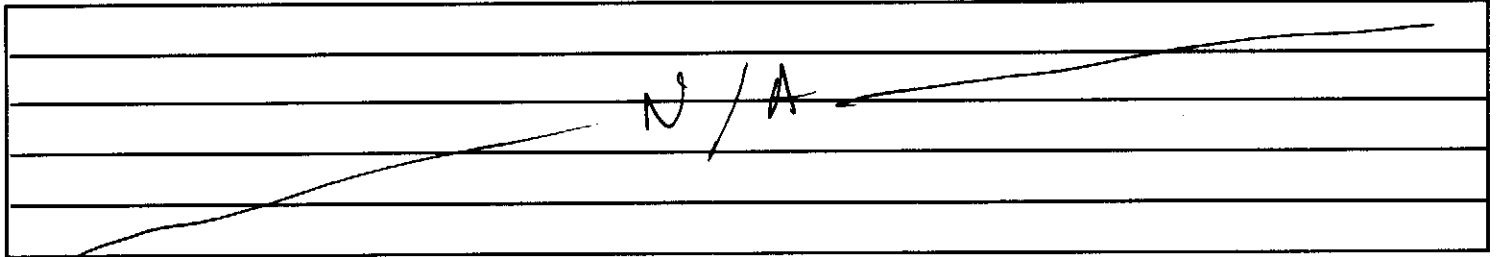
Field Measured Data

Time (PST) 11:00 Temp (°C) 10.55 pH 7.66 D. O. (mg/L) 12.4 EC (µS/cm) 82
☐ Stage (ft), or Midchannel Depth (ft) N/A

Flow Data

Flow and Depth recordings

Wet channel width (ft): 183



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
061-YRMRY-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
061-YRMRY-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
061-YRMRY-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
061-YRMRY-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
061-YRMRY-WE1	CONV15	Polyethylene, 2 L [1] none	2.5	
061-YRMRY-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.5	
061-YRMRY-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
061-YRMRY-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
061-YRMRY-WE1	PEST11	Amber Glass, 1 L [2] none	2.5	
061-YRMRY-WE1	PEST20	Amber Glass, 1 L [2] none	2.5	
061-YRMRY-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
061-YRMRY-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.5	

Time at Completion of Sampling: 1130

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: 38.8120667 GPS Readings: 38.81183
Latitude: 38.8120667 Longitude: -121.774083 -121.77417
Personnel: Quang Do, Lance Haines Date: 3/28/07 Arrival Time: 12:15

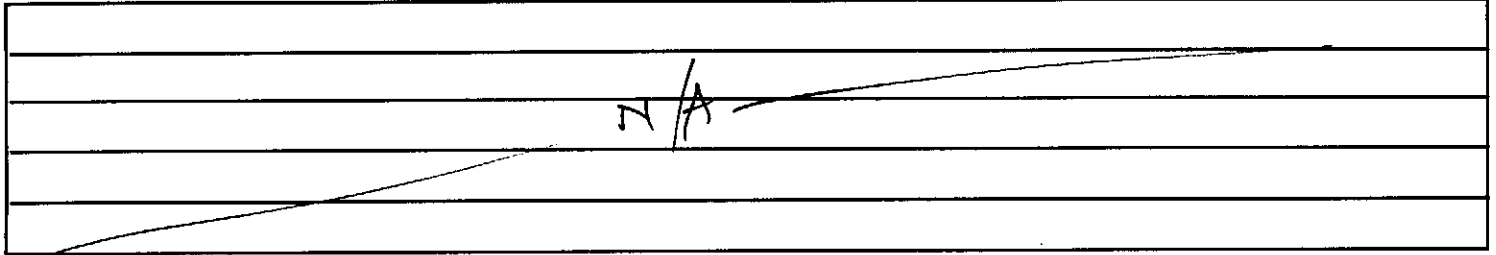
Field Measured Data

Time (PST) 12:30 Temp (°C) 14.67 pH 8.10 D. O. (mg/L) 7.6 EC (µS/cm) 702
☐ Stage (ft), or Midchannel Depth (ft) N/A

