

# *Annual Report*

*Owasco Lake Watershed Inspection Program*

A scenic photograph of a forested shoreline. The foreground shows the surface of a body of water with gentle ripples. The middle ground is a dense forest of green trees and shrubs growing along the water's edge. The background is a clear, bright sky.

2008



## *Contact Information*



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# *Introduction*

The Owasco Lake Watershed Inspection Program began in the summer of 2007 when funding was secured through Senator Nozzolio and an agreement between the City of Auburn, Town of Owasco, Cayuga County Soil and Water Conservation District, and Cayuga County Water Quality Management Agency was reached. On August 13, 2007, Jessica Miles was hired as the first Owasco Lake Watershed Inspector. Although there had been other watershed inspectors in the past, this was the first time a designated position to solely work on issues in the Owasco Lake Watershed had been created.

The original funds established the Owasco Lake Watershed Inspection Program for its first year. The Program is now funded and secured through the municipal water users. There are approximately 44,000 people in several municipalities of Cayuga County that receive their drinking water from Owasco Lake. Through an increase in the water rates (4 cents per 1,000 gallons), the water consumers pay a nominal amount to protect their public drinking supply.

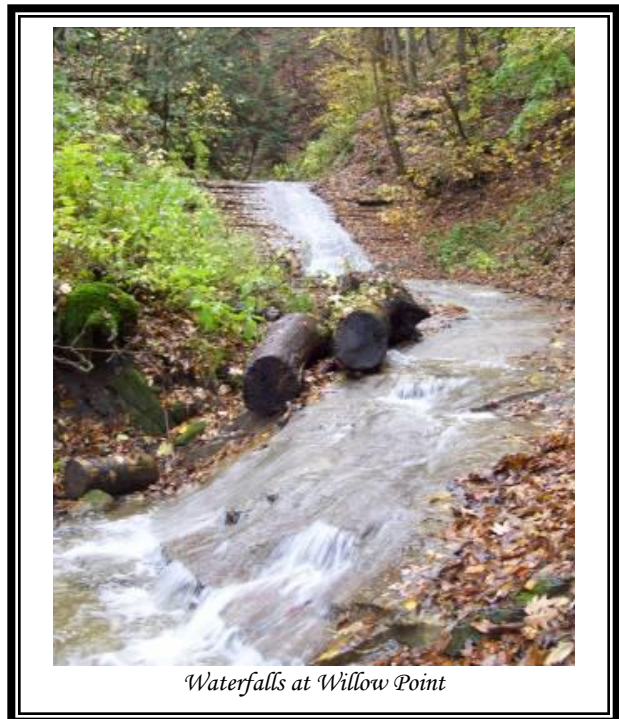
The Owasco Lake Watershed Inspection Program operates from the Cayuga County Soil and Water Conservation District office on County House Road in Auburn. The program receives technical advice and assistance from the representative agencies of the Cayuga County Water Quality Management Agency.

This report documents the work completed in 2008 by Jessica Miles, Owasco Lake Watershed Inspector and the work of two Seasonal Watershed Inspectors that worked for twelve weeks during the summer months.

For 2008, a total of 849.25 man hours completed 805 inspections by vehicle, foot patrol, and boat. From these inspections, 31 situations required a more in-depth investigation to determine if there was a violation of the Owasco Lake Watershed Rules and Regulations. Sixteen (16) of the 31 situations were considered violations. All sixteen (16) violations were abated by cooperation and education of landowners.

Other watershed concerns like erosion from construction activities, identifying invasive species like Giant Hogweed, and surveying tributaries comprised a majority of the other inspections performed.

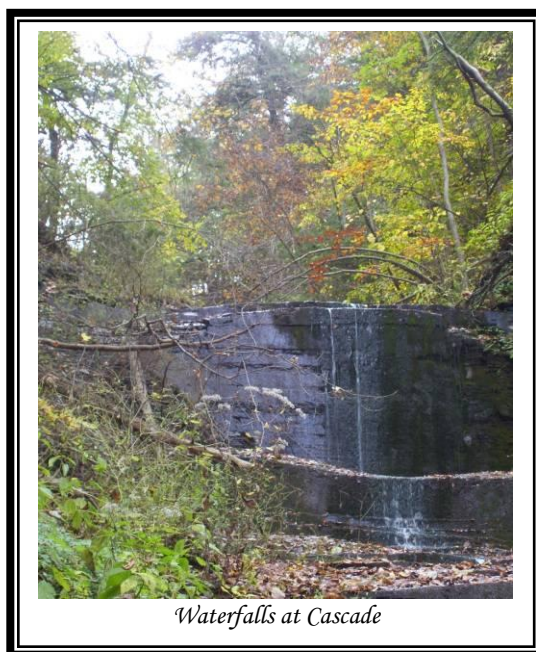
There are approximately 4060 septic systems within the Owasco Lake Watershed (Cayuga County – 2,990; Tompkins County – 1,000; Onondaga County – 70).



