

LARIMER/EAST LIBERTY PARK GREEN INFRASTRUCTURE PROJECT

GROWING GREENER GRANT

URBAN REDEVELOPMENT AUTHORITY OF PITTSBURGH

Project Description The Larimer/East Liberty Park Green Infrastructure Project is the construction of terraced bioswales and cisterns to implement the City of Pittsburgh's City-Wide Green First Plan by maximizing the reduction of combined sewer overflows, improving water quality, and reducing localized surface flooding. Project timeframe: December 2017 – December 2021.

Project Goals The mitigation of source pollution and flooding via Best Management Practices.

Project Results The bioswale and cistern system collects and manages rainwater from Liberty Green Park and adjacent streets, with a capture area of 4.1 acres, and capture potential of over 4 million gallons of stormwater annually. Up to 2 in/hour of rain is contained within the system.

Before Construction



After Construction



Project Costs \$60,000

Lessons Learned Operations, Maintenance, and Replacement training cannot be understated for long term success. For best results, training should occur every growing season.

Partners The City of Pittsburgh, Housing Authority of Pittsburgh, Pittsburgh Parks Conservancy, Larimer Consensus Group, Kingsley Association, and East Liberty Development, Inc.. Tedesco Construction Company was the contractor. Wallace Roberts and Todd and Evolve EA were the architects. Alisha Wormsley was the project artist.

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