

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
September 24, 2013
Agenda Item 18(r)

Applicant: Ducks Unlimited

Water Activity Name: State Land Board South Platte Recharge Study

Water Activity Purpose: Municipal/Industrial

County: Adams, Weld, Morgan, Washington, Logan, and Sedgwick

River Basin: South Platte

Water Source: South Platte River

Amount Requested: \$33,663 (South Platte Basin Account)

Matching Funds: \$34,042 DU & State Land Board (50%)

Staff Recommendation
Staff recommends approval of up to \$33,663 from the South Platte Basin Account to help complete the project titled: State Land Board South Platte Recharge Study.

Water Activity Summary: Ducks Unlimited, through the Wetland Recharge Location Model, funded in part by the CWCB, has identified several properties owned by the State Land Board (SLB) that may provide high quality wetland recharge opportunities to augment the lower South Platte River from Denver to the Nebraska state line. Within the last year, the SLB launched an ecosystem services program intent on developing several new revenue streams. River augmentation through wetland recharge may prove to be a lucrative revenue stream for the SLB. The SLB additionally wishes to improve stewardship on their properties and increase recreational hunting. WSRA funds will be leveraged 1:1 against DU and SLB funds to identify several properties (5-10) with high potential for recharge. These properties will be further refined based on factors such as water availability, partnerships with water providers, access to the river, and construction and permitting issues, resulting in the top 1-3 properties undergoing field tests to confirm model assumptions. From this process a single project site will be selected for eventual development. The process should reveal: the amount of new water that can be maximized through retiming; and the amount of restored or created wildlife habitat.

Threshold and Evaluation Criteria

The application meets all four Threshold Criteria.

Funding Overview:

WSRA South Platte Basin Account	\$33,633
DU & SLB match	<u>\$34,042</u>
Total Project Costs	\$67,705

Discussion:

No additional discussion is needed.

Issues/Additional Needs:

No issues have been identified.

Staff Recommendation:

Staff recommends approval of up to \$33,663 from the South Platte Basin Account to help complete the project titled: State Land Board South Platte Recharge Study.

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 and Final Deliverable: 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. 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.