*Waterfalls at Willow Point*

# *Acronyms*

ACOE	Army Corps of Engineers
AEM	Agricultural Environmental Management
BMP	Best Management Practice
CPESC	Certified Professional in Erosion and Sediment Control
FL-LOWPA	Finger Lakes – Lake Ontario Watershed Protection Alliance
NOI	Notice of Intent
NYS DEC	New York State Department of Environmental Conservation
NYS DOT	New York State Department of Transportation
OLWIP	Owasco Lake Watershed Inspection Program
OWLA	Owasco Watershed Lake Association
SWCD	Soil and Water Conservation District
SWPPP	Stormwater Pollution Prevention Plan
USFWS	United States Fish and Wildlife Service



# *Investigations and Violations*

## *Agricultural Investigations*

### **January 8, 2008**

- Manure spreading incident in the Town of Genoa
  - Cayuga County SWCD and OLWIP investigated and wrote Odor Complaint form
  - Investigation concluded that manure was not spread too heavily
  - Manure was not spread when inclement weather was predicted
- ***No Violation Found***

### **March 14, 2008**

- Mud/manure on road incident in the Town of Owasco
  - Spoke with farmer and he scraped the road clean
  - No mud/manure had reached roadside ditch
- ***No Violation Found***

### **May 6, 2008**

- Manure spreading investigation in the Town of Genoa
  - Upon investigation, land in question was completely within the Cayuga Lake Watershed
- ***No Violation – Not Applicable***

### **July 7, 2008**

- Manure spreading investigation in Town of Owasco
  - Fields in question were deemed to be part of the Cross Lake Watershed
- ***No Violation – Not Applicable***



*Jessica Miles recording GPS coordinates  
during field inspection*

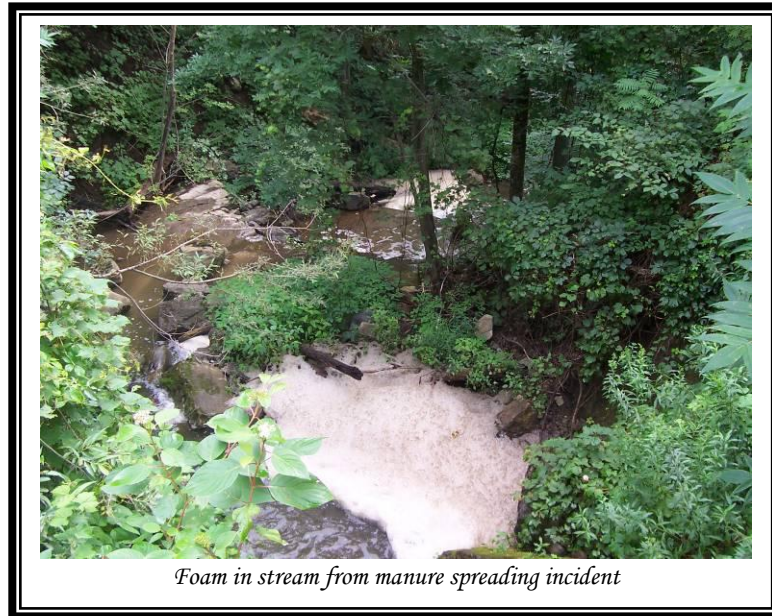
### **August 4, 2008**

- Manure spreading investigation in Town of Scipio
  - Neighbors were concerned about the odor and impacts on the lake
  - Manure was not spread within 75 feet of any tributaries
  - Manure was not spread when inclement weather was predicted
- ***No Violation Found***



### August 7, 2008

- Manure in stream investigation in the Town of Scipio
  - OLWIP reported to the site where a landowner claimed the stream had significant amounts of foam and smelled of manure
  - Foaming/manure was traced back to hay field where manure had been spread during the day, prior to heavy rains in the afternoon
  - NYS DEC was called to the scene by OLWIP
- NYS DEC levied fines against the responsible parties for the water quality violation



