

***Project Name**

Clear Creek and Boulder Creek Basin Information Websites

***Grant Recipient**

Open Water Foundation

***Primary Contact**

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***WSRF Grant Type**

Conservation, Efficiency, & Reuse
Watershed Health, Environmental, & Recreational
Irrigated Agriculture
Education & Outreach
Planning, Studies, & Permitting
Eligible Water Activities (Check All That Apply)

Nonconsumptive (Environmental)
Nonconsumptive (Recreational)
Agricultural
Municipal/Industrial
Needs Assessment
Education & Outreach
If other, please explain.

(No response)

Total Project Cost

\$ 156,000.00

Are you submitting a proposal to the South Platte Basin RT, the Metro RT, or both?

Metro RT

South Platte Basin RT Grant Amount Request (If applicable)

(No response)

Metro RT WSRF Grant Amount Request (If applicable)

\$ 80,000.00

Colorado Water Plan Grant Amount Request (if any)

(No response)

Other Basin Roundtables WSRF Funding Being Requested (if any)

(No response)

If Other Roundtable Requests, which roundtable(s)

(No response)

***Project Description**

The Open Water Foundation (OWF) previously implemented the Poudre Basin Information website (<https://poudre.openwaterfoundation.org/>), which is a cross-jurisdictional community information resource.

The website is used to educate about water issues, inform basin operations, as a source of data and information to evaluate and implement projects, publish datasets and information for stream management and other plans, and raise the awareness of needs and support fundraising. OWF previously submitted a SPBRT WSRF grant proposal for the Big Thompson and Saint Vrain Basin Information Websites and is awaiting final CWCB approval. This project will implement basin information websites for the Clear Creek and Boulder Creek basins, to support organizations and citizens in those basins. OWF will continue to enhance the features of the software to provide additional information products. This project will also focus on integration with the Mile High Flood District and other data sources to provide real-time data and indicators of basin conditions including drought, water supply, and flooding. New datasets for diversity, equity, and inclusion will be integrated. Consistent with the OWF mission, deliverables will consist of open source software and open data to promote collaboration and efficiency, as well as to help ensure that the websites can be maintained.

***Which basin priorities does the project address? How?**

The BIP articulates goals and objectives that are aspirational as well as pragmatic and necessary. This project's primary focus is education and outreach. However, the design of information websites directly supports priorities related to municipal, industrial, agricultural, recreational, and environmental uses, multi-use projects, and collaboration. Addressing the consumptive and nonconsumptive priorities can benefit from context-relevant data and information from multiple perspectives. The basin information websites integrate data and information on a local scale (water district, HUC8) from many sources and provide user-friendly information products. This increases the efficiency and effectiveness of education and outreach. The websites provide interactive access to context-relevant regional information and therefore facilitate collaboration, reduce redundant expenditures on technologies, and help connect the dots so that trade-offs for multi-use water projects can be better understood and communicated. The websites help ensure that South Platte basin citizens are well-informed about water issues and helps them to engage. Website users include the public, decision-makers such as city councils and boards, educators and students, and staff of organizations. The websites also communicate at statewide level that the South Platte is a leader in the wise use of water resources and continues to innovate within organizations and as a basin community.

***Project Timeline and Tasks**

OWF's implementation of the Poudre Basin Information website has identified three main areas of technical work: 1) dataset development, 2) workflow development (automation), and 3) publishing information visualizations. OWF actively collaborates with entities that publish datasets including local, State, and federal organizations. We improve access to data and develop open source software to streamline data processing. OWF also collaborates with national efforts such as the Internet of Water to create standards for publishing data. Some of the datasets involved in basin information websites are published for the entire state (e.g., water providers locations and service area boundaries). However, each basin also requires specific attention and the goal is to ensure that each basin's data are as complete as possible across sectors and can support the basin communities. All datasets, workflows, and software work are published on the cloud for public access. The timeline is to implement websites as soon as possible by leveraging other websites, and then enable basin information over the WSRF project period, roughly a year. Project funding will allow new information products to be developed, which can be shared between basin information websites. OWF will maintain the websites using future project funding from various stakeholders.

Attach Budget (not required)

(No response)

Attach a map, graphic, etc. (not required)

[owfbasininformationwebsitesmap.pdf](#)

Attach a File (not required)

[owfbasininfowebstitessummaryletter.pdf](#)