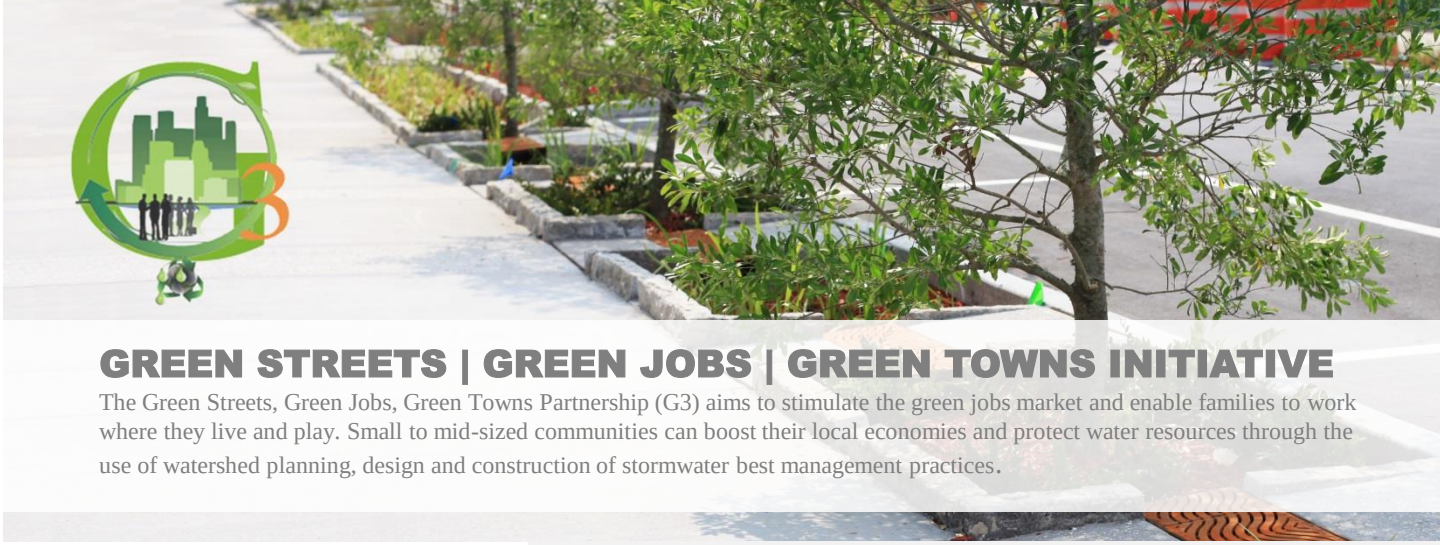
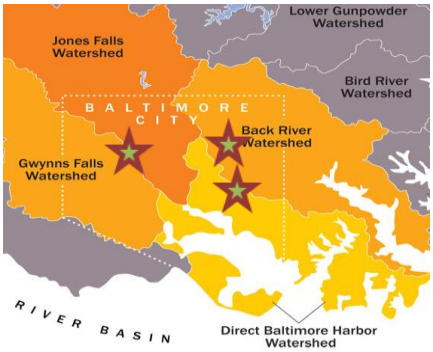


GREEN STREETS | GREEN JOBS | GREEN TOWNS INITIATIVE

The Green Streets, Green Jobs, Green Towns Partnership (G3) aims to stimulate the green jobs market and enable families to work where they live and play. Small to mid-sized communities can boost their local economies and protect water resources through the use of watershed planning, design and construction of stormwater best management practices.



Estimated Project Metrics

- Improve 150 homes with future energy conservation, reduced storm water runoff, and beautify neighborhood streets
- 160 trees planted, Improve 40 existing tree pits
- 8,000+ ft^2 of impervious surface removed
- Supports 5 green job positions and 2 workforce development positions

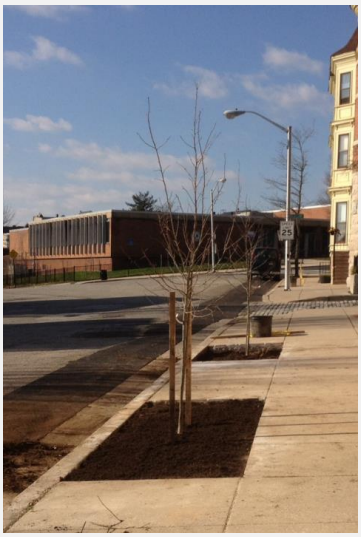
Blue Water Baltimore Deep Blue Initiative

Blue Water Baltimore is will target 3 specific neighborhoods in our Deep Blue Program; Mondawmin, Baltimore Highlands, and Oliver; that could benefit greatly from reduced urban heat island effect and polluted runoff.

