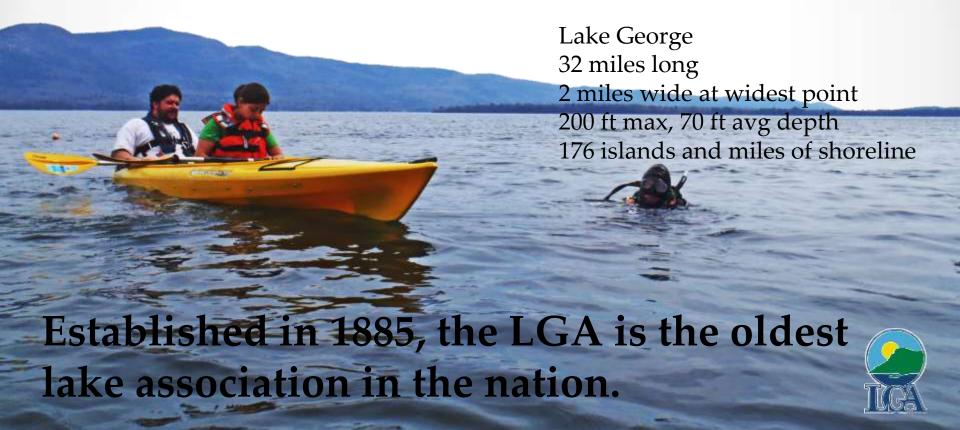


Our balanced approach to lake management has ensured the Lake's exceptional water quality, as well as the environmental and economic viability of the watershed over the past 129 years.



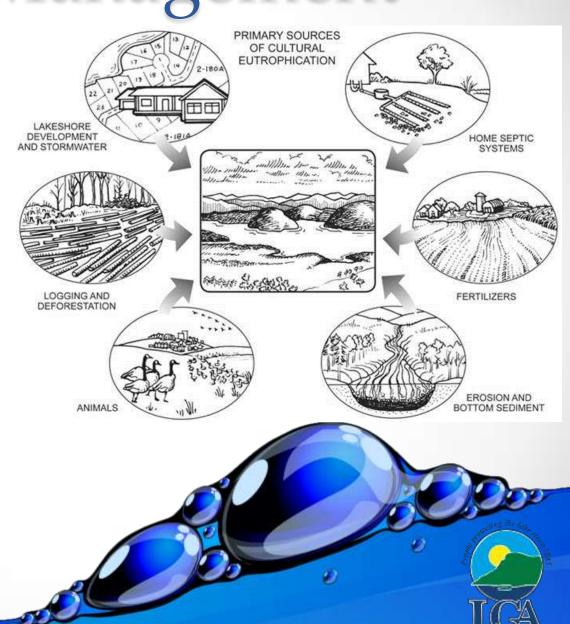
We educate residents and visitors of all ages, reach out into our local communities about lake-friendly living, and complete lake-saving projects with our partners to remediate existing water quality problems.



Land Management

Good land management protects a lake from:

- Phosphorus enrichment—or "eutrophication"
- Sedimentation
- Damage to fish and wildlife
- Shoreline erosion

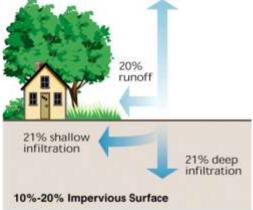






infiltration

35%-50% Impervious Surface





30% evapotranspiration

10% shallow infiltration 5% deep infiltration

75%-100% Impervious Surface



Runoff carrying sediments down English Brook formed this delta. When the stream reaches the lake the water slows, and the sediment settles out in the lake at the mouth of the stream.

Our Approach

- Education & outreach to homeowners
 - key to gaining voluntary participation in lakefriendly development
- Provide technical assistance
 - work with local municipalities and contractors to improve projects and minimize their effect on water quality
- Provide municipalities information
 - educate the local government board members about water quality to help them make good decisions for the future of their communities
- Work with municipalities around the Lake to advocate best practices for zoning, planning, and responsible growth
 - local municipalities and/or the Adirondack Park Agency (APA) regulate land density, tree and vegetation removal, and setback regulations for shorelines, streams and wetlands within the watershed.
 - Lake George Park Commission (LGPC)
 oversees stormwater regulations.









Minimize Runoff

Runoff picks up pollutants and carries them to the Lake. Minimize the hard surfaces that create runoff.



Eliminate Pollutants

Eliminate pollutants at their source. Avoid using fertilizers, household toxins, and other chemicals. Prevent soil erosion and failing septic systems.



