

# Sacramento River Watershed Program

## Field Sampling Event 62:

## Field Log

## April 2007



**PACIFIC ECORISK**  
ENVIRONMENTAL CONSULTING & TESTING

# Event 062 Samples Collected by PER North

Sacramento River below Keswick					SRBKR
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
062-SRBKR-WE1	OP pesticides (EPA625m)	Environmental	2		CRG
062-SRBKR-WE1	E. coli	Environmental	1		Caltest
062-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
062-CHKNT-WE1	Total Hg, filtered	Environmental	1		Caltest
062-CHKNT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
062-CHKNT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
062-CHKNT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
062-CHKNT-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
062-CHKNT-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
062-CHKNT-WE1	TOC	Environmental	3		Caltest
062-CHKNT-WE1	DOC and UVA254	Environmental	1		Caltest
062-CHKNT-WE1	OPs & Triazines (EPA625m)	Environmental	2		CRG
062-CHKNT-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	6	MS/MSD	APPL
062-CHKNT-WE1	E. coli	Environmental	1		Caltest
062-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
062-SRABB-WE1	Total Hg, filtered	Environmental	1		Caltest
062-SRABB-WE1	Total Hg, unfiltered	Environmental	1		Caltest
062-SRABB-WE1	Methyl Hg, filtered	Environmental	1		Caltest
062-SRABB-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
062-SRABB-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
062-SRABB-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
062-SRABB-WE1	TOC	Environmental	3		Caltest
062-SRABB-WE1	DOC and UVA254	Environmental	1		Caltest
062-SRABB-WE1	E. coli	Environmental	1		Caltest
062-SRABB-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRABB samples ▲					

## Event 062 Samples Collected by PER North

Sacramento River near Hamilton City					SRHAM
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
062-SRHAM-WE1	Total Hg, filtered	Environmental	1		Caltest
062-SRHAM-WE1	Total Hg, unfiltered	Environmental	1		Caltest
062-SRHAM-WE1	Methyl Hg, filtered	Environmental	1		Caltest
062-SRHAM-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
062-SRHAM-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
062-SRHAM-WE2	Sulfate, TSS	Environmental	1	Field Duplicate	Caltest
062-SRHAM-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
062-SRHAM-WE1	TOC	Environmental	3		Caltest
062-SRHAM-WE1	DOC and UVA254	Environmental	1		Caltest
062-SRHAM-WE1	OPs & Triazines (EPA625m)	Environmental	2		CRG
062-SRHAM-WE1	E. coli	Environmental	1		Caltest
062-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
062-SRCOL-WE1	Total Hg, filtered	Environmental	1		Caltest
062-SRCOL-WE1	Total Hg, unfiltered	Environmental	1		Caltest
062-SRCOL-WE1	Methyl Hg, filtered	Environmental	1		Caltest
062-SRCOL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
062-SRCOL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1		Caltest
062-SRCOL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
062-SRCOL-WE1	TOC	Environmental	3		Caltest
062-SRCOL-WE1	DOC and UVA254	Environmental	1		Caltest
062-SRCOL-WE1	OPs & Triazines (EPA625m)	Environmental	2		CRG
062-SRCOL-WE1	E. coli	Environmental	1		Caltest
062-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
062-YRMRY-WB1	Dissolved Ortho-Phosphate	Field Blank	1	Field Blank	Caltest
062-YRMRY-WB1	NO3+NO2, TKN and Total P	Field Blank	1	Field Blank	Caltest
062-YRMRY-WB1	DOC	Field Blank	1	Field Blank	Caltest
062-YRMRY-WB1	Carbamates, urea pesticides (L-L EPA 632/8321)	Field Blank	2	Field Blank	APPL
062-YRMRY-WB1	E. coli	Field Blank	1	Field Blank	Caltest
062-YRMRY-WE1	Total Hg, filtered	Environmental	1		Caltest
062-YRMRY-WE1	Total Hg, unfiltered	Environmental	1		Caltest
062-YRMRY-WE1	Methyl Hg, filtered	Environmental	1		Caltest
062-YRMRY-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
062-YRMRY-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
062-YRMRY-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
062-YRMRY-WE1	TOC	Environmental	3		Caltest
062-YRMRY-WE1	DOC and UVA254	Environmental	1		Caltest
062-YRMRY-WE1	OPs & Triazines (EPA625m)	Environmental	2		CRG
062-YRMRY-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2		APPL
062-YRMRY-WE1	E. coli	Environmental	1		Caltest
062-YRMRY-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ YRMRY samples ▲					

## Event 062 Samples Collected by PER North

### Colusa Basin Drain above KL

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

### Feather River near Nicolaus

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

### Sacramento Slough

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

## Event 062 Samples Collected by PER North

Sacramento River at Veterans Bridge					SRVET
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
062-SRVET-WB1	Total Hg, filtered	Field Blank	1	Field Blank	Caltest
062-SRVET-WB1	Methyl Hg, filtered	Field Blank	1	Field Blank	Caltest
062-SRVET-WB1	OPs & Triazines (EPA625m)	Field Blank	2	Field Blank	CRG
062-SRVET-WE1	Total Hg, filtered	Environmental	1		Caltest
062-SRVET-WE1	Total Hg, unfiltered	Environmental	1		Caltest
062-SRVET-WE1	Methyl Hg, filtered	Environmental	1		Caltest
062-SRVET-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
062-SRVET-WE1	Sulfate, TSS	Environmental	1		Caltest
062-SRVET-WE1	OPs & Triazines (EPA625m)	Environmental	2		CRG
062-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
062-ARDPK-WE1	Total Hg, filtered	Environmental	1		Caltest
062-ARDPK-WE1	Total Hg, unfiltered	Environmental	1		Caltest
062-ARDPK-WE1	Methyl Hg, filtered	Environmental	1		Caltest
062-ARDPK-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
062-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
062-SRRMF-WE1	Total Hg, filtered	Environmental	1		Caltest
062-SRRMF-WE1	Total Hg, unfiltered	Environmental	1		Caltest
062-SRRMF-WE1	Methyl Hg, filtered	Environmental	1		Caltest
062-SRRMF-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
062-SRRMF-WE1	Sulfate, TSS	Environmental	1		Caltest
▲ SRRMF samples ▲					

## Event 062 Samples Collected by PER North

Sacramento River at Freeport					SRFPT
Sample ID	Analyte Group	Sample Type	# bottles	QA	Lab
<input checked="" type="checkbox"/> 062-SRFPT-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 062-SRFPT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 062-SRFPT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 062-SRFPT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 062-SRFPT-WE1	Sulfate, TSS	Environmental	1		Caltest
<input checked="" type="checkbox"/> 062-SRFPT-WE1	Aquatic toxicity, 3 species	Environmental	1		PER
▲ SRFPT samples ▲					

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

Site: Churn Creek at Knighton Road

Reference \_\_\_\_\_ GPS Readings \_\_\_\_\_  
Latitude: 40.5082 40.50899  
Longitude: -122.3162 -122.31672

Personnel: Quang Do, Lance Haines Date: 4/24/07 Arrival Time: 8:45

**Field Measured Data**

Time (PST) 9:15 Temp (°C) 15.89 pH 7.35 D. O. (mg/L) 9.28 EC (µS/cm) 230  
☐ Stage (ft), or ☒ Midchannel Depth (ft) 1.5

**Flow Data**

IFT intervals: Start (R) bank 3.5 ft from bank End 3.5 ft from (L) Bank

Flow and Depth recordings Wet channel width (ft): 17

IFT	Depth (ft)	Temp (°C)	D.O. (mg/L)	EC (µS/cm)
① 0.8	1.76	(6) 1.5	1.97	
② 0.9	1.76	(7) 1.2	2.31	
③ 0.9	1.86	(8) 0.8	2.30	
④ 1.0	2.27	(9) 1.0	2.19	
⑤ 0.8	2.62	(10) 1.6	23.32	

**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
062-CHKNT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	1.5	
062-CHKNT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1.5	
062-CHKNT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	1.5	
062-CHKNT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	1.5	
062-CHKNT-WE1	CONV15	Polyethylene, 2 L [1] none	1.5	
062-CHKNT-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	1.5	
062-CHKNT-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
062-CHKNT-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
062-CHKNT-WE1	PEST11	Amber Glass, 1 L [2] none	1.5	
062-CHKNT-WE1	PEST20	Amber Glass, 1 L [6] none	1.5	MS/MSD
062-CHKNT-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
062-CHKNT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	1.5	

Time at Completion of Sampling: 9:35

Sampling Crew: PER North

Additional Notes or Comments:

*\* Uneven Stream bed*

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

Site: Sacramento River above Bend Bridge      Reference: 40.2886167      GPS Readings: 40.2886167  
 Latitude: 40.2886167      Longitude: -122.18555      -122.22153  
 Personnel: Quang Do, Lance Haines      Date: 9/24/07      Arrival Time: 10:45

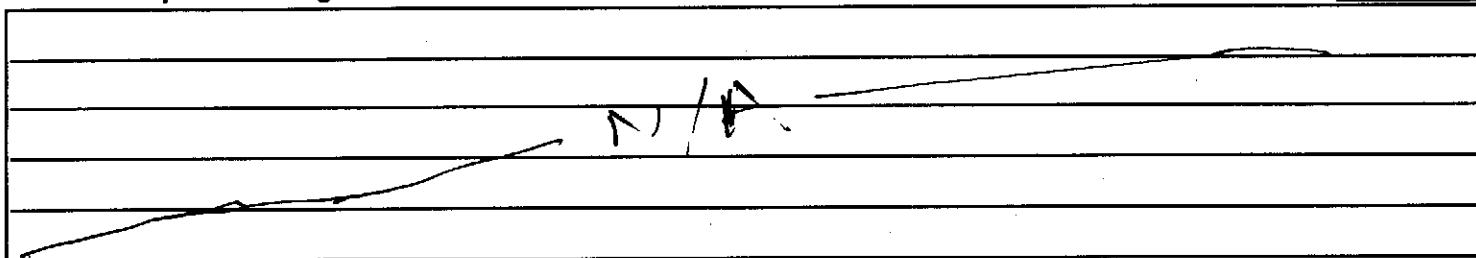
**Field Measured Data**

Time (PST) 11:00      Temp (°C) 12.72      pH 7.36      D. O. (mg/L) 11.30      EC (µS/cm) 125      ☐ Stage (ft), or  
☒ Midchannel Depth (ft) 4

**Flow Data**

Flow and Depth recordings

Wet channel width (ft): 420



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

Time at Completion of Sampling: 11:15

Sampling Crew: PER North

Additional Notes or Comments:

water level is slightly higher compared to SRWP 61

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

Site: Sacramento River near Hamilton City      Reference: 39.752      GPS Readings: 39.75559  
 Latitude: 39.752      Longitude: -121.994      -121.00239  
 Personnel: Amy Doyle Haines      Date: 4/24/07      Arrival Time: 12:50

**Field Measured Data**

Time (PST) 13:00      Temp (°C) 14.74      pH 7.15      D. O. (mg/L) 11.1      EC (µS/cm) 134      ☐ Stage (ft), or ☒ Midchannel Depth (ft) 4

**Flow Data**

Flow and Depth recordings

Wet channel width (ft): 50


**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
062-SRHAM-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2	
062-SRHAM-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2	
062-SRHAM-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2	
062-SRHAM-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2	
062-SRHAM-WE1	CONV16	Polyethylene, 2 L [1] none	2	
062-SRHAM-WE2	CONV14	Polyethylene, 500 mL [1] none	2	Field Duplicate
062-SRHAM-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2	
062-SRHAM-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
062-SRHAM-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
062-SRHAM-WE1	PEST11	Amber Glass, 1 L [2] none	2	
062-SRHAM-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
062-SRHAM-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2	

Time at Completion of Sampling: 13:35

Sampling Crew: PER North

Additional Notes or Comments:

silt → low<sup>water</sup> visibility, good flow

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

Site: Sacramento River at Colusa      Reference: 39.2141667      GPS Readings: 39.21570  
 Latitude: 39.2141667      Longitude: -121.999167      -121.99958  
 Personnel: Quang DO, Lance Haines      Date: 4/24/07      Arrival Time: 15:00

