

Sacramento River Watershed Program

Monitoring Program Sample Collection and Analysis

**Sampling Event 052
Field Log
5–7 July 2006**



PACIFIC ECORISK
ENVIRONMENTAL CONSULTING & TESTING

Event 052 Samples Collected by PER North

Churn Creek at Knighton Road						CHKNT
Sample ID	Analyte Group	Type	Rep	QA	Lab	
052-CHKNT-WE1	Total Hg, filtered	Environmental	1			Caltest
052-CHKNT-WE1	Total Hg, unfiltered	Environmental	1			Caltest
052-CHKNT-WE1	Methyl Hg, unfiltered	Environmental	1			Caltest
052-CHKNT-WE1	Methyl Hg, filtered	Environmental	1			Caltest
052-CHKNT-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1			Caltest
052-CHKNT-WE1	NO3+NO2, TKN and Total P	Environmental	1			Caltest
052-CHKNT-WE1	TOC	Environmental	1			Caltest
052-CHKNT-WE1	DOC and UVA254	Environmental	1			Caltest
052-CHKNT-WE1	OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental	1			CRG
052-CHKNT-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	1			APPL
052-CHKNT-WE1	E. coli	Environmental	1			Caltest
052-CHKNT-WE1	Aquatic toxicity, 3 species	Environmental	1			PER
▲ CHKNT samples ▲						
Sacramento River below Keswick						SRBKR
Sample ID	Analyte Group	Type	Rep	QA	Lab	
052-SRBKR-WE1	OP pesticides (EPA625m)	Environmental	1	MS/MSD		CRG
052-SRBKR-WE1	E. coli	Environmental	1			Caltest
052-SRBKR-WE1	Aquatic toxicity, 3 species	Environmental	1			PER
▲ SRBKR samples ▲						
Sacramento River above Bend Bridge						SRABB
Sample ID	Analyte Group	Type	Rep	QA	Lab	
052-SRABB-WE1	Total Hg, filtered	Environmental	1			Caltest
052-SRABB-WE1	Total Hg, unfiltered	Environmental	1			Caltest
052-SRABB-WE1	Methyl Hg, unfiltered	Environmental	1			Caltest
052-SRABB-WE1	Methyl Hg, filtered	Environmental	1			Caltest
052-SRABB-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate, UVA254	Environmental	1			Caltest
052-SRABB-WE1	NO3+NO2, TKN and Total P	Environmental	1			Caltest
052-SRABB-WE1	TOC	Environmental	1			Caltest
052-SRABB-WE1	DOC and UVA254	Environmental	1			Caltest
052-SRABB-WE1	E. coli	Environmental	1			Caltest
052-SRABB-WE1	Aquatic toxicity, 3 species	Environmental	1			PER
▲ SRABB samples ▲						
Sacramento River near Hamilton City						SRHAM
Sample ID	Analyte Group	Type	Rep	QA	Lab	
052-SRHAM-WE1	Total Hg, filtered	Environmental	1			Caltest
052-SRHAM-WE1	Total Hg, unfiltered	Environmental	1			Caltest
052-SRHAM-WE2	Total Hg, filtered	Environmental	2	Field Duplicate		Caltest
052-SRHAM-WE1	Methyl Hg, unfiltered	Environmental	1			Caltest
052-SRHAM-WE1	Methyl Hg, filtered	Environmental	1			Caltest
052-SRHAM-WE2	Methyl Hg, filtered	Environmental	2	Field Duplicate		Caltest
052-SRHAM-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1			Caltest
052-SRHAM-WE2	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	2	Field Duplicate		Caltest
052-SRHAM-WE1	NO3+NO2, TKN and Total P	Environmental	1			Caltest
052-SRHAM-WE2	NO3+NO2, TKN and Total P	Environmental	2	Field Duplicate		Caltest
052-SRHAM-WE1	TOC	Environmental	1			Caltest
052-SRHAM-WE1	DOC and UVA254	Environmental	1			Caltest
052-SRHAM-WE2	DOC and UVA254	Environmental	2	Field Duplicate		Caltest
052-SRHAM-WE1	OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental	1			CRG
052-SRHAM-WE2	OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental	2	Field Duplicate		CRG
052-SRHAM-WE1	E. coli	Environmental	1			Caltest
052-SRHAM-WE1	Aquatic toxicity, 3 species	Environmental	1	Lab Duplicate		PER
▲ SRHAM samples ▲						

Event 052 Samples Collected by PER North

Sacramento River at Colusa					SRCOL
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
052-SRCOL-WE1	Total Hg, filtered	Environmental	1		Caltest
052-SRCOL-WE1	Total Hg, unfiltered	Environmental	1		Caltest
052-SRCOL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
052-SRCOL-WE1	Methyl Hg, filtered	Environmental	1		Caltest
052-SRCOL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate, UVA254	Environmental	1		Caltest
052-SRCOL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
052-SRCOL-WE1	TOC	Environmental	1		Caltest
052-SRCOL-WE1	DOC and UVA254	Environmental	1		Caltest
052-SRCOL-WE1	OPs, & pyrethroids (EPA625m)	Environmental	1		CRG
052-SRCOL-WE1	molinate & thiobencarb (EPA507)	Environmental	1		APPL
052-SRCOL-WE1	E. coli	Environmental	1		Caltest
052-SRCOL-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ SRCOL samples ▲

Colusa Basin Drain above KI					COLDR
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
052-COLDR-WE1	Total Hg, filtered	Environmental	1		Caltest
052-COLDR-WE1	Total Hg, unfiltered	Environmental	1		Caltest
052-COLDR-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
052-COLDR-WE1	Methyl Hg, filtered	Environmental	1		Caltest
052-COLDR-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
052-COLDR-WE1	TOC	Environmental	1		Caltest
052-COLDR-WE1	DOC and UVA254	Environmental	1		Caltest
052-COLDR-WE1	OPs, pyrethroids, & OCs (EPA625m)	Environmental	1		CRG
052-COLDR-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	1		APPL
052-COLDR-WE2	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	2	Field Duplicate	APPL
052-COLDR-WE1	molinate & thiobencarb (EPA507)	Environmental	1		APPL
052-COLDR-WE1	E. coli	Environmental	1		Caltest
052-COLDR-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ COLDR samples ▲

