

Green Infrastructure Bus Tour

Here, Now in Albany County—Sustainable, Green Infrastructure, Take A Look!

A Free Workshop for Members of the Stormwater Coalition of Albany County and Others

Tour Highlights

- **Rain Garden, Cook Park, Village of Colonie**

Susan Pezzolla, Master Gardeners, Albany County CCE
Susan Lewis, Albany County Soil and Water Conservation District

- **Stream Restoration, City of Albany Landfill**

Joe Giebelhaus, City of Albany Solid Waste Manager
Neil Gifford, Albany Pine Bush Preserve Commission, Dir. Conservation

- **Porous Asphalt, Public and Private Roads
Antoinette Estates, Town of Colonie**

John Dzialo, Town of Colonie, Stormwater Program Coordinator
Dan Hershberg, PE, Hershberg and Hershberg
Anthony Guidarelli, Guidarelli Construction, Inc.

- **Green Roof, Liberty Terrace dorms
University at Albany-SUNY (Uptown)**

Diana Delp, RA, Project Manager, University at Albany-SUNY

DATE

Tuesday
September 24, 2013
Rain or shine

TIME

11:30am Registration & Lunch
12:00pm to 5:00pm Tour
Tour starts and ends at Cook Park.

REGISTRATION

Cook Park, Village of Colonie
Pavilion, Shambrook Pkwy

See back for directions and
other tour information.

Local Gov't PB/ZBA Training Credits!

Funded By NYSDEC

Environmental Protection Fund
Stormwater Implementation Grant (Round 10)

REGISTRATION INFO: Registration is FREE, but space is limited. First come, first served. Preference given to municipal, County, and University at Albany staff; elected/appointed officials; and/or consulting engineers responsible for encouraging and building green infrastructure projects within their community. Courtesy of CDRPC, municipal Planning and Zoning Board officials will receive 5 hours of NYSDOS training credit. Space permitting, non-Coalition members are welcome. Please submit your registration by September 12. If space is available, you will be contacted by September 20.

REGISTRATION FORM: Fill Out and Return by September 12, 2013!

Name: _____

Organization Affiliation and Job/Role Title: (Municipality, Company, Agency, Non-Profit, Other)

Address: _____

E-Mail: _____ Phone: _____

Mail, e-mail, or FAX registration to:

Stormwater Coalition of Albany County; 112 State Street; Room 720; Albany, NY 12207

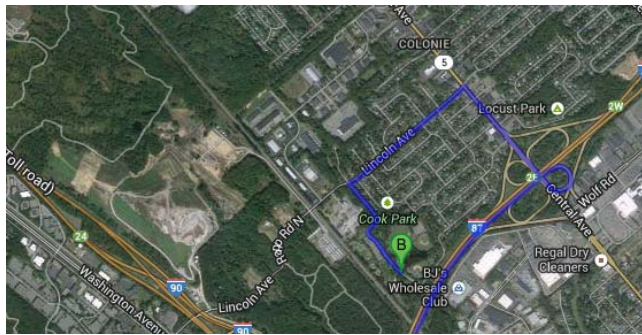
E-MAIL: swcoalition@albanycounty.com **FAX:** 518-447-5662 **WEBSITE:** www.albanycountystormwater.org

Stormwater Coalition of Albany County Albany County; City of Albany; University at Albany-SUNY; Town of Bethlehem;
City of Cohoes; Town of Colonie; Village of Colonie; Village of Green Island; Town of Guilderland, Village of Menands;
Town of New Scotland; Village of Voorheesville; City of Watervliet



Green Infrastructure Bus Tour Info

DIRECTIONS to Cook Park Pavilion, Village of Colonie:



Turn off Central Ave onto Lincoln Ave, located 0.4 miles west of I-87 interchange, then proceed down Lincoln Ave, 0.6 miles to the main entrance of Cook Park. Take left on Shambrook Parkway into Cook Park. Proceed to the end of the Parkway. The Pavilion is on the right and parking is nearby. See "B" on aerial image.

WHAT TO BRING:

- 1) Rain gear and comfortable shoes
- 2) Cameras
- 3) Notepaper and pen
- 4) Lots of questions!

REGISTRATION STARTS PROMPTLY at 11:30 am.

LUNCH will be provided.

(If special dietary needs, contact Mike Lyons, lyonsm@colonie.org)

Arrive on time, so that you can eat lunch, relax and enjoy the tour which starts at 12:00 pm!

Buses will leave at ~12:15 pm.

BACKGROUND INFORMATION

The Stormwater Coalition of Albany County includes 13 dues paying public entities (municipalities, others) responsible for implementing a Clean Water Act Permit which regulates the discharge of stormwater runoff from separated storm sewer systems. In 2009, the Coalition received a New York State Department of Environmental Conservation grant to educate local land use decision makers about green infrastructure. The grant included funding a tour of local practices, to include a stream restoration site.

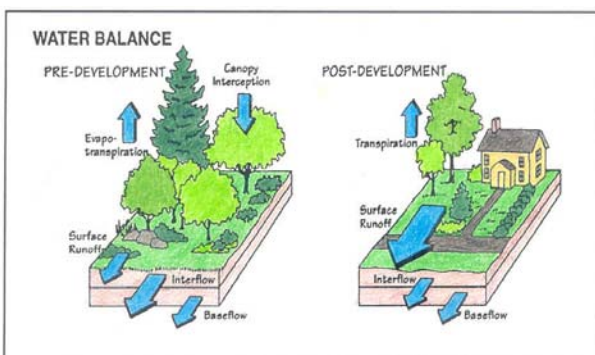
Since receiving the grant, in August, 2010, NYSDEC updated the Stormwater Management Design Manual, which for owner operators receiving Construction Permit coverage, means that projects of a certain size and type need to include green infrastructure practices. The Manual lists a variety of practices to consider, with many of these practices included in this tour. Locally, green infrastructure is also a component of the Albany Pool Combined Sewer Overflow Long Term Control Plan, another Clean Water Act permit, and the Capital Region Sustainability Plan supports the use of green infrastructure.

Why green infrastructure? Before development, forests and open space absorbed rainwater. Today, rain falls on buildings, streets, sidewalks, and other hard surfaces and runs off into rivers and streams. Stormwater runoff causes erosion, carries pollution and sediment to rivers, decreases groundwater recharge, and increases stream temperatures. Using green infrastructure to manage stormwater is an alternative to the traditional piped approach.

Green infrastructure strategies include onsite collection and conveyance of stormwater runoff from roofs, parking lots, and streets so that rain infiltrates into the ground or collects for re-use. It also includes the use of vegetated natural systems to slow down and filter the water. These same vegetative systems enhance the interception and evaporation of rainfall through leaves, helping to reduce the volume of runoff and amount and type of pollutants entering our waterways.

While the technology is straight forward, the application is new to many. Therefore, the early adopters included on this tour have much to teach us. **Sign up today!** The Stormwater Coalition of Albany County looks forward to your participation!

Runoff, Vegetation, & Development



A Green Infrastructure Future

- 1) **Let vegetation do the work of**
 - trapping sediment (roots)
 - trapping pollutants (roots)
 - blocking rainfall (leaves)
 - pulling water up and out of the soil (stems and leaves)
- 2) **Contain rainfall on site**
 - let it percolate into the soil
 - store for reuse (ex. cisterns)

MORE GREEN INFRASTRUCTURE

LESS STORMWATER RUNOFF

LESS WATER POLLUTION

CLEAN WATER FOR EVERYONE!