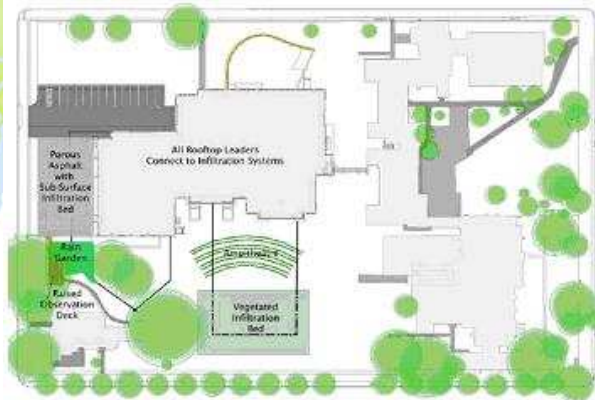


Penn Alexander School

Stormwater BMP Project

Multiple Watersheds



Contact: Amy Leib
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Status: Monitoring

Partners:

Pennsylvania Department of Environmental Protection (PADEP)
University of Pennsylvania (UPENN)

Philadelphia School District (PSD)

Penn Alexander School...

The University of Pennsylvania and the School District of Philadelphia, working in partnership with the Philadelphia Water Department Office of Watersheds, implemented an innovative storm water management project on the site of Alexander Elementary School in West Philadelphia. The school site posed significant challenges in terms of stormwater retention and soil erosion and offered significant opportunities to provide environmental education and environmental diversity to the community. Major components of the project include rooftop collection, an underground infiltration bed, porous pavement play yard, and a rain garden.



Benefits:

- Reduces the flow of storm water into the combined sewer system through on-site infiltration, thus reducing overflows to the river.
- Reduces non-point source pollution from storm water runoff through volume reduction and vegetative treatment.
- Provides significant opportunities for on-site environmental education for school children.



Clean Water.....
Green City
www.phillyriverinfo.org

