

**Water Supply Reserve Account – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**September 15-17, 2015**  
**Agenda Item 18(o)**

**Applicant & Fiscal Agent:** Ducks Unlimited, Inc.

**Water Activity Name:** Water Development of the Bureau of Reclamation properties, known as the Narrows Tract, along the South Platte River

**Water Activity Purpose** Study

**County:** Morgan

**Drainage Basin:** South Platte

**Water Source:** South Platte River

**Amount Requested/Source of Funds:** \$15,554 South Platte Basin Account  
\$121,633 Statewide Account  
\$137,187 Total grant request

**Matching Funds:** Basin Account Match (\$15,554) = 11% of total grant request (meets 5% min(;  
Basin Account and Applicant Match (\$40,554) = 30% of total grant request (meets 25% min);  
Applicant Match (\$25,000) = 15% of total project costs (\$162,187)  
(refer to *Funding Summary/Matching Funds* section)

<b>Staff Recommendation:</b>
------------------------------

Staff recommends approval of up to \$15,554 from the South Platte Basin Account and \$121,633 from the Statewide Account to help fund the project titled: Ducks Unlimited: Water Development of the Bureau of Reclamation properties, known as the Narrows Tract, along the South Platte River.
---

**Water Activity Summary:** WSRA funds will be expended to complete the first of a three-phase project for water and wetland development on four Bureau of Reclamation (BOR) properties, known as the Narrows tract in Morgan County, CO. Within the Narrows tract, the four properties are individually referred to as the Akers, Cook, Kinnaman, and Lantz tracts. The Cook and Lantz tracts will be developed for South Platte River streamflow augmentation and the Akers and Kinnaman tracts will be developed for shallow water wetland habitat. All four properties will combine to form a multi-beneficial wetland complex that serves to retine streamflow, restore and create new wildlife habitat, and provide public recreational hunting opportunities. Specifically this project will include:

- 1.) Securing special use permitting from BOR to develop the properties for program goals;
- 2.) Meeting with water providers, municipalities, agricultural producers, and industrial users to secure site specific agreements for retiming South Platte River streamflow on the Lantz and Cook tracts;
- 3.) Establishing the framework between BOR, Colorado Parks and Wildlife (CPW), and DU for long-term management and monitoring of the site; and

- 4.) Performing a feasibility study on all four properties (2,288 acres) which includes drilling and installing monitoring wells, performing cadastral and geotechnical surveys, aquifer testing, surface infiltration testing, and final project design.

**Discussion:** This is a multi-beneficial project to develop streamflow augmentation and wetlands on four Bureau of Reclamation properties that will generate river augmentation credits for use by municipal, industrial, and agricultural partners, restore and create wildlife habitat, and expand recreational hunting opportunities for the public.

**Issues/Additional Needs:** None identified.

**Threshold and Evaluation Criteria:** The application meets all four Threshold Criteria.

**Tier 1-3 Evaluation Criteria:**

This project has undergone review and evaluation per the Supplemental Scoring Matrix and staff has determined that this request satisfies the Evaluation Criteria. Further analysis of the project, and how the project will meet Tiered Evaluation Criteria, is provided by the applicant in the WSRA Application.

**Funding Summary/Matching Funds:**

	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
WSRA South Platte Basin Account	\$15,554	n/a	\$15,554
WSRA Statewide Account	\$121,633	n/a	\$121,633
Ducks Unlimited	\$25,000	n/a	\$25,000
<b>Total Project Costs</b>	<b>\$162,187</b>	<b>n/a</b>	<b>\$162,187</b>

**CWCB Project Manager:** Brent Newman

All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and will help promote the development of a common technical platform. In accordance with the revised WSRA Criteria and Guidelines, staff would like to highlight additional reporting and final deliverable requirements. The specific requirements are provided below.

**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 scope 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.

**Engineering:** All engineering work (as defined in the Engineers Practice Act (§12-25-102(10) C.R.S.)) performed under this grant shall be performed by or under the responsible charge of professional engineer licensed by the State of Colorado to practice Engineering.