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2 June 2002

Mike Dietl  
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Environmental Analysis Section, Planning Division  
1325 J Street  
Sacramento, CA 95814-2922

SUBJECT: MAY STATUS REPORT FOR NAPA RIVER FISH MONITORING

Dear Mike:

The following Monthly Status Report summarizes the work conducted in May 2002 for the USACE by the Stillwater Sciences Team. Invoices for the level of task completion through May 2002 are being sent under separate cover.

**Task 1201 - Database**

Data for May sampling will be available on the website following QA/QC.

**Task 1203 - Internet Site**

The internet site has been established, and access granted to the public. A variety of data queries are available on the web site. These data queries continue to be updated and refined. Larval fish data are being added to the web site.

**Task 1305 – Status report for May 2002**

This May 2002 status report will be included on the May invoice.

**Task 1405 – Field sampling for May**

Field sampling for the month of May 2002 occurred on 22-23 May. Sampling consisted of beach seining, purse seining, fyke nets, and otter trawling.

The otter trawl effectively fished at Site 1A-1, 1A-2, and 1B-1, collecting striped bass, staghorn sculpin, Sacramento splittail, chameleon goby, prickly sculpin, and common carp.

The beach seine effectively fished at Site 1A-3 (marsh plain terrace) and at 1A-4 (north and south end of the SWOA) during flood, high, and ebb tide. The beach seine collected Sacramento splittail, staghorn sculpin, inland silverside, yellowfin goby, chameleon goby, tule perch, and Pacific sanddab. Site 1A-3 was sampled on the flooding and ebbing tide. On the flooding tide, eight Sacramento splittail were caught; on the ebbing tide, one Sacramento splittail was captured.

Fyke nets were effectively fished at sites 1A-6, 1A-7, 1A-8, and 1A-10. The fish species that were captured included staghorn sculpin, inland silverside, threespine stickleback, striped bass, chameleon goby, yellowfin goby, splittail, and Pacific herring. Fyke net sampling at Site 1A-6 stranded fish with minimal water. As a result, we suggest moving Site 1A-6 (initially located in the main channel of the SWOA, but later moved to the east side of the terrace) about 20 feet west from its initial location, across the main channel, to a small channel that drains the south west part of the SWOA.

The purse seine was fished at Site 3-1 and Site 1A-9. The purse seine collected inland silverside, striped bass, threadfin shad, chinook salmon, and a steelhead. The chinook salmon (90mm and 7.4g) and steelhead (72mm and 3.7g) were both caught at Site 3-1 at 1100 on 23 May 2002. The environmental conditions at Site 3-1 were as follows:

Surface temperature	18.4°C
Bottom temperature	18.2 °C
Surface salinity	1.2 ppt
Bottom salinity	1.5 ppt
Surface dissolved oxygen	6.56 mg/l
Bottom dissolved oxygen	6.1 mg/l
Turbidity	30.5 cm
Depth	6.9 m
Tide status	4.9' and rising

Both the steelhead and chinook salmon appeared healthy and were released. Maura Eagan of National Marine Fisheries Services, Harvey Reading of Department of Fish and Game, and Dan Buford of Fish and Wildlife Service were notified of the capture of listed species.

Field data sheets are attached to this report.

**Task 1504 – Data Analysis for April 2002**

Data collected during the April field trip has been checked for quality control (Q/C), entered into the database, and is available on the web site.

**Task 1505 – Data Analysis for May 2002**

Data collected during the May field trip is being Q/C'ed and is being entered into the database.

**Task 1509 – Larval Fish ID March-July 2002**

Species identification of larval fish collected in March, April, and May is being Q/C'ed.

**Upcoming Activities**

Field activities the next month will occur on 20-21 June 2002.

Respectfully submitted,

Scott Wilcox  
Project Manager

cc: Sharon Kramer  
Steve Kramer  
Stephanie Theis  
Susan Davis  
Lauren Dusek

Enclosures: May sampling data sheets (on original letter only)  
Two extra copies of status report