### October 14, 2008

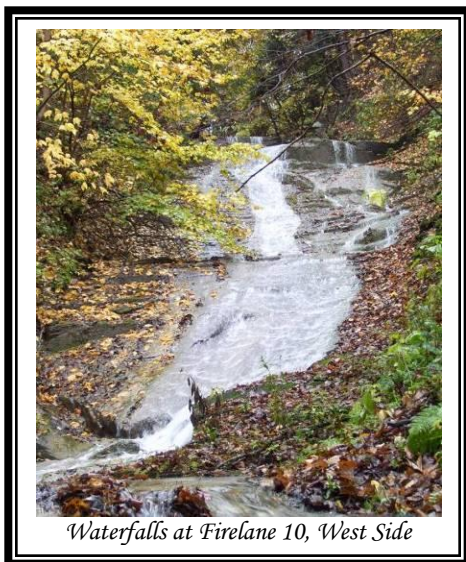
- Investigation of animals having access to water treatment strip in the Town of Owasco
  - Previous ruling by the Cayuga County Board of Health found that livestock would not be allowed access to this area. Exclusion fencing had been installed.
  - There is a new farmer leasing the tract of land and he was not aware of this prior ruling. He allowed livestock into area to mow vegetation.
  - OLWIP spoke with the farmer and he removed the animals
  - Working with farmer to review previous ruling and determine what should be done at this property to remain in compliance
- ***Violation Abated***

### October 28, 2008

- Mud/manure in the road incident in the Town of Niles
  - Farmer scraped road clean after he was finished hauling feed across the road
  - Spoke with farmer and he is interested in the AEM program to solve this and similar issues on the farm
- ***No Violation Found***

## Other Agricultural Investigations

- Farm #1 – Town of Moravia
  - Animals have unlimited access to and water in unnamed tributary of Dresserville Creek Sub-watershed
    - Completed AEM Tier I and Tier II forms
    - Design for Prescribed Grazing System (excluding animals from the stream) completed
    - Part of the NYS Ag and Markets Round XV Agricultural Nonpoint Source Pollution Abatement and Control Program grant proposal to have approximately 11,000 feet of hi-tensile fence placed around perimeter and for paddocks. Exclusion from watercourses and streambank stabilization using riparian vegetation was included
  - ***Violation Abated Pending Implementation of BMPs***
- Farm #2 – Town of Locke
  - Livestock had unlimited access to the Owasco Inlet and a tributary of the Owasco Inlet
    - Farmer is in the process of phasing out animals on the farm
    - Working with Cayuga County SWCD on plans for temporary exclusion methods and permanent methods if farmer decides to continue to have animals
  - ***Violation Abated Pending Cooperation with Cayuga County SWCD and OLWIP***
- Farm #3 – Town of Scipio
  - Livestock have unlimited access to and water in an unnamed tributary
    - Farmer interested in understanding his impact on the stream before implementing best management practices to exclude livestock from the stream
    - Water Sampling Parameters were set to test for nitrate, ammonia, total phosphorus, fecal coliform, and E. coli
    - Sampling was not completed in 2008 due to a lack of running water during the summer months and no animals in later months of the year
  - ***Violation Abated Pending Cooperation with Sampling Efforts***



- Farm #4 – Town of Moravia
  - Livestock had access to wet area which drained into unnamed tributary of the Owasco Inlet Sub-watershed
    - Grant through USFWS paid for hi-tensile fencing to exclude animals
  - ***Violation Abated***

## *Septic System Investigations*

- Town of Moravia: Lakefront home with privy
  - Outhouse found during routine inspections and the Cayuga County Environmental Health Department had no record of a privy on the property
  - Although there is no wastewater discharging, the Cayuga County Environmental Health Department is working with the property owner to have facility brought to standards to prevent any discharges
  - **No Violation Found** [location of privy greater than 100 linear feet from mean high water mark]
- Town of Owasco: Wet area at lakefront home
  - During routine inspections, a wet area near an existing septic system was located
  - According to the Cayuga County Environmental Health Department documents, the wet area was caused by a discharge pipe from the sump pump in the basement
  - **No Violation Found**
- Town of Owasco: Leach field near new pond
  - Received a complaint that the leach field for a structure was believed to be close to a newly constructed pond
  - Referred to Cayuga County Environmental Health Department to reference septic system diagrams
  - Septic system, including leach lines, were farther than regulated distance
  - **No Violation Found**
- Town of Owasco: Business/apartment septic system failure
  - Cayuga County Environmental Health Department was investigating surface discharge from leach lines at business
  - Roof water was directed away from leach field and water consumption was decreased from the business and apartment
  - Neighbor concerned with high fecal coliform levels in roadside ditch in front of home
  - Water samples were taken → determined that the levels were well below dangerous levels
  - **Violation was Abated pending no further sewage discharge to the surface**
- Town of Scipio: Neighbor concerns regarding numerous outhouses
  - Investigation found that the four outhouses on the property were greater than 100 feet from the mean high water mark
  - No odor and no discharge were noted during inspection
  - **No Violation Found**



