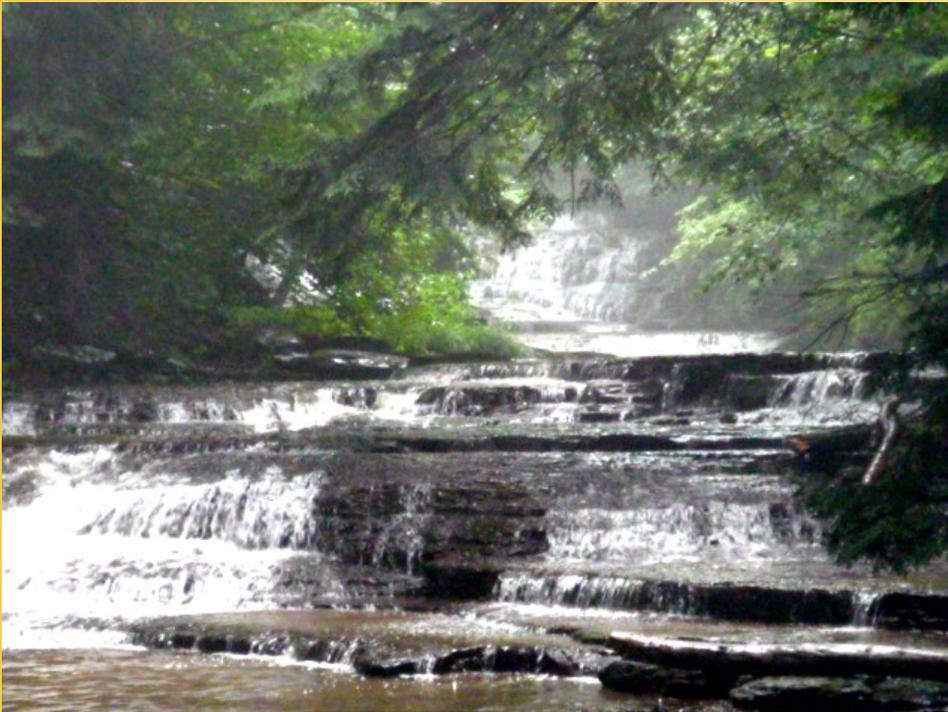


WYOMING COUNTY SOIL & WATER CONSERVATION DISTRICT

2009 ANNUAL
REPORT



*Conservation doesn't cost,
It pays!*

STREAMBANK STABILIZATION



Top Left - Streambank stabilization to remediate an exposed water line in the Town of Attica, NY.

Top Middle - Wiscoy Creek Stabilization and Restoration Project that restored the stream back to its original channel in Pike, NY. (Pictured: Grade control structure)

Top Right - Live stakes used for the Wiscoy Creek Stabilization and Channel Restoration Project in Pike, NY.

Bottom - Town of Bennington bank stabilization project along Schoellkopf Rd.

SHORELINE STABILIZATION



The Wyoming County Soil and Water Conservation District provided technical and financial assistance to YMCA Camp Hough to complete shoreline stabilization and drainage projects. Camp Hough completed an extensive shore stabilization project with the installation of erosion control blankets, jute netting, and conservation seeding. Vegetation was successfully established to help reduce shoreline erosion. A drainage project has also been completed which entailed the installation of approximately 1400 feet of drainage tile throughout the high traffic areas and the parking areas of the camp. These tiles will help to drain runoff properly to minimize stormwater erosion to the beach area. Approximately \$6,000.00 was provided to Camp Hough through the NYS Department of Ag and Markets.

On the Cover: **Top Left** - Buffalo Creek, **Top Right** - Live Stakes used in Wiscoy Creek stabilization project, **Bottom Left** - Camp Hough shoreline, **Bottom Right** - Strip cropping on Table Rock Farms in Castile, NY.

AGRICULTURAL BEST MANAGEMENT PRACTICES

SILAGE LEACHATE MANAGEMENT SYSTEMS

Top Left - Covered bunk silo at Richard Kibler's in North Java, NY.



Top Right - Silage leachate collection system at Logwell Acres in Pavilion, NY.



