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2 May 2002

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SUBJECT: APRIL STATUS REPORT FOR NAPA RIVER FISH MONITORING

Dear Mike:

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

Task 1201 - Database

Data for April 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.

Task 1304 – Status report for April 2002

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

Task 1404 – Field sampling for April

Field sampling for the month of April 2002 occurred on 8-9 April and 22-23 April. 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, American shad, Pacific herring, Sacramento splittail, yellowfin goby, shimofuri goby, and chameleon goby. Due to the large amount of mud retained in the net at Site 2-1, we suggest attaching a float to the trawl to prevent dredging and facilitate better sampling of pelagic species.

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, threespine stickleback, Pacific herring, inland silverside, shimofuri goby, striped bass, yellowfin goby, and a hatchery chinook salmon.

The purse seine was fished at Site 3-1 and Site 1A-9. A total of two threadfin shad were sampled over six replicates at Site 3-1. At Site 1A-9 the flow through the channel prevented the purse seine from effectively deploying. Instead, we fished the purse seine 50-100 feet east of the breached levee, collecting Pacific herring and staghorn sculpin.

Fyke nets were effectively fished at sites 1A-6, 1A-7, 1A-8, and 1A-10. The fish species that were captured included shimofuri goby, staghorn sculpin, inland silverside, threespine stickleback, and Pacific herring. Fyke net sampling at Site 1A-10, the breached levee, proved to be impractical. The fast and deep current through the breach prevented precise boat maneuvering and made net deployment and retrieval difficult. Two nets were ripped during recovery and net posts were bent by

boat traffic, making fishing the site difficult. As a result, we suggest moving Site 1A-10 about 30 feet northwest from its initial location to an outflow channel that allows easier boat and foot access. Site 1A-10 was fished on 8 April and 23 April, catching more than 2,500 Pacific herring.

Field data sheets are attached to this report.

Task 1503 – Data Analysis for March 2002

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

Task 1504 – Data Analysis for April 2002

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

Task 1509 – Larval Fish ID March-July 2002

Larval fish will be identified following a pending finalization of the change order.

Upcoming Activities

Field activities the next month will occur on 22-23 May 2002.

Respectfully submitted,

Scott Wilcox
Project Manager

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

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