Flow Data

Flow and Depth recordings

Wet channel width (ft): 132



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
061-COLDR-WB1	PEST20	Amber Glass, 1 L [2] none	0.05 to 0.15	Field Blank
061-COLDR-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3	
061-COLDR-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3	
061-COLDR-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	3	
061-COLDR-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3	
061-COLDR-WE1	CONV15	Polyethylene, 2 L [1] none	3	
061-COLDR-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	3	
061-COLDR-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
061-COLDR-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
061-COLDR-WE1	PEST11	Amber Glass, 1 L [2] none	3	
061-COLDR-WE1	PEST20	Amber Glass, 1 L [2] none	3	
061-COLDR-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
061-COLDR-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	3	

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

Site: Sacramento River at River Mile 44 Reference: 38.43467 GPS Readings: 38.43454
 Latitude: 38.43467 Longitude: -121.519167 -121.51929
 Personnel: Quang DO, Lance Haines Date: 3/28/07 Arrival Time: 15:00

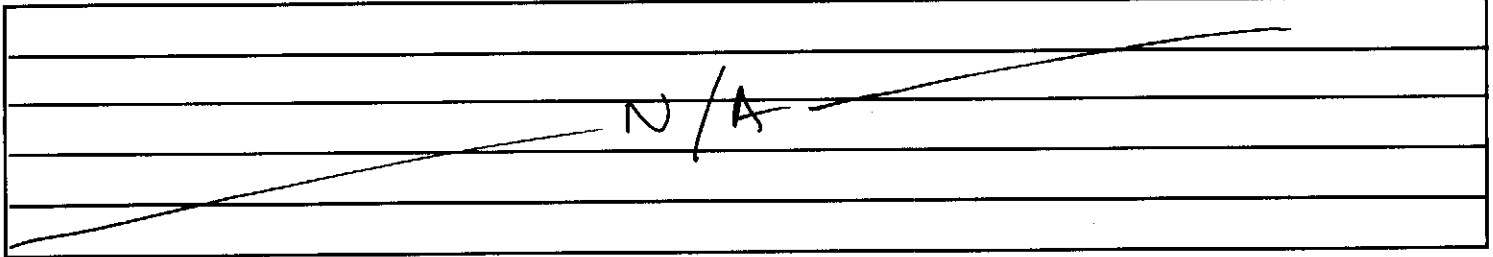
Field Measured Data

Time (PST) 15:15 Temp (°C) 14.73 pH 7.26 D. O. (mg/L) 8.6 EC (µS/cm) 165 ☐ Stage (ft), or ☒ Midchannel Depth (ft) 32.3

Flow Data

Flow and Depth recordings

Wet channel width (ft): 450
32.3



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
061-SRRMF-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	5	
061-SRRMF-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5	
061-SRRMF-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	5	
061-SRRMF-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5	
061-SRRMF-WE1	CONV14	Polyethylene, 500 mL [1] none	5	

Time at Completion of Sampling: 15:25

Sampling Crew: PER North

Additional Notes or Comments:

unable to sample at mid depth due to current levee construction ~ 1 mile upstream of sampling point

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: **Sacramento River at Freeport**

Reference: Latitude: 38.45815 GPS Readings: 38.46059
Longitude: -121.502633 -121.50327
Personnel: Quang Do, Lance Haines Date: 3/28/07 Arrival Time: 15:45

Field Measured Data

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

16:00 14.58 7.63 9.1 149 22.6

Flow Data

Flow and Depth recordings

Wet channel width (ft): 534

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
061-SRFPT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.0	
061-SRFPT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.0	
061-SRFPT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.0	
061-SRFPT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.0	
061-SRFPT-WE1	CONV14	Polyethylene, 500 mL [1] none	4.0	
061-SRFPT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	4.0	

Time at Completion of Sampling: 1630

Sampling Crew: PER North

Additional Notes or Comments:

unable to sample at middepth due to current

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: American River at Discovery Park

Reference: 38.60195 GPS Readings: 38.60159
 Longitude: -121.501117 -121.50065
 Personnel: Quang Do, Lance Haines Date: 3/28/07 Arrival Time: 17:00

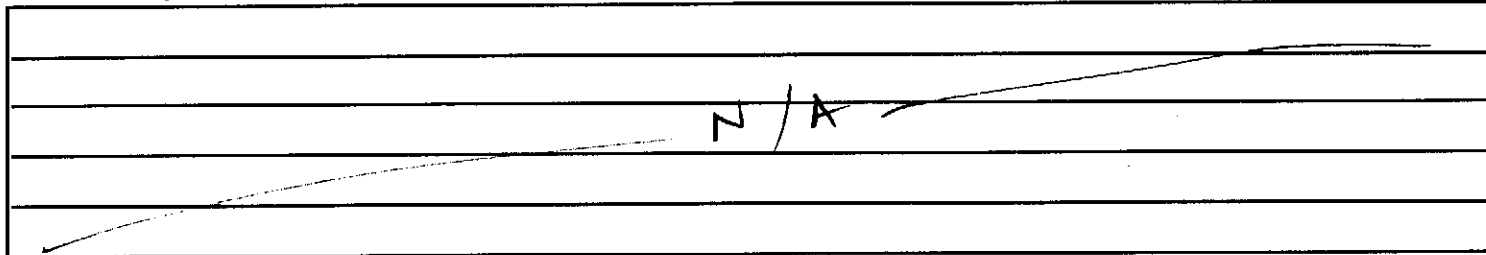
Field Measured Data

Time (PST) 17:30 Temp (°C) 13.20 pH 7.61 D. O. (mg/L) 10.1 EC (µS/cm) 70
☐ Stage (ft), or ☒ Midchannel Depth (ft) 8.2

Flow Data

Flow and Depth recordings

Wet channel width (ft): 423



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
061-ARDPK-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	4	
061-ARDPK-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4	
061-ARDPK-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	4	
061-ARDPK-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4	
061-ARDPK-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	4	

Time at Completion of Sampling: 18:00

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: 38.6746833 GPS Readings: 38.67683
Latitude: 38.6746833 Longitude: -121.627517 -121.62972
Personnel: Quang DO, Lance Heines Date: 3/29/07 Arrival Time: 8:25

Field Measured Data

Time (PST) 8:45 Temp (°C) 13.78 pH 7.73 D. O. (mg/L) 9.9 EC (µS/cm) 145
☐ Stage (ft), or ☒ Midchannel Depth (ft) 11.7

Flow Data

Flow and Depth recordings

Wet channel width (ft): 492

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
061-SRVET-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>2.5</u>	
061-SRVET-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>2.5</u>	
061-SRVET-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	<u>2.5</u>	
061-SRVET-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	<u>2.5</u>	
061-SRVET-WE1	CONV14	Polyethylene, 500 mL [1] none	<u>2.5</u>	
061-SRVET-WE2	CONV14	Polyethylene, 500 mL [1] none	<u>2.5</u>	Field Duplicate
061-SRVET-WE1	PEST11	Amber Glass, 1 L [6] none	<u>2.5</u>	MS/MSD
061-SRVET-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	<u>2.5</u>	

Time at Completion of Sampling: 9:00

Sampling Crew: PER North

Additional Notes or Comments:

unable to sample at middepth due to strong current

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Feather River near Nicolaus

Reference: 38.903 GPS Readings: 38.78904

Latitude: -121.586167 Longitude: -121.62626

Personnel: Quang Do, Lance Haines Date: 3/29/07 Arrival Time: 9:50

Field Measured Data

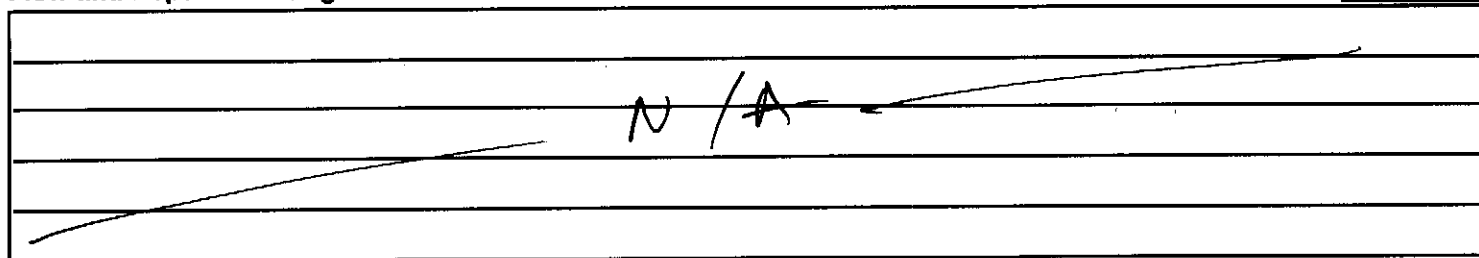
Time (PST) 10:00 Temp (°C) 12.63 pH 7.44 D. O. (mg/L) 10.2 EC (µS/cm) 101

☐ Stage (ft), or ☒ Midchannel Depth (ft) 5.94 7.0

Flow Data

Flow and Depth recordings

Wet channel width (ft): 594



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
061-FRNIC-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.5	
061-FRNIC-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.5	
061-FRNIC-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	3.5	
061-FRNIC-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	3.5	
061-FRNIC-WE1	CONV15	Polyethylene, 2 L [1] none	3.5	
061-FRNIC-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	3.5	
061-FRNIC-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
061-FRNIC-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
061-FRNIC-WE1	PEST11	Amber Glass, 1 L [2] none	3.5	
061-FRNIC-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	PTC
061-FRNIC-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	3.5	

Time at Completion of Sampling: 10:55

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento Slough Reference: 38.783333 GPS Readings: 38.78349
Latitude: 38.783333 Longitude: -121.63375 -121.63377
Personnel: Quang Do, Laura Haines Date: 3/29/07 Arrival Time: 11:00

Field Measured Data

Time (PST) 11:30 Temp (°C) 14.35 pH 7.77 D. O. (mg/L) 9.0 EC (µS/cm) 379
☐ Stage (ft), or ☒ Midchannel Depth (ft) 12.5

Flow Data

Flow and Depth recordings

Wet channel width (ft): 108

not measured

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
061-SACSL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.5	
061-SACSL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.5	
061-SACSL-WE2	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.5	Field Duplicate
061-SACSL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	4.5	
061-SACSL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.5	
061-SACSL-WE2	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	4.5	Field Duplicate
061-SACSL-WE1	CONV15	Polyethylene, 2 L [1] none	4.5	
061-SACSL-WE2	CONV15	Polyethylene, 2 L [1] none	4.5	Field Duplicate
061-SACSL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	4.5	
061-SACSL-WE2	CONV40	Polyethylene, 0.5 L [1] H2SO4	4.5	Field Duplicate
061-SACSL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	OTC
061-SACSL-WE2	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	Field Duplicate
061-SACSL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	OTC
061-SACSL-WE1	PEST11	Amber Glass, 1 L [2] none	4.5	
061-SACSL-WE2	PEST11	Amber Glass, 1 L [2] none	4.5	Field Duplicate
061-SACSL-WE1	PEST20	Amber Glass, 1 L [2] none	4.5	
061-SACSL-WE2	PEST20	Amber Glass, 1 L [2] none	4.5	Field Duplicate
061-SACSL-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	OTC
061-SACSL-WE1	ATOX30	PTFE-lined PE, 5 Gal [2] none	4.5	Lab Duplicate

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento Slough Reference: 38.7833333 GPS Readings:
Latitude: 38.7833333 Longitude: -121.63375
Personnel: Quang Do, Lance Haines Date: 3/29/07 Arrival Time: 11:00

Field Measured Data

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

Flow Data

Flow and Depth recordings

Wet channel width (ft):

not measured

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

Time at Completion of Sampling: 12:30

Sampling Crew: PER North

Additional Notes or Comments:

unable to measure flow and depth across channel. Presence of numerous ^{fallen} trees in the slough prevents safe maneuvering of vessel. Going upstream of debris area ~~was~~ is not possible.

