

COLORADO RIVER RECOVERY PROGRAM
FY 2015 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 2015 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings: Dredged silt from front of fish passage intake

VIII. Additional noteworthy observations:

IX. Recommendations

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

XI. FY 2015 Budget Status

- A. Funds Provided: \$79,788.00
- B. Funds Expended: \$75,197.20
- C. Difference: \$4,590.80
- D. Percent of the FY 2015 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 2018

XIII. Signed: Kevin Conrad, Operations Manager November 17, 2015
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:

04-21-15 Started Fish Screen

05-08-15 Repaired chassis sensor on Atlas A unit

05-12-15 Bypassed screen so #2 brush could be replace (bypassed approx.. 8 hrs)

06-08-15 Replaced pressure transducer on air compressor

06-16-15 Replaced electric air valve on #1 screen

07-06-15 Lower manhole on fish screen return pipeline plugged with debris, shut return line off and pulled debris out.

08-04-15 Poured concrete pad for debris loading area. Water now drains back into the canal eliminating mud hole in work area.

09-10-15 Replaced drive belt on #4 brush drive pulley

09-25-15 Replaced drive belt on #1 brush drive pulley

11-07-15 Shut down canal for fall outage

11-10-15 Removed approximately 200 cu/yds of silt from canal upstream of Fish Screen

Irrigation water flows were started on March 25, 2015. We began operation of the Fish Screen on April 21, 2015. Irrigation water flows and screen operations ended November 7, 2015.

The Fish Screen was only by-passed fully for two 8 hour periods for maintenance.

The brushes ran for a total of 721.5 hours for 2015. The screens were operated approximately 95% of the total irrigation season.

We had a heavy silt load again this year, with all the runoff flows and summer storms. Overall, the screens operated well.

62 loads of debris were removed at Fish Screen this season.

Use of the Mini Excavator greatly reduced time and increased safety of cleaning the trash grates. We are still unsure if the HDPE grates will have to be replaced with steel or not.