



CONSERVATION HIGHLIGHTS

Cayuga County Soil & Water Conservation District

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WINTER 2011

Lockwood Bunk

During the fall of 2012 District staff began construction on a bunk silo leachate system for a 200 cow dairy farm in the Cayuga Lake watershed. Silage leachate contains high concentrations of nutrients, acid and has a high Biological Oxygen Demand (BOD). If it gets into soil or water, it can damage the quality of ground and surface water. This project received funding from the NYS Agricultural Non-point Source Pollution Abatement and Control Program. The project will include the following components:

- A low flow collection system encircling the bunk that will transport concentrated leachate to an existing manure storage.
- A high flow/low flow separator that will capture runoff from the bunk and direct it either to the manure storage or to a vegetated treatment area.
- A grassy vegetated treatment area (VTA) that will filter the more dilute runoff from the bunk silo following a precipitation event.
- Curbing that will exclude leachate from an existing clean water system.
- A drip trench that will divert clean roof water from the site.

In October District equipment operators and technicians completed the VTA, the drip trench, approximately half of the low flow collection system, and the gravel base for the curbing. The farmer contributed in-kind services to complete the forming and pouring of the curb. The remainder of this project will be completed in 2013.



Left: Vegetated treatment area with a gravel lip spreader.



Right: New curb diversity bunk silo runoff from a clean water surface inlet.



Cayuga County SWCD
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Monthly Board Meetings

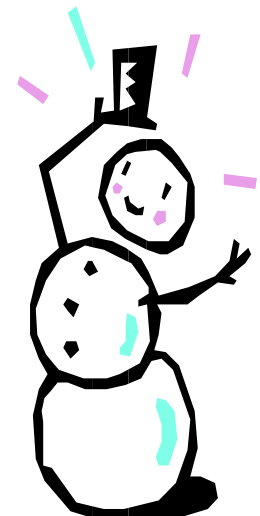
2nd Wed. of the month at 10 am

December 12, 2012
January 9, 2013
February 13, 2013

****Holidays****

The office will be closed on the following days:

Dec. 25, 2012—Christmas Day
Jan. 1, 2013—New Year's Day
Jan. 21—Martin Luther King Day
Feb. 18,—President's Day



• **Merry Christmas & Have a Happy New Year!**



Cover Crops -

Below are pictures of Cover Crops implemented using Ag. NonPoint Source Funds, winter cover reduces need for fertilizer at planting while improving the soil structure, organic matter, biological activity and reducing soil erosion to sensitive water courses.



▲ Above: 80 acres of Winter Rye Cover Implemented in Owasco Flats.



▲ Above: 25 acres of Oats and Red Clover used for Cover in Dutch Hollow Watershed.

Erosion & Sediment Control Trainings

In New York State, all construction projects that create an acre or more of disturbed soil must have a SPEDES General Permit for Stormwater Discharges from Construction Activity. All contractors completing earthwork on SPEDES permitted sites must have at least one individual on site that has completed a four hour erosion and sediment control training course. To be kept current, the training must be completed once every three years. The Cayuga County Soil and Water Conservation District is offering these trainings to contractors, developers, inspectors, engineers, and government employees. Upcoming trainings will be held on the following Tuesdays:

January 15, 2013
 February 12, 2013
 March 19, 2013
 March 26, 2013
 April 9, 2013

For more information or to register for training, please visit the Cayuga County SWCD website at <http://www.cayugaswcd.org/>



TRADE-A-TREE FOR A TREE—

After Christmas this year, trade in your old tree for a free transplant! The Cayuga County Trade-a-Tree for a Tree program offers residents an opportunity to recycle their Christmas tree in exchange for a Balsam Fir transplant (transplants will be available for pick-up on Friday, May 3rd). It's fast, easy, and free! Location: Cayuga County Natural Resource Center @ 7413 County House Road, Auburn.

**Trade-a-Tree Dates & Times

Dec. 26-28
 8 am— 4 pm
 Jan. 2-4
 8 am—4 pm
 Jan. 7-11
 8 am—4 pm
 Jan. 14-18
 8 am—4 pm
 Jan. 5th (Saturday)
 8 am -12 pm



Balsam Firs