Blue Water Baltimore's mission is to achieve clean water in the Baltimore watersheds through community based restoration, advocacy, and education. Much of their work is focused around cleaning up communities, planting trees, and other greening practices. In 2014, BWB received 3 year grant from Baltimore City to improve the urban tree canopy where it is needed the most by planting over 270 street trees annually.

Deep Blue is a community-based approach to planning, with a focus on restoring environmental health through green infrastructure in five targeted neighborhoods. These neighborhoods are Cherry Hill, Mondawmin, Baltimore Highlands, Oliver, and Belair-Edison. Deep Blue is an exciting and innovative partnership between Blue Water Baltimore, the Neighborhood Design Center, and the City of Baltimore. Community residents and neighborhood leaders play a key role in prioritizing projects and needs.

The 3 neighborhoods targeted in this project all have an existing tree canopy that is less then 17%. The installation of new trees will eliminate roughly 8,000 sq. ft. of impervious surface, while the expansion of existing tree pits will improve the long-term health and runoff control provided by the tree canopy already in place.



PROJECT ELEMENTS

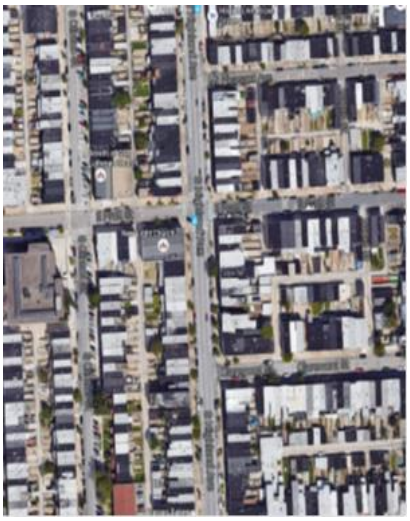
- **Impervious pavement removal** – Rain hits impervious surfaces such as parking lots and roads, and because it cannot soak through, it instead runs off into storm drains or directly local waterways. Installing 160 new tree pits and expanding 40 existing pits will permanently remove at least 8,000 square feet of impervious concrete.
- **Native Trees**– In urban areas a single tree can intercept anywhere from 500 to 4,000 gallons per year. Trees not only treat stormwater, they provide a host of other benefits, including energy cost reduction in both summer (shade) and winter (proper placement can result in the reduction of energy use by 20-50%), aesthetics, property value enhancement, business traffic enhancement, and health benefits.
- **Community engagement:** All 3 of these neighborhoods are part of Deep Blue and will be providing neighborhood priorities, from these neighborhood priorities adding trees will be one outcome for us to focus on.
- **Green Jobs and Engagement of local community** – All employes will be employed through the funds provided by the Chesapeake Bay Trust. We have 3 minority employees, 2 veterans and one woman making up a team of 5. We will also use Americorps NCCC program members at times to help plant trees and gain experience with urban forestry. BWB is working at the block level within neighborhoods to increase cost efficiency. The project will be completed through direct implementation which saves costs compared to contractors and creates green jobs in the city.

GROWING INTO EXISTING TREE AND WATERSHED PLANS

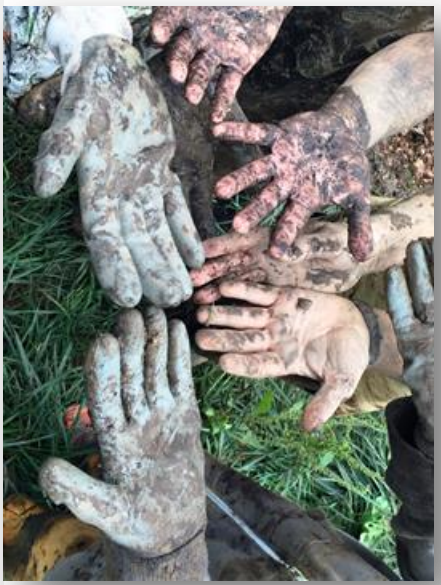
There is a need to accelerate the planting of trees to reach the city's tree canopy goals. In Baltimore, partners are still planting about 6,000 trees on both public and private property between all partners. However, we are running out of larger public property areas to plant trees which creates a substantial need to reach these smaller, urbanized neighborhoods where there is not room for a yard tree. In these situations, the best location due to utility conflicts is a street tree, which has the added benefit of permanently removing pavement and greening entire blocks.

G3 Grant Awarded:	$50,000
Total Project Cost:	$122,367
Status:	Awarded

Current site conditions



BLUE WATER BALTIMORE



Project Partners: TreeBaltimore, Neighborhood Design Center, Baltimore City Department of Public Works
Chesapeake Bay Trust, U.S. Environmental Protection Agency

For additional information: visit www.epa.gov and www.cbtrust.org.