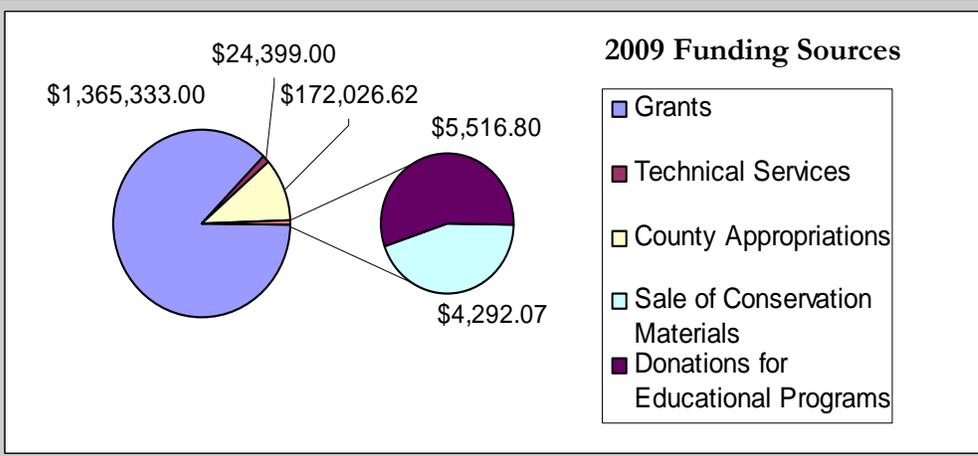
Bottom Left - Silage leachate collection system at Davis Valley Farms in Bliss, NY.



Bottom Right - Construction of concrete pad at Logwell Acres in Pavilion, NY.



AG WASTE TRANSFER & COLLECTION SYSTEMS



Left - Ag waste transfer system at Baker Brook Farms in Attica, NY. **Middle** - Lined Manure Storage at Van Slyke's Dairy Farm in Pike, NY. **Bottom Right** - Ag waste storage tank installed at Doug Kibler's in Java, NY.

CONSERVATION EDUCATION

2009 CONSERVATION FARM OF THE YEAR
Van Slyke's Dairy Farm, LLC.



Agriculture Environmental Management Awards

- Baker Brook Dairy, LLC, Attica, NY**
- Seewaldt Bros., North Java, NY**
- Mar-Dan Farm, Java, NY**
- East Koy Valley Farms, Pike, NY**
- Eagleview Dairy Farm, Eagle, NY**
- Tarey-Rickard Farm, Pike, NY**
- Bliss Cattle Co. (Robert Bliss), Eagle, NY**
- VanSlyke's Dairy Farm, LLC, Pike, NY**

2009 Education Programs

- Tree and Shrub Program
- Soil Stewardship
- Envirothon
- "Learn to Fish" Day
- CCE Dairy Institute
- Wyo. Co. Dairy Fest
- Wyo. Co. Fair
- Water Quality Tour
- Wyo. Co. Ag Appreciation Dinner
- Silver Lake State of the Lake Meeting
- AEM Awards/ Farm of the Year Banquet
- Silver Lake Environmental Camp



Pictures (Left to Right): Conservation Aide, Nancy Herman, accepts an honorary plaque for 25 years of dedicated service. The 2009 Wyoming County Trailside Envirothon First Place Team, Warsaw High School. The District's Water Quality Technician with campers at the First Annual Silver Lake Environmental Day Camp. NYS Legislators visit Wyoming County SWCD at the Wyoming County Dairy Fest in June.

SPECIAL PROJECTS



Several Special Projects and Programs were completed in 2009. Three separate streambank and roadside erosion inventories were created. These inventories identified areas of erosion concern along Cattaraugus Creek, Clear Creek, and within the Silver Lake Watershed. Wyoming County SWCD also worked with the County Highway Dept. to complete hydroseeding, stabilization (Hardy's Rd.), and culvert replacement projects. Water monitoring programs for Silver Lake and Java Lake were designed and implemented to monitor and track water quality trends.

2009 Accomplishments

Total Requests for Assistance	557
Government Units Assisted	43
Ag Value Assessments	102
Trees Sold by District	11,980
Ag Waste Storage Systems Installed	3
Ag Waste Transfer Systems Installed	4
Barnyard Runoff Management Systems	3
Critical Area Seeding	8 Acres
Cover Cropping	398 Acres
Conservation Cropping Sequence	2,235 Acres
Conservation Tillage Systems	17,051.9 Acres
Culvert Evaluations	4
Fencing	22,713 Feet
Grade Control Structures	1
Mined Land Reclamation Completed	25.9 Acres
Pasture Management	190 Acres
Pest Management	15,826.3 Acres
Pond Site Reviews	4
Silage Leachate Collection Systems	7
Stream Sites Reviewed	45
Stream Permit Assistance	9
Streambank Protection/Stabilization	1,065 Feet
Tile Drainage Installed	16,250 Feet
Upland Wildlife Habitat Management	46 Acres
Waterways	150 Feet

Below - Constructed Stream Crossing at High Land Farms in Wyoming, NY



NATURAL RESOURCE CONSERVATION SERVICE

Why practice Contour Strip Cropping in Wyoming County?

