

Walden Reservoir Company Structure For Water Control

Statement of Work

WATER ACTIVITY NAME – Walden Reservoir Company Structure for Water Control

GRANT RECIPIENT – Walden Reservoir Company

FUNDING SOURCE – WSRA: North Platte Basin Roundtable Allocation

INTRODUCTION AND BACKGROUND:

Provide a brief description of the project. (Please limit to no more than 200 words; this will be used to inform reviewers and the public about your proposal)

The Walden Reservoir Company proposes to replace a deteriorated Structure for Water Control on the current Reservoir Delivery Ditch. The structure plays a critical role in controlling the flow of water into the reservoir, as well as preventing water from back flowing out of the reservoir during peak storage levels.

Currently the existing structure is incapable of regulating water to the control level needed. A new check structure will effectively and efficiently check the water entering into the reservoir and prevent back flow from occurring. This higher degree of control and efficiency will benefit all consumptive and non-consumptive uses of the reservoir water.

The installation of the Structure for Water Control will address both the agricultural and environmental water needs in a cost effective, collaborative way. The Walden Reservoir provides irrigation water to six different individuals, ranches and entities that irrigate approximately 5,000 acres of hay and pasture land in Jackson County. In the future, it may also supply municipal water to the town of Walden. In addition to irrigating the highly valuable hayland, the reservoir and

irrigation ditches create irrigation induced wetlands and riparian areas that provide habitat for many species of big game, waterfowl and upland birds, including the Greater Sage Grouse. The reservoir, irrigation ditches, wetlands and riparian areas all provide a wide variety of recreational opportunities as well.

OBJECTIVES:

1. To install a Structure for Water Control that will efficiently and effectively control the amount of water entering into and back-flowing out of the Walden Reservoir.
2. To provide the water users and commissioner with a better means of controlling and administering the water rights and flows associated with the Walden Reservoir.

TASKS:

TASK 1 – Determination of Project Need and Feasibility (COMPLETED)

Description of Task – Determine the need and feasibility of installing a new Structure for Water Control in the Reservoir Delivery Ditch

Method/Procedure – Site visit: Walden Reservoir Company contact person and a NRCS Representative

- ✓ assess the current condition of the existing structure and consider the need, feasibility and cost of installing a new structure.

Deliverable – Project was determined to be needed and feasible

TASK 2 – Engineering Survey and Design (COMPLETED)

Description of Task - Perform the on-site engineering survey and design planned Structure for Water Control.

Method/Procedure - Follow-up visit: NRCS staff

- ✓ an engineering survey will be performed

Deliverable – An engineering plan, draft structure design and copies of NRCS's

Standards and Specifications were provided to the company contact.
Reference: the attached NRCS Structure for Water Control design

TASK 3 – Project Construction and Installation

Description of Task – The planned Structure for Water Control shall be installed

Method/Procedure – On site: Contractor (NRCS staff and contact person when needed)

- ✓ the structure shall be constructed/installed
- ✓ the site shall be smoothed and reseeded

Deliverable – A completed and functioning Structure for Water Control

REPORTING AND FINAL DELIVERABLE

Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the statement of work including a description of any major issues that have occurred and any corrective action taken to address these issues.

Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.

- ✓ *A final report will be provided to the CWCB after the construction and installation of the project is completed.*