

Green Profile: Dilworth (PreK-5)

Dilworth (PreK-5) features a number of young trees and colorful, flowering shrubs in front of the entrance and around the perimeter of the school.

Some of the shrubs planted in front of the school include:

- 'Lil Princess' spirea
- Dwarf fountain grass

Number of plants planted:

- 13 Trees
- 10 Shrubs
- 10 Ornamental grasses



About the Green Profile

Funded by The Grable Foundation, the Western Pennsylvania Conservancy's School Grounds Greening Project brings children closer to nature by enhancing the grounds of Pittsburgh Public Schools with greenery and outdoor green spaces.

The *Green Profile* is a fact sheet that highlights the projects WPC has completed at each of the Pittsburgh Public Schools.



The Benefits of Greening



Educational Benefits

Students can learn a lot from Dilworth's prospector elm and London planetrees, planted along the sidewalk. The trees were planted in new tree pits that replaced concrete and will absorb gallons of storm water runoff during rain showers. Once the trees grow a few feet, they will also help to shade and cool the sidewalk on hot days.

Beautification

The London planetrees planted at Dilworth add color and interest along the sidewalks. London planetrees are known for their silvery 'spotted' bark that flