



“Bridging the gap between engineering and ecology”

Project Title: RAREDON RUN STREAM RESTORATION		
Location: Independence Township, Beaver County, PA	Year Completed	
	Project Start Date	Project Completion Date
	April, 2009	
PROJECT OWNER INFORMATION		
Project Owner:	Point of Contact Name:	Phone Number:
Independence Conservancy	Victoria Michaels	724-973-4499

Following Hurricane Ivan in 2004, Independence Township, Beaver County, sought Independence Conservancy's help for flood-ravaged Raredon Run. Previous efforts by other groups had not succeeded in stabilizing the bed and banks of this tributary to Raccoon Creek, whose headwaters in Allegheny County have seen major commercial development over the past several years. During storms, increased runoff undercuts and spills over onto state and local roads, erodes farmland and residential property, and threatens homes and businesses.

Independence Conservancy sought the expertise of Wallace & Pancher, Inc. to propose a design-build project to PA DEP's Growing Greener Grants Program. Funded in 2008 and permitted in 2010, construction of the Raredon Run Stream Restoration Project will begin in the summer of 2011. Wallace & Pancher Construction Inc. will build about 1,600 linear feet of new stream channel by relocating the creek from its severely stressed current alignment into a new, multi-staged channel which will accommodate a range of streamflow conditions, allowing Raredon Run to dissipate flow energy and limit degradation. WPI's design applies newly developed structures and principles of Natural Channel Design.

Vicky Michaels, Executive Director of Independence Conservancy, praised John Burglund, Josh Noble and the WPI staff for their patience, ingenuity, and willingness to stick with the Raredon Run project over years of vanishing state funding and regulatory agency transitions. "Seven years after we were first asked to help the folks along Raredon Run, we're finally approaching construction. Other groups' attempts to tame this tiger haven't held up very well, so the pressure is really on Wallace & Pancher, and Independence Conservancy, to get it right and give these people some peace of mind."