By Mia M. Halter, District Conservationist

USDA -NRCS, Warsaw, NY



To produce a good and pleasant note the musician must protect and maintain his instrument just as the local farmer must protect and maintain his most important resource base . . . the soil. While CEO's fight at garnering the most products with the least cost of materials and labor, so does the Wyoming County farmer need to reduce cost and sustain their cropping system to equate into a profitable product. The soil is their engine for producing a crop for market and/or feed for livestock such as hay and corn silage.

The farmer's wealth is found in the topsoil and retention of that layer is crucial. Loss of this soil layer can equate to the reduction of crucial nutrients for future crops resulting in continued or increased application of high-cost fertilizers [further exasperated by the tremendous cost of fuel for application including the spreading of manure].

When we look around us, Wyoming County is bequeathed with beautiful hills, valleys, and vistas and many of these slopes are flush with soils excellent for producing the grains and silage

AGRICULTURAL ENVIRONMENTAL MANAGEMENT PROGRAM

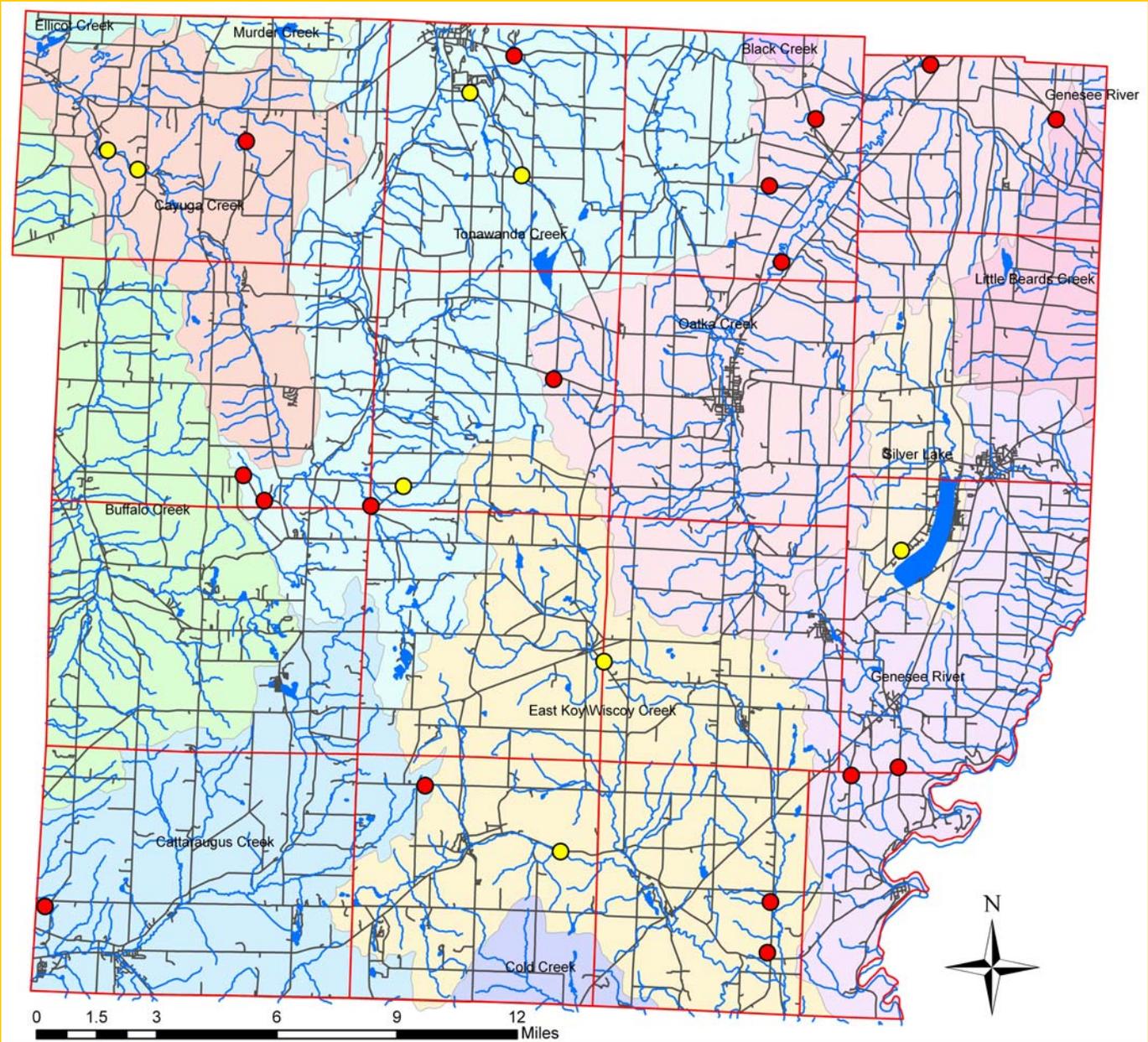
2009 Summary



Tier 1 - Inventory	3
Tier 2 - Assessment	3
Tier 3A - Conservation Planning	7
Tier 4 - Implementation	10
Tier 5A & 5B - Project Evaluation	16

Continued on Page 7

2009 WYOMING COUNTY PROJECT LOCATIONS



● Agricultural Projects

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> - Ag. Waste run-off control, R. Pilarski - Ag. Waste Transfer System, Baker Brook Dairy - Silage Leachate Management System, Logwell Acres - Stream Crossing, Highland Dairy - Agricultural Flood Control, McCormick/Slocum - Ag. Transfer System, East Koy Valley Farms | <ul style="list-style-type: none"> - Silage Leachate Management System, Seewaldt Bros. - Barnyard Runoff Management, R. Kibler - Ag. Waste Management, D. Kibler - Silage Leachate Management, Davis Valley Farms - Agricultural Tile, Jeffres - Underground Outlet, Ward Bros. | <ul style="list-style-type: none"> - Lined Manure Storage, VanSlyke's Dairy - Silage Leachate Management System, Pankow - Silage Leachate Restoration, Jeffres/ Offhaus - Manure Storage, Co Vista Farms - Silage Leachate, Flint Farms |
|---|---|--|

● Stabilization Projects

- | | |
|--|--|
| <ul style="list-style-type: none"> - Streambank Stabilization, Bennington, NY - Streambank Stabilization, Bennington, NY - Culvert Replacement and Stabilization, Attica, NY - Stabilization, covered exposed water line, Attica, NY | <ul style="list-style-type: none"> - Stream Stabilization, Mark McGrath - Orangeville, NY - Shoreline Stabilization, Camp Hough, Castile, NY - East Koy Creek Stabilization, Gainesville, NY - Wiscoy Creek Stabilization, Bliss, NY |
