

## **PERT BMP Update**

J. Featherstone

Temple University Center for Sustainable Communities

In the late summer of 2006, the T-VSSI team completed the design and construction of five BMPs at the PERT. Funding for this work was provided by the PA DEP. The five BMPs include combinations of riparian buffers, infiltration trenches, wet ponds, constructed wetlands, and an infiltration gallery underneath a new parking lot at the PERT headquarters. The construction activities were completed in September of 2006. A Temple horticultural team completed the planting of native vegetation in October 2006, with additional planting and site work in the spring of 2007. With the exception of the infiltration gallery under the PERT parking lot, the remaining BMPs have yet to mature and serve as effective stormwater control measures. With the onset of the spring growing season in 2007, the vegetation forming and surrounding the BMPs has grown and now will be capable of providing stormwater benefits.