

Sacramento River Watershed Program

Field Sampling Event 66:

Field Log

July 2007



PACIFIC ECORISK
ENVIRONMENTAL CONSULTING & TESTING

Event 066 Samples Collected by PER North

| Sacramento River below Keswick | | | | | SRBKR |
|---|-----------------------------|---------------|-----------|----|---------|
| Sample ID | Analyte Group | Sample Type | # bottles | QA | Lab |
| <input checked="" type="checkbox"/> 066-SRBKR-WE1 | OP pesticides (EPA625m) | Environmental | 2 | | CRG |
| <input checked="" type="checkbox"/> 066-SRBKR-WE1 | E. coli | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-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"/> 066-CHKNT-WE1 | Total Hg, filtered | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | Total Hg, unfiltered | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | Methyl Hg, filtered | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | TSS, TDS, Turbidity, Dis. Ortho-P | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | NO3+NO2, TKN and Total P | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | TOC | Environmental | 3 | | Caltest |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | DOC and UVA254 | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | OPs & Triazines (EPA625m) | Environmental | 2 | | CRG |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | Carbamates, urea pesticides (L-L EPA 632/8321) | Environmental | 2 | | APPL |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | E. coli | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-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"/> 066-SRABB-WE1 | Total Hg, filtered | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-SRABB-WE1 | Total Hg, unfiltered | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-SRABB-WE1 | Methyl Hg, filtered | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-SRABB-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-SRABB-WE1 | TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-SRABB-WE1 | NO3+NO2, TKN and Total P | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-SRABB-WE1 | TOC | Environmental | 3 | | Caltest |
| <input checked="" type="checkbox"/> 066-SRABB-WE1 | DOC and UVA254 | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-SRABB-WE1 | E. coli | Environmental | 1 | | Caltest |
| <input checked="" type="checkbox"/> 066-SRABB-WE1 | Aquatic toxicity, 3 species | Environmental | 1 | | PER |
| ▲ SRABB samples ▲ | | | | | |

Event 066 Samples Collected by PER North

| Sacramento River near Hamilton City | | | | | SRHAM |
|-------------------------------------|--|---------------|-----------|-------------|---------|
| Sample ID | Analyte Group | Sample Type | # bottles | QA | Lab |
| 066-SRHAM-WB1 | OPs & Triazines (EPA625m) | Field Blank | 2 | Field Blank | CRG |
| 066-SRHAM-WE1 | Total Hg, filtered | Environmental | 1 | | Caltest |
| 066-SRHAM-WE1 | Total Hg, unfiltered | Environmental | 1 | | Caltest |
| 066-SRHAM-WE1 | Methyl Hg, filtered | Environmental | 1 | | Caltest |
| 066-SRHAM-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | Caltest |
| 066-SRHAM-WE1 | TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate | Environmental | 1 | | Caltest |
| 066-SRHAM-WE1 | NO3+NO2, TKN and Total P | Environmental | 1 | | Caltest |
| 066-SRHAM-WE1 | TOC | Environmental | 3 | | Caltest |
| 066-SRHAM-WE1 | DOC and UVA254 | Environmental | 1 | | Caltest |
| 066-SRHAM-WE1 | OPs & Triazines (EPA625m) | Environmental | 2 | | CRG |
| 066-SRHAM-WE1 | E. coli | Environmental | 1 | | Caltest |
| 066-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 |
| 066-SRCOL-WE1 | Total Hg, filtered | Environmental | 1 | | Caltest |
| 066-SRCOL-WE1 | Total Hg, unfiltered | Environmental | 1 | | Caltest |
| 066-SRCOL-WE2 | Total Hg, unfiltered | Environmental | 1 | Field Duplicate | Caltest |
| 066-SRCOL-WE1 | Methyl Hg, filtered | Environmental | 1 | | Caltest |
| 066-SRCOL-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | Caltest |
| 066-SRCOL-WE2 | Methyl Hg, unfiltered | Environmental | 1 | Field Duplicate | Caltest |
| 066-SRCOL-WE1 | TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate | Environmental | 1 | | Caltest |
| 066-SRCOL-WE2 | TSS, TDS, Turbidity, Dis. Ortho-P, Sulfate | Environmental | 1 | Field Duplicate | Caltest |
| 066-SRCOL-WE1 | NO3+NO2, TKN and Total P | Environmental | 1 | | Caltest |
| 066-SRCOL-WE1 | TOC | Environmental | 3 | | Caltest |
| 066-SRCOL-WE1 | DOC and UVA254 | Environmental | 1 | | Caltest |
| 066-SRCOL-WE1 | OPs & Triazines (EPA625m) | Environmental | 2 | | CRG |
| 066-SRCOL-WE2 | OPs & Triazines (EPA625m) | Environmental | 2 | Field Duplicate | CRG |
| 066-SRCOL-WE1 | E. coli | Environmental | 1 | | Caltest |
| 066-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 |
| 066-YRMRY-WE1 | Total Hg, filtered | Environmental | 1 | | Caltest |
| 066-YRMRY-WE1 | Total Hg, unfiltered | Environmental | 1 | | Caltest |
| 066-YRMRY-WE1 | Methyl Hg, filtered | Environmental | 1 | | Caltest |
| 066-YRMRY-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | Caltest |
| 066-YRMRY-WE1 | TSS, TDS, Turbidity, Dis. Ortho-P | Environmental | 1 | | Caltest |
| 066-YRMRY-WE1 | NO3+NO2, TKN and Total P | Environmental | 1 | | Caltest |
| 066-YRMRY-WE2 | NO3+NO2, TKN and Total P | Environmental | 1 | Field Duplicate | Caltest |
| 066-YRMRY-WE1 | TOC | Environmental | 3 | | Caltest |
| 066-YRMRY-WE1 | DOC and UVA254 | Environmental | 1 | | Caltest |
| 066-YRMRY-WE2 | DOC and UVA254 | Environmental | 1 | Field Duplicate | Caltest |
| 066-YRMRY-WE1 | OPs & Triazines (EPA625m) | Environmental | 2 | | CRG |
| 066-YRMRY-WE1 | Carbamates, urea pesticides (L-L EPA 632/8321) | Environmental | 6 | MS/MSD | APPL |
| 066-YRMRY-WE2 | Carbamates, urea pesticides (L-L EPA 632/8321) | Environmental | 2 | Field Duplicate | APPL |
| 066-YRMRY-WE1 | E. coli | Environmental | 1 | | Caltest |
| 066-YRMRY-WE1 | Aquatic toxicity, 3 species | Environmental | 1 | | PER |

▲ YRMRY samples ▲

Event 066 Samples Collected by PER North

Colusa Basin Drain above KL

| | | | | | | COLDR |
|---|--|---------------|-----------|-------------|--|---------|
| Sample ID | Analyte Group | Sample Type | # bottles | QA | | Lab |
| <input checked="" type="checkbox"/> 066-COLDR-WB1 | Dissolved Ortho-Phosphate | Field Blank | 1 | Field Blank | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WB1 | NO3+NO2, TKN and Total P | Field Blank | 1 | Field Blank | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WB1 | DOC | Field Blank | 1 | Field Blank | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WB1 | E. coli | Field Blank | 1 | Field Blank | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | Total Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | Total Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | Methyl Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | TSS, TDS, Turbidity, Dis. Ortho-P | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | NO3+NO2, TKN and Total P | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | TOC | Environmental | 3 | | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | DOC and UVA254 | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | OPs & Triazines (EPA625m) | Environmental | 2 | | | CRG |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | Carbamates, urea pesticides (L-L EPA 632/8321) | Environmental | 2 | | | APPL |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | E. coli | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-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 |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | Total Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | Total Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | Methyl Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | TSS, TDS, Turbidity, Dis. Ortho-P | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | NO3+NO2, TKN and Total P | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | TOC | Environmental | 3 | | | Caltest |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | DOC and UVA254 | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | OPs & Triazines (EPA625m) | Environmental | 2 | | | CRG |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | E. coli | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | Aquatic toxicity, 3 species | Environmental | 1 | | | PER |

▲ FRNIC samples ▲

Sacramento Slough

| | | | | | | SACSL |
|---|--|---------------|-----------|-------------|--|---------|
| Sample ID | Analyte Group | Sample Type | # bottles | QA | | Lab |
| <input checked="" type="checkbox"/> 066-SACSL-WB1 | Carbamates, urea pesticides (L-L EPA 632/8321) | Field Blank | 2 | Field Blank | | APPL |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | Total Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | Total Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | Methyl Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | TSS, TDS, Turbidity, Dis. Ortho-P | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | NO3+NO2, TKN and Total P | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | TOC | Environmental | 3 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | DOC and UVA254 | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | OPs & Triazines (EPA625m) | Environmental | 2 | | | CRG |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | Carbamates, urea pesticides (L-L EPA 632/8321) | Environmental | 2 | | | APPL |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | E. coli | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | Aquatic toxicity, 3 species | Environmental | 1 | | | PER |

▲ SACSL samples ▲

Event 066 Samples Collected by PER North

| Sacramento River at Veterans Bridge | | | | | | SRVET |
|---|-----------------------------|---------------|-----------|-------------|--|---------|
| Sample ID | Analyte Group | Sample Type | # bottles | QA | | Lab |
| <input checked="" type="checkbox"/> 066-SRVET-WE1 | Total Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SRVET-WE1 | Total Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SRVET-WE1 | Methyl Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SRVET-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SRVET-WE1 | Sulfate, TSS | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SRVET-WE1 | OPs & Triazines (EPA625m) | Environmental | 2 | | | CRG |
| <input checked="" type="checkbox"/> 066-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"/> 066-ARDPK-WE1 | Total Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-ARDPK-WE1 | Total Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-ARDPK-WE1 | Methyl Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-ARDPK-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-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"/> 066-SRRMF-WB1 | Total Hg, filtered | Field Blank | 1 | Field Blank | | Caltest |
| <input checked="" type="checkbox"/> 066-SRRMF-WB1 | Methyl Hg, filtered | Field Blank | 1 | Field Blank | | Caltest |
| <input checked="" type="checkbox"/> 066-SRRMF-WE1 | Total Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SRRMF-WE1 | Total Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SRRMF-WE1 | Methyl Hg, filtered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SRRMF-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | | Caltest |
| <input checked="" type="checkbox"/> 066-SRRMF-WE1 | Sulfate, TSS | Environmental | 1 | | | Caltest |
| ▲ SRRMF samples ▲ | | | | | | |

Event 066 Samples Collected by PER North

| Sacramento River at Freeport | | | | | SRFPT |
|------------------------------|-----------------------------|---------------|-----------|---------------|---------|
| Sample ID | Analyte Group | Sample Type | # bottles | QA | Lab |
| ☑ 066-SRFPT-WE1 | Total Hg, filtered | Environmental | 1 | | Caltest |
| ☑ 066-SRFPT-WE1 | Total Hg, unfiltered | Environmental | 1 | | Caltest |
| ☑ 066-SRFPT-WE1 | Methyl Hg, filtered | Environmental | 1 | | Caltest |
| ☑ 066-SRFPT-WE1 | Methyl Hg, unfiltered | Environmental | 1 | | Caltest |
| ☑ 066-SRFPT-WE1 | Sulfate, TSS | Environmental | 1 | | Caltest |
| ☑ 066-SRFPT-WE1 | Aquatic toxicity, 3 species | Environmental | 2 | Lab Duplicate | PER |
| ▲ SRFPT samples ▲ | | | | | |

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento River below Keswick Reference: 40.6011167 GPS Readings: 40.60875
Latitude: 40.6011167 Longitude: -122.443333 -122.44625
Personnel: Quang Do, Mike Reymann Date: 7/24/07 Arrival Time: 1115

Field Measured Data

Time (PST) 11:30 Temp (°C) 11.83 pH 7.20 D. O. (mg/L) 10.75 EC (µS/cm) 120
☐ Stage (ft), or ☐ Midchannel Depth (ft) N/A

Flow Data

Flow and Depth recordings Wet channel width (ft): 138

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 |
|---------------|----------------|--|-------------------|-------|
| 066-SRBKR-WE1 | PEST10 | Amber Glass, 1 L [2] none | 0.5 | |
| 066-SRBKR-WE1 | BACT10 | Polyethylene, 125 mL [1] none | 0.05 PL | |
| 066-SRBKR-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [1] none | 0.5 | |
| | | | | |
| | | | | |

Time at Completion of Sampling: 1140 Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Churn Creek at Knighton Road Reference: Latitude: 40.5082 GPS Readings: 40.50854
Longitude: -122.3162 -122.31644
Personnel: Quang Do, Mike Reymann Date: 7/24/07 Arrival Time: 1225

Field Measured Data

Time (PST) Temp (°C) pH D. O. (mg/L) EC (µS/cm) ☐ Stage (ft), or ☒ Midchannel Depth (ft)
1245 22.28 7.10 8.25 183 0.4

Flow Data

Flow and Depth recordings Wet channel width (ft): 9.0

Interrupted flow. Maximum flow at midchannel estimated to be 1.0-1.2 f/s.

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 |
|---------------|----------------|--|-------------------|-------|
| 066-CHKNT-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 0.2 | |
| 066-CHKNT-WE1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 0.2 | |
| 066-CHKNT-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 0.2 | |
| 066-CHKNT-WE1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 0.2 | |
| 066-CHKNT-WE1 | CONV15 | Polyethylene, 2 L [1] none | 0.2 | |
| 066-CHKNT-WE1 | CONV40 | Polyethylene, 0.5 L [1] H2SO4 | 0.2 | |
| 066-CHKNT-WE1 | CONV22 | VOA, PTFE lined cap, 40mL [3] H2SO4 | 0.05 | PTC |
| 066-CHKNT-WE1 | CONV23 | Amber glass, PTFE lined cap, 250 mL [1] none | 0.05 | PTC |
| 066-CHKNT-WE1 | PEST11 | Amber Glass, 1 L [2] none | 0.2 | |
| 066-CHKNT-WE1 | PEST20 | Amber Glass, 1 L [2] none | 0.2 | |
| 066-CHKNT-WE1 | BACT10 | Polyethylene, 125 mL [1] none | 0.05 | PTC |
| 066-CHKNT-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [1] none | 0.2 | |
| | | | | |
| | | | | |

Time at Completion of Sampling: 1300

Sampling Crew: PER North

Additional Notes or Comments:

Stream is completely covered with vegetation ~ 10' upstream of sampling point

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: **Sacramento River above Bend Bridge** Reference: **40.2886167** GPS Readings: **40.26715**
 Latitude: **40.2886167** Longitude: **-122.18555** **122.22020**
 Personnel: **Quang Do, Mike Regman** Date: **7/24/07** Arrival Time: **1410**

Field Measured Data

Time (PST) ¹⁴³⁰ **13.8th** Temp (°C) **13.83** pH **7.53** D. O. (mg/L) **11.81** EC (µS/cm) **116** ☐ Stage (ft), or ☒ Midchannel Depth (ft) **11.4**

Flow Data

Flow and Depth recordings

Wet channel width (ft): **507**

[Handwritten: 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 |
|---------------|----------------|--|-------------------|-------|
| 066-SRABB-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 6.0 | |
| 066-SRABB-WE1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 6.0 | |
| 066-SRABB-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 6.0 | |
| 066-SRABB-WE1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 6.0 | |
| 066-SRABB-WE1 | CONV16 | Polyethylene, 2 L [1] none | 6.0 | |
| 066-SRABB-WE1 | CONV40 | Polyethylene, 0.5 L [1] H2SO4 | 6.0 | |
| 066-SRABB-WE1 | CONV22 | VOA, PTFE lined cap, 40mL [3] H2SO4 | 0.05 ATC | |
| 066-SRABB-WE1 | CONV23 | Amber glass, PTFE lined cap, 250 mL [1] none | 0.05 ATC | |
| 066-SRABB-WE1 | BACT10 | Polyethylene, 125 mL [1] none | 0.05 ATC | |
| 066-SRABB-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [1] none | 6.0 | |
| | | | | |
| | | | | |

Time at Completion of Sampling: **1445**

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: Latitude: 39.752 GPS Readings: **39.75914**
Longitude: -121.994 **-122.01048**

Personnel: **Quang Do, Mike Reymann** Date: **7/24/2007** Arrival Time: **1630**

Field Measured Data

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

1645 17.99 7.70 11.44 121 10.1

Flow Data

Flow and Depth recordings

Wet channel width (ft): **591**

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 |
|----------------|----------------|--|-------------------|-------------|
| 066-SRHAM-WB1 | PEST11 | Amber Glass, 1 L [2] none | 5.0 | Field Blank |
| 066-SRHAM-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 5.0 | |
| 066-SRHAM-WE1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 5.0 | |
| 066-SRHAM-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 5.0 | |
| 066-SRHAM-WI:1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 5.0 | |
| 066-SRHAM-WE1 | CONV16 | Polyethylene, 2 L [1] none | 5.0 | |
| 066-SRHAM-WE1 | CONV40 | Polyethylene, 0.5 L [1] H2SO4 | 5.0 | |
| 066-SRHAM-WE1 | CONV22 | VOA, PTFE lined cap, 40mL [3] H2SO4 | 0.05 OTC | |
| 066-SRHAM-WE1 | CONV23 | Amber glass, PTFE lined cap, 250 mL [1] none | 0.05 OTC | |
| 066-SRHAM-WE1 | PEST11 | Amber Glass, 1 L [2] none | 5.0 | |
| 066-SRHAM-WE1 | BACT10 | Polyethylene, 125 mL [1] none | 0.05 OTC | |
| 066-SRHAM-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [1] none | 5.0 | |
| | | | | |
| | | | | |

Time at Completion of Sampling: **1700**

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: **Sacramento River at Colusa** Reference: GPS Readings:
 Latitude: 39.2141667 **39.21519**
 Longitude: -121.999167 **-122.00259**
 Personnel: Quang Do, Mike Reymann Date: 7/24/07 Arrival Time: 1815

Field Measured Data

Time (PST) Temp (°C) pH D. O. (mg/L) EC (µS/cm) ☐ Stage (ft), or ☒ Midchannel Depth (ft)
1830 20.17 7.75 10.42 123 13.1

Flow Data

Flow and Depth recordings

Wet channel width (ft): 372

(Handwritten: 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 |
|---------------|----------------|--|-------------------|-----------------|
| 066-SRCOL-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 6.5 | |
| 066-SRCOL-WE1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 6.5 | |
| 066-SRCOL-WE2 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 6.5 | Field Duplicate |
| 066-SRCOL-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 6.5 | |
| 066-SRCOL-WE1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 6.5 | |
| 066-SRCOL-WE2 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 6.5 | Field Duplicate |
| 066-SRCOL-WE1 | CONV16 | Polyethylene, 2 L [1] none | 6.5 | |
| 066-SRCOL-WE2 | CONV16 | Polyethylene, 2 L [1] none | 6.5 | Field Duplicate |
| 066-SRCOL-WE1 | CONV40 | Polyethylene, 0.5 L [1] H2SO4 | 6.5 | |
| 066-SRCOL-WE1 | CONV22 | VOA, PTFE lined cap, 40mL [3] H2SO4 | 0.05 MTC | |
| 066-SRCOL-WE1 | CONV23 | Amber glass, PTFE lined cap, 250 mL [1] none | 0.05 MTC | |
| 066-SRCOL-WE1 | PEST11 | Amber Glass, 1 L [2] none | 6.5 | |
| 066-SRCOL-WE2 | PEST11 | Amber Glass, 1 L [2] none | 6.5 | Field Duplicate |
| 066-SRCOL-WE1 | BACT10 | Polyethylene, 125 mL [1] none | 0.05 MTC | |
| 066-SRCOL-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [1] none | 6.5 | |
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Time at Completion of Sampling: 1850

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: 39.14202
 Latitude: 39.144445 Longitude: -121.576388 -121.57597
 Personnel: Quang Do, Mike Peyman Date: 7/25/07 Arrival Time: 0900

Field Measured Data

Time (PST) 0915 Temp (°C) 15.37 pH 6.23 D. O. (mg/L) 9.35 EC (µS/cm) 87 ☐ Stage (ft), or Midchannel Depth (ft) N/A

Flow Data

Flow and Depth recordings Wet channel width (ft): 177

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 |
|---------------|----------------|--|-------------------|-----------------|
| 066-YRMRY-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 1.5 | |
| 066-YRMRY-WE1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 1.5 | |
| 066-YRMRY-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 1.5 | |
| 066-YRMRY-WE1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 1.5 | |
| 066-YRMRY-WE1 | CONV15 | Polyethylene, 2 L [1] none | 1.5 | |
| 066-YRMRY-WE1 | CONV40 | Polyethylene, 0.5 L [1] H2SO4 | 1.5 | |
| 066-YRMRY-WE2 | CONV40 | Polyethylene, 0.5 L [1] H2SO4 | 1.5 | Field Duplicate |
| 066-YRMRY-WE1 | CONV22 | VOA, PTFE lined cap, 40mL [3] H2SO4 | 0.05 OR 1.5 | OR |
| 066-YRMRY-WE1 | CONV23 | Amber glass, PTFE lined cap, 250 mL [1] none | 0.05 OR | |
| 066-YRMRY-WE2 | CONV23 | Amber glass, PTFE lined cap, 250 mL [1] none | 0.05 OR | Field Duplicate |
| 066-YRMRY-WE1 | PEST11 | Amber Glass, 1 L [1] none | 1.5 | MS/MSD |
| 066-YRMRY-WE1 | PEST20 | Amber Glass, 1 L [6] none | 1.5 | MS/MSD |
| 066-YRMRY-WE2 | PEST20 | Amber Glass, 1 L [2] none | 1.5 | Field Duplicate |
| 066-YRMRY-WE1 | BACT10 | Polyethylene, 125 mL [1] none | 0.05 OR | |
| 066-YRMRY-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [1] none | 1.5 | |

Time at Completion of Sampling: 0940

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: 38.81187
 Latitude: 38.8120667 Longitude: -121.774083 122.77418
 Personnel: Quang Do, Mike Reymann Date: 7/25/07 Arrival Time: 1115

Field Measured Data

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

Time (PST) 1130 Temp (°C) 26.62 pH 7.65 D. O. (mg/L) 4.66 EC (µS/cm) 554

N/A

Flow Data

Flow and Depth recordings

Wet channel width (ft): 132

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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 |
|----------------|----------------|--|-------------------|-------------|
| 066-COLDR-WB1 | CONV12 | Polyethylene, 500 mL [1] none | N/A | Field Blank |
| 066-COLDR-WB1 | CONV40 | Polyethylene, 0.5 L [1] H2SO4 | N/A | Field Blank |
| 066-COLDR-WB1 | CONV21 | Amber glass, PTFE lined cap, 125 mL [1] none | N/A | Field Blank |
| 066-COLDR-WB1 | BACT10 | Polyethylene, 125 mL [1] none | N/A | Field Blank |
| 066-COLDR-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 2.0 | |
| 066-COLDR-WE1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 2.0 | |
| 066-COLDR-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 2.0 | |
| 066-COLDR-WE1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 2.0 | |
| 066-COLDR-WE1 | CONV15 | Polyethylene, 2 L [1] none | 2.0 | |
| 066-COLDR-WE1 | CONV40 | Polyethylene, 0.5 L [1] H2SO4 | 2.0 | |
| 066-COLDR-WI:1 | CONV22 | VOA, PTFE lined cap, 40mL [3] H2SO4 | 0.05 DTC | |
| 066-COLDR-WE1 | CONV23 | Amber glass, PTFE lined cap, 250 mL [1] none | 0.05 DTC | |
| 066-COLDR-WE1 | PEST11 | Amber Glass, 1 L [2] none | 2.0 | |
| 066-COLDR-WE1 | PEST20 | Amber Glass, 1 L [2] none | 2.0 | |
| 066-COLDR-WE1 | BACT10 | Polyethylene, 125 mL [1] none | 0.05 DTC | |
| 066-COLDR-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [1] none | 2.0 | |
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Time at Completion of Sampling: 1145

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: **Feather River near Nicolaus** Reference: **38.903** GPS Readings: **38.79022**
 Longitude: **-121.586167** **121.62725**
 Personnel: Quang Do, Mike Reymann Date: 7/25/07 Arrival Time: 1420

Field Measured Data

Time (PST) 1445 Temp (°C) 23.09 pH 7.53 D. O. (mg/L) 9.13 EC (µS/cm) 91
☐ Stage (ft), or ☒ Midchannel Depth (ft) 6.6

Flow Data

Flow and Depth recordings Wet channel width (ft): 528

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 |
|---------------|----------------|--|-------------------|-------|
| 066-FRNIC-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 3.0 | |
| 066-FRNIC-WE1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 3.0 | |
| 066-FRNIC-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 3.0 | |
| 066-FRNIC-WE1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 3.0 | |
| 066-FRNIC-WE1 | CONV15 | Polyethylene, 2 L [1] none | 3.0 | |
| 066-FRNIC-WE1 | CONV40 | Polyethylene, 0.5 L [1] H2SO4 | 3.0 | |
| 066-FRNIC-WE1 | CONV22 | VOA, PTFE lined cap, 40mL [3] H2SO4 | 0.05 DTC | |
| 066-FRNIC-WE1 | CONV23 | Amber glass, PTFE lined cap, 250 mL [1] none | 0.05 DTC | |
| 066-FRNIC-WE1 | PEST11 | Amber Glass, 1 L [2] none | 3.0 | |
| 066-FRNIC-WE1 | BACT10 | Polyethylene, 125 mL [1] none | 0.05 DTC | |
| 066-FRNIC-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [1] none | 3.0 | |

Time at Completion of Sampling: 1500 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: **38.78312**
Latitude: **38.7833333** Longitude: **-121.63375** **121.63485**
Personnel: **Quang Do, Mike Keymann** Date: **7/25/07** Arrival Time: **1525**

Field Measured Data

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

Time (PST) **15:45** Temp (°C) **26.74** pH **7.60** D. O. (mg/L) **6.47** EC (µS/cm) **292** **19.2**

Flow Data

20' from the right bank, 1' apart

| Flow and Depth recordings | | | | Wet channel width (ft): 60 | | | |
|---------------------------|------|------------|------|-----------------------------------|------|------------|------|
| Depth (ft) | Flow | Depth (ft) | Flow | Depth (ft) | Flow | Depth (ft) | Flow |
| 1 2.8 | 0.45 | 6 18.9 | 0.27 | 11 17.5 | 0.40 | 16 14.7 | 0.65 |
| 2 14.1 | 0.42 | 7 19.2 | 0.24 | 12 16.4 | 0.59 | 17 14.8 | 0.65 |
| 3 14.0 | 0.52 | 8 19.2 | 0.41 | 13 16.5 | 0.67 | 18 15.2 | 0.55 |
| 4 15.0 | 0.36 | 9 18.8 | 0.40 | 14 16.9 | 0.77 | 19 15.6 | 0.66 |
| 5 15.8 | 0.32 | 10 18.5 | 0.44 | 15 17.8 | 0.62 | 20 15.4 | 0.62 |

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 |
|---------------|----------------|--|-------------------|-------------|
| 066-SACSL-WB1 | PEST20 | Amber Glass, 1 L [2] none | 9.0 | Field Blank |
| 066-SACSL-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 9.0 | |
| 066-SACSL-WF1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 9.0 | |
| 066-SACSL-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 9.0 | |
| 066-SACSL-WE1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 9.0 | |
| 066-SACSL-WE1 | CONV15 | Polyethylene, 2 L [1] none | 9.0 | |
| 066-SACSL-WE1 | CONV40 | Polyethylene, 0.5 L [1] H2SO4 | 9.0 | |
| 066-SACSL-WE1 | CONV22 | VOA, PTFE lined cap, 40mL [3] H2SO4 | 0.05 DTC | |
| 066-SACSL-WE1 | CONV23 | Amber glass, PTFE lined cap, 250 mL [1] none | 0.05 DTC | |
| 066-SACSL-WE1 | PEST11 | Amber Glass, 1 L [2] none | 9.0 | |
| 066-SACSL-WF1 | PEST20 | Amber Glass, 1 L [2] none | 9.0 | |
| 066-SACSL-WE1 | BACT10 | Polyethylene, 125 mL [1] none | 0.05 DTC | |
| 066-SACSL-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [1] none | 9.0 | |

Time at Completion of Sampling: **1600**

Sampling Crew: **PER North**

Additional Notes or Comments:

Animal carcass in channel ~70 yds upstream.

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: Sacramento River at Veterans Bridge Reference: 38.6746833 GPS Readings: 38.67565
Latitude: 38.6746833 Longitude: -121.627517 121.62897
Personnel: Mike Beymann, Quang Do Date: 7/25/07 Arrival Time: 1305

Field Measured Data

Time (PST) 13:30 Temp (°C) 22.26 pH 7.64 D. O. (mg/L) 9.08 EC (µS/cm) 147 ☐ Stage (ft), or ☒ Midchannel Depth (ft) 12.3

Flow Data

Flow and Depth recordings

Wet channel width (ft): 537

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 |
|---------------|----------------|--|-------------------|-------|
| 066-SRVET-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 6.0 | |
| 066-SRVET-WE1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 6.0 | |
| 066-SRVET-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 6.0 | |
| 066-SRVET-WE1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 6.0 | |
| 066-SRVET-WE1 | CONV14 | Polyethylene, 500 mL [1] none | 6.0 | |
| 066-SRVET-WE1 | PEST11 | Amber Glass, 1 L [2] none | 6.0 | |
| 066-SRVET-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [1] none | 6.0 | |
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Time at Completion of Sampling: 1340

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: **American River at Discovery Park**

Personnel: Quang Do, Mike Reymann

Date: 7/26/07

Arrival Time: 0840

Reference: 38.60195

GPS Readings: Latitude: 38.60159 Longitude: -121.50117 -121.50174

Field Measured Data

Time (PST) 0900 Temp (°C) 19.76 pH 6.98 D. O. (mg/L) 9.57 EC (µS/cm) 58

☐ Stage (ft), or ☒ Midchannel Depth (ft) 8.2

Flow Data

Flow and Depth recordings

Wet channel width (ft): 453

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 |
|---------------|----------------|--|-------------------|-------|
| 066-ARDPK-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 4.0 | |
| 066-ARDPK-WE1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 4.0 | |
| 066-ARDPK-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 4.0 | |
| 066-ARDPK-WE1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 4.0 | |
| 066-ARDPK-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [1] none | 4.0 | |
| | | | | |
| | | | | |

Time at Completion of Sampling: 0915

Sampling Crew: PER North

Additional Notes or Comments:

SRWP FIELD SAMPLING DATA LOG SHEET

Sacramento River Watershed Program

Reference

GPS Readings

Site: Sacramento River at River Mile 44

Latitude: 38.43467

38.43467

Longitude: -121.519167

-121.519167

Personnel: Quang Do, Mike Reymann

Date: 7/26/07

Arrival Time: 1045

Field Measured Data

Time (PST)

Temp (°C)

pH

D. O. (mg/L)

EC (µS/cm)

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

1100

21.89

7.45

8.63

132

28.4

Flow Data

Flow and Depth recordings

Wet channel width (ft): 447

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 |
|---------------|----------------|--|-------------------|-------------|
| 066-SRRMF-WB1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | N/A | Field Blank |
| 066-SRRMF-WB1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | N/A | Field Blank |
| 066-SRRMF-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 4.0 | |
| 066-SRRMF-WE1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 4.0 | |
| 066-SRRMF-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 4.0 | |
| 066-SRRMF-WE1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 4.0 | |
| 066-SRRMF-WE1 | CONV14 | Polyethylene, 500 mL [1] none | 4.0 | |
| | | | | |
| | | | | |

Time at Completion of Sampling: 1015

Sampling Crew: PER North

Additional Notes or Comments:

unable to sample at mid depth due to
strong current and low visibility of river water

SRWP FIELD SAMPLING DATA LOG SHEET
Sacramento River Watershed Program

Site: **Sacramento River at Freeport**

Reference: Latitude: 38.45815 GPS Readings: 38.46181
Longitude: -121.502633 -121.50305
Personnel: Quang Do, Mike Reymann Date: 7/26/07 Arrival Time: 0955

Field Measured Data

Time (PST) Temp (°C) pH D. O. (mg/L) EC (µS/cm) ☐ Stage (ft), or ☒ Midchannel Depth (ft)
1015 21.87 7.75 8.57 131 26.1

Flow Data

Flow and Depth recordings

Wet channel width (ft): 525

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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 |
|---------------|----------------|--|-------------------|---------------|
| 066-SRFPT-WE1 | HGTF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 4.0 | |
| 066-SRFPT-WE1 | HGTU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 4.0 | |
| 066-SRFPT-WE1 | HGMF11 | Amber glass, PTFE lined cap, 500 mL [1] none | 4.0 | |
| 066-SRFPT-WE1 | HGMU12 | Amber glass, PTFE lined cap, 500 mL [1] HCL | 4.0 | |
| 066-SRFPT-WE1 | CONV14 | Polyethylene, 500 mL [1] none | 4.0 | |
| 066-SRFPT-WE1 | ATOX30 | PTFE-lined PE, 5 Gal [2] none | 4.0 | Lab Duplicate |
| | | | | |
| | | | | |

Time at Completion of Sampling: 1030

Sampling Crew: PER North

Additional Notes or Comments:

unable to sample at middepth due to strong current and low visibility of river water.