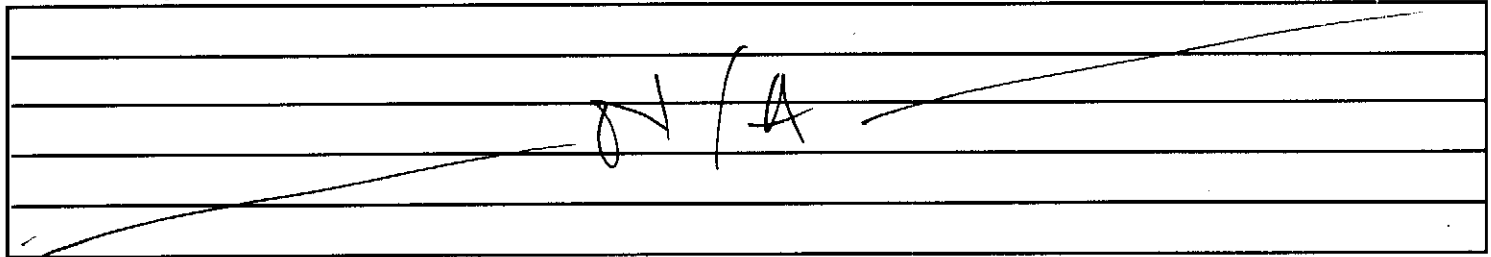
**Field Measured Data**

Time (PST) 15:30      Temp (°C) 15.92      pH 7.65      D. O. (mg/L) 11.0      EC (µS/cm) 133      ☐ Stage (ft), or ☒ Midchannel Depth (ft) 12.8

**Flow Data**

Flow and Depth recordings

Wet channel width (ft): 321



**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
062-SRCOL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	6.5	
062-SRCOL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	6.5	
062-SRCOL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	6.5	
062-SRCOL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	6.5	
062-SRCOL-WE1	CONV16	Polyethylene, 2 L [1] none	6.5	
062-SRCOL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	6.5	
062-SRCOL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
062-SRCOL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
062-SRCOL-WE1	PEST11	Amber Glass, 1 L [2] none	6.5	
062-SRCOL-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
062-SRCOL-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	6.5	

Time at Completion of Sampling: 16:15

Sampling Crew: PER North

Additional Notes or Comments:

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

Site: Yuba River at Marysville Reference: 39.144445 GPS Readings: 39.14265  
Latitude: 39.144445 Longitude: -121.576388 -121.57610  
Personnel: Arang Du, Lance Haines Date: 4/25/07 Arrival Time: 9:30

**Field Measured Data**

Time (PST) 9:45 Temp (°C) 12.53 pH 6.88 D. O. (mg/L) 10.05 EC (µS/cm) 87  
☐ Stage (ft), or Midchannel Depth (ft) N/A

**Flow Data**

Flow and Depth recordings

Wet channel width (ft): 168

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

Time at Completion of Sampling: 10:15

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: 38.81186  
 Latitude: -121.774083      Longitude: -121.77420  
 Personnel: Quang Do, Lance Aaines      Date: 4/25/07      Arrival Time: 12:35

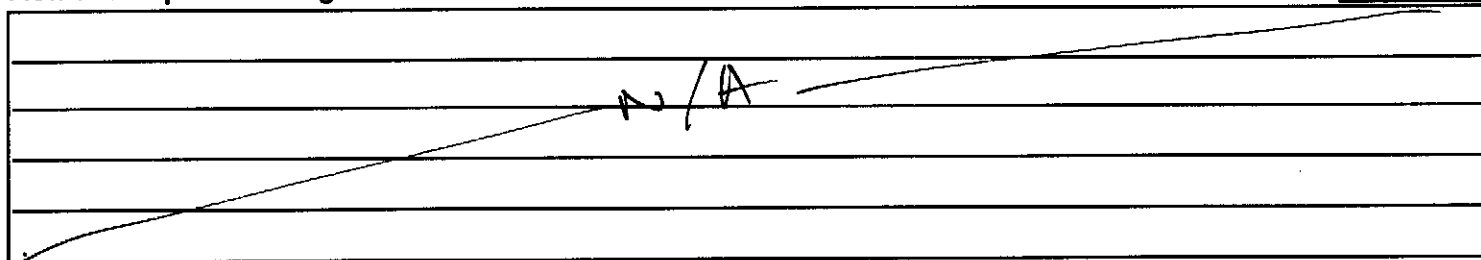
**Field Measured Data**

Time (PST) 12:00      Temp (°C) 18.36      pH 7.78      D. O. (mg/L) 7.97      EC (µS/cm) 933      ☐ Stage (ft), or Midchannel Depth (ft) N/A

**Flow Data**

Flow and Depth recordings

Wet channel width (ft): 129



**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
062-COLDR-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
062-COLDR-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
062-COLDR-WE2	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	Field Duplicate
062-COLDR-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.5	
062-COLDR-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	
062-COLDR-WE2	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.5	Field Duplicate
062-COLDR-WE1	CONV15	Polyethylene, 2 L [1] none	2.5	
062-COLDR-WE2	CONV15	Polyethylene, 2 L [1] none	2.5	Field Duplicate
062-COLDR-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.5	
062-COLDR-WE2	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.5	Field Duplicate
062-COLDR-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
062-COLDR-WE2	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	Field Duplicate DTC
062-COLDR-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	2.5	
062-COLDR-WE1	PEST11	Amber Glass, 1 L [2] none	2.5	
062-COLDR-WE2	PEST11	Amber Glass, 1 L [2] none	2.5	Field Duplicate
062-COLDR-WE1	PEST20	Amber Glass, 1 L [2] none	2.5	
062-COLDR-WE2	PEST20	Amber Glass, 1 L [2] none	2.5	Field Duplicate
062-COLDR-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
062-COLDR-WE1	ATOX30	PTFE-lined PE, 5 Gal [2] none	2.5	Lab Duplicate

\*\*\*Please note and photo-document any observations of foam at or near this site!