Samples Analyzed by APPL

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	# Bottles	QA Info
<input checked="" type="checkbox"/> 061-CHKNT-WE1	Chum Creek at Knighton Road	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	6	MS/MSD
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	
<input checked="" type="checkbox"/> 061-COLDR-WB1	Colusa Basin Drain above KL	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Field Blank	2	Field Blank
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	
<input checked="" type="checkbox"/> 061-SACSL-WE2	Sacramento Slough	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	Field Duplicate

COC Analysis Notes for APPL:

Samples Analyzed by Caltest

Samples Collected by PER North

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

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	# Bottles	QA Info
<input checked="" type="checkbox"/> 061-SRCOL-WB1	Sacramento River at Colusa	BACT10: E. coli	Field Blank	1	Field Blank
<input checked="" type="checkbox"/> 061-SRCOL-WE1	Sacramento River at Colusa	HGTF11: Total Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRCOL-WE1	Sacramento River at Colusa	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRCOL-WE1	Sacramento River at Colusa	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRCOL-WE1	Sacramento River at Colusa	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRCOL-WE1	Sacramento River at Colusa	CONV16: TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1	
<input checked="" type="checkbox"/> 061-SRCOL-WE1	Sacramento River at Colusa	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
<input checked="" type="checkbox"/> 061-SRCOL-WE1	Sacramento River at Colusa	CONV22: TOC	Environmental	3	
<input checked="" type="checkbox"/> 061-SRCOL-WE1	Sacramento River at Colusa	CONV23: DOC and UVA254	Environmental	1	
<input checked="" type="checkbox"/> 061-SRCOL-WE1	Sacramento River at Colusa	BACT10: E. coli	Environmental	1	
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	HGTF11: Total Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	CONV22: TOC	Environmental	3	
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	CONV23: DOC and UVA254	Environmental	1	
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	BACT10: E. coli	Environmental	1	
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	HGTF11: Total Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	CONV22: TOC	Environmental	3	
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	CONV23: DOC and UVA254	Environmental	1	
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	BACT10: E. coli	Environmental	1	
<input checked="" type="checkbox"/> 061-FRNIC-WE1	Feather River near Nicolaus	HGTF11: Total Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-FRNIC-WE1	Feather River near Nicolaus	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-FRNIC-WE1	Feather River near Nicolaus	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-FRNIC-WE1	Feather River near Nicolaus	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-FRNIC-WE1	Feather River near Nicolaus	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	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"/> 061-FRNIC-WE1	Feather River near Nicolaus	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
<input checked="" type="checkbox"/> 061-FRNIC-WE1	Feather River near Nicolaus	CONV22: TOC	Environmental	3	
<input checked="" type="checkbox"/> 061-FRNIC-WE1	Feather River near Nicolaus	CONV23: DOC and UVA254	Environmental	1	
<input checked="" type="checkbox"/> 061-FRNIC-WE1	Feather River near Nicolaus	BACT10: E. coli	Environmental	1	
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	HGTF11: Total Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-SACSL-WE2	Sacramento Slough	HGTU12: Total Hg, unfiltered	Environmental	1	Field Duplicate
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-SACSL-WE2	Sacramento Slough	HGMU12: Methyl Hg, unfiltered	Environmental	1	Field Duplicate
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
<input checked="" type="checkbox"/> 061-SACSL-WE2	Sacramento Slough	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	Field Duplicate
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
<input checked="" type="checkbox"/> 061-SACSL-WE2	Sacramento Slough	CONV40: NO3+NO2, TKN and Total P	Environmental	1	Field Duplicate
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	CONV22: TOC	Environmental	3	
<input checked="" type="checkbox"/> 061-SACSL-WE2	Sacramento Slough	CONV22: TOC	Environmental	3	Field Duplicate
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	CONV23: DOC and UVA254	Environmental	1	
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	BACT10: E. coli	Environmental	1	
<input checked="" type="checkbox"/> 061-SRVET-WE1	Sacramento River at Veterans Bridge	HGTF11: Total Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRVET-WE1	Sacramento River at Veterans Bridge	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRVET-WE1	Sacramento River at Veterans Bridge	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRVET-WE1	Sacramento River at Veterans Bridge	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRVET-WE1	Sacramento River at Veterans Bridge	CONV14: Sulfate, TSS	Environmental	1	
<input checked="" type="checkbox"/> 061-SRVET-WE2	Sacramento River at Veterans Bridge	CONV14: Sulfate, TSS	Environmental	1	Field Duplicate
<input checked="" type="checkbox"/> 061-ARDPK-WE1	American River at Discovery Park	HGTF11: Total Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-ARDPK-WE1	American River at Discovery Park	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-ARDPK-WE1	American River at Discovery Park	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-ARDPK-WE1	American River at Discovery Park	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-ARDPK-WE1	American River at Discovery Park	HGTF11: Total Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRRMF-WE1	Sacramento River at River Mile 44	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRRMF-WE1	Sacramento River at River Mile 44	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRRMF-WE1	Sacramento River at River Mile 44	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-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	# Bottles	QA Info
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Sacramento River at Freeport	HGTF11: Total Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Sacramento River at Freeport	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Sacramento River at Freeport	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Sacramento River at Freeport	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Sacramento River at Freeport	CONV14: Sulfate, TSS	Environmental	1	