Samples Analyzed by APPL

Samples Collected by PER North

| Sample ID | Site Description | Analyte Group | Sample Type | # Bottles | QA Info |
|---|-----------------------------|--|---------------|-----------|-----------------|
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | Chum Creek at Knighton Road | PEST20: Carbamates, urea pesticides (L-L EPA 632/8321) | Environmental | 2 | |
| <input checked="" type="checkbox"/> 066-YRMRY-WE1 | Yuba River at Marysville | PEST20: Carbamates, urea pesticides (L-L EPA 632/8321) | Environmental | 6 | MSMSD |
| <input checked="" type="checkbox"/> 066-YRMRY-WE2 | Yuba River at Marysville | PEST20: Carbamates, urea pesticides (L-L EPA 632/8321) | Environmental | 2 | Field Duplicate |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | Colusa Basin Drain above KL | PEST20: Carbamates, urea pesticides (L-L EPA 632/8321) | Environmental | 2 | |
| <input checked="" type="checkbox"/> 066-SACSL-WB1 | Sacramento Slough | PEST20: Carbamates, urea pesticides (L-L EPA 632/8321) | Field Blank | 2 | Field Blank |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | Sacramento Slough | PEST20: Carbamates, urea pesticides (L-L EPA 632/8321) | Environmental | 2 | |

COC Analysis Notes for APPL:

Samples Collected by PER North

Page 2

Samples Collected by PER North

Page 3

Samples Collected by PER North

Page 4

Samples Analyzed by Caltest

Samples Collected by PER North

| Sample ID | Site Description | Analyte Group | Sample Type | Bottles # | QA Info |
|---|------------------------------|-------------------------------|---------------|-----------|---------|
| <input checked="" type="checkbox"/> 066-SRFPT-WE1 | Sacramento River at Freeport | HGTU12: Total Hg, unfiltered | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-SRFPT-WE1 | Sacramento River at Freeport | HGMF11: Methyl Hg, filtered | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-SRFPT-WE1 | Sacramento River at Freeport | HGMU12: Methyl Hg, unfiltered | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-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"/> 066-SRBKR-WE1 | Sacramento River below Keswick | PEST10: OP pesticides (EPA625m) | Environmental | 2 | |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | Churn Creek at Knighton Road | PEST11: OPs & Triazines (EPA625m) | Environmental | 2 | |
| <input checked="" type="checkbox"/> 066-SRHAM-WB1 | Sacramento River near Hamilton City | PEST11: OPs & Triazines (EPA625m) | Field Blank | 2 | Field Blank |
| <input checked="" type="checkbox"/> 066-SRHAM-WE1 | Sacramento River near Hamilton City | PEST11: OPs & Triazines (EPA625m) | Environmental | 2 | |
| <input checked="" type="checkbox"/> 066-SRCOL-WE1 | Sacramento River at Colusa | PEST11: OPs & Triazines (EPA625m) | Environmental | 2 | |
| <input checked="" type="checkbox"/> 066-SRCOL-WE2 | Sacramento River at Colusa | PEST11: OPs & Triazines (EPA625m) | Environmental | 2 | Field Duplicate |
| <input checked="" type="checkbox"/> 066-YRMRY-WE1 | Yuba River at Marysville | PEST11: OPs & Triazines (EPA625m) | Environmental | 2 6 | MS/MSD |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | Colusa Basin Drain above KL | PEST11: OPs & Triazines (EPA625m) | Environmental | 2 | |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | Feather River near Nicolaus | PEST11: OPs & Triazines (EPA625m) | Environmental | 2 | |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | Sacramento Slough | PEST11: OPs & Triazines (EPA625m) | Environmental | 2 | |
| <input checked="" type="checkbox"/> 066-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"/> 066-SRBKR-WE1 | Sacramento River below Keswick | ATOX30: Aquatic toxicity, 3 species | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-CHKNT-WE1 | Churn Creek at Knighton Road | ATOX30: Aquatic toxicity, 3 species | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-SRABB-WE1 | Sacramento River above Bend Bridge | ATOX30: Aquatic toxicity, 3 species | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-SRHAM-WE1 | Sacramento River near Hamilton City | ATOX30: Aquatic toxicity, 3 species | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-SRCOL-WE1 | Sacramento River at Colusa | ATOX30: Aquatic toxicity, 3 species | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-YRMRY-WE1 | Yuba River at Marysville | ATOX30: Aquatic toxicity, 3 species | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-COLDR-WE1 | Colusa Basin Drain above KL | ATOX30: Aquatic toxicity, 3 species | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-FRNIC-WE1 | Feather River near Nicolaus | ATOX30: Aquatic toxicity, 3 species | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-SACSL-WE1 | Sacramento Slough | ATOX30: Aquatic toxicity, 3 species | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-SRVET-WE1 | Sacramento River at Veterans Bridge | ATOX30: Aquatic toxicity, 3 species | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-ARDPK-WE1 | American River at Discovery Park | ATOX30: Aquatic toxicity, 3 species | Environmental | 1 | |
| <input checked="" type="checkbox"/> 066-SRFPT-WE1 | Sacramento River at Freeport | ATOX30: Aquatic toxicity, 3 species | Environmental | 2 | Lab Duplicate |

COC Analysis Notes for PER: