

QUARTERLY ACCOMPLISHMENT/PROGRESS REPORT TEMPLATE

APPLICABLE TO CALIFORNIA FISH PASSAGE FORUM (CFPF) FUNDED PROJECTS, ADMINISTERED BY USFWS

I. **Project/Program Title: Salt River Ecosystem Restoration Project – Monitoring Phase 1 Estuary**

II. **USFWS Grant Number: # F14AC01186**

III. **Quarterly dates covered by this report (check appropriate quarter):**

Jan–March April–June _____ July–September _____ October–December _____

IV. **Date report submitted: 30 March 2016**

V. **Briefly summarize (2-3 sentences) overall progress/accomplishments during the applicable quarter:**

Last season's (2015) Water Quality Report for the estuary portion of the Salt River Ecosystem Restoration Project was completed. Results indicate that estuary features are functioning as anticipated. Incidentally, it was discovered that dissolved oxygen was positively correlated with daylight hours, which is likely due to the high degree of photosynthesis occurring. This is in direct contrast to what most literature documents, since daylight hours produce higher temperatures, which usually indicates lower dissolved oxygen levels.

Eelgrass and geomorphic biologists were contacted and contracts drawn up to secure efforts for this coming summer and fall surveys.

VI. **Task-specific/deliverable updates** (for each task in the cooperative agreement, provide a brief update on progress; provide brief update on significant work toward, or completion of any deliverables from the cooperative agreement):

Water Quality Monitoring – The final 2015 Water Quality Monitoring report was completed. This report described results of water elevation, Dissolved Oxygen, pH, Total Dissolved Solids, Conductivity, and Salinity levels.

VII. **Any significant developments beyond those reported for specific tasks/deliverables:**

It was discovered that dissolved oxygen was positively correlated with daylight hours, which is likely due to the high degree of photosynthesis occurring. This is in direct contrast to what most literature documents, since daylight hours produce higher temperatures, which usually indicates lower dissolved oxygen levels.

VIII. **Any delays/issues that are impacting or may impact progress of the project:**

None

IX. **Summary of invoices/charges to the agreement** (include amount and date of any invoices submitted for payment under the agreement, that occurred during the quarter. Optionally, include a summary of charges

incurred during the quarter that will be invoiced during the next quarter):

Month	Description	\$ Amount
January	HCRC D Staff Time – PMEP progress report; water quality final report for 2015; administration	755.22
February	HCRC D Staff Time - Administration	32.10
March	HCRC D Staff Time – Contact eelgrass and geomorphic consultants for seasonal work; PMEP progress report.	114.70

X.

Anticipated work in next quarter:

Eelgrass and Geomorphic Surveys - It is anticipated that funds will be applied to meetings with eelgrass and geomorphic consultants prior to the start of the field season; eelgrass and geomorphic consultants performing 2 months of field work.

Fish Monitoring Surveys - The spring and summer fish monitoring program will begin in April and continue through June. Staff time will be used to coordinate and possibly participate in the sampling effort.

Additional information (include pictures, documents, presentations, or similar outputs that were developed during the quarter related to the project and a summary of any outreach activities or significant meetings):

N/A

Submit quarterly reports to Donnie Ratcliff, U.S. Fish and Wildlife Service (Donald.Racliff@fws.gov) and Lisa DeBruyckere, Coordinator, California Fish Passage Forum (lisad@createstrat.com)