

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
March 16-17, 2016
Agenda Item 14(aa)

Applicant & Fiscal Agent: City of Fort Collins, Natural Areas Dept.
Water Activity Name: Poudre River Downtown Project – Reach 3
Water Activity Purpose: Nonconsumptive
County: Larimer
Drainage Basin: South Platte
Water Source: Cache la Poudre River
Amount Requested/Source of Funds: \$50,000 South Platte Account
\$250,000 Statewide Account
\$300,000 Total Grant Request

Matching Funds: Basin Account Match (\$50,000) = 17% of total grant request (meets 5% min);
Applicant/3rd Party Match (\$8,200,000) = 2,733% of total grant request (meets 5% min);
Basin Account & Applicant Match (\$8,250,000) = 2,750% of total grant request (meets 25% min);
(refer to *Funding Summary/Matching Funds* section)

Staff Recommendation:
Staff recommends approval of up to \$50,000 from the South Platte Basin Account and \$250,000 from the Statewide Account to help fund the project titled: Poudre River Downtown Project – Reach 3.

Water Activity Summary: Construction of Reach 3 of the Downtown Poudre River Master Plan is the second in a series of Poudre River projects in Fort Collin. Grant funds will pay for a portion of the costs of site demolition, excavation of the river channel and stream bank stabilization. The low flow channel will be narrowed throughout the reach which will improve the flow depth for fish, flood flow conveyance and recreational use. Structures, including the Coy Diversion, that block flood flows will be removed. The Coy Diversion is a barrier to upstream fish migration. Removal and reconstruction of the Coy Diversion will substantially improve aquatic habitat and connectivity for all species, including threatened species and species of concern in this transitional habitat zone.

The project includes agreements between water providers that will optimize water supply infrastructure. This project will protect public infrastructure at College Avenue Bridge and private property. Recreation infrastructure (funded by private dollars) will be improved with the installation of whitewater wave features. Objectives include construction of a multi-stage channel to mitigate flood hazards, improve channel connectivity, provide recreational access, and enhance habitat.

Discussion: This project aligns with well with several of the Goals and Measurable Outcomes in the South Plate BIP as addressed in Section 1.9.3 and 1.9.7 (IPP Implementation, Environmental and Recreational). It also aligns with Chapters 6.6 (Environmental and Recreational Projects and

Methods) and 7.1 (Watershed Health and Management) of the Colorado Water Plan. The project has the potential to improve ecological and flood resilience in the Cache la Poudre River corridor.

Issues/Additional Needs:

- The applicant should provide staff with a detailed monitoring plan that describes geomorphic and vegetative monitoring methodologies.
- The monitoring plan should conform to the CWCB Measurable Results Program's Standard Operating Procedures for Topographic Survey of Stream Channels.
http://cwcb.state.co.us/environment/watershed-protection-restoration/Documents/Survey_SOP_CWCB.pdf
- All proposed river channel work should conform to the CWCB Rules and Regulations for Regulatory Floodplains in Colorado.
http://cwcb.state.co.us/Documents/FloodplainRulesRegsUpdate/CWCB_Adptd_FP_Rules_BasisPurp_%2011172010.pdf

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

Tier 1-3 Evaluation Criteria:

This project has undergone review and evaluation 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 WSR Application.

Funding Summary/Matching Funds:

<u>Funding Sources</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
City of Fort Collins	\$3,000,000	\$0	\$3,000,000
Citizens of Fort Collins-Building on Basics tax	\$4,000,000	\$0	\$4,000,000
Poudre Whitewater Fund, NCCF	\$150,000	\$0	\$150,000
Private Funds	\$750,000	\$0	\$750,000
Private Family Foundation (pending)	\$300,000	\$0	\$300,000
Subtotal matching funds	\$8,200,000	\$0	\$8,200,000
WSRA South Platte Basin Account	\$50,000	n/a	\$50,000
WSRA Statewide Account	\$250,000	n/a	\$250,000
Total Project Costs	\$8,500,000	\$0	\$8,500,000

CWCB Project Manager: Chris Sturm

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 WSR 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.