

Green Infrastructure
in the Village of Tarrytown



Pierson Park and Andre Brook Restoration



What is **GREEN INFRASTRUCTURE**?

Why is it so important?

Green Infrastructure is the management of Stormwater through natural features to capture, treat and release stormwater. These methods help to restore and preserve natural hydrology and landscape.

Traditionally rain water runs to catch basins and rapidly flushes to waterbodies, picking up pollutants such as oil and grease on the roads, sediment, salt, fertilizers, etc, and can cause major erosion in stream banks. Green Infrastructure practices capture stormwater, filter out pollutants and return water at a slower rate.

Green Infrastructure in the Village of Tarrytown is used in the *Scenic Hudson Riverwalk Park* and *Pierson Park*. Both areas are open to the public.

Pierson Park and Andre Brook Restoration



Tarrytown and you, “A New Pierson Park”

<https://www.youtube.com/watch?v=5fgxD8nH0qU>

Tarrytown Andre Brook and Pierson Park Dedication
September 9, 2014

https://www.youtube.com/watch?v=N3-7h51_INo

Pierson Park is a public park located off West Main Street in the Village of Tarrytown, offering a water park, basketball and tennis courts, commuter parking, and access to the Scenic Hudson Riverwalk Park.

Restoration included the addition of Green Infrastructure systems which helped to:

- Restore the natural hydrology and ecological function of Andre Brook.
- Establish natural vegetative features, providing wildlife habitat.
- Capture and treat storm water from the surrounding parking lots to filter out oil, grease, and other pollutants before release into the Andre Brook (then Hudson River). Previously stormwater from parking areas dumped directly into the Andre Brook.
- Capture and release stormwater and a slower pace to prevent erosion along the Andre Brook and Hudson River.

**Practices include vegetative swales and bioretention practices.
See attached maps for practice locations.**

PIERSON PARK AND ANDRE BROOK RESTORATION
GREEN INFRASTRUCTURE PHOTOS:

Mitered Drain



Bioretention



Parking Lot
flow to
Green
Infrastructure,
then
Andre Brook



Vegetated Swale



Scenic Hudson Riverwalk Park



Scenic Hudson is a public walking eco-corridor ‘greenway’ extending along the Hudson River from Yonkers to the border of Putnam County. The portion in Tarrytown is accessible off West Main Street.

Previously an industrial site, redevelopment has included stabilization of the Hudson River shoreline and installing green infrastructure practices to establish native landscaping and plantings to naturally hold back and manage stormwater.

Stormwater at Scenic Hudson Riverwalk Park is managed through a series of bioretention systems (and other natural features) and infiltrated and/or released to the Hudson River. The construction of the bioretention systems has also created a natural vegetative environment, which provides wildlife habitat.

See attached maps for practice locations.



SCENIC HUDSON RIVERWALK PARK
GREEN INFRASTRUCTURE PHOTOS:



Mitered Drains

Bioretention



GREEN INFRASTRUCTURE MAPPING:

