

StreamLine

Lititz Run Watershed Alliance

◆Mission Statement◆

The Purpose of this newsletter is to provide information regarding the LRWA.

For more information, please visit the following web sites:

www.warwicktownship.org

www.landstudies.com

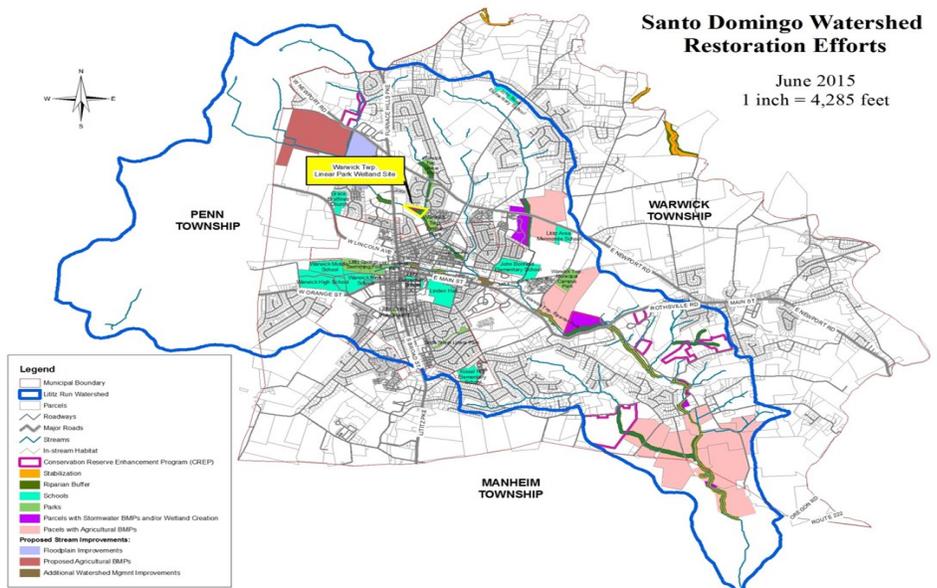


In cooperation with



Warwick Township Linear Park:

Warwick Township will be utilizing a grant from the Lancaster County Clean Water Consortium in a restoration project at the Santo Domingo Water Quality Facility located in the Linear Park. The purpose of the facility is to reduce sediment load in the Santo Domingo tributary. The project will include planting of native wetland plants, removal of sediment, regrading for natural flow, and replacing the existing outlet piping with the goal of enhancing the facility and water quality. The Warwick Township Public Works staff and LandStudies, Inc. will complete all installation and maintenance. There were 50 dump truck loads of sediment removed from the facility by Warwick Township in the fall of 2014. Construction and additional sediment removal will continue this summer. After the construction, there will be a planting event, which is tentatively scheduled for August 2015. The project will be completed by the end of October 2015. Below is a map of the Santo Domingo Watershed Restoration Efforts in the region. Also, the Linear Park Wetland site is highlighted in yellow.



Stream Clean-up 2015

This year's Stream Clean-up was hampered by a light snowfall that fell the day before the event. This made it a challenge to find trash but did not dampen the spirits of our volunteers. Volunteers from the Warwick School District, Millersville University Geography Club, Cargill Cocoa & Chocolate, The Gatehouse, Troop 154, and families from the community braved the snowy conditions and chilly weather to gather trash. Close to 1/2 ton of trash was collected. Some of the more interesting finds this year were a door (see picture), a dollhouse, and a sofa. Next year's Stream Clean-up is scheduled for Saturday, March 19, 2016. Volunteers are always welcome!



2015 Volunteer Planting Events

A volunteer planting event will take place at the Linear Park Wetland Site in August and September 2015. Another planting event will take place at Snavely Mill in September 2015. If interested in volunteering and receiving details on the planting events, please contact Billy Clauser at the Warwick Township office (717) 626-8900 or clauser@warwicktownship.org

Watershed Day 2015

What a perfect day it was this year for Watershed Day! It was a beautiful sunny day with temperatures in the low 80's and a slight breeze. Approximately 288 5th grade students participated in this year's event. There were 19 presenters from 7 different organizations who gave presentations on a variety of subjects. Some of the presentations included the Lancaster County Conservation District who provided sessions on the importance of stream bugs, stream chemistry and wetlands. The students were provided a tour of the sewer plant and the trout hatchery where they learned that the fish are raised to stock many of the local streams. Presenters from Hershey Zoo brought rehabilitated wild birds and reptiles and explained about their habitats.



2015 Stream Testing

Ongoing stream monitoring is being conducted on a monthly basis for the second consecutive year. The monthly monitoring program is testing in the following fields: Dissolved Oxygen, Nitrates, Phosphates, Turbidity, Air temperature, and Water temperature. Also, biological or macro testing is being conducted twice a year, once in May and in October. Testing is being conducted at 18 different test sites throughout Warwick Township, Lititz Borough, and Elizabeth Township. Below is a chart displaying the dissolved oxygen data from Jan. 2015-May 2015.

**Dissolved Oxygen Data
January - May 2015**