Sacramento Slough					SACSL
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
052-SACSL-WB1	Total Hg, unfiltered	Field Blank	1	Field Blank	Caltest
052-SACSL-WB1	Methyl Hg, unfiltered	Field Blank	1	Field Blank	Caltest
052-SACSL-WB1	Dissolved Ortho-Phosphate	Field Blank	1	Field Blank	Caltest
052-SACSL-WB1	NO3+NO2, TKN and Total P	Field Blank	1	Field Blank	Caltest
052-SACSL-WB1	TOC	Field Blank	1	Field Blank	Caltest
052-SACSL-WB1	OPs, pyrethroids, & OCs (EPA625m)	Field Blank	1	Field Blank	CRG
052-SACSL-WB1	Carbamates, urea pesticides (L-L EPA 632/8321)	Field Blank	1	Field Blank	APPL
052-SACSL-WB1	E. coli	Field Blank	1	Field Blank	Caltest
052-SACSL-WE1	Total Hg, filtered	Environmental	1		Caltest
052-SACSL-WE1	Total Hg, unfiltered	Environmental	1		Caltest
052-SACSL-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
052-SACSL-WE1	Methyl Hg, filtered	Environmental	1		Caltest
052-SACSL-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
052-SACSL-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
052-SACSL-WE1	TOC	Environmental	1		Caltest
052-SACSL-WE1	DOC and UVA254	Environmental	1		Caltest
052-SACSL-WE1	OPs, pyrethroids, & OCs (EPA625m)	Environmental	1		CRG
052-SACSL-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	1		APPL
052-SACSL-WE1	molinate & thiobencarb (EPA507)	Environmental	1		APPL
052-SACSL-WE2	molinate & thiobencarb (EPA507)	Environmental	2	Field Duplicate	APPL
052-SACSL-WE1	E. coli	Environmental	1		Caltest
052-SACSL-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ SACSL samples ▲

Event 052 Samples Collected by PER North

Yuba River at Marysville					YRMRY
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
<input checked="" type="checkbox"/> 052-YRMRY-WE1	Total Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 052-YRMRY-WE1	Total Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 052-YRMRY-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 052-YRMRY-WE1	Methyl Hg, filtered	Environmental	1		Caltest
<input checked="" type="checkbox"/> 052-YRMRY-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 052-YRMRY-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
<input checked="" type="checkbox"/> 052-YRMRY-WE1	TOC	Environmental	1		Caltest
<input checked="" type="checkbox"/> 052-YRMRY-WE1	DOC and UVA254	Environmental	1		Caltest
<input checked="" type="checkbox"/> 052-YRMRY-WE1	OPs, & pyrethroids (EPA625m)	Environmental	1		CRG
<input checked="" type="checkbox"/> 052-YRMRY-WE1	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental	1		APPL
<input checked="" type="checkbox"/> 052-YRMRY-WE1	E. coli	Environmental	1		Caltest
<input checked="" type="checkbox"/> 052-YRMRY-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ YRMRY samples ▲

Event 052 Samples Collected by PER North

Feather River near Nicolaus

Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
052-FRNIC-WB1	molinate & thiobencarb (EPA507)	Field Blank	1		APPL
052-FRNIC-WE1	Total Hg, filtered	Environmental	1		Caltest
052-FRNIC-WE1	Total Hg, unfiltered	Environmental	1		Caltest
052-FRNIC-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
052-FRNIC-WE1	Methyl Hg, filtered	Environmental	1		Caltest
052-FRNIC-WE1	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1		Caltest
052-FRNIC-WE1	NO3+NO2, TKN and Total P	Environmental	1		Caltest
052-FRNIC-WE1	TOC	Environmental	1		Caltest
052-FRNIC-WE1	DOC and UVA254	Environmental	1		Caltest
052-FRNIC-WE1	OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental	1		CRG
052-FRNIC-WE1	molinate & thiobencarb (EPA507)	Environmental	1		APPL
052-FRNIC-WE1	E. coli	Environmental	1		Caltest
052-FRNIC-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ FRNIC samples ▲

Sacramento River at Veterans Bridge

Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
052-SRVET-WE1	Total Hg, filtered	Environmental	1		Caltest
052-SRVET-WE1	Total Hg, unfiltered	Environmental	1		Caltest
052-SRVET-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
052-SRVET-WE1	Methyl Hg, filtered	Environmental	1		Caltest
052-SRVET-WE1	Sulfate, TSS	Environmental	1		Caltest
052-SRVET-WE1	OPs, pyrethroids, & triazines (EPA625m)	Environmental	1		CRG
052-SRVET-WE1	molinate & thiobencarb (EPA507)	Environmental	1		APPL
052-SRVET-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ SRVET samples ▲

American River at Discovery Park

Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
052-ARDPK-WE1	Total Hg, filtered	Environmental	1		Caltest
052-ARDPK-WE1	Total Hg, unfiltered	Environmental	1		Caltest
052-ARDPK-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
052-ARDPK-WE1	Methyl Hg, filtered	Environmental	1		Caltest
052-ARDPK-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ ARDPK samples ▲

Sacramento River at Freeport

Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
052-SRFPT-WE1	Total Hg, filtered	Environmental	1		Caltest
052-SRFPT-WE1	Total Hg, unfiltered	Environmental	1		Caltest
052-SRFPT-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
052-SRFPT-WE1	Methyl Hg, filtered	Environmental	1		Caltest
052-SRFPT-WE1	Sulfate, TSS	Environmental	1		Caltest
052-SRFPT-WE1	Aquatic toxicity, 3 species	Environmental	1		PER

▲ SRFPT samples ▲

Event 052 Samples Collected by PER North

Sacramento River at River Mile 44					SRRMF
Sample ID	Analyte Group	Sample Type	Rep	QA	Lab
1232 Q 052-SRRMF-WE1	Total Hg, filtered	Environmental	1		Caltest
Q 052-SRRMF-WE1	Total Hg, unfiltered	Environmental	1		Caltest
Q 052-SRRMF-WE1	Methyl Hg, unfiltered	Environmental	1		Caltest
Q 052-SRRMF-WE1	Methyl Hg, filtered	Environmental	1		Caltest
Q 052-SRRMF-WE1	Sulfate, TSS	Environmental	1		Caltest
▲ SRRMF samples ▲					

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Churn Creek at Knighton Road

Reference

GPS Readings

Latitude: 40.5082

40.50876

Longitude: -122.3162

-122.316261

Personnel: ERS/QD

Date: 7/5/06

Arrival Time: 1400

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (m)

1445

24.19

7.24

5.19

166

0.5

Flow Data

Wet channel width (m): 8ft

Stage (units): N/A

Flow and Depth recordings

<u>1ft/0.56 / 0.3ft</u>	<u>6ft/1.73 / 0.4ft</u>
<u>2ft/0.53 / 0.5ft</u>	<u>7ft/0.31 / 0.2ft</u>
<u>3ft/0.78 / 0.7ft</u>	<u>8ft/0.01 / 0.1ft</u>
<u>4ft/0.73 / 0.5ft</u>	
<u>5ft/0.99 / 0.5ft</u>	

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-CHKNT-WE1	HGTF11	0.5'	
052-CHKNT-WE1	HGTU12	0.5'	
052-CHKNT-WE1	HGMU12	0.5'	
052-CHKNT-WE1	HGMF11	0.5'	
052-CHKNT-WE1	CONV15	0.5	
052-CHKNT-WE1	CONV40	0.5	
052-CHKNT-WE1	CONV22	DTC	
052-CHKNT-WE1	CONV23	DTC	
052-CHKNT-WE1	PEST15	0.5	
052-CHKNT-WE1	PEST20	0.5	
052-CHKNT-WE1	BACT10	DTC	
052-CHKNT-WE1	ATOX30	0.5'	

Time at Completion of Sampling: 1545

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Sacramento River below Keswick

Reference

GPS Readings

Latitude: 40.8011167

40.60978

Longitude: -122.443333

122.44612

Personnel: ERS / QD

Date: 7/5/06

Arrival Time: 1215

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (m)

1230

10.43

6.97

12.3

103

NA

Flow Data

Wet channel width (m): 40 yds

Stage (units): NA

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-SRBKR-WE1	PEST10	<u>0.5 ft</u>	<u>MS/MSD</u>
052-SRBKR-WE1	BACT10	<u>0.5 ft</u>	
052-SRBKR-WE1	ATOX30	<u>0.5 ft</u>	

Time at Completion of Sampling: 1315

Sampling Crew: PER North

Additional Notes or Comments:

Samples taken from shore

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Sacramento River above Bend Bridge

Reference

GPS Readings

Latitude: 40.2886167

40.26690

Longitude: -122.18555

122.2630

Personnel: QD/ERS

Date: 7/5/06

Arrival Time: 1630

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (m)

1645

13.66

8.04

7.3

106

unknown

Flow Data

Wet channel width (m): 146 yds

Stage (units): N/A

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-SRABB-WE1	HGTF11	2'	
052-SRABB-WE1	HGTU12	2'	
052-SRABB-WE1	HGMU12	2'	
052-SRABB-WE1	HGMF11	2'	
052-SRABB-WE1	CONV10	2'	
052-SRABB-WE1	CONV40	2'	
052-SRABB-WE1	CONV22	DTC	
052-SRABB-WE1	CONV23	DTC	
052-SRABB-WE1	BACT10	DTC	
052-SRABB-WE1	ATOX30	2'	

Time at Completion of Sampling: 1745

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Sacramento River near Hamilton City

Reference

GPS Readings

Latitude: 39.752

39.75000

Longitude: -121.994

121.99709

Personnel: Ed Salinas, Quang Do

Date: 7/5/2006

Arrival Time: 19:55

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (m)

2030

16.91

7.85

6.8

120

NA

Flow Data

Wet channel width (m): NA

Stage (units): N/A

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-SRHAM-WE1	HGTF11	2.5ft	
052-SRHAM-WE1	HGTU12	2.5ft	
052-SRHAM-WE2	HGTF11	2.5ft	Field Duplicate
052-SRHAM-WE1	HGMU12	2.5ft	
052-SRHAM-WE1	HGMF11	2.5ft	
052-SRHAM-WE2	HGMF11	2.5ft	Field Duplicate
052-SRHAM-WE1	CONV16	2.5ft	
052-SRHAM-WE2	CONV16	2.5ft	Field Duplicate
052-SRHAM-WE1	CONV40	2.5ft	
052-SRHAM-WE2	CONV40	2.5ft	Field Duplicate
052-SRHAM-WE1	CONV22	DTC	
052-SRHAM-WE1	CONV23	DTC	
052-SRHAM-WE2	CONV23	DTC	Field Duplicate
052-SRHAM-WE1	PEST15	2.5ft	
052-SRHAM-WE2	PEST15	2.5ft	Field Duplicate
052-SRHAM-WE1	BACT10	DTC	
052-SRHAM-WE1	ATOX30	2.5ft	Lab Duplicate

Time at Completion of Sampling: _____

Sampling Crew: PER North

Additional Notes or Comments:

Sample from shore due to pending darkness

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Sacramento River at Colusa

Reference

GPS Readings

Latitude: 39.2141667

39.2141667

Longitude: -121.999167

121.999167

Personnel: ELS / QD

Date: 7/6/06

Arrival Time: 0915

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (m)

0930

18.78

7.74

5.7

132

12.2

Flow Data

Wet channel width (m): 118 yds

Stage (units): N/A

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-SRCOL-WE1	HGTF11	2.5ft	
052-SRCOL-WE1	HGTU12	2.5ft	
052-SRCOL-WE1	HGMU12	2.5ft	
052-SRCOL-WE1	HGMF11	2.5ft	
052-SRCOL-WE1	CONV10	2.5ft	
052-SRCOL-WE1	CONV40	2.5ft	
052-SRCOL-WE1	CONV22	DTC	
052-SRCOL-WE1	CONV23	DTC	
052-SRCOL-WE1	PEST17	DTC	
052-SRCOL-WE1	PEST40	DTC	
052-SRCOL-WE1	BACT10	DTC	
052-SRCOL-WE1	ATOX30	2.5ft	

Time at Completion of Sampling: 1030

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

GPS Readings

Latitude: 38.8120867

38.8191

Longitude: -121.774083

121.77425

Personnel: ECS/AD

Date: 7/6/05

Arrival Time: 1445

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (m)

1500

27.16

7.81

9.08

565

NA

Flow Data

Wet channel width (m): 38 yds

Stage (units): _____

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-COLDR-WE1	HGTF11	1ft	
052-COLDR-WE1	HGTU12	1ft	
052-COLDR-WE1	HGMU12	1ft	
052-COLDR-WE1	HGMF11	1ft	
052-COLDR-WE1	CONV15	1ft	
052-COLDR-WE1	CONV22	DTC	
052-COLDR-WE1	CONV23	DTC	
052-COLDR-WE1	PEST16	DTC	
052-COLDR-WE1	PEST20	DTC	
052-COLDR-WE2	PEST20	DTC	Field Duplicate
052-COLDR-WE1	PEST40	DTC	
052-COLDR-WE1	BACT10	DTC	
052-COLDR-WE1	ATOX30	1ft	

Time at Completion of Sampling: 1600

Sampling Crew: PER North

Additional Notes or Comments:

several persons fishing from bank U.S. & D.S. of site

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Sacramento Slough

Reference

GPS Readings

Latitude: 38.783333

38.78350

Longitude: -121.63375

121.63399

Personnel: EAS/QD

Date: 7/6/06

Arrival Time: 1230

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (m)

1100

22.4

6.51

9.7

287

12 ft

Flow Data

Wet channel width (m): 39 yds

Stage (units): N/A

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-SACSL-WB1	HGTU12	DTC	Field Blank w/ Tygon tubing
052-SACSL-WB1	HGMU12	DTC	Field Blank w/ Tygon tubing
052-SACSL-WB1	CONV12	DTC	Field Blank
052-SACSL-WB1	CONV40	DTC	Field Blank
052-SACSL-WB1	CONV22	DTC	Field Blank
052-SACSL-WB1	PEST16	DTC	Field Blank
052-SACSL-WB1	PEST20	DTC	Field Blank
052-SACSL-WB1	BACT10	DTC	Field Blank
052-SACSL-WE1	HGTF11	4ft	
052-SACSL-WE1	HGTU12	4ft	
052-SACSL-WE1	HGMU12	4ft	
052-SACSL-WE1	HGMF11	4ft	
052-SACSL-WE1	CONV15	DTC	
052-SACSL-WE1	CONV40	DTC	
052-SACSL-WE1	CONV22	DTC	
052-SACSL-WE1	CONV23	DTC	
052-SACSL-WE1	PEST16	DTC	
052-SACSL-WE1	PEST20	DTC	
052-SACSL-WE1	PEST40	DTC	
052-SACSL-WE2	PEST40	DTC	Field Duplicate
052-SACSL-WE1	BACT10	DTC	

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Sacramento Slough

Reference

GPS Readings

Latitude: 38.7833333

38.78333

Longitude: -121.63375

121.63375

Personnel: ES/QD

Date: 7/6/06

Arrival Time: 1830

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel

Depth (m)

1900

27.4

6.51

9.7

287

12 ft

Flow Data

Wet channel width (m): 39 yds

Stage (units): N/A

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-SACSL-WE1	ATOX30	<u>4ft</u>	

Time at Completion of Sampling: 2010

Sampling Crew: PER North

Additional Notes or Comments:

Unable to collect flow due to pending darkness

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Yuba River at Marysville

Reference

GPS Readings

Latitude: 39.144445

39.14223

Longitude: -121.576388

121.57597

Personnel: sls / QD

Date: 7/6/2006 Arrival Time: 1230

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (m)

1300

14.55

8.15

20.06

70

-

Flow Data

Wet channel width (m): 56 yds

Stage (units): N/A

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-YRMRY-WE1	HGTU12	0.5	
052-YRMRY-WE1	HGTF11	0.5	
052-YRMRY-WE1	HGMU12	0.5	
052-YRMRY-WE1	HGMF11	0.5	
052-YRMRY-WE1	CONV15	0.5	
052-YRMRY-WE1	CONV40	0.5	
052-YRMRY-WE1	CONV22	DTC	
052-YRMRY-WE1	CONV23	DTC	
052-YRMRY-WE1	PEST17	DTC	
052-YRMRY-WE1	PEST20	DTC	
052-YRMRY-WE1	BACT10	0.5	
052-YRMRY-WE1	ATOX30	0.5	

Time at Completion of Sampling: 1330

LOWDO ~ 2.6

Sampling Crew: PER North

Additional Notes or Comments:

Recalibrated D.O. probe, & check membrane. Found hole in D.O. membrane.
changed, recalibrated & remeasured. DO = 20.06 mg/L

Water was clear & green w/ schools of small fish visible at sampling site.

