



1477 Drew Avenue, Suite 105, Davis, CA 95616 Phone (530) 756-7550 Fax (530) 756-7586

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August 1, 2001

Mike Dietl  
Army Corps of Engineers, Sacramento District  
Environmental Analysis Section, Planning Division  
1325 J Street  
Sacramento CA 95814-2922

SUBJECT: JULY STATUS REPORT FOR NAPA RIVER FISH MONITORING

Dear Mike:

The following Monthly Status Report summarizes work conducted for the USACE by the Stillwater Sciences Team in July 2001. An invoice for the level of task completion through July 2001 is being sent under separate cover.

**Task 1105 –Final Work Plan**

The Draft Work Plan/Database Proposal/Internet Proposal was submitted on 4/13/01. Approval to finalize the Work Plan was received on June 11, 2001. Acceptance of the Database Proposal and Internet Proposal portions of the plan was provided via email on June 11, 2001. The Final Work Plan was available during the July 17 field trip, and subsequently mailed to USACE on 8/1/01 as one bound volume with the final QA/QC Plan. The two plans are separated by a tabbed divider, as discussed during the site selection field trip.

**Task 1106 – Final Quality Control/Quality Assurance Plan**

The Draft Quality Control/Quality Assurance Plan was first submitted on 4/13/01. Written USACE comments regarding the QA/QC plan were received by Stillwater on 4/27/01. Revision of the draft QA/QC plan was suspended, per USACE request, pending receipt of take permit conditions from the USFWS. Revision of the plan was re-started in mid-May, per USACE request, in order to produce a document that could be submitted to CDFG in support of collection permits. The revised QA/QC Plan was submitted to the USACE on 5/22/01. The revised QA/QC plan was verbally accepted as final by the USACE during our June 8, 2001 site visit. The Final QA/QC plan was bound as one volume with the final Work Plan, and transmitted on August 1, 2001.

**Task 1107 - Draft Site Location Map and Report**

Text for the Draft Site Location Report was transmitted prior to July field sampling. Draft maps were submitted on July 20. We are awaiting USACE comments on the draft materials. We need to discuss whether to alter points on map to reflect mid-channel locations for sampling, or leave them at the “staked” location on the bank.

**Task 1108 - Final Site Location Map and Report**

Some edits to the draft report text have been made, and will be incorporated into the final report upon receipt of USACE comments on the draft report.

**Task 1201 - Database**

The Database Proposal was accepted by the USACE on June 11, 2001. Database personnel continued work on the Database. Data from the July survey were reviewed and entered. The data are currently being checked. Field data forms were revised following their use for the July sampling, and these changes are being implemented in the data entry forms and database structure.

**Task 1203 - Internet Site**

Staff continued work on the Internet Site. Initial portions of the site were transmitted to the USACE for review on June 7. Subsequent portions of the site are dependent on having more data available from the fish sampling. Revisions have been made based on comments received to date. A working prototype for monitoring queries has been developed, and is in the debugging phase.

**Task 1304 – Status report for July 2001**

The July 2001 status report was prepared on July 31, and is included on the July invoice.

**Task 1403 –Field sampling for July**

Field sampling for July occurred from July 16-17, 2001. A tidal gage was partially installed on the dock at JFK County Park. Otter trawls, purse seines, and fyke nets were deployed. Methods for sampling were refined. The purse seine was not successful at capturing fish during this first effort. The otter trawl collected 1 striped bass and 2 yellowfin gobies. The fyke nets were most successful at capturing fish, including 132 inland silversides, 3 yellowfin gobies, and 2 Sacramento splittail. Field data sheets are attached to the hard copy of this report, being transmitted with the copies of the workplan.

**Task 1404 –Field Sampling for August**

Preparations are being made for the August sampling. Data sheets were finalized, rental equipment reserved, schedules established, logistics discussed, and field methods revised. Sampling dates are August 14-16.

**Task 1503 – Data Analysis for July 2001**

Data collected during the July field trip was entered into the database, and analysis is beginning.

**Task 1603 - Larval Sample Processing July/March 2001**

All larval subsamples have been processed. Final identification has been completed, and the USFWS notified of results. Larval samples from the 20mm tows included samples from March, April, May, and June (rather than April-July). We have begun to count fish from the remaining samples, in order to more accurately extrapolate the results for endangered species take. This effort is being conducted using funds freed up by the lack of field work for the April-June sampling. Some CDFG 20mm tows (or which there are 36) have over 3,000 fish in them.

**Upcoming Activities**

Further development of the web site and database will continue. Field sampling began in July and will continue monthly. Data in the database will be checked, then uploaded to the web site.

Respectfully submitted,

Scott Wilcox  
Project Manager

c: Steve Kramer  
Stephanie Theis

Attachment: July sampling data sheets (on original letter only)