- Town of Moravia: Lakefront home failing septic system
  - OLWIP found sewage discharging on the surface of the ground
  - Inspection with the Cayuga County Environmental Health Department found no sewage on the surface. Landowner has been encouraged to redirect roof runoff away from septic tank and leach field
  - ***Violation Abated pending no further sewage discharge to the surface***
  
- Town of Niles: Lakefront home with failing septic system
  - System was found to be failing through Code Enforcement Officer
  - Distribution box malfunctioned after a truck drove over it
  - System was repaired
  - ***Violation Abated***
  
- Town of Niles: Pull-behind camper placed on concrete pad within 1,000 feet of the lakeshore
  - Worked with Cayuga County Environmental Health Department to check how waste on the property was being disposed
  - Investigation found that they are currently using on board holding tank
  - ***No Violation Found***

### *Fuel Spills*

#### **January 29, 2008**

- Diesel spill at a marina on the Owasco Outlet in the Town of Owasco
  - Spill occurred on Friday, January 25 when a new piece of equipment was being unloaded and a diesel line burst
  - Owners placed Speedy Dry over diesel on ground, but some leaked into storm sewers
  - Rain on Monday night and Tuesday caused the fuel in the storm sewer to flow into the outlet
  - OLWIP, Chief Operator of the City of Auburn Water Filtration Plant, and the NYS DEC Spill Response spoke with the marina owner about improving response and notifying authorities when similar incidents occur in the future
  - Owner of marina claimed liability, will be posting signs on how to properly address a spill, and preparing an emergency spill response kit
- NYS DEC handled fines and/or clean-up procedures. OLWIP took no further action.



#### **April 3, 2008**

- House fire on Tollgate Hill Road in the Town of Moravia
  - Fuel line to house burst and fuel leached to roadside ditch
- NYS DEC handled fines and/or clean-up procedure. OLWIP took no further action.



*Oil sheen along lakeshore of Owasco Lake  
(looking to the north)*



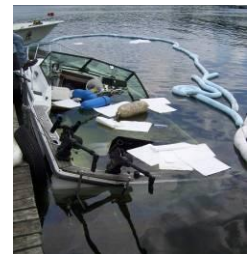
*Booms in water to trap hydraulic oil  
(looking to the south)*

### July 9, 2008

- Hydraulic oil spill on Route 38 in the Town of Fleming
  - OLWIP was notified of an oil sheen on the west shoreline of Owasco Lake
  - OLWIP was first responder and notified the authorities
  - Investigation found that a NYS DOT mower had burst a hydraulic fuel line earlier in the day near the shore. Spill was not reported. Oil leached down bank and into lake.
- NYS DEC handled fines and/or clean-up procedures. OLWIP took no further action.

### July 14, 2008

- Gas and oil spill from boat in the Town of Venice
  - Bilge pump failed on boat. Boat was docked with no cover and there had been a significant rainstorm on the previous evening.
  - Boat sank down in very shallow portion of the lake. Pressure forced some gas and oil to leak.
- NYS DEC handled fines and/or clean-up procedures. OLWIP took no further action.



*Boat sunk into  
Owasco Lake*



*Emergency crews work to raise boat out of water*

### July 15, 2008

- Oil spilled from boat motor on the Owasco Outlet in the Town of Owasco
  - Boat experiencing motor issues spilled gas/oil mixture
- NYS DEC handled fines and/or clean-up procedures. OLOWIP took no further action.

### August 1, 2008

- Fire at UPSCO, Inc. plant in the Village of Moravia
  - OLOWIP and the Cayuga County Environmental Health Department inspected the tributary of the Owasco Inlet adjacent to the plant. No impact found.
- NYS DEC handled fines and/or clean-up procedures. OLOWIP took no further action.

### Other Investigations

- Town of Owasco: Investigation of orange dye substance in lake
  - Dye had disappeared before investigation
  - No other dye appeared along the shoreline
  - **No Violation Found**
- Town of Owasco: Cleaning paintbrushes in lake
  - Two separate lakefront residents were accused of cleaning paintbrushes in the lake
  - Letters were sent to the two homeowners regarding the allegations
  - **(2) Violations Abated**
- Town of Owasco: Dumping of construction debris into unnamed tributary
  - Stream survey found a large amount of construction and hard fill debris had been pushed over the edge of the streambank
  - After working with the landowner, activity stopped
  - **Violation Abated**
- Town of Niles: Junkyard investigation
  - Landowner concerned about junkyard on neighbor's property
  - After investigation, junkyard is located well outside of the 100 linear feet from a protected tributary
  - **No Violation Found**

