

**Project Title: Grand valley Water Users' Association  
OM&R for Fish Screen Fish Passage**

**Bureau of Reclamation Agreement Number:**  
08-WC-40-313

**Project/Grant Period:**  
Start date: June 5, 2008  
End date: Ongoing  
Reporting period end date: October 31<sup>st</sup>, 2021  
Is this the final report? Yes \_\_\_\_\_ No X

**Principal Investigator:**  
Kevin Conrad, Operations Manager  
Grand Valley Water Users Association  
1147 24 rd. Grand Junction, CO 81505  
E-mail: [Office@GVWUA.com](mailto:Office@GVWUA.com)  
Phone (970) 242-5065

**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**

**Study Schedule:**  
Ongoing

**Relationship to RIPRAP:**  
Colorado River:  
II.B.3a(3) Operate and maintain fish passage at Government Highline Canal  
II.B.3a(3) Operate and maintain screen at Government Highline Canal to prevent  
Endangered fish entrainment.

**Accomplishment of FY 2021 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:**

Name of Project Segment, Task as desired

**Additional noteworthy observations:**

# UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

## Recommendations:

### Performance:

4/3/2021	Irrigation Flows Began
4/19/2021	Fish Screen was put into operation
4/21/2021	Air Nozzles on brush arms plugged. Bypassed screen, cleared nozzles and put screen back in operation
4/28/2021	Replaced drivebelt on Brush # 1
4/29/2021	Replaced Bearings in Tail Pulley on Brush # 1
5/9/2021	Repair airline on Brush # 2
7/7/2021	Started seeing algae increase
7/26 – 8/2/2021	Heavy Rains and flash flooding brought heavy debris load into canal
8/21/2021	Replaced proximity sensor on Brush # 1
10/26/2021	Power Failure (High Winds) VFD on Brush # 2 destroyed by Voltage spike
10/27/2021	Replaced lift cable on Atlas Trash Rake
11/6/2021	Shutdown Screens and Diversion was shut off for the screen

Standby Generator and air compressor were serviced

### Project Status: Screen Operated 761 hours during 2021 Season

On track and ongoing

### FY 2021 Budget Status

Funds Provided: \$162,782.82

Funds Expended: \$160,577.74

Difference: - \$2,205.08

Percent of the FY 2021 work completed, and projected costs to complete: 100%

Recovery Program funds spent for publication charges: None

### Status of Data Submission

(Where applicable): Work Plans through 2023

Signed: Kevin Conrad, Operations Manager

December 2, 2021

