

- I. Project Title: Tusher Wash Fish Screen
- II. Principal Investigator(s): Brent R. Uilenberg
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- III. Project Summary: The Tusher Wash Diversion Dam, located on the Green River above Green River, UT diverts water into the Green River Canal Company Main Canal. Entrainment of native fish has been documented. The project consists of constructing a fish screen and/or fish barrier and fish return pipeline in the Green River Canal Company Main Canal approximately one mile downstream from the diversion dam.
- IV. Study Schedule: This project has been deferred for a number of years, initially due to water right litigation between the Green River Canal Company and Thayne Hydropower which was ultimately resolved in the Utah Supreme Court. The project was placed on hold pending completion of the Elkhead Reservoir Enlargement and award of the Price-Stubb Fish Passage construction contract in order to determine the amount of remaining funding under the cost ceiling established by P.L. 106-392 as amended. Both of these milestones have been achieved and the final construction cost for the Price-Stubb Fish Passage has been determined and the final payment for the Elkhead Reservoir Enlargement and Fish Screen has been made to the Colorado River Water Conservation District. A final determination of appropriate procedures for indexing the construction cost ceiling established by P.L. 106-392 (as amended) has been completed and it has been determined that sufficient cost ceiling is available to construct the Tusher Wash Fish Screen. Additionally, the State of Utah and the Green River Canal Company are currently conducting an evaluation of the rehabilitation of the Tusher Wash Diversion Dam which could potentially result in significant modification to the existing structure. A Preliminary Design Report has been completed for the diversion dam rehabilitation; however, until a decision is made regarding the dam rehabilitation the design process for the fish screen cannot move forward. A FY 2013 – 2014 construction period appears most likely at this time
- V. Relationship to RIPRAP: Green River Action Plan: Mainstem II.B.2 Screen Tusher Wash diversion to prevent endangered fish entrainment.
- VI. Accomplishment of FY 2009 Tasks and Deliverables, Discussion of Initial Findings and

Shortcomings: Reclamation staff participated in the dam rehabilitation evaluation.

- VII. Recommendations: Continue to participate in dam rehabilitation evaluation. Proceed with design, permitting and construction when appropriate. Prepare decision matrix to guide selection of preferred method to prevent/minimize entrainment of fish.
- VIII. Project Status: On hold pending a decision to construct the dam rehabilitation.
- IX. FY 2009 Budget Status
 - A. Funds Provided: \$9,227
 - B. Funds Expended: \$217
 - C. Difference: \$9,010
 - D. Percent of the FY 2009 work completed, and projected costs to complete: NA
 - E. Recovery Program funds spent for publication charges: None
- X. Status of Data Submission (Where applicable): NA
- XI. Signed: /s/Brent R. Uilenberg November 12, 2009
Principal Investigator Date