### September 22, 2008

- Refuse disposal of tires in Dutch Hollow Brook
  - Received a complaint that tires and debris had been thrown into Dutch Hollow Brook
  - Tires were placed many years ago as streambank stabilization and there was no debris
  - **No Violation Found**



# *Other Tasks Performed*

## Agriculture

**Agricultural Environmental Management** – The AEM program is a statewide agricultural program administered through each county's Soil and Water Conservation District. AEM uses a tiered approach that assesses farms on a voluntary basis. Each farm analysis looks at the environmental impacts of the farm and compliments good practices that are already in place. From the compiled plan, solutions to water quality issues can be determined and improvements can be made.

OLWIP worked with the Cayuga County SWCD on their AEM Program in the following ways:

- Completed the Owasco Lake Watershed Farm Location Map
- Worked with the AEM Advisory Committee on completing the Cayuga County AEM Strategic Plan
- Assisted with writing the Round XV Agricultural Non-Point Source Pollution Abatement and Control Grant Proposal
- Voting member of the AEM Advisory Committee and acting Secretary
- Helped organize and participated in the AEM breakfast to recognize six environmentally friendly farms within Cayuga County (April 12)



### **Formation of the Owasco Lake Watershed Agricultural Advisory Committee**

- Board of farmers within the Owasco Lake Watershed that are a liaison between the agricultural community and agencies. The Committee will help OLWIP and Cayuga County SWCD to address concerns and offer an agricultural producer's view on how to continue cooperation between all parties and continue to protect Owasco Lake and its watershed.
  - Met for first time on May 6
  - Held second meeting on August 12
- Completed list of over 120 farming operations in the Cayuga County portion of the watershed

## *Canada Goose Management at Emerson Park*

In past years, Emerson Park, a county-owned facility at the northern end of Owasco Lake, has been plagued with public beach closures due to high fecal coliform levels. Analysis of the bacteria found that a majority of the bacteria were from the resident Canada geese that live in proximity to the park. To combat these problems, several methods have been used over the last five years. During a two year period, trained border collies were used to deter the geese. Also, pyrotechnics have been used as another method.

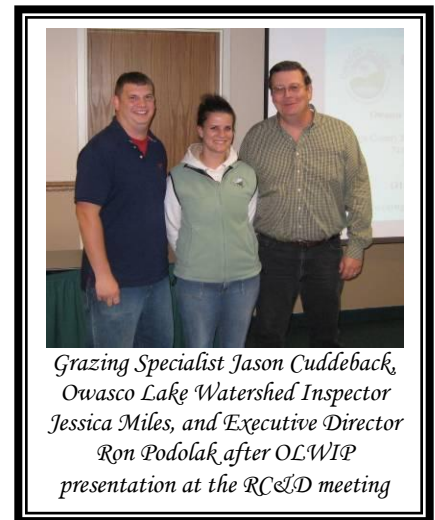
During the summer of 2008, OLWIP used pyrotechnics daily and recorded observations in an effort to compare previous methods or find other solutions. A formal report of OLWIP's findings and suggestions for the future of Canada goose management is currently being compiled and will be presented to the Director of the Cayuga County Parks and Trails.



## *Public Outreach*

### • **Speaking Engagements**

- Town of Fleming Board Meeting regarding Moratorium on developments (January 30)
- Boy Scouts on the importance and functions of wetlands (February 21)
- Westminster Presbyterian Church Group (April 24)
- OWLA Meeting about Inspection Program (May 7)
- Town of Fleming public hearing on Comprehensive Plan (May 12)
- Bass Pro Shops: presentation of the ecology of Owasco Lake and its watershed (May 25)
- BluePrint for our Region's Future through the Stardust Foundation (June 2)
- Central New York Regional Planning and Development Board (June 10)
- Owasco Lake Day held at Emerson Park (July 1)
- Indian Cove Homeowners Association (July 5)
- Lakefront Homeowners Association about Inspection Program (July 19)
- Lakefront Homeowners Association about AEM Program (August 16)
- Finger Lakes Ski Club (September 9)
- OWLA presentation on AEM Program (October 1)
- HONORS class at Cayuga Community College on Owasco Lake Watershed Stewardship (October 2)
- Central New York Resource Conservation and Development Board (October 28)
- Advisory Board for the BluePrint Group (November 3)
- Tompkins County Water Resources Council (December 15)



