



FACT SHEET Leavenworth/Barker Park

Project Description: The green improvements to Leavenworth/Barker Parks capture stormwater runoff from numerous adjacent streets and allow it to infiltrate through several different green infrastructure features. Stormwater will be captured from Matty Avenue, Park Avenue, Barker Avenue, Wilkinson Street, and Tracy Street as part of this project. Around the perimeter of Leavenworth Park, vegetated swales atop stone infiltration beds capture roadway runoff and allow it to infiltrate directly into the groundwater below. These swales are planted with two groundcover species and a native wetland grass species that can tolerate both wet and dry soil conditions.

At the adjacent Barker Park, a rain garden was installed between Tracy and Wilkinson streets. The rain garden was planted with a mixture of native shrubs, flowering perennials, and grass species that will foster evapotranspiration and infiltration, preventing runoff from entering the combined sewer system.

The final feature of Barker Park was a new basketball court that is paved with porous asphalt, allowing stormwater to infiltrate directly through the surface. This reduces runoff and prevents puddles on the court after a rain storm. This basketball court was installed in cooperation with Courts4Kids, an initiative of the Jim and Juli Boeheim Foundation and the Carmelo K. Anthony Foundation.

The green infrastructure components at Leavenworth Barker Park is designed to capture up to 1" of rainfall at a given time, reducing annual stormwater runoff by approximately 1,574,000 gallons.

Project:	Leavenworth/Barker Park
Project Owner:	City of Syracuse Parks Dept.
Project Location:	301 Park Ave and Matty Ave
Sewershed:	Clinton
GI Technology:	Bioswale, Bioretention, Porous Pavement
Capture Area:	24,000 sq. ft.
Runoff Reduction:	1,574,000 gal/yr
Year Completed:	2012
Construction Cost:	\$574,500
Bid Date:	6/27/12
Prime Contractor:	John R. Dudley Construction



Courts 4 Kids and Save the Rain Logos on Porous Basketball Court at Barker Park



Aerial View of Leavenworth/Barker Parks (Oct. 2012)