



Learning Center Stormwater Swale

PPL Susquehanna Steam Electric Station O&M

Turn-key Maintenance Initiatives

Challenge

Since 2010, LandStudies, Inc. has been conducting annual maintenance of stormwater facilities including the construction of BMPs such as infiltration trenches in parking areas, cinder removal from facility forebays and invasive plant management. This ongoing project also addresses preventative maintenance targeting routine maintenance problems, reducing overall operating and repair costs of the stormwater facilities.

In addition to standard maintenance and invasive species control, LandStudies, Inc. has designed and implemented several restoration projects intended to reduce long-term maintenance costs and provide ecological uplift. These projects include a small stream restoration on a tributary to Lake Took-a-While, which helped to reduce sediment load and the construction and enhancement of a stormwater swale behind the SSES Learning Center. In addition, LandStudies, Inc. designed and permitted several minor stream restoration projects targeting major instabilities within the watershed. Improvements of the additional projects will provide stability around important infrastructure such as the plant intake and blow down lines while preventing sediment from impairing resources such as Lake Took-A-While.

Services

Assessment | Design | Engineering | Permitting | Landscape Installation | Construction & Construction Management



Floodplain restoration during construction



Restoration post construction

Client: PPL
Location: Berwick, PA



(717) 627-4440
315 North Street
Lititz, PA 17543
www.landstudies.com