- **Articles**

- Letter for Town of Niles newsletter
- Monthly Eco-Talk articles for The Citizen (local newspaper)
  - January 21: “Edible Earth Parfaits” (activity for kids to help them understand aquifers and wells)
  - February 18: Phosphorus and its effects on water quality
  - March 17: Spring Cleaning for Watershed
  - April 21: Manure Essential to NYS Farms
  - May 19: Owasco Flats Floodplain
  - June 16: Owasco Flats Floodplain’s Biodiversity
  - July 14: AEM program
  - August 18: A Year in Review
  - September 15: Proper Disposal of Leaves and Grass Clippings
  - October 20: Giant Hogweed
  - November 17: Water Conservation
  - December 15: Septic System Maintenance
- “On the Spot” article for The Citizen: Question posed: What tangible results have you been able to attain since starting your job as Owasco Lake Watershed Inspector? (Appeared March 6)
- Two articles in The Citizen about Westminster presentation and Earth Day
- Articles about the formation of the Owasco Lake Watershed Agricultural Advisory Committee
- Article on the Owasco Lake Day
- “On the Spot” Article in The Citizen, Question Posed: The Village of Groton wastewater treatment plant has become a frequent target of complaints, but isn’t residential and farm runoff a far greater threat to Owasco Lake?” (Appeared August 12)



*Jessica Miles speaking with the  
Owasco Lakefront Homeowners Association*



- **Other Outreach Opportunities**

- Letter sent with septic system dye test reminder letters through the Cayuga County Environmental Health Department. Letters introduced the program and provided lake-friendly tips. Over 600 letters were sent to lakefront residents.
- Two television appearances on “Beyond the Front Page with Guy Cosentino” to discuss my position and how the program is progressing (February 19, November 18)
- Two interviews on WAUB 1590 AM – Finger Lakes Radio (April 7, August 5)
- Participated in the Town of Owasco Town-Wide Clean-up Day → helped residents to clean roadside ditches and streambanks of litter (May 3)
- Attended Cuddeback Farms Zone-Till Demonstration (April 30)
- Taught a station for SWCD’s Conservation Field Days (June 3,4 and September 24)
- Booth at Tomato Fest (September 6, 7)
- Booth and presentation at Market Cayuga 2008 (November 13)
- Meeting with Town Supervisors of towns that border Owasco Lake → initial meeting to improve communications with these leaders and share information and concerns (December 17)



*Waterfalls at Seward's Point*

## *Seasonal Watershed Inspectors*

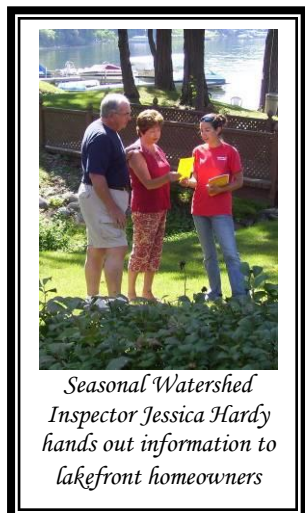
January – May: Worked on job duty statements and had positions approved through Civil Service. Completed job descriptions and work to be completed; advertised positions; conducted interviews of candidates

Two Seasonal Watershed Inspectors were funded through the Emerson Foundation for a 12 week period (June 23 – September 13). Between the three inspectors, a seven day a week schedule, including holidays, was covered



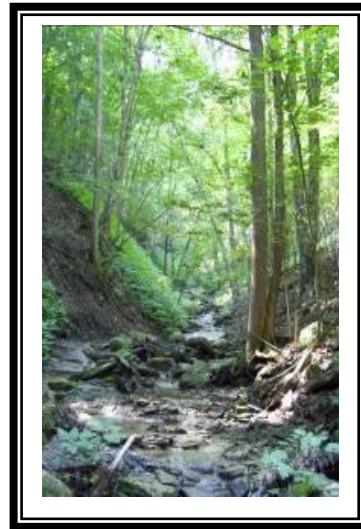
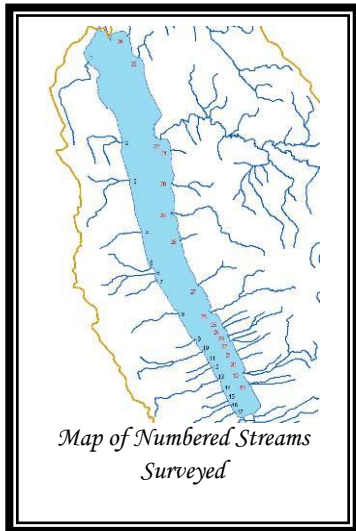
The main focus for the 2008 field season was to promote the OLVIP program in its first full year.

