

COLORADO RIVER RECOVERY PROGRAM
FY 2017 ANNUAL PROJECT REPORT

RECOVERY PROGRAM
PROJECT NUMBER: C-23

I. Project Title: GRAND VALLEY WATER USERS' ASSOCIATION
OM&R for Fish Screen and Fish Passage

II. Bureau of Reclamation Agreement Number(s): 08-WC-40-313

Project/Grant Period: Start date (Mo/Day/Yr):
End date: (Mo/Day/Yr):
Reporting period end date:
Is this the final report? Yes _____ No X

III. Principal Investigator(s): Grand Valley Water Users Association
1147 24 Road, Grand Junction, CO 81505
(970) 242-5065
E-mail: office@gvwua.com

IV. Abstract:

Maintain and operate Fish Screen in the Government Highline Canal in order to protect endangered fish and return them to the river. Progress has been made toward keeping the fish screen operating as much as possible during the irrigation season through upgrades and modifications of the screens and operating procedures. Project is on-going.

V. Study Schedule: On-going.

VI. Relationship to RIPRAP: N/A

VII. Accomplishment of FY 2017 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

VIII. Additional noteworthy observations:

IX. Recommendations

X. Project Status: On track and on-going.

XI. FY 2017 Budget Status

- A. Funds Provided: \$78,896.21
- B. Funds Expended: \$71,290.63
- C. Difference: -\$7,605.58
- D. Percent of the FY 2017 work completed, and projected costs to complete: 100%
- E. Recovery Program funds spent for publication charges: none

XII. Status of Data Submission (Where applicable): Work Plans through 2020

XIII. Signed: Kevin Conrad, Operations Manager November 8, 2017
Principal Investigator Date

APPENDIX: E.g., more comprehensive/final project reports (NOT to be used in place of a complete annual report.). If distributed previously, simply reference the document or report.

ANNUAL PERFORMANCE PROGRESS REPORT (PPR)

BUREAU OF RECLAMATION AGREEMENT NUMBER: 08-WC-40-313

UPPER COLORADO RIVER RECOVERY PROGRAM PROJECT NUMBER: _____

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Performance:

- 03-24-17 Started Fish Screen, Batteries for back-up generator were pulled out, charged, and reinstalled. Only Power water is being delivered at this time.
- 03-27-17 Irrigation flows to Government Highline Canal began.
- 04-9-17 Breakers tripped on Brush #3 due to weather issues. V.F.D. for Brush 3 damaged and will need to be replaced.
- 04-14-17 #3 Brush V.F.D. was replaced. Brush 3 is back in service.
- 05-02-17 Excel had scheduled power outage. Back-up generator provided power during outage.
- 07-31-17 PLC at Fish Screen unresponsive, would not run in auto mode. Bob Norman came up and reset PLC and all was okay.
- Fish Screen Logs from September 3rd thru October 24th are missing at this time as Al passed away the evening of the 24th. We will continue to try and locate them. As far as my memory serves we had no malfunctions or time when the screens would have been bypassed.
- 10/30/17 Irrigation and Power flows were curtailed and the Fish Screen was shut down.

The Fish Screen was put into operation on 3/24/17 with Irrigation Flows beginning on 3/27/17. Irrigation flows and Fish Screen operations ceased on

10/30/17.

Due to a combination of good weather, diligent maintenance, and possibly some good luck the Fish Screen was not bypassed during the irrigation season for the first time since we began operations.

The brushes ran for a total of 432 hours for 2017.

The HDPE trash racks continue to hold up well and there is no immediate need to replace them. Outside of replacing some of the water level sensors, we have no other maintenance issues at this time. Sediment inside of the screen structure is very light and will not require any dredging.