|--|--|

needed for our important dairy and livestock operations. Certainly, contour strip cropping is a vital conservation practice for the future wealth and health of Wyoming County's soil.

Contour strip cropping is nothing new to many of the county's farmers and situated throughout the hillsides the occasional farm will have sloped fields with strip-cropping or contour strip-cropping. The gains are impressive and effective with approximately a 50% reduction of erosion! Such an important resource, the reduction of soil loss by contour strip farming cannot be ignored by the frugal long-term thinking farm operator.

Contour strip cropping, with row patterns nearly level around the hill [not up and down] reduces the sediment and nutrient runoff by increasing water infiltration. Planting on the contour and alternating strips of grass, legumes, or small grains with a row crop such as corn grain or silage causes the runoff to flow evenly across the entire surface of the strip, reducing sheet and rill erosion. Generally, water/runoff cannot achieve a high velocity on the narrow strips of row cropped land, and the hay and small grain crops slow the rate of runoff. [Another benefit is improved water quality by reduction of siltation and filtering nutrients and chemicals from runoff]. Rotating the strips from corn to grasses and legumes allows nutrient-needy crops to benefit

from the nitrogen added to the soil by sod-forming crops.

The mechanics of contour strip farming are relatively simple: the row grade should not exceed 2% and can be laid out by establishing a base line around the hill using a hand level or transit. The width of the strips will depend primarily on the degree of slope, the permeability of the land, and its erodibility. The row crop strips need to be close in width to the small grain or meadow strips. Contour strip cropping often is protected by grassed diversion ditches to reduce the slope length within a field. Strip widths are adjusted to fit the farmer's planter width.

For more information on contour strip cropping you can contact the Natural Resources Conservation Service [NRCS] or Wyoming County Soil & Water Conservation District (SWCD) at (585) 786-5070.



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County Supervisor—Sally Meeder
Farm Bureau Representative—Walt Faryna
Grange Representative—Richard Youngers

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Secretary/Treasurer—Sharon Boyd
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Water Quality Technician—Bethany Klein

NRCS

District Conservationist
Mia Halter
Soil Conservationist Technician
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