- Emphasis was placed on properties bordering the lake and firelanes. Information with water quality tips for homeowners were passed out.
- Worked at boat launches handing out information and answering questions
- Completed stream survey (see “Stream Survey” section)
- Performed Canada goose management daily at Emerson Park (see “Canada Goose Management at Emerson Park” section)
- Patrolled areas by vehicle, foot, and boat



## Stream Survey

Survey of the first 1,000 feet of all the feeder streams of Owasco Lake was completed. Surveys looked for dumping of garbage and lawn clippings/leaves, severe streambank erosion, or other water quality concerns.



## Stormwater

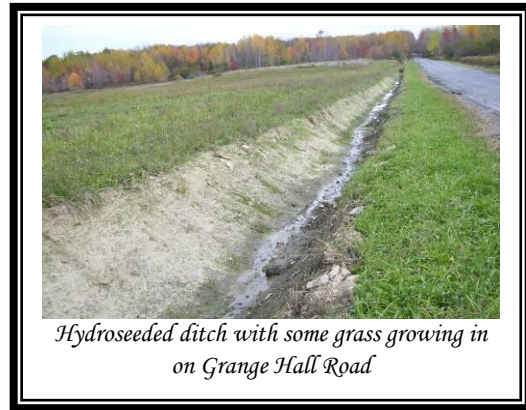
- Worked with CPESCs to review two active developments
  - 2 inspections in January
  - 1 inspection in September
  - Met with NYS DEC, Town of Owasco officials, and developers of both sites to discuss better attention paid to SWPPP and maintaining stormwater control devices



- NYS DEC Ecosystem Management Project
  - Worked with NYS DEC to have two logging sites in the Town of Niles stabilized to prevent runoff from reaching roadside ditch and running into unnamed tributary of the Owasco Inlet Sub-watershed
  - Small retention pond dug to treat stormwater on the property



- Grange Hall Road Hydroseeding Project
  - Worked with Cayuga County SWCD and Cayuga County Highway Department to have over two miles of ditches along Grange Hall Road in the Town of Niles seeded and mulched

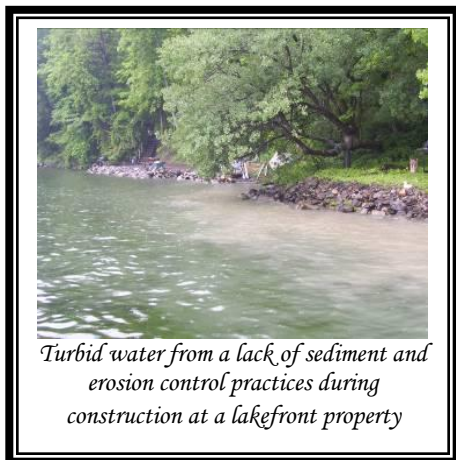


- **Residential Stormwater Issues**

- Town of Fleming: Lakefront home demolition and construction
  - Bare areas of soil between existing lawn and shoreline. A letter was composed asking to address issue. Silt fencing was placed up until lawn was established
- Town of Scipio: Lakefront home construction
  - Banks bare from house to lakeshore
  - Bank has been stabilized due to completion of the house
- Town of Owasco: Land clearing greater than one acre within 1,000 feet of lake
  - Worked with landowner to file NOI with NYS DEC and to implement sediment and erosion control practices on the property
  - Final stabilization and establishment of grass has been completed
- Town of Niles: Pull-behind camper placed on concrete pad within 1,000 feet of lakeshore
  - Worked with property owner to have exposed soil stabilized with seed and mulch
- Town of Scipio: Land clearing on lakefront property
  - Landowner has cleared property in anticipation of building a home
  - Worked several times with property owner to maintain sediment and erosion control practices and to stabilize until construction commenced.



- Town of Scipio: Lakefront home construction
  - Worked with landowner to place sediment and erosion control practices at site
- Town of Owasco: Basement re-model at lakefront home
  - Worked with contractor to fix sediment and erosion control practices
  - Property had sediment and erosion control standards as part of their building permit through the Town of Owasco
- Town of Moravia: Home construction within 1,000 feet of the Owasco Flats
  - Silt fencing placed around perimeter of exposed soil during construction and was removed when final grading and stabilization was completed
- Town of Scipio: Lakefront home construction
  - Met with contractor to discuss sediment and erosion controls in place
  - Had already constructed sediment settling pond at low spot on property



- Town of Scipio: Land clearing on property within 1,000 feet of lake
  - Clearing was less than 1 acre
  - Property owners cleared it for a view of the lake from the house.
  - Property owners plan to let vegetation naturally grow back in and brush hog a few times a year.
- Town of Niles: construction of structure close to lakeshore
  - Worked with Town of Niles Code Enforcement Officer → no plumbing/septic for structure
  - No ground disturbance, therefore no sediment and erosion concerns

