

UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

FY 2023 ANNUAL REPORT

PROJECT(s): C-23

Grand Valley Water Users' Association

OM&R fish screen 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, 2023

Is this the final report? Yes No

Principal Investigator:

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Abstract:

GVWUA maintains and operates the fish screen in the Government highline canal to exclude endangered fish species from entering the canal system. GVWUA completes maintenance on the fish passage as needed.

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 2023 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

Name of Project Task as desired

Additional noteworthy observations:

4-28-23 replaced water level sensor

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4-29-23 Began fish screen operation
4-30-23 adjusted cables on brush arms
5-1-23 replaced return sensor
5-20-23 differential sensor malfunctions due to muddy water. Fish screen bypassed for part of day
6-8-23 compressor for brushes malfunction. Repairs made, put back in service
8-11-23 fish screen bypassed for approximately one hour
8-15 -23 replaced sensor on cable drive.
8-18-23 lightning strike disabled V.F.D. for brush cable motors
10-31-23 wire to bulk head hoist replaced in conduit due to thermal failure
11-7-23 replaced sonar meter and wiring in fish return pipeline

Recommendations:

Inspection complete, brush replacement scheduled for spring

Check wiring issues to #2 brush arm sensor

Project Status:

Ongoing. Fish screen hours of operation: 3297. Limitations to fish screen operation were due to sensor malfunctions and debris in water.

FY2023 Budget Status

Funds Provided: \$125,313.45

Funds Expended: \$XXXX

Difference: -X-

Percent of the FY 20XX work completed, and projected costs to complete: XXX%

Status of Data Submission: complete

Kris Aldrich

November 14, 2023