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

Site: Colusa Basin Drain above KL Reference: 38.8120667 GPS Readings:             
 Latitude: 38.8120667 Longitude: -121.774083             
 Personnel: Quang Do, Lance Haines Date: 4/25/07 Arrival Time: 12:35

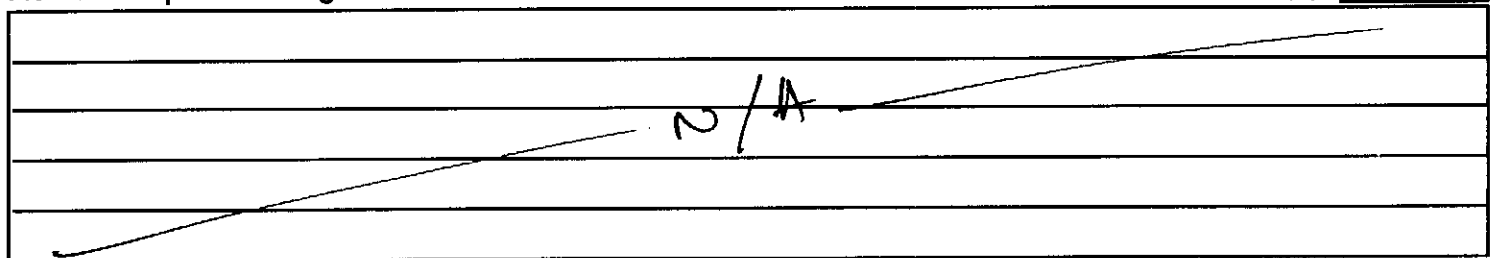
**Field Measured Data**

Time (PST) 13:00 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):           



**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: 13:30

Sampling Crew: PER North

Additional Notes or Comments:

- No foam on the surface of water is observed
- Significant <sup>amount of</sup> fine, suspended sediment in the water

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

Site: Feather River near Nicolaus Reference: 38.903 GPS Readings: 38.78925  
Latitude: -121.586167 Longitude: -121.62625  
Personnel: Quang Du, Lance Haines Date: 4/24/07 Arrival Time: 9:50

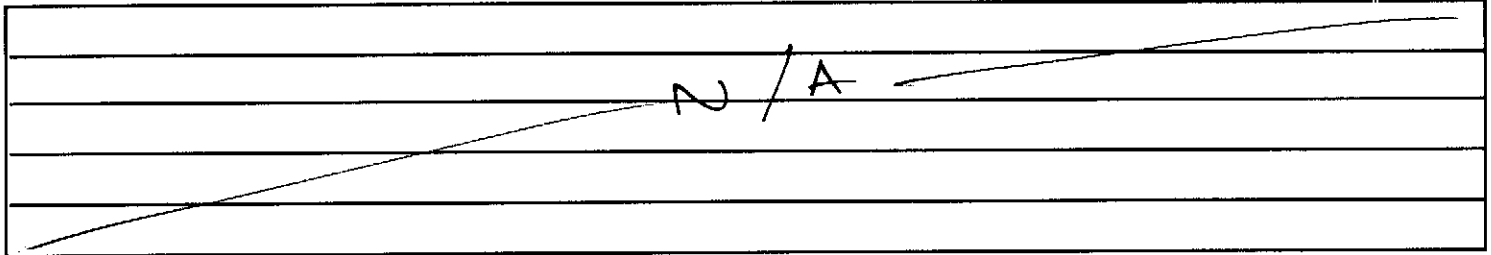
**Field Measured Data**

Time (PST) 16:00 Temp (°C) 17.0 pH 7.45 D. O. (mg/L) 9.24 EC (µS/cm) 97  
☐ Stage (ft), or ☒ Midchannel Depth (ft) 4.0

**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
062-FRNIC-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.0	
062-FRNIC-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	
062-FRNIC-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	2.0	
062-FRNIC-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	2.0	
062-FRNIC-WE1	CONV15	Polyethylene, 2 L [1] none	2.0	
062-FRNIC-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	2.0	
062-FRNIC-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
062-FRNIC-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
062-FRNIC-WE1	PEST11	Amber Glass, 1 L [6] none	2.0	MS/MSD
062-FRNIC-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
062-FRNIC-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	2.0	

Time at Completion of Sampling: 10:30

Sampling Crew: PER North

Additional Notes or Comments:

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

Site: Sacramento Slough Reference: 38.7833333 GPS Readings: 38.78353  
Latitude: 38.7833333 Longitude: -121.63375 -121.63375  
Personnel: Quang DO, Lance Haines Date: 4/26/07 Arrival Time: 10:50

**Field Measured Data**

Time (PST) 11:15 Temp (°C) 18.15 pH 7.64 D. O. (mg/L) 8.15 EC (µS/cm) 259  
☐ Stage (ft), or ☒ Midchannel Depth (ft) 12.5

**Flow Data**

Flow and Depth recordings

*5' apart, 20' from right & left bank*

Wet channel width (ft): 108

①	Depth	Flow	⑥	Depth	Flow
②	6.9	0.76	⑦	16.5	0.52
③	13.6	0.45	⑧	15.2	0.34
④	15.5	0.49	⑨	14.4	0.24
⑤	16.4	0.55	⑩	13.2	0.85
	17.5	0.49		13.2	0.90

**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
062-SACSL-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	6.25	
062-SACSL-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	6.25	
062-SACSL-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	6.25	
062-SACSL-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	6.25	
062-SACSL-WE1	CONV15	Polyethylene, 2 L [1] none	6.25	
062-SACSL-WE1	CONV40	Polyethylene, 0.5 L [1] H2SO4	6.25	
062-SACSL-WE1	CONV22	VOA, PTFE lined cap, 40mL [3] H2SO4	0.05	DTC
062-SACSL-WE1	CONV23	Amber glass, PTFE lined cap, 250 mL [1] none	0.05	DTC
062-SACSL-WE1	PEST11	Amber Glass, 1 L [2] none	6.25	
062-SACSL-WE1	PEST20	Amber Glass, 1 L [2] none	6.25	
062-SACSL-WE1	BACT10	Polyethylene, 125 mL [1] none	0.05	DTC
062-SACSL-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	6.25	

