



Little Conestoga Watershed

Sustainable Stormwater Solutions

Project

LandStudies worked with the Little Conestoga Partnership to evaluate existing stormwater management facilities on a watershed scale within the Little Conestoga Creek watershed. The goal was to identify and prioritize BMPs for implementation that provide the largest pollution reduction to cost ratio and help municipalities within the watershed comply with recent environmental regulations that aim at improving water quality.

Site evaluations considered: site/regional stormwater management, nutrient and sediment load reductions, maintenance reduction, Municipal Separate Storm Sewer (MS4) permit compliance potential, wetland creation, wildlife habitat enhancement, recreation opportunities, & aesthetic enhancement.

The five sites included a residential neighborhood, business park, shopping mall, retirement community, and local grocery store. Master plans were developed to illustrate how a stormwater facility retrofit, stream restoration, or stormwater BMP could improve both the site and watershed. The local watershed alliance is using the resulting master plans as part of grant applications for implementation funding through state and federal funding sources.

Services

Master Planning | Cost-Benefit Analysis |



Commercial basin for potential retrofit



Existing stream – potential floodplain restoration

Client: Little Conestoga Partnership
Location: Little Conestoga Creek Watershed
Lancaster County, PA



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