

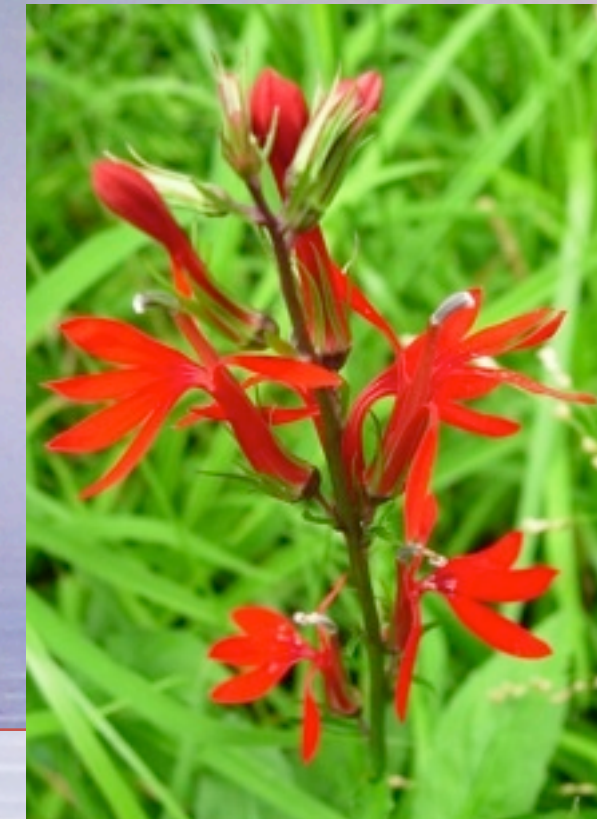
Owners Bob and Beth Tully invite you to view their stormwater management retrofit

Stormwater Management Retrofit Demonstration Project

How Property Owners Can Manage Stormwater Runoff

A stormwater management retrofit improves water quality using rain gardens, vegetated swales, bioretention and pervious pavement on developed land.

- Trench cut into driveway to divert stormwater from upper parking area into rain garden



All water that falls onto a property should be managed ON-SITE and close to its source

Why rain gardens? Bioretention areas, or rain gardens, are landscaped features which provide on-site treatment of stormwater runoff. Runoff is directed into shallow landscaped depressions (in this project via the diverter trench), which are planted with native perennials and shrubs. Deep rooted vegetation uptakes nutrients and prevents them from reaching lakes and waterbodies.

- Main rain garden was created to infiltrate and treat stormwater from the upper driveway
- Soils were amended and mulch was used to retain moisture and reduce weed growth
- Rain garden is approximately 400 sf and 16 inches in depth, sized to manage stormwater from the impervious surface of the upper driveway
 - ❖ Deep rooted native woody shrubs: winterberry, elderberry, chokeberry, witch hazel, red osier dogwood, Joe pye weed, high bush blueberries and summersweet
 - ❖ Native perennials: black eyed Susan, bee balm, red cardinalis, phlox and dwarf goldenrod



- Upper rain garden was created to infiltrate and treat stormwater from the house roof
- Soils were amended and mulch was used to retain moisture and reduce weed growth
- Existing vegetation to the west of the rain garden enhances infiltration and treatment of stormwater

❖ Deep rooted native woody shrubs: chokeberry, Joe pye weed and red osier dogwood



- Infiltration along driveway's edge manages stormwater from the steep lower driveway
- Vegetation around lamp post stabilizes the soil and treats stormwater by utilizing nutrients that would otherwise flow into Lake George
 - ❖ Native perennials: northern sea oats



Planted by: Assembly Point residents to showcase a Stormwater Management Retrofit Demonstration Project August 2013

Design and native plants supplied by: Oligny's Country Gardens, Gansevoort, NY; 518-376-1458

Garden maintenance: Triple EEEnterprises, Skippy Hill, Lake Friendly Landscaping; 518-307-3548

For more information: 518-656-9794