

T I O G A C O U N T Y

**SOIL**  **WATER**

C O N S E R V A T I O N D I S T R I C T



Ag. Program



Hydroseeding Program

# 2015 Annual Report



Stream Program



USC receives 2015 NYS DEC Environmental Excellence Award for ESI program

# Hydroseeding for Newly Constructed Houses



2.25 Acres of new  
yard established

# Stream Program Highlights

## Accomplishments

- 10 HMP annex update meetings
- NYS DEC Culvert Assessment Training
- 13 Stream Projects
- 2,725 Linear feet of stream bank protection
- ESI (Emergency Stream Intervention) Training in Tompkins county for both Tompkins and Tioga residents
- 14 NYS stream permits
- 39 Army Corps of Engineers permits



**Willow Fascine installation  
on Susquehanna River**



**Live Willow Stake bank installation  
on Susquehanna River**



**Finished Stream bank stabilization on  
Owego Creek**

# Stream Program Overview

## Goals:

- Balance the need for environmental protection with private property rights, use and safety.
- Assist municipalities in environmentally sensitive maintenance, repair and construction work on or near stream channels, reducing costs while increasing safety and stability.

## Services Provided:

- Monitoring and mapping of stream issues
- Education and outreach
- Technical Assistance/Advice
- Permit Assistance
- Grant writing and Administration
- Design work and Engineering
- Construction Oversight

Willseyville Square Emergency Stream Intervention work, after June 2015 storm event




## Challenges:

- Limited Infrequent Funding
- Misunderstanding of regulations/landowner responsibilities
- Budget/Time constraints of municipal work force/county DPW
- Historical and Current Building locations
- Dynamic and "Flashy" Nature of our streams
- Past maintenance activities and the long term effects
- Changing Climate Patterns


# AEM Program

## Tier's Completed


- Tier 1– 3
- Tier 2– 6
- Tier 3B CNMP– 7
- Tier 4 Implementation– 7
- Tier 5B CNMP Update– 5




Before Manure Storage  
Frisbie Brothers Dairy



Completed Manure Storage  
Frisbie Brothers Dairy



Before Covered Barnyard  
Robinson Farm



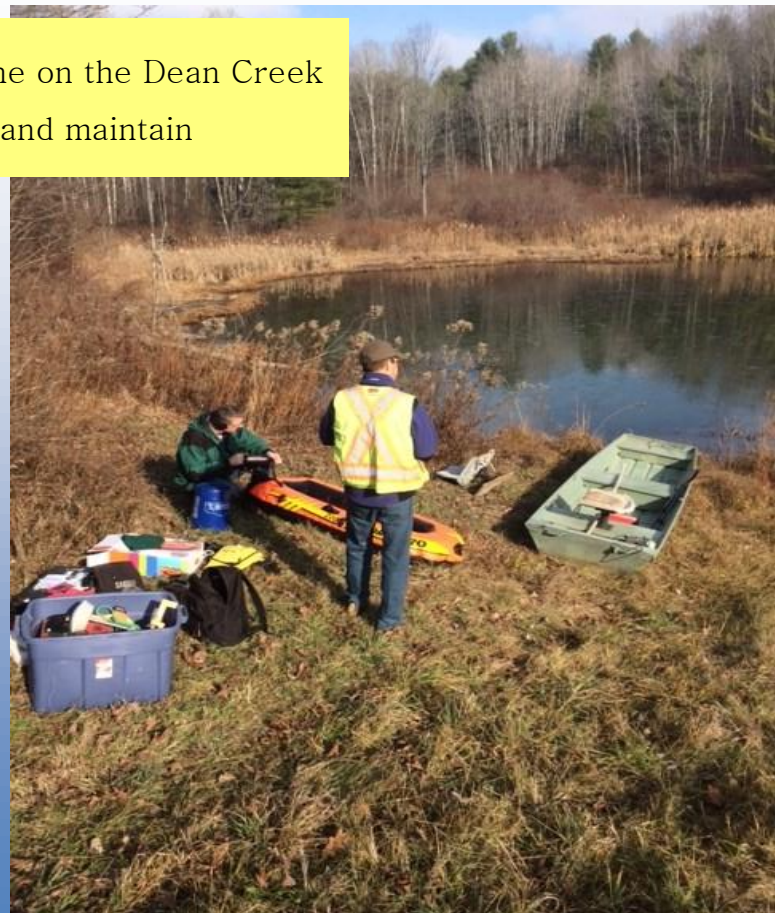
Completed Covered Barnyard  
Robinson Farm

7/18/2013

# Dean Creek Engineering and Youth Group



Youth group cleared brush and trees for 3 days on dams and retention ponds in Dean Creek watershed



Sediment survey being done on the Dean Creek Dams we monitor and maintain

# Earned Income Programs

Truax No-Till Drill



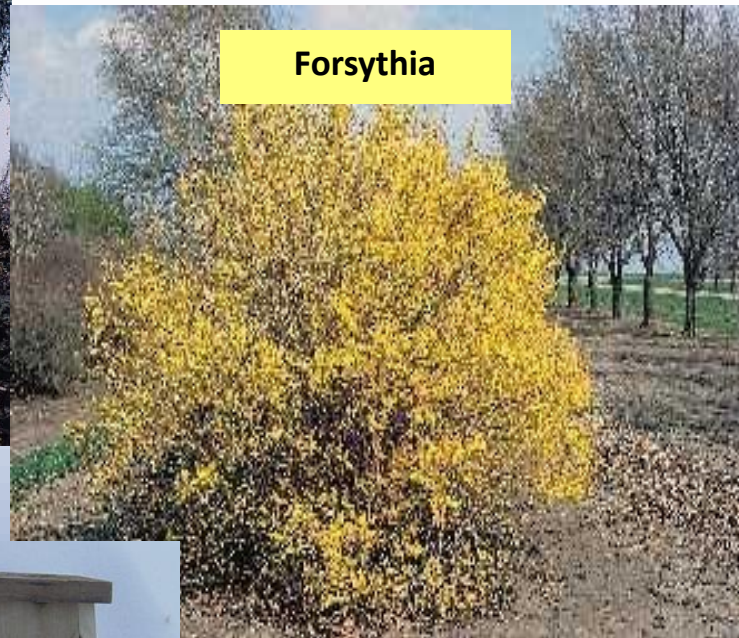
## Sales and Rentals

- 17,319 bare root seedlings sold
- 30 wildlife boxes sold
- 2 people rented our post pounder
- 275 acres were planted with Truax No-Till Drill
- 1 person rented the tree planter

Domestic Apple



Forsythia



Wildlife Houses