Time at Completion of Sampling: 12:00

Sampling Crew: PER North

Additional Notes or Comments:

*only 10 depth/flow measurements due to limited ability to maneuver boat.*

# SRWP FIELD SAMPLING DATA LOG SHEET

## Sacramento River Watershed Program

Site: Sacramento River at Veterans Bridge
 Reference: 38.6746833
 GPS Readings: 38.67653  
 Latitude: 38.6746833
 Longitude: -121.627517
-121.62932  
 Personnel: Quang Do, Lance Heines
 Date: 4/26/07
 Arrival Time: 8:00

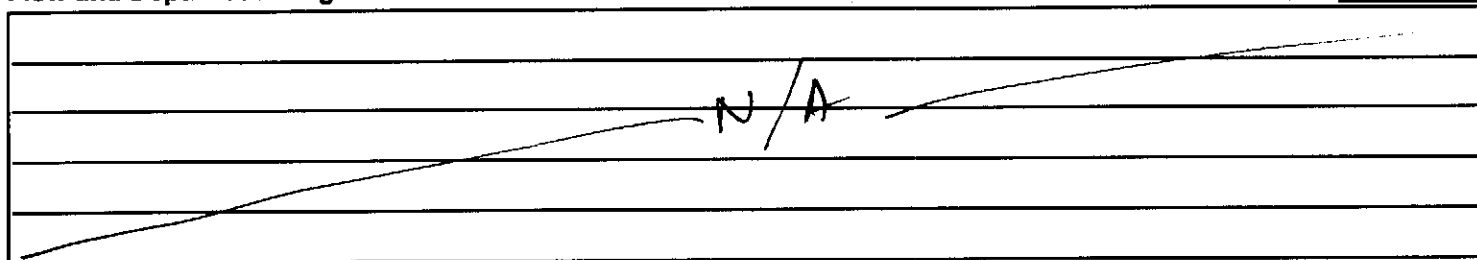
### Field Measured Data

Time (PST) 8:15
 Temp (°C) 17.26
 pH 7.75
 D. O. (mg/L) 9.1
 EC (µS/cm) 151
☐ Stage (ft), or  
☒ Midchannel Depth (ft) 10.8

### Flow Data

Flow and Depth recordings

Wet channel width (ft): 546



### 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
062-SRVET-WB1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	N/A	Field Blank
062-SRVET-WB1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	N/A	Field Blank
062-SRVET-WB1	PEST11	Amber Glass, 1 L [2] none	N/A	Field Blank
062-SRVET-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	5.5	
062-SRVET-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5.5	
062-SRVET-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	5.5	
062-SRVET-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5.5	
062-SRVET-WE1	CONV14	Polyethylene, 500 mL [1] none	5.5	
062-SRVET-WE1	PEST11	Amber Glass, 1 L [2] none	5.5	
062-SRVET-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	5.5	

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: American River at Discovery Park Reference: 38.60195 GPS Readings: 38.60160  
 Latitude: 38.60195 Longitude: -121.501117 121.50099  
 Personnel: Quang Do, Lance Haines Date: 4/25/07 Arrival Time: 14:00

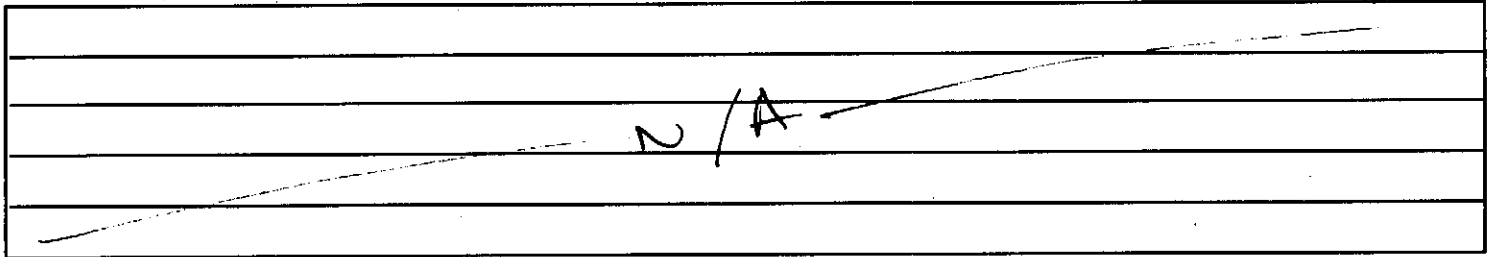
**Field Measured Data**

Time (PST) 14:30 Temp (°C) 16.84 pH 7.80 D. O. (mg/L) 10.4 EC (µS/cm) 67  
☐ Stage (ft), or ☒ Midchannel Depth (ft) 10.1

**Flow Data**

Flow and Depth recordings

Wet channel width (ft): 450



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

Time at Completion of Sampling: 14:45

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: **38.43481**  
 Longitude: **-121.519167**      **-121.5203**

Personnel: **Quang Do, Lance Haines**      Date: **4/25/07**      Arrival Time: **1730**

**Field Measured Data**

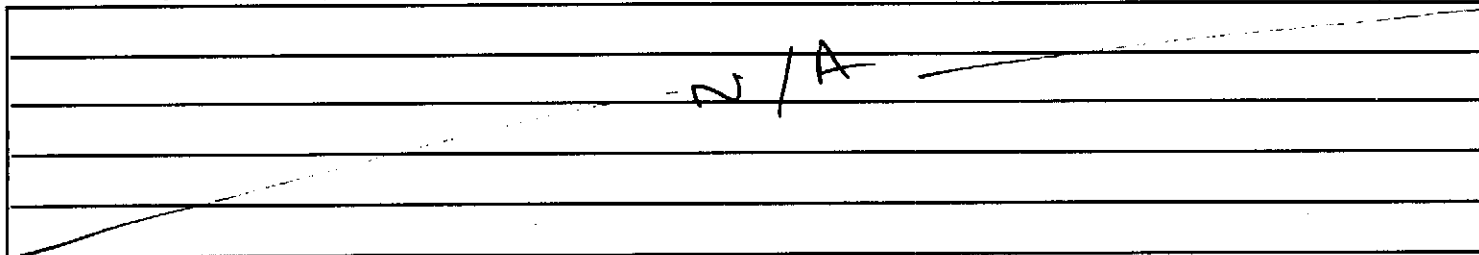
Time (PST)      Temp (°C)      pH      D. O. (mg/L)      EC (µS/cm)      ☐ Stage (ft), or ☒ Midchannel Depth (ft)

