

Stormwater Tour

Liberty Lands

Liberty Lands Park provides an enhancement to an already active green open space which serves as a significant community amenity.

- Local gardeners and other active community members in Northern Liberties partnered with the Philadelphia Water Department, Pennsylvania Horticultural Society and the Northern Liberties Neighbors Association to transform the park into a green space that incorporates stormwater management.
- Stormwater runoff flows into a new storm inlet at the corner of N. 3rd Street, where water travels through a grassy swale before entering the rain garden.
- This rain garden is unique. After filtering through the rain garden, the water overflows to three underground cisterns, where it is stored until it is pumped into an irrigation system for the park's vegetation.
- Once the cisterns are full, water ponds on the surface of the rain garden up to about 4 inches, then water overflows back to the city's combined sewer system.
- As part of the project, the park was re-graded to provide a gentle slope toward a new performance stage. The rain garden serves as the backdrop for the stage and the many community events hosted at Liberty Lands.



Neighborhood: Kensington / Fishtown

Watershed: Delaware River

Green Tools: Rain Garden, underground cisterns

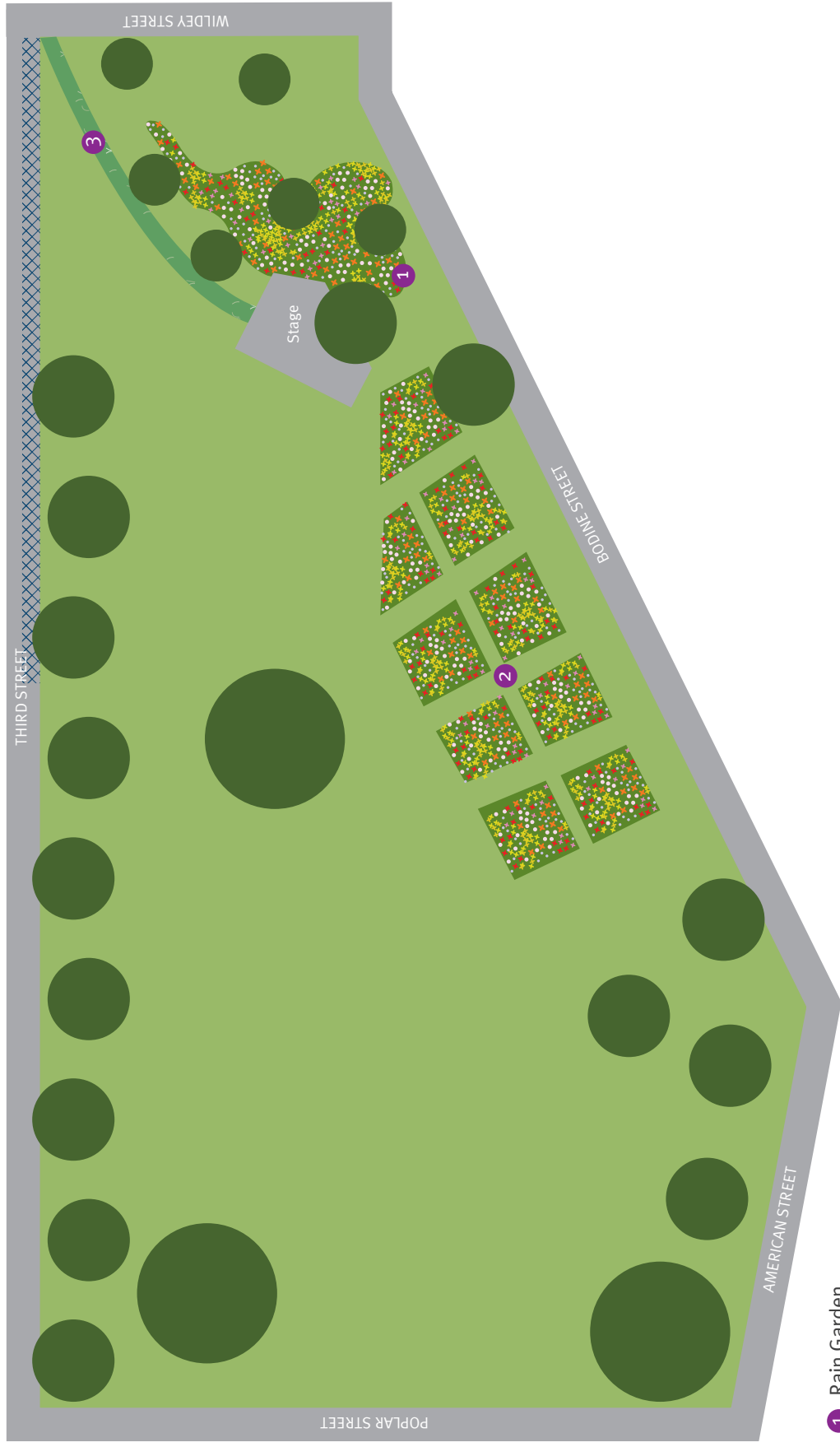
Address: N. 3rdSt. & Wildey St.

Partners: Philadelphia Water Department (PWD), PA Department of Environmental Protection (PA DEP), Pennsylvania Horticultural Society (PHS), Northern Liberties Neighborhood Association (NNLNA)

Sewer Type: Combined

Completion Date: Summer 2009

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1 Rain Garden

2 Community Garden

3 Reinforced Lawn Walk

Drainage Area for adjacent stormwater feature

