

Grant Document Number: C990002555

Project Title: Spring Creek Watershed Initiative- Stream and Riparian Restoration

Project Description:

Spring Creek, although an impaired stream, is a world class trout fishery located in central Pennsylvania and a major tributary of the West Branch of the Susquehanna River. This project continues a watershed wide effort to improve the quality of the habitat while reducing downstream sediment at three locations using in-stream structures and riparian buffer planting. The design and execution was performed by PA Fish and Boat Commission at 2 sites and the U.S. Fish and Wildlife Service at the third in late summer of 2022.

Project Goals:

1. Improve stream habitat
2. Decrease sediment and silt in-stream
3. Reconnect to the flood plain.

Project Results:

1. Significant habitat improvement at all three sites.
2. Reduction of pollutants:

Site	Tons of Sediment	Lbs. Nitrogen	Lbs. Phosphorus
1 & 2	20	38	10
3	25	42	12

3. Buffer Improvement 2600 ft., 20 ft. wide – 52,000 sq. ft.

Photographs:



Financials:

1. Expenditures \$ 67,628.69
2. Match \$ 80,880.84
3. Total: \$147,969.23
4. Growing Greener \$ 38,528.00

Lessons Learned:

Scheduling difficult due to COVID19 and weather.

Partners:

Spring Creek TU, PA Fish and Boat Commission, U.S. Fish and Wildlife Service, Partners for Fish and Wildlife, Foundation for CalU, Girl Scouts, Pheasants Forever, Clearwater Conservancy.

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