Capture and Infiltrate

Capture and infiltrate any pollutant-carrying runoff that you didn't eliminate before it reaches the Lake - with shoreline buffers, rain barrels, and rain gardens.





- 2. Limit Lawn Size
- 3. Use Water Wisely





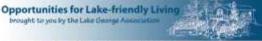


Eliminate Pollutants

- 4. Minimize Erosion
- 5. Be Smart About Lawn Care
- 6. Use Phosphorus-Free Fertilizer
- 7. Maintain Your Septic System
- 8. Don't Flush Your Drugs
- Maintain Your Vehicles
- 10. Conserve Water
- 11. Reduce Household Hazardous Wastes







Septic System Maintenance

As a homoowner you are responsible for maintining your onsite wastewater treatment system (DWTS) - or westic system. This not only protects nearby surface and groundwaters from being contaminated, but also protects your health and your investment in your home.

Typical pollutants found in household westerweter include nitrogen, phosphorus, and disease-causing bacteria and virgues. A removely designed constructed and maintained system can provide long-term, effective treatment of household wastewater. If not properly maintained, a failing system can cost thousands of dollars to replace.

Keep an eye out for signs of a failed system:

- positing water or muddy soil around the tank or drainfield or in your besement.
- bad smell coming from area of tank
- toilet or sink backs up with you flush or do laundry bright green grass over the drainfield

Due to unsuitable soils, high bedrock or groundwater, or small lot size - you may have a hard time making a traitional septic rystem work on your property.

A typical septic system

has 4 main parts:

technologies to improve treatment processes - many of which

need less space to function. Such systems use sand, peat, or plastic media instead of soil to treat the mastewater. Contact our office at 518-668-3558 to learn more about these alternative systems

Protect Lake George

No matter whether you are on a municipal sewer system or have your own septic system, wastewater from your home can impact Lake George if not properly treated.

Please follow these tips to help protect the Lake and make sure that your septic or sewer system continues to work properly.



Use water efficiently. The less water that goes through the safety - the less was store if and the larger it will last?

Flush only human waste & toilet paper

coffee grounds

grease & fats

Never Flush or Put Down your Drain:

Cloggers

- · flushable wipes
- + diapers
- · sanitary products
- · cooking oils dental floss cigarette butts
- · paper towels

Even if you have a garbage disposal these materials can dispopes to both viewers & septics - diamaging these systems and possibly causing sias sewage to everflow - polluting groundwater and the Lake.



- · household chemicals & cleaners
- +medications & beauty products
- · paints, stains, & solvents
- · gasoline & oil
- farm care products.

Historyaloy treatment systems are not dissipant to treathacardous chemicals - which can diminish the effectiveness of the systems and pollute groundwater and the Lai

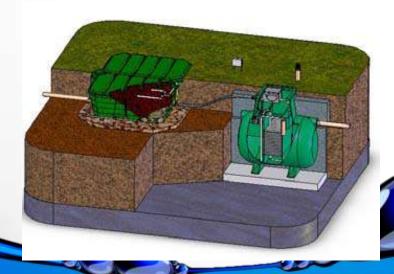
Alternative Systems

Due to unsuitable soils, high bedrock or groundwater, or small lot size you may have a hard time making a traditional septic system work on your property.

There are alternative systems now available that use new technologies to improve treatment processes, many of which need less space to



function. Such systems use sand, peat or plastic media instead of soil to treat the wastewater. Many of these systems are already being used on Lake George. Contact our office to learn more about these alternative systems. Photo at left is a Puraflo system that uses peat moss as a filter.





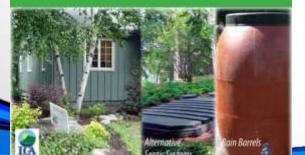
Capture and Infiltrate

- 12. Install a Vegetative Buffer
- 13. Plant a Rain Garden
- 14. Go Native



Lake-friendly Living OPEN HOUSE

Lake George Association 2392 State Rt. 9V. Lake George 518 660 3558







A naturally landscaped yard adds value to your property and can also benefit Lake George's water quality and overall health.

What is a vegetative buffer?

A vegetative buffer, or buffer zone, is a strip of natural vegetation along the shoreline of a lake or waterbody.

Ideally, the vegetation should cover at least 50-75% of the property's lake frontage.

By restoring the shoreline with native plants, you restore the ecological functions of the lakeshore. The benefits of buffers include:

- Food and shelter for local wildlife,
- Stabilized soil and reduced erosion,
- Filtration of pollutants and sediments,
- · Absorption of nutrients,
- Deterrence of nuisance species,
- Privacy from lake users,
- Save time and money in maintenance.

Got geese?

Canada geese love short, tender grass and avoid tall grass where predators can hide. A shoreline buffer will send the geese packing.





Vegetated Buffer Strips

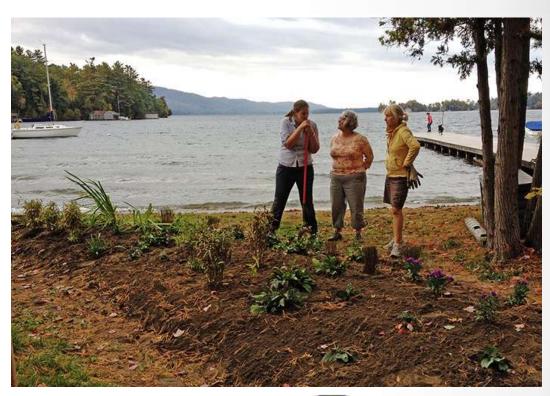






Buffer















October 2012







August 2013 Project partners: LCLGRPB, Silver Bay YMCA

NATIVE PLANT RAIN GARDEN A HEALTHY LAKE DEMONSTRATION PROJECT

A rain garden is a vegetated depression that collects rainwater. This allows the rain that falls on rooftops, driveways, and paties to infiltrate into the ground instead of becoming stormwater runoff. Stormwater runoff from developed areas is the greatest threat to the water quality of



- Help seep water dean by Altering stommwater runoff before it erners local waterways.
 Help affectate problems with fooding and drainage.
 Enhance the boouty of yards and coroniunities.
 Provide habitat and food for widdlife like birth and butterflies.
 Reduce the reset for discersive stommwater treatment structures in your community.



This rain garden was installed with New York native plants including Blue Flag iris. Whit Columbine, New England Asier and many others



he first step is siting and string your rain gards mer's foundation and flat or gently sloping.

GA start can help you site and size a row guiden for your own property hased on you secric site conditions. Just give the office a call in 518 668 3556.

Planting the Garden:

dry conditions. Plants notive to New York are best for a rain garden, They are hardy schaptative, and have deep note to help

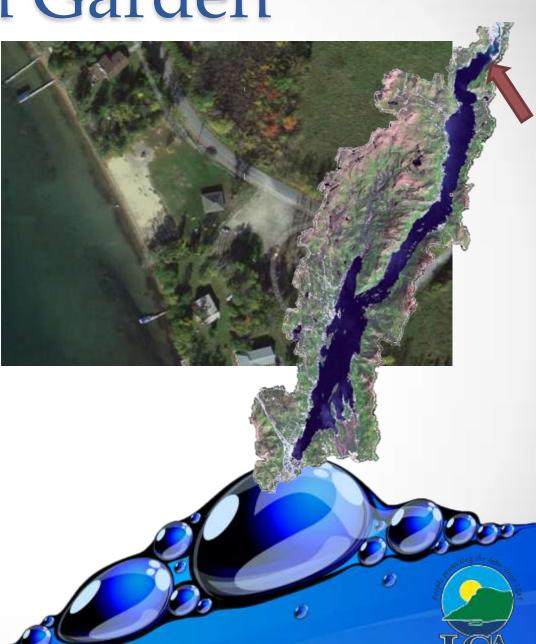
time as well, Romember, a rain garden can both functional and prettyl



Rain Garden









May 7

June 12

Project Partners: ECSWCD, Town of Ti, Adirondack Landscaping, Keller Williams Realty Aug 27



Sunset Lane Dry Wells

- September 2013
- Two 8' dia. dry wells in a small 3,200 sq ft watershed. Each holds approx 1,500 gallons
- Project partners: WCSWCD, Town of Qbry

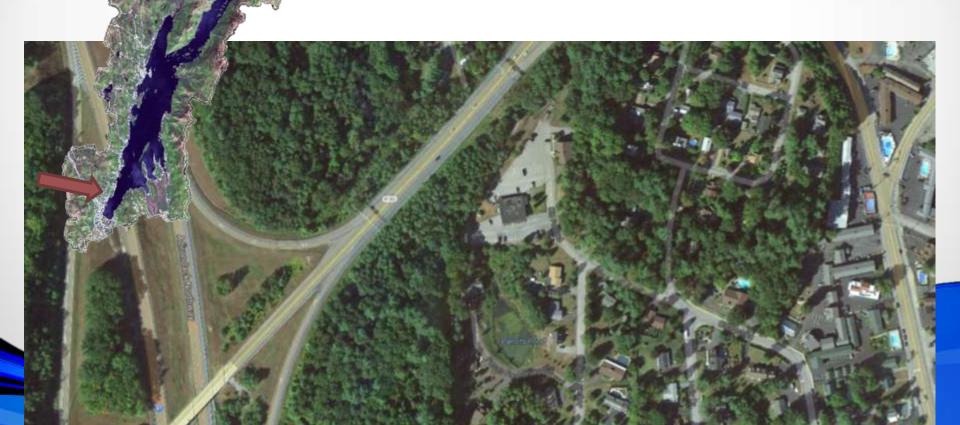




On September 17th-19th the Town of Queensbury Highway Department installed two 8 ft diameter dry wells on Sunset Lane to capture runoff from a small 3,200 square foot watershed on the southeast side of the lake and allow it to infiltrate into the ground rather than run directly to Lake George. After they were installed, the dry wells were surrounded with washed stone to add additional storage capacity and then covered with filter fabric and paved over. Once the project was complete and the road was paved - the stormwater structures may be out of sight - but



LG Town Hall Stormwater Retrofits







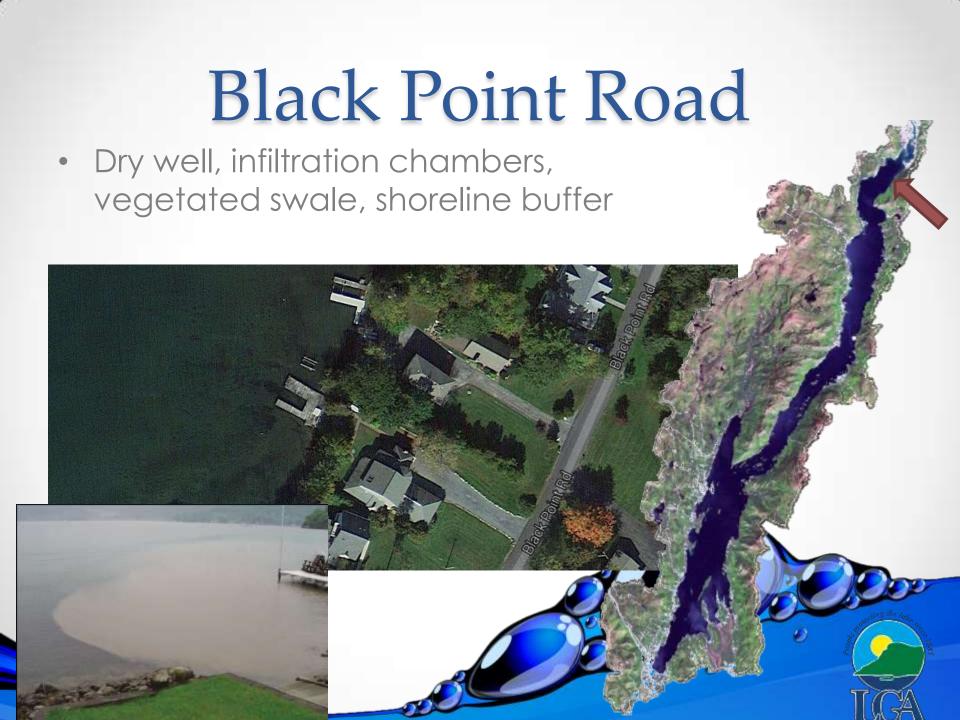




June 2012
Phase 1: drywells
Phase 2: native plants
Project partners:
WCSWCD, Town of











Black Point Road





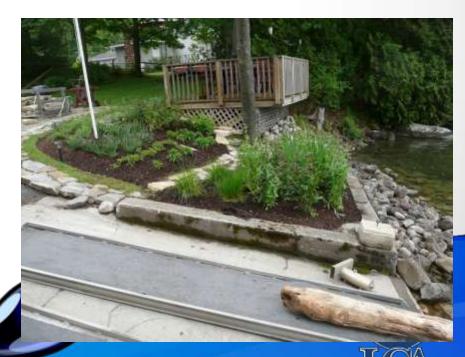












Usher Park



Fall 2013 – Phase 1