**17:45**      **16.83**      **7.56**      **10.1**      **149**      **26.1**

**Flow Data**

Flow and Depth recordings

Wet channel width (ft): **465**



**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
062-SRRMF-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	6	
062-SRRMF-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	6	
062-SRRMF-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	6	
062-SRRMF-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	6	
062-SRRMF-WE1	CONV14	Polyethylene, 500 mL [1] none	6	

Time at Completion of Sampling: **18:00**

Sampling Crew: PER North

Additional Notes or Comments:

unable to sample at mid depth due to strong current

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

Site: Sacramento River at Freeport Reference: 38.45815 GPS Readings: 38.46067  
Latitude: 38.45815 Longitude: -121.502633 -121.50309  
Personnel: Quang Do, Lance Heines Date: 4/25/07 Arrival Time: 1550

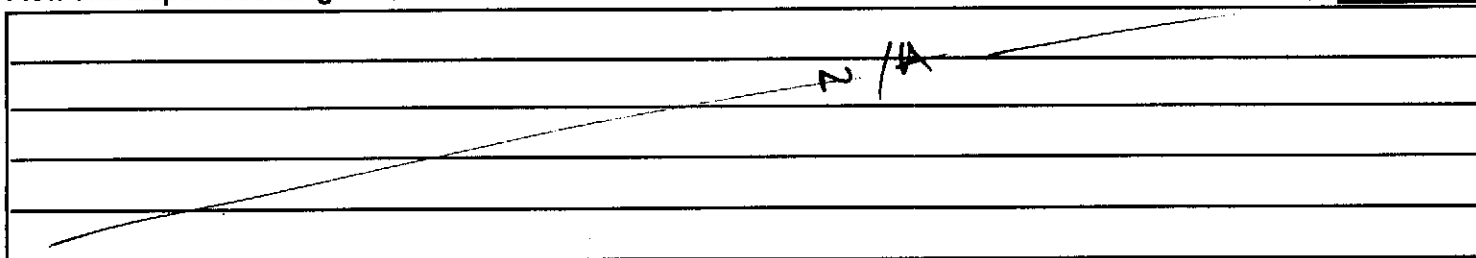
**Field Measured Data**

Time (PST) 16:00 Temp (°C) 16.71 pH 7.75 D. O. (mg/L) 10.3 EC (µS/cm) 139  
☐ Stage (ft), or ☒ Midchannel Depth (ft) 22.7

**Flow Data**

Flow and Depth recordings

Wet channel width (ft): 558



**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
062-SRFPT-WE1	HGTF11	Amber glass, PTFE lined cap, 500 mL [1] none	5.5	
062-SRFPT-WE1	HGTU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5.5	
062-SRFPT-WE1	HGMF11	Amber glass, PTFE lined cap, 500 mL [1] none	5.5	
062-SRFPT-WE1	HGMU12	Amber glass, PTFE lined cap, 500 mL [1] HCL	5.5	
062-SRFPT-WE1	CONV14	Polyethylene, 500 mL [1] none	5.5	
062-SRFPT-WE1	ATOX30	PTFE-lined PE, 5 Gal [1] none	5.5	

Time at Completion of Sampling: 16:15

Sampling Crew: PER North

Additional Notes or Comments:

unable to sample at middepth due to strong current.

# Samples Analyzed by APPL

## Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type	# Bottles	QA Info
<input checked="" type="checkbox"/> 062-CHKNT-WE1	Chum Creek at Knighton Road	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	6	MS/MSD
<input checked="" type="checkbox"/> 062-YRMRY-WB1	Yuba River at Marysville	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Field Blank	2	Field Blank
<input checked="" type="checkbox"/> 062-YRMRY-WE1	Yuba River at Marysville	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	
<input checked="" type="checkbox"/> 062-COLDR-WE1	Colusa Basin Drain above KL	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	
<input checked="" type="checkbox"/> 062-COLDR-WE2	Colusa Basin Drain above KL	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	Field Duplicate
<input checked="" type="checkbox"/> 062-SACSL-WE1	Sacramento Slough	PEST20: Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	

COC Analysis Notes for APPL:

# Samples Analyzed by Caltest

## Samples Collected by PERR North

Sample ID	Site Description	Analyte Group	Sample Type	Bottles	QA Info
062-SRBKR-WE1	Sacramento River below Keswick	BACT10: E. coli	Environmental	1	
062-CHKNT-WE1	Churn Creek at Knighton Road	HGTF11: Total Hg, filtered	Environmental	1	
062-CHKNT-WE1	Churn Creek at Knighton Road	HGTU12: Total Hg, unfiltered	Environmental	1	
062-CHKNT-WE1	Churn Creek at Knighton Road	HGMF11: Methyl Hg, filtered	Environmental	1	
062-CHKNT-WE1	Churn Creek at Knighton Road	HGMU12: Methyl Hg, unfiltered	Environmental	1	
062-CHKNT-WE1	Churn Creek at Knighton Road	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
062-CHKNT-WE1	Churn Creek at Knighton Road	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
062-CHKNT-WE1	Churn Creek at Knighton Road	CONV22: TOC	Environmental	3	
062-CHKNT-WE1	Churn Creek at Knighton Road	CONV23: DOC and UVA254	Environmental	1	
062-CHKNT-WE1	Churn Creek at Knighton Road	BACT10: E. coli	Environmental	1	
062-SRABB-WE1	Sacramento River above Bend Bridge	HGTF11: Total Hg, filtered	Environmental	1	
062-SRABB-WE1	Sacramento River above Bend Bridge	HGTU12: Total Hg, unfiltered	Environmental	1	
062-SRABB-WE1	Sacramento River above Bend Bridge	HGMF11: Methyl Hg, filtered	Environmental	1	
062-SRABB-WE1	Sacramento River above Bend Bridge	HGMU12: Methyl Hg, unfiltered	Environmental	1	
062-SRABB-WE1	Sacramento River above Bend Bridge	CONV16: TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1	
062-SRABB-WE1	Sacramento River above Bend Bridge	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
062-SRABB-WE1	Sacramento River above Bend Bridge	CONV22: TOC	Environmental	3	
062-SRABB-WE1	Sacramento River above Bend Bridge	CONV23: DOC and UVA254	Environmental	1	
062-SRABB-WE1	Sacramento River above Bend Bridge	BACT10: E. coli	Environmental	1	
062-SRABB-WE1	Sacramento River above Bend Bridge	HGTF11: Total Hg, filtered	Environmental	1	
062-SRHAM-WE1	Sacramento River near Hamilton City	HGTU12: Total Hg, unfiltered	Environmental	1	
062-SRHAM-WE1	Sacramento River near Hamilton City	HGMF11: Methyl Hg, filtered	Environmental	1	
062-SRHAM-WE1	Sacramento River near Hamilton City	HGMU12: Methyl Hg, unfiltered	Environmental	1	
062-SRHAM-WE1	Sacramento River near Hamilton City	CONV16: TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1	
062-SRHAM-WE2	Sacramento River near Hamilton City	CONV14: Sulfate, TSS	Environmental	1	Field Duplicate
062-SRHAM-WE1	Sacramento River near Hamilton City	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
062-SRHAM-WE1	Sacramento River near Hamilton City	CONV22: TOC	Environmental	3	
062-SRHAM-WE1	Sacramento River near Hamilton City	CONV23: DOC and UVA254	Environmental	1	
062-SRHAM-WE1	Sacramento River near Hamilton City	BACT10: E. coli	Environmental	1	
062-SRHAM-WE1	Sacramento River near Hamilton City	HGTF11: Total Hg, filtered	Environmental	1	
062-SRCOL-WE1	Sacramento River at Colusa	HGTU12: Total Hg, unfiltered	Environmental	1	
062-SRCOL-WE1	Sacramento River at Colusa	HGMF11: Methyl Hg, filtered	Environmental	1	
062-SRCOL-WE1	Sacramento River at Colusa	HGMU12: Methyl Hg, unfiltered	Environmental	1	

# Samples Collected by PEER North

## Samples Analyzed by Caltest

Sample ID	Site Description	Analyte Group	Sample Type	Bottles	QA Info
062-SRCOL-WE1	Sacramento River at Colusa	CONV16: TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1	
062-SRCOL-WE1	Sacramento River at Colusa	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
062-SRCOL-WE1	Sacramento River at Colusa	CONV22: TOC	Environmental	3	
062-SRCOL-WE1	Sacramento River at Colusa	CONV23: DOC and UVA254	Environmental	1	
062-SRCOL-WE1	Sacramento River at Colusa	BACT10: E. coli	Environmental	1	
062-YRMRY-WB1	Yuba River at Marysville	CONV12: Dissolved Ortho-Phosphate	Field Blank	1	Field Blank
062-YRMRY-WB1	Yuba River at Marysville	CONV40: NO3+NO2, TKN and Total P	Field Blank	1	Field Blank
062-YRMRY-WB1	Yuba River at Marysville	CONV21: DOC	Field Blank	1	Field Blank
062-YRMRY-WB1	Yuba River at Marysville	BACT10: E. coli	Field Blank	1	Field Blank
062-YRMRY-WE1	Yuba River at Marysville	HGTF11: Total Hg, filtered	Environmental	1	
062-YRMRY-WE1	Yuba River at Marysville	HGTU12: Total Hg, unfiltered	Environmental	1	
062-YRMRY-WE1	Yuba River at Marysville	HGMF11: Methyl Hg, filtered	Environmental	1	
062-YRMRY-WE1	Yuba River at Marysville	HGMU12: Methyl Hg, unfiltered	Environmental	1	
062-YRMRY-WE1	Yuba River at Marysville	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
062-YRMRY-WE1	Yuba River at Marysville	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
062-YRMRY-WE1	Yuba River at Marysville	CONV22: TOC	Environmental	3	
062-YRMRY-WE1	Yuba River at Marysville	CONV23: DOC and UVA254	Environmental	1	
062-YRMRY-WE1	Yuba River at Marysville	BACT10: E. coli	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	HGTF11: Total Hg, filtered	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	HGTU12: Total Hg, unfiltered	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	HGMF11: Methyl Hg, filtered	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	HGMU12: Methyl Hg, unfiltered	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	HGMU12: Methyl Hg, unfiltered	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	CONV22: TOC	Environmental	3	
062-COLDR-WE1	Colusa Basin Drain above KL	CONV22: TOC	Environmental	3	Field Duplicate
062-COLDR-WE1	Colusa Basin Drain above KL	CONV23: DOC and UVA254	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	BACT10: E. coli	Environmental	1	
062-COLDR-WE1	Colusa Basin Drain above KL	HGTF11: Total Hg, filtered	Environmental	1	
062-FRNIC-WE1	Feather River near Niclaus	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
062-FRNIC-WE1	Feather River near Nicolaus	HGTU12: Total Hg, unfiltered	Environmental	1	
062-FRNIC-WE1	Feather River near Nicolaus	HGMF11: Methyl Hg, filtered	Environmental	1	
062-FRNIC-WE1	Feather River near Nicolaus	HGMU12: Methyl Hg, unfiltered	Environmental	1	
062-FRNIC-WE1	Feather River near Nicolaus	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
062-FRNIC-WE1	Feather River near Nicolaus	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
062-FRNIC-WE1	Feather River near Nicolaus	CONV22: TOC	Environmental	3	
062-FRNIC-WE1	Feather River near Nicolaus	CONV23: DOC and UVA254	Environmental	1	
062-FRNIC-WE1	Feather River near Nicolaus	BACT10: E. coli	Environmental	1	
062-SACSL-WE1	Sacramento Slough	HGTF11: Total Hg, filtered	Environmental	1	
062-SACSL-WE1	Sacramento Slough	HGTU12: Total Hg, unfiltered	Environmental	1	
062-SACSL-WE1	Sacramento Slough	HGMF11: Methyl Hg, filtered	Environmental	1	
062-SACSL-WE1	Sacramento Slough	HGMU12: Methyl Hg, unfiltered	Environmental	1	
062-SACSL-WE1	Sacramento Slough	CONV15: TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1	
062-SACSL-WE1	Sacramento Slough	CONV40: NO3+NO2, TKN and Total P	Environmental	1	
062-SACSL-WE1	Sacramento Slough	CONV22: TOC	Environmental	3	
062-SACSL-WE1	Sacramento Slough	CONV23: DOC and UVA254	Environmental	1	
062-SACSL-WE1	Sacramento Slough	BACT10: E. coli	Environmental	1	
062-SRVET-WE1	Sacramento River at Veterans Bridge	HGTF11: Total Hg, filtered	Field Blank	1	Field Blank
062-SRVET-WE1	Sacramento River at Veterans Bridge	HGMF11: Methyl Hg, filtered	Field Blank	1	Field Blank
062-SRVET-WE1	Sacramento River at Veterans Bridge	HGTF11: Total Hg, filtered	Environmental	1	
062-SRVET-WE1	Sacramento River at Veterans Bridge	HGTU12: Total Hg, unfiltered	Environmental	1	
062-SRVET-WE1	Sacramento River at Veterans Bridge	HGMF11: Methyl Hg, filtered	Environmental	1	
062-SRVET-WE1	Sacramento River at Veterans Bridge	HGMU12: Methyl Hg, unfiltered	Environmental	1	
062-SRVET-WE1	Sacramento River at Veterans Bridge	CONV14: Sulfate, TSS	Environmental	1	
062-ARDPK-WE1	American River at Discovery Park	HGTF11: Total Hg, filtered	Environmental	1	
062-ARDPK-WE1	American River at Discovery Park	HGTU12: Total Hg, unfiltered	Environmental	1	
062-ARDPK-WE1	American River at Discovery Park	HGMF11: Methyl Hg, filtered	Environmental	1	
062-ARDPK-WE1	American River at Discovery Park	HGMU12: Methyl Hg, unfiltered	Environmental	1	
062-SRRMF-WE1	Sacramento River at River Mile 44	HGTF11: Total Hg, filtered	Environmental	1	
062-SRRMF-WE1	Sacramento River at River Mile 44	HGTU12: Total Hg, unfiltered	Environmental	1	
062-SRRMF-WE1	Sacramento River at River Mile 44	HGMF11: Methyl Hg, filtered	Environmental	1	
062-SRRMF-WE1	Sacramento River at River Mile 44	HGMU12: Methyl Hg, unfiltered	Environmental	1	
062-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"/> 062-SRFPT-WE1	Sacramento River at Freeport	HGTF11: Total Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 062-SRFPT-WE1	Sacramento River at Freeport	HGTU12: Total Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 062-SRFPT-WE1	Sacramento River at Freeport	HGMF11: Methyl Hg, filtered	Environmental	1	
<input checked="" type="checkbox"/> 062-SRFPT-WE1	Sacramento River at Freeport	HGMU12: Methyl Hg, unfiltered	Environmental	1	
<input checked="" type="checkbox"/> 062-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"/> 062-SRBKR-WE1	Sacramento River below Keswick	PEST10: OP pesticides (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 062-CHKNT-WE1	Churn Creek at Knighton Road	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 062-SRHAM-WE1	Sacramento River near Hamilton City	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 062-SRCOL-WE1	Sacramento River at Colusa	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 062-YRMRY-WE1	Yuba River at Marysville	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 062-COLDR-WE1	Colusa Basin Drain above KL	PEST11: OPs & Triazines (EPA625m)	Environmental	2	Field Duplicate
<input checked="" type="checkbox"/> 062-COLDR-WE2	Colusa Basin Drain above KL	PEST11: OPs & Triazines (EPA625m)	Environmental	6	MS/MSD
<input checked="" type="checkbox"/> 062-FRNIC-WE1	Feather River near Nicolaus	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 062-SACSL-WE1	Sacramento Slough	PEST11: OPs & Triazines (EPA625m)	Field Blank	2	Field Blank
<input checked="" type="checkbox"/> 062-SRVET-WB1	Sacramento River at Veterans Bridge	PEST11: OPs & Triazines (EPA625m)	Environmental	2	
<input checked="" type="checkbox"/> 062-SRVET-WE1	Sacramento River at Veterans Bridge	PEST11: OPs & Triazines (EPA625m)	Environmental	2	

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"/> 062-SRBKR-WE1	Sacramento River below Keswick	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input type="checkbox"/> 062-CHKNT-WE1	Churn Creek at Knighton Road	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 062-SRABB-WE1	Sacramento River above Bend Bridge	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 062-SRHAM-WE1	Sacramento River near Hamilton City	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 062-SRCOL-WE1	Sacramento River at Colusa	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 062-YRMRY-WE1	Yuba River at Marysville	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input type="checkbox"/> 062-COLDR-WE1	Colusa Basin Drain above KL	ATOX30: Aquatic toxicity, 3 species	Environmental	2	Lab Duplicate
<input checked="" type="checkbox"/> 062-FRNIC-WE1	Feather River near Nicolaus	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 062-SACSL-WE1	Sacramento Slough	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 062-SRVET-WE1	Sacramento River at Veterans Bridge	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 062-ARDPK-WE1	American River at Discovery Park	ATOX30: Aquatic toxicity, 3 species	Environmental	1	
<input checked="" type="checkbox"/> 062-SRFPT-WE1	Sacramento River at Freeport	ATOX30: Aquatic toxicity, 3 species	Environmental	1	

## COC Analysis Notes for PER: