



Tuesday, January 21, 2020

## CFPF Funded Projects Accomplishment/Progress Reporting

**Project/Program Title:**

California Traction Railroad (CCTR) Fish Passage Improvement Project

**USFWS Grant Number:**

F15AC00600

**Email address of individual submitting this report:**

mverduzco@sewd.net

**Name of individual submitting this report:**

Manuel Verduzco

**Dates covered by this report:**

Start Date: 10/01/2019 End Date: 12/31/2019 Difference: 91 days

**Briefly summarize (2-3) sentences) overall progress and accomplishments applicable to this time period.**

Improved upstream and downstream fish passage at the Central California Traction Railroad Crossing (CCTRC) on the river mile 1 of the Stockton Diverting Canal. Alleviating fish passage issues at CCTRC provides improved access to optimal spawning and rearing habitat upstream for both Chinook salmon and Central Valley steelhead.

The improvements constructed to assist with achieving the goal include the installation of a second flume with upstream wing walls, two new notches, and a roughened channel (rock ramp) downstream of the crossing.

**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):**

The CCTRC project was constructed as designed and construction was completed on October 31, 2019.

The District will begin coordinating fish passage improvements at the Hosie Low-flow crossing site.

**Any significant developments beyond those reported for specific tasks/deliverables:****Any delays/issues that are impacting or may impact progress of the project:**

The District encountered several challenges throughout all phases of the Project. The first problem encountered was during the permitting stage, which subsequently led to a domino effect of problems during the later stages of the Project, such as construction scheduling. The Project also experienced problems with the construction equipment and theft.

The most arduous process of the Project was procurement of the required permits.

The delays due to permitting were a result of slow regulatory agency processing and deferment of the USACOE permit applications by the District. For future projects, the District will apply for all permits early in the process and allow for a 12-18 month permit processing timeframe in the projects'

schedule.

The Project was initially set for construction during the summer of 2018. Without having the necessary permits issues, the Project was postponed until the summer of 2019, with construction anticipated to commence upon receipt of required permits, but not later than mid-August. The permit delays resulted in several construction delays, with the construction commencement date being pushed back each time a regulatory agency could not meet their projected issuance date. To make up for lost time, the District contracted additional temporary labor resources, secured equipment prior to construction beginning, worked six days a week, and worked ten hour days. Although not recommended as a standard scheduling practice, the extra effort allowed the project to be completed on time.

**Summary of invoices/charges to the agreement (include amount and date of any invoices submitted for payment under the agreement that occurred during the reporting period. Optionally, include a summary of charges incurred during the reporting period that will be invoiced during the next reporting period):**

12/31/2019 - \$6,548 Labor hours


**Anticipated work in the next six months (if this timeframe includes Oct 1, please describe any accomplishments that will occur before this date):**

The District will apply for all permits, CEQA, and provide technical oversight and review for Hosie Low-flow Crossing site. Preliminary design concurrent with CEQA/NEPA Preparation; complete design before end of permitting processes: hydraulic modeling, structural design

**Summary and number of any outreach activities or significant meetings related to the project:**

Weekly Construction Meetings for CCTR Project  
Post Construction Meeting for CCTR Project

**Please include any additional information (pictures, documents, presentations, or similar outputs developed during the reporting period related to the project). \*\*PLEASE NOTE: USFWS requires before and after photos for every barrier removed/remediated. Please supply when available AND include in the final report when submitted.\*\***

 CCTR Completion Report.pdf

**Expected Completion Date for Forum-funded Activities**

Wednesday, September 30, 2020

**Summary and number of any monitoring activities conducted as part of this project:**