



Installation of culvert and access road improvement efforts. August 2017

FINAL REPORT BY SHAWNEE WATER CONSUMERS ASSOCIATION October 24, 2017 for NOVEMBER 4, 2015 GRANT REQUEST BY SHAWNEE WATER CONSUMERS ASSOCIATION from the Park County Land and Water Trust Fund Board

We have completed the SWCA data collection and compliance project. Spronk Water Engineers, Inc. (SWE) reviewed current SWCA operations, water right decrees, and augmentation plan. SWE finalized the accounting Microsoft Excel based spreadsheet that will be used to account for SWCA water use, consistent with the SWCA augmentation plan, and reviewed by the Colorado Division of Water Resources (CDWR). The reporting spreadsheets of SWCA water use has begun and will legally protect SWCA water and storage rights. SWCA has purchased, installed, and made accessible monitoring structures to enable the gathering of data for the reporting spreadsheets. We have not installed the staff gage pending the release of water in the spring of 2018 and the possible rehabilitation of the reservoir. SWE evaluated the potential for Shawnee to sell water by volume or sell water storage space. Although it is very small, selling water may be possible with the correct partners. A plan for a public access water supply dispenser in Shawnee is being created. Discussions for a public toilet has also begun. In addition, SWCA is changing into a 501(c)3 tax exempt organization that will enable SWCA to find other revenue possibilities while providing greater service to the public it serves. Finally, SWCA has established a Source Water Protection Plan for part of the North Fork of the South Platte River through the help of Colorado Rural Water. As part of the best practices portion of the plan new fencing, signs, and security doors will be installed before spring 2018.

The SWCA project has been a success and even left some funds unspent.

See the actual expenditures in the following table:

Revised Budget Item List:	Amount	Funder	Actual
Spronk Water Engineers, INC. \$7500+ \$1875=	\$9375.00	LWTFB	\$10711.25
4 measuring flumes, 1 post gage	\$4000.00	LWTFB	\$2440.00
Installation of flumes and gage	\$5250.00*	SWCA	\$5250.00
Accessibility vehicular pathways to devices	\$3000.00	LWTFB	\$3000.00
Surveying of Reservoir and Roadway	\$4100.00	LWTFB	\$3350.00
Fencing of Water sources	\$3500.00	SWAP	\$5000.00
Administrative costs	\$1500.00	LWTFB	\$1500.00
Total In-Kind* \$15 Per hour x 350	\$5250.00*		
Total Project cost with additional funding	\$30,725.00		\$31251.25
11/4/2015 LWTFB assistance approved	\$16,000.00		
Additional LWTFB assistance requested	\$ 5,975.00		
New Total LWTFB assistance if approved	\$21,975.00		\$21,001.25
Total other cash assistance	\$3500.00		

Shawnee Water Consumers Association has been transformed by this grant into a better more reliable water provider not just for Shawnee Consumer members, but also for the many travelers that visit Shawnee and Park County.

Part of this transformation will bring jobs to Shawnee when the larger scope of SWCA as a 501(c)3 organization becomes fully developed. The jobs will be to oversee the distribution of SWCA water, educational programs, and traveler services to visitors to Shawnee and Park County on HWY 285.

Volunteerism of just a small number of members will also be much greater as various educational programs begin.

In the study of the application of our Water Augmentation plan SWCA found partners through seeking understanding and believing in the use of our water rights. The USFS, USPWCD, and HASP have expressed interest in the development and rehabilitation of the Shawnee Water Supply Reservoir. SWCA would like to immediately follow the completion of this grant with an application of a new grant to make an effective and useful improvement of the Shawnee Water Supply Reservoir. The result of which would make available many acre feet of new augmentation water just for Park County entities through the full use of SWCA and USFS water rights into storage at the Shawnee Water Supply Reservoir and pipelined directly to the river return.

In an early October meeting with Brian Banks the local USFS ranger this concept was touched on and was well received.

Respectfully submitted by, Vincent Tolpo SWCA, VP, October 24, 2017