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Feather River near Nicolaus

Reference

GPS Readings

Latitude: 38.903

38.78867

Longitude: -121.586167

121.62503

Personnel: ERS / QD

Date: 7/6/06

Arrival Time: 1740

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel

Depth (m)

1800

21.82

7.36

14.6

88

3.5ft

Flow Data

Wet channel width (m): 188yds

Stage (units): NA

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-FRNIC-WB1	PEST40	<u>DTC</u>	
052-FRNIC-WE1	HGTF11	<u>1.5</u>	
052-FRNIC-WE1	HGTU12	<u>1.5</u>	
052-FRNIC-WE1	HGMU12	<u>1.5</u>	
052-FRNIC-WE1	HGMF11	<u>1.5</u>	
052-FRNIC-WE1	CONV15	<u>1.5</u>	
052-FRNIC-WE1	CONV40	<u>1.5</u>	
052-FRNIC-WE1	CONV22	<u>DTC</u>	
052-FRNIC-WE1	CONV23	<u>DTC</u>	
052-FRNIC-WE1	PEST15	<u>DTC</u>	
052-FRNIC-WE1	PEST40	<u>DTC</u>	
052-FRNIC-WE1	BACT10	<u>DTC</u>	
052-FRNIC-WE1	ATOX30	<u>1.5</u>	

Time at Completion of Sampling: 1845

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: Sacramento River at Veterans Bridge

Reference

GPS Readings

Latitude: 38.6746833

38.67425

Longitude: -121.627517

121.62770

Personnel: Ed Salinas, Quang Do

Date: 7/7/2006

Arrival Time: 0945

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (m)

1015

21.4

7.80

9.85

162

15.9ft

Flow Data

Wet channel width (m): 135yds

Stage (units): N/A

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-SRVET-WE1	HGTF11	<u>2ft</u>	
052-SRVET-WE1	HGTU12	<u>2ft</u>	
052-SRVET-WE1	HGMU12	<u>2ft</u>	
052-SRVET-WE1	HGMF11	<u>2ft</u>	
052-SRVET-WE1	CONV14	<u>2ft</u>	
052-SRVET-WE1	PEST14	<u>DTC</u>	
052-SRVET-WE1	PEST40	<u>DTC</u>	
052-SRVET-WE1	ATOX30	<u>2ft</u>	

Time at Completion of Sampling: 1035

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

GPS Readings

Latitude: 38.60195

N38.60154

Longitude: -121.501117

W121.50186

Personnel: Ed Salinas, Quang Do

Date: 7/7/06

Arrival Time: 8:00

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel

Depth (m)

8:30

16.14

7.07

11.3

47

9.3 ft

Flow Data

Wet channel width (m): 151 yards

Stage (units): _____

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-ARDPK-WE1	HGTF11	<u>4'</u>	
052-ARDPK-WE1	HGTU12	<u>4'</u>	
052-ARDPK-WE1	HGMU12	<u>4'</u>	
052-ARDPK-WE1	HGMF11	<u>4'</u>	
052-ARDPK-WE1	ATOX30	<u>4'</u>	

Time at Completion of Sampling: 9:00

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Site: **Sacramento River at Freeport**

Reference: **38.45815** GPS Readings: **58.45776**

Latitude: **38.45815** Longitude: **-121.502833** **121.50286**

Personnel: **Ed Salinas / Quang Do** Date: **7/7/06** Arrival Time: **1245**

Field Measured Data

Time (PST) **1300** Temp (°C) **20.85** pH **7.83** D. O. (mg/L) **10.18** EC (µS) **128** Midchannel Depth (m) **25.6ft**

Flow Data

Wet channel width (m): **195yds**

Stage (units):

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-SRFPT-WE1	HGTF11	3ft	
052-SRFPT-WE1	HGTU12	3ft	
052-SRFPT-WE1	HGMU12	3ft	
052-SRFPT-WE1	HGMF11	3ft	
052-SRFPT-WE1	CONV14	3ft	
052-SRFPT-WE1	ATOX30	3ft	

Time at Completion of Sampling: **1315**

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

GPS Readings

Latitude: 38.43467

38.43488

Longitude: -121.519167

121.52059

Personnel: El Salinas / Gungo Do

Date: 7/7/06

Arrival Time: 12:08

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS)

Midchannel
Depth (m)

1230

20.87

7.34

10.2

141

24.9ft

Flow Data

Wet channel width (m): 158yds

Stage (units): _____

Flow and Depth recordings

Samples Collected (all sample collection time set to Field Measured Data start time)

Sample ID	Analysis Group	Sample Depth	NOTES
052-SRRMF-WE1	HGTF11	<u>3ft</u>	
052-SRRMF-WE1	HGTU12	<u>3ft</u>	
052-SRRMF-WE1	HGMU12	<u>3ft</u>	
052-SRRMF-WE1	HGMF11	<u>3ft</u>	
052-SRRMF-WE1	CONV14	<u>3ft</u>	

Time at Completion of Sampling: 05:24G 1205

Sampling Crew: PER North

Additional Notes or Comments:

Samples Analyzed by APPL

Samples Collected by PER North

Sample ID	Site/Source/Target	Analysis Group	Sample Type/Matrix	QA/QC
052-CHKNT-WE1	Churn Creek at Knighton Road	PEST20	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental 1
052-SRCOL-WE1	Sacramento River at Colusa	PEST40	molinate & thiobencarb (EPA507)	Environmental 1
052-COLDR-WE1	Colusa Basin Drain above KL	PEST20	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental 1
052-COLDR-WE2	Colusa Basin Drain above KL	PEST20	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental 2
052-COLDR-WE1	Colusa Basin Drain above KL	PEST40	molinate & thiobencarb (EPA507)	Environmental 1
052-SACSL-WB1	Sacramento Slough	PEST20	Carbamates, urea pesticides (L-L EPA 632/8321)	Field Blank 1
052-SACSL-WE1	Sacramento Slough	PEST20	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental 1
052-SACSL-WE1	Sacramento Slough	PEST40	molinate & thiobencarb (EPA507)	Environmental 1
052-SACSL-WE2	Sacramento Slough	PEST40	molinate & thiobencarb (EPA507)	Environmental 2
052-YRMRV-WE1	Yuba River at Marysville	PEST20	Carbamates, urea pesticides (L-L EPA 632/8321)	Environmental 1
052-FRNIC-WB1	Feather River near Nicolaus	PEST40	molinate & thiobencarb (EPA507)	Field Blank 1
052-FRNIC-WE1	Feather River near Nicolaus	PEST40	molinate & thiobencarb (EPA507)	Environmental 1
052-SRVET-WE1	Sacramento River at Veterans Bridge	PEST40	molinate & thiobencarb (EPA507)	Environmental 1

DOC Analysis Notes for APPL:

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID Site Description

Analyte Group

Sample Type & Rep QA Info

052-CHKNT-WE1	Churn Creek at Knighton Road	HGTF11	Total Hg, filtered	Environmental	1
052-CHKNT-WE1	Churn Creek at Knighton Road	HGTU12	Total Hg, unfiltered	Environmental	1
052-CHKNT-WE1	Churn Creek at Knighton Road	HGMU12	Methyl Hg, unfiltered	Environmental	1
052-CHKNT-WE1	Churn Creek at Knighton Road	HGMF11	Methyl Hg, filtered	Environmental	1
052-CHKNT-WE1	Churn Creek at Knighton Road	CONV15	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1
052-CHKNT-WE1	Churn Creek at Knighton Road	CONV40	NO3+NO2, TKN and Total P	Environmental	1
052-CHKNT-WE1	Churn Creek at Knighton Road	CONV22	TOC - UOAX3	Environmental	1
052-CHKNT-WE1	Churn Creek at Knighton Road	CONV23	DOC and UVA254	Environmental	1
052-CHKNT-WE1	Churn Creek at Knighton Road	BACT10	E. coli	Environmental	1
052-SRBR-WE1	Sacramento River below Keswick	BACT10	E. coli	Environmental	1
052-SRABB-WE1	Sacramento River above Bend Bridge	HGTF11	Total Hg, filtered	Environmental	1
052-SRABB-WE1	Sacramento River above Bend Bridge	HGTU12	Total Hg, unfiltered	Environmental	1
052-SRABB-WE1	Sacramento River above Bend Bridge	HGMU12	Methyl Hg, unfiltered	Environmental	1
052-SRABB-WE1	Sacramento River above Bend Bridge	HGMF11	Methyl Hg, filtered	Environmental	1
052-SRABB-WE1	Sacramento River above Bend Bridge	CONV10	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate, UVA254	Environmental	1
052-SRABB-WE1	Sacramento River above Bend Bridge	CONV40	NO3+NO2, TKN and Total P	Environmental	1
052-SRABB-WE1	Sacramento River above Bend Bridge	CONV22	TOC	Environmental	1
052-SRABB-WE1	Sacramento River above Bend Bridge	CONV23	DOC and UVA254	Environmental	1
052-SRABB-WE1	Sacramento River above Bend Bridge	BACT10	E. coli	Environmental	1
052-SRHAM-WE1	Sacramento River near Hamilton City	HGTF11	Total Hg, filtered	Environmental	1
052-SRHAM-WE2	Sacramento River near Hamilton City	HGTF11	Total Hg, filtered	Environmental	2
052-SRHAM-WE1	Sacramento River near Hamilton City	HGTU12	Total Hg, unfiltered	Environmental	1
052-SRHAM-WE1	Sacramento River near Hamilton City	HGMU12	Methyl Hg, unfiltered	Environmental	1
052-SRHAM-WE1	Sacramento River near Hamilton City	HGMF11	Methyl Hg, filtered	Environmental	1
052-SRHAM-WE2	Sacramento River near Hamilton City	HGMF11	Methyl Hg, filtered	Environmental	2
052-SRHAM-WE1	Sacramento River near Hamilton City	CONV16	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	1
052-SRHAM-WE2	Sacramento River near Hamilton City	CONV16	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate	Environmental	2
052-SRHAM-WE1	Sacramento River near Hamilton City	CONV40	NO3+NO2, TKN and Total P	Environmental	1
052-SRHAM-WE2	Sacramento River near Hamilton City	CONV40	NO3+NO2, TKN and Total P	Environmental	2
052-SRHAM-WE1	Sacramento River near Hamilton City	CONV22	TOC	Environmental	1
052-SRHAM-WE1	Sacramento River near Hamilton City	CONV23	DOC and UVA254	Environmental	1
052-SRHAM-WE2	Sacramento River near Hamilton City	CONV23	DOC and UVA254	Environmental	2
052-SRHAM-WE1	Sacramento River near Hamilton City	BACT10	E. coli	Environmental	1

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID Site Description Analyte Group

Sample Type & Rep QA info

Q 052-SRCOL-WE1	Sacramento River at Colusa	HGTF11	Total Hg, filtered	Environmental	1
Q 052-SRCOL-WE1	Sacramento River at Colusa	HGTU12	Total Hg, unfiltered	Environmental	1
Q 052-SRCOL-WE1	Sacramento River at Colusa	HGMU12	Methyl Hg, unfiltered	Environmental	1
Q 052-SRCOL-WE1	Sacramento River at Colusa	HGMF11	Methyl Hg, filtered	Environmental	1
Q 052-SRCOL-WE1	Sacramento River at Colusa	CONV10	TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate, UV254	Environmental	1
Q 052-SRCOL-WE1	Sacramento River at Colusa	CONV40	NO3+NO2, TKN and Total P	Environmental	1
Q 052-SRCOL-WE1	Sacramento River at Colusa	CONV22	TOC	Environmental	1
Q 052-SRCOL-WE1	Sacramento River at Colusa	CONV23	DOC and UVA254	Environmental	1
Q 052-SRCOL-WE1	Sacramento River at Colusa	BACT10	E. coli	Environmental	1
Q 052-COLDR-WE1	Colusa Basin Drain above KL	HGTF11	Total Hg, filtered	Environmental	1
Q 052-COLDR-WE1	Colusa Basin Drain above KL	HGTU12	Total Hg, unfiltered	Environmental	1
Q 052-COLDR-WE1	Colusa Basin Drain above KL	HGMU12	Methyl Hg, unfiltered	Environmental	1
Q 052-COLDR-WE1	Colusa Basin Drain above KL	HGMF11	Methyl Hg, filtered	Environmental	1
Q 052-COLDR-WE1	Colusa Basin Drain above KL	CONV15	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1
Q 052-COLDR-WE1	Colusa Basin Drain above KL	CONV22	TOC	Environmental	1
Q 052-COLDR-WE1	Colusa Basin Drain above KL	CONV23	DOC and UVA254	Environmental	1
Q 052-COLDR-WE1	Colusa Basin Drain above KL	BACT10	E. coli	Environmental	1
Q 052-SACSL-WB1	Sacramento Slough	HGTU12	Total Hg, unfiltered	Field Blank	1
Q 052-SACSL-WB1	Sacramento Slough	HGMU12	Methyl Hg, unfiltered	Field Blank	1
Q 052-SACSL-WB1	Sacramento Slough	CONV12	Dissolved Ortho-Phosphate	Field Blank	1
Q 052-SACSL-WB1	Sacramento Slough	CONV40	NO3+NO2, TKN and Total P	Field Blank	1
Q 052-SACSL-WB1	Sacramento Slough	CONV22	TOC	Field Blank	1
Q 052-SACSL-WB1	Sacramento Slough	BACT10	E. coli	Field Blank	1
Q 052-SACSL-WE1	Sacramento Slough	HGTF11	Total Hg, filtered	Environmental	1
Q 052-SACSL-WE1	Sacramento Slough	HGTU12	Total Hg, unfiltered	Environmental	1
Q 052-SACSL-WE1	Sacramento Slough	HGMU12	Methyl Hg, unfiltered	Environmental	1
Q 052-SACSL-WE1	Sacramento Slough	HGMF11	Methyl Hg, filtered	Environmental	1
Q 052-SACSL-WE1	Sacramento Slough	CONV15	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1
Q 052-SACSL-WE1	Sacramento Slough	CONV40	NO3+NO2, TKN and Total P	Environmental	1
Q 052-SACSL-WE1	Sacramento Slough	CONV22	TOC	Environmental	1
Q 052-SACSL-WE1	Sacramento Slough	CONV23	DOC and UVA254	Environmental	1
Q 052-SACSL-WE1	Sacramento Slough	BACT10	E. coli	Environmental	1
Q 052-YRMRY-WE1	Yuba River at Marysville	HGTU12	Total Hg, unfiltered	Environmental	1

Samples Analyzed by Caltest

Samples Collected by PER North

Sample Type & Rep: Q4 only

Analyte Group

Site Description

Sample ID

Q 052-YRMRY-WE1	Yuba River at Marysville	HGTF11	Total Hg, filtered	Environmental	1
Q 052-YRMRY-WE1	Yuba River at Marysville	HGMU12	Methyl Hg, unfiltered	Environmental	1
Q 052-YRMRY-WE1	Yuba River at Marysville	HGMF11	Methyl Hg, filtered	Environmental	1
Q 052-YRMRY-WE1	Yuba River at Marysville	CONV15	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1
Q 052-YRMRY-WE1	Yuba River at Marysville	CONV40	NO3+NO2, TKN and Total P	Environmental	1
Q 052-YRMRY-WE1	Yuba River at Marysville	CONV22	TOC	Environmental	1
Q 052-YRMRY-WE1	Yuba River at Marysville	CONV23	DOC and UVA254	Environmental	1
Q 052-YRMRY-WE1	Yuba River at Marysville	BACT10	E. coli	Environmental	1
Q 052-FRNIC-WE1	Feather River near Nicolaus	HGTF11	Total Hg, filtered	Environmental	1
Q 052-FRNIC-WE1	Feather River near Nicolaus	HGTU12	Total Hg, unfiltered	Environmental	1
Q 052-FRNIC-WE1	Feather River near Nicolaus	HGMU12	Methyl Hg, unfiltered	Environmental	1
Q 052-FRNIC-WE1	Feather River near Nicolaus	HGMF11	Methyl Hg, filtered	Environmental	1
Q 052-FRNIC-WE1	Feather River near Nicolaus	CONV15	TSS, TDS, Turbidity, Dis. Ortho-P	Environmental	1
Q 052-FRNIC-WE1	Feather River near Nicolaus	CONV40	NO3+NO2, TKN and Total P	Environmental	1
Q 052-FRNIC-WE1	Feather River near Nicolaus	CONV22	TOC	Environmental	1
Q 052-FRNIC-WE1	Feather River near Nicolaus	CONV23	DOC and UVA254	Environmental	1
Q 052-FRNIC-WE1	Feather River near Nicolaus	BACT10	E. coli	Environmental	1
Q 052-SRVET-WE1	Sacramento River at Veterans Bridge	HGTF11	Total Hg, filtered	Environmental	1
Q 052-SRVET-WE1	Sacramento River at Veterans Bridge	HGTU12	Total Hg, unfiltered	Environmental	1
Q 052-SRVET-WE1	Sacramento River at Veterans Bridge	HGMU12	Methyl Hg, unfiltered	Environmental	1
Q 052-SRVET-WE1	Sacramento River at Veterans Bridge	HGMF11	Methyl Hg, filtered	Environmental	1
Q 052-SRVET-WE1	Sacramento River at Veterans Bridge	CONV14	Sulfate, TSS	Environmental	1
Q 052-ARDPK-WE1	American River at Discovery Park	HGTF11	Total Hg, filtered	Environmental	1
Q 052-ARDPK-WE1	American River at Discovery Park	HGTU12	Total Hg, unfiltered	Environmental	1
Q 052-ARDPK-WE1	American River at Discovery Park	HGMU12	Methyl Hg, unfiltered	Environmental	1
Q 052-ARDPK-WE1	American River at Discovery Park	HGMF11	Methyl Hg, filtered	Environmental	1
Q 052-SRFPT-WE1	Sacramento River at Freeport	HGTF11	Total Hg, filtered	Environmental	1
Q 052-SRFPT-WE1	Sacramento River at Freeport	HGTU12	Total Hg, unfiltered	Environmental	1
Q 052-SRFPT-WE1	Sacramento River at Freeport	HGMU12	Methyl Hg, unfiltered	Environmental	1
Q 052-SRFPT-WE1	Sacramento River at Freeport	HGMF11	Methyl Hg, filtered	Environmental	1
Q 052-SRFPT-WE1	Sacramento River at Freeport	CONV14	Sulfate, TSS	Environmental	1
Q 052-SRRMF-WE1	Sacramento River at River Mile 44	HGTF11	Total Hg, filtered	Environmental	1
Q 052-SRRMF-WE1	Sacramento River at River Mile 44	HGTU12	Total Hg, unfiltered	Environmental	1

Samples Analyzed by Caltest

Samples Collected by PER North

Sample ID	Site/Description	Analyte Group	Sample Type & Rep	QA Info
Q 052-SRRMF-WE1	Sacramento River at River Mile 44	HGMU12 Methyl Hg, unfiltered	Environmental	1
Q 052-SRRMF-WE1	Sacramento River at River Mile 44	HGMF11 Methyl Hg, filtered	Environmental	1
Q 052-SRRMF-WE1	Sacramento River at River Mile 44	CONV14 Sulfate, TSS	Environmental	1

COC Analysis Notes for Caltest:

Samples Analyzed by CRG

Samples Collected by PER North

Sample ID	Site Description	Analyte Group	Sample Type & Rep	QA info
Q 052-CHKNT-WE1	Churn Creek at Knighton Road	PEST15 OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental 1	
Q 052-SRBKR-WE1	Sacramento River below Keswick	PEST10 OP pesticides (EPA625m)	Environmental 1	MS/MSD
Q 052-SRHAM-WE1	Sacramento River near Hamilton City	PEST15 OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental 1	
Q 052-SRHAM-WE2	Sacramento River near Hamilton City	PEST15 OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental 2	Field Duplicate
Q 052-SRCOL-WE1	Sacramento River at Colusa	PEST17 OPs, & pyrethroids (EPA625m)	Environmental 1	
Q 052-COLDR-WE1	Colusa Basin Drain above KL	PEST16 OPs, pyrethroids, & OCs (EPA625m)	Environmental 1	
Q 052-SACSL-WB1	Sacramento Slough	PEST16 OPs, pyrethroids, & OCs (EPA625m)	Field Blank 1	Field Blank
Q 052-SACSL-WE1	Sacramento Slough	PEST16 OPs, pyrethroids, & OCs (EPA625m)	Environmental 1	
Q 052-YRMRY-WE1	Yuba River at Marysville	PEST17 OPs, & pyrethroids (EPA625m)	Environmental 1	
Q 052-FRNIC-WE1	Feather River near Nicolaus	PEST15 OPs, pyrethroids, triazines, & OCs (EPA625m)	Environmental 1	
Q 052-SRVET-WE1	Sacramento River at Veterans Bridge	PEST14 OPs, pyrethroids, & triazines (EPA625m)	Environmental 1	

DOC Analysis Notes for CRG:

2 bottles each

Samples Analyzed by PER

Samples Collected by PER North

Sample ID	Site Description	Analysis	Sample Type & Rep	QA Info
Q 052-CHKNT-WE1	Churn Creek at Knighton Road	ATOX30 Aquatic toxicity, 3 species	Environmental	1
Q 052-SRBKR-WE1	Sacramento River below Keewick	ATOX30 Aquatic toxicity, 3 species	Environmental	1
Q 052-SRABB-WE1	Sacramento River above Bend Bridge	ATOX30 Aquatic toxicity, 3 species	Environmental	1
Q 052-SRHAM-WE1	Sacramento River near Hamilton City	ATOX30 Aquatic toxicity, 3 species	Environmental	1 Lab Duplicate
Q 052-SRCOL-WE1	Sacramento River at Colusa	ATOX30 Aquatic toxicity, 3 species	Environmental	1
Q 052-COLDR-WE1	Colusa Basin Drain above KL	ATOX30 Aquatic toxicity, 3 species	Environmental	1
Q 052-SACSL-WE1	Sacramento Slough	ATOX30 Aquatic toxicity, 3 species	Environmental	1
Q 052-YRMRY-WE1	Yuba River at Marysville	ATOX30 Aquatic toxicity, 3 species	Environmental	1
Q 052-FRNIC-WE1	Feather River near Nicolaus	ATOX30 Aquatic toxicity, 3 species	Environmental	1
Q 052-SRVET-WE1	Sacramento River at Veterans Bridge	ATOX30 Aquatic toxicity, 3 species	Environmental	1
Q 052-ARDPK-WE1	American River at Discovery Park	ATOX30 Aquatic toxicity, 3 species	Environmental	1
Q 052-SRFPT-WE1	Sacramento River at Freeport	ATOX30 Aquatic toxicity, 3 species	Environmental	1

>OC Analysis Notes for PER: