



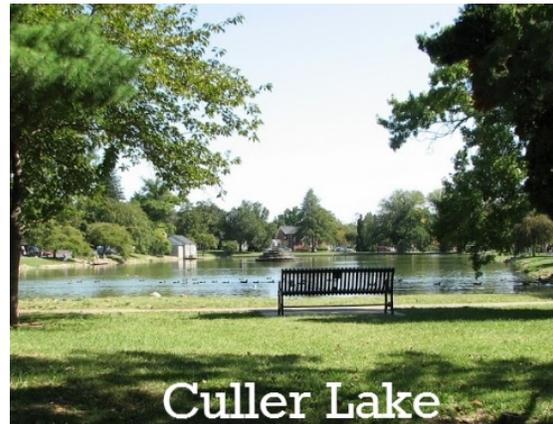
FIELD NOTES

FREDERICK SEIBERT & ASSOCIATES E-NEWSLETTER

CULLER LAKE AT BAKER PARK

FSA strives to champion environmental design that acknowledges both the manmade world's footprint and the ecological counterbalances. A recent project highlighted both of those aspects of FSA's environmental design philosophy. Baker Park lies within a grid of Frederick streets. Culler Lake, a main attraction of the park, is the designated basin for stormwater runoff from a 66 acre urban watershed. In 2011, Friends of Baker Park noted the degraded nature of Culler Lake. Due to excessively polluted stormwater runoff, the quality of the water was poor and the lake edge exhibited signs of erosion. FSA was contracted to design a Stormwater Best Management Practices (BMPs) Plan to treat runoff before and during the water's stopover in Culler Lake which then flows into the Carroll Creek.

FSA designed a plan which specified the necessary steps to reduce the watershed's nutrient load. Under these specifications, runoff to Culler Lake will pass through a trash removal system and gravel wetland cell before reaching the lake. The runoff will then



Culler Lake

On the Boards

FSA continues to provide engineering, surveying, and landscape architecture services throughout the quad-state area. Several of our projects presently on the boards are listed below. Look for them in future newsletters!

Beaver Creek

Stream Restoration/Fish Habitat Enhancement

Washington County, MD

Shohola Creek

Stream Restoration/Fish Habitat Enhancement

Pike County, PA

circulate through existing and planned fountains which will aerate the water. Submerged gravel wetlands and floating wetland islands will filter water and provide a more complete wildlife habitat. Treatment of stormwater is enhanced by passing through multiple BMPs before discharging into Carroll Creek. The team at FSA is honored to be part of Friends of Baker Park's Vision.

Beaver Dam Creek

Stream Restoration

Frederick County, MD

Antrim Commons Business Park

Stream & Floodplain Restoration

Franklin County, PA

Smith Creek

Stream Restoration

Shenandoah County, VA

"It would be hard to find a better partner than Frederick, Seibert, and Associates to guide our organization in advancing the concept for revitalizing Culler Lake into a biddable construction package. They were masterful in steering our group through the planning and design phase and coordinating the review by the myriad of governmental entities. They were true members of our team and helped achieve our vision for this iconic feature of Frederick's Baker Park.

We learned of FSA's abilities through another community organization that was very pleased with their stream restoration project. I recommend them highly."

- Michael Paskowsky, Friends of Baker Park Board Member

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