

Summer 2016

Cayuga County Soil and Water Conservation District

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Conservation Highlights

Cayuga County SWCD

7413 County House Rd.

Auburn, NY 13021

(315)252-4171

cayugaswcd@cayugaswcd.org

www.cayugaswcd.org

Special Events:

- MONTHLY BOARD MEETINGS (2ND WEDNESDAY OF THE MONTH AT 10:00 AM)
- JULY 4TH, 2016— HOLIDAY AND OFFICE WILL BE CLOSED
- EMPIRE FARM DAYS— AUGUST 9-11, 2016 IN SENECA FALLS.
- STATE FAIR BOOTH— AUGUST 25TH — SEPTEMBER 5TH, 2016 AT THE NEW YORK STATE FAIR-GROUNDS IN SYRACUSE.
- LABOR DAY— SEPTEMBER 5TH, 2016—HOLIDAY AND OFFICE WILL BE CLOSED
- CONSERVATION FIELD DAYS— SEPTEMBER 20TH AND 21ST, 2016

Nutrient Storage System

A 7 million gallon nutrient storage system with a 14,000' transfer line was installed on a dairy farm in the town of Scipio. The transfer line consisted of 10" poly and it was approximately 1/2" thick. A 30'x40' heavy use area was installed to load and off load manure tankers along with an 800' stone access road. The project will help the farm to eliminate truck traffic and minimize the potential for spills while transferring

the nutrients from one field to another, as well as, from one unit to another.



The system was installed in the Owasco Lake Watershed.



Dry Summer Weather

As we all know, Cayuga County is experiencing drought conditions this year. Different from the very wet summer we had last year. Here are a few tips to consider when trying to conserve water:

- ◇ When using an electric dishwasher or washing machine, use them only to wash full loads and use the shortest cycle possible.
- ◇ When brushing your teeth, turn the water off while you are actually brushing. Use short bursts of water for cleaning your brush. (Saves about 80% of water normally used.)
- ◇ Lawns and gardens require only 5 mm of water per day. Water lawns every 3 to 5 days, rather than for a short period every day. In warm weather apply 5 mm of water for each day since the last watering and water during the cool part of the day, in the morning or evening. Do not water on windy days.
- ◇ Mulch around plants and shrubs. Mulching cools, protects, and enriches the soil. Placing a layer of organic material around plants provides nutrients for the plants and an ideal environment for earthworms and other organisms that help enrich the soil.

Dutch Hollow Brook Project

The Dutch Hollow Brook Watershed Restoration Project has begun implementation from funding that was secured by Senator James L. Seward. The objective of the project is to improve water quality in Owasco Lake through the implementation of Water Quality Improvement Best Management Practices throughout the Dutch Hollow Brook Watershed. There are approximately 8 sites that will be restored.

Dutch Hollow Site 2— The existing site was re-shaped and graded. In addition, 1,300' of a water & sediment control basin complete with berm, drop inlet and 1,300' of tile drainage were installed. An access road was also completed for heavy machinery traffic. Geo-web material filled with #2 stone was used in the construction of the access road which will increase the surface infiltration during storm events. Cool season grass was established to reduce velocity of surface flow in the waterway. Filtrexx slope interruption lined with a nutrient reduction solution will act as check dams, to reduce Nitrates and Phosphorus from sediment suspension in soil solution.



Above—Before picture of site 2



Right—After picture of site 2

Dutch Hollow Site 3— The existing site was re-shaped and graded and a 300' grassed waterway complete with berm was installed along with a drop inlet and 700' of tile drainage. Cool season grass was established to reduce velocity of surface flow in the waterway. Filtrexx slope interruption lined with a nutrient reduction solution will act as check dams, to reduce Nitrates and Phosphorus from sediment suspension in soil solution.



Left—Before picture of site 3

Below—After picture of site 3



Above—Before picture of site 4

Right—After picture of site 4



Dutch Hollow Site 4— A farm ditch was re-established to channel high flow events. In addition 1,400' of a grassed waterway was installed which was seeded with cool season grasses. Filtrexx sediment and erosion practices were implemented to reduce surface flow during the construction.

Four sites have been completed to date out of the 8 total sites. Thanks to Senator James L. Seward and Assemblyman Gary Finch for securing the funding.

Fish Stocking Program at the District

The Cayuga County Soil and Water Conservation District held successful fish programs this spring and summer with another to be held in September. We would like to thank everyone who purchased fish and also thank Phil Faber and Don Shaw for providing the fish for our programs. If anyone is interested in purchasing fish in September, please contact us. Order forms can be found on our website at www.cayugaswcd.org or feel free to stop in and pick one up.