### Stream Work

- Worked with Cayuga County SWCD staff on stabilizing bank on Cream Hollow Road, Town of Niles (January)
- Working with Cayuga County SWCD technician on streambank stabilization options for the following sites:
  - Casowasco
  - Long Point
  - Firelane 10 (W)

- Worked with landowner concerned about past flooding on property due to illegal removal of a beaver dam

### Miscellaneous

#### **Fuel Storage and Containment**

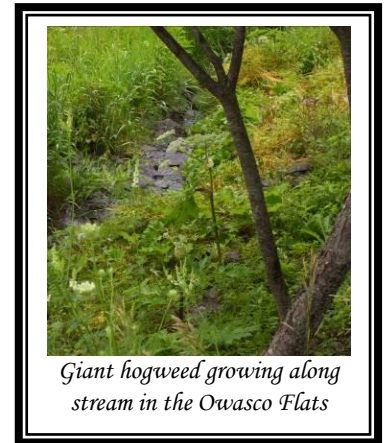
- 2 residential fuel tanks located near stream and lake
  - Working with landowners to move fuel tanks away from the watercourses
  - Suggesting the use of secondary containment vessels

#### **Giant Hogweed**

- Giant hogweed found growing in the Owasco Flats
  - Worked with Cayuga County SWCD and NYS DOT to eradicate

#### **Removal of Animal Carcasses**

- Cayuga County SWCD crew removed deer carcass from lake at Indian Cove (March 19)
- Dead Deer → Route 38, Town of Locke (March 20)
- Dead Deer → Heifer Road, Town of Skaneateles (April 9)



*Giant hogweed growing along stream in the Owasco Flats*

#### **Tompkins County Inspection Work**

For the past year, OLWIP and the Cayuga County Environmental Health Department have been working with the Tompkins County Environmental Health Department to incorporate the OLWIP in the Owasco Lake Watershed portion of Tompkins County. There were several discussions of the Rules and Regulations of the watershed and how they will be implemented. A presentation was made to the Tompkins County Water Resources Council and a presentation will be made to the Tompkins County Board of Health in January, 2009. After this meeting, an education program will be designed, at the request of the Tompkins County Environmental Health Department, for the townships that will be impacted by the OLWIP.

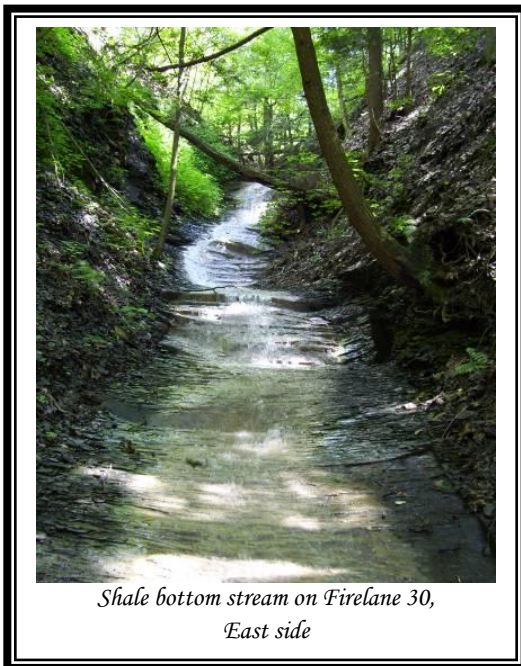
- Investigation of lakefront property doing work along shoreline in the Town of Owasco
  - Worked with NYS DEC and ACOE and determined that fill had been placed below the mean high water mark
  - Both agencies enforced that the fill be removed



- Investigation of fill being placed along the lakeshore in the Town of Fleming
  - Spoke with contractor at site → said property owner told him that if material was natural, it could be placed.
  - Spoke with NYS DEC → agreed that if material was natural, it could be placed below mean high water mark
  - No violation was found and the project was completed
- Worked at the Cayuga County Electronics Recycling Event (May 17)
- Graphic logo for the Owasco Lake Watershed Inspection Program completed



### Training & Workshops



- Water Quality Symposium (March 11 – 14)
- Septic System Training through the Cayuga County Environmental Health Department (April 1 – 2)
- FL-LOWPA Conference (May 16)
- Conservation Skills Workshops (October 6-10)
- Agriculture in the Media Training (October 14)
- Finger Lakes Land Use Workshop (October 30)
- FL-LOWPA 2008 Watershed Workshops (November 7)

# *Maps*

## Owasco Lake Watershed