COC Analysis Notes for Caltest:

Samples Analyzed by CRG

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	#	Bottles	QA Info
<input checked="" type="checkbox"/> 061-SRBKR-WE1	Sacramento River below Keswick	PEST10: OP pesticides (EPA625m)	Environmental	2		
<input checked="" type="checkbox"/> 061-CHKNT-WE1	Churn Creek at Knighton Road	PEST11: OPs & Triazines (EPA625m)	Environmental	2		
<input checked="" type="checkbox"/> 061-SRHAM-WE1	Sacramento River near Hamilton City	PEST11: OPs & Triazines (EPA625m)	Environmental	2		
<input checked="" type="checkbox"/> 061-SRCOL-WB1	Sacramento River at Colusa	PEST11: OPs & Triazines (EPA625m)	Field Blank	2	Field Blank	
<input checked="" type="checkbox"/> 061-SRCOL-WE1	Sacramento River at Colusa	PEST11: OPs & Triazines (EPA625m)	Environmental	2		
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	PEST11: OPs & Triazines (EPA625m)	Environmental	2		
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	PEST11: OPs & Triazines (EPA625m)	Environmental	2		
<input checked="" type="checkbox"/> 061-FRNIC-WE1	Feather River near Nicolaus	PEST11: OPs & Triazines (EPA625m)	Environmental	2		
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	PEST11: OPs & Triazines (EPA625m)	Environmental	2		
<input checked="" type="checkbox"/> 061-SACSL-WE2	Sacramento Slough	PEST11: OPs & Triazines (EPA625m)	Environmental	2	Field Duplicate	
<input checked="" type="checkbox"/> 061-SRVET-WE1	Sacramento River at Veterans Bridge	PEST11: OPs & Triazines (EPA625m)	Environmental	6	MS/MSD	

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"/> 061-SRBKR-WE1	Sacramento River below Keswick	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 061-CHKNT-WE1	Churn Creek at Knighton Road	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 061-SRABB-WE1	Sacramento River above Bend Bridge	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 061-SRHAM-WE1	Sacramento River near Hamilton City	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 061-SRCOL-WE1	Sacramento River at Colusa	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 061-YRMRY-WE1	Yuba River at Marysville	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 061-COLDR-WE1	Colusa Basin Drain above KL	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 061-FRNIC-WE1	Feather River near Nicolaus	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 061-SACSL-WE1	Sacramento Slough	ATOX30: Aquatic toxicity, 3 species	Environmental	2	Lab Duplicate
<input checked="" type="checkbox"/> 061-SRVET-WE1	Sacramento River at Veterans Bridge	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 061-ARDPK-WE1	American River at Discovery Park	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 061-SRFPT-WE1	Sacramento River at Freepoint	ATOX30: Aquatic toxicity, 3 species	Environmental	1	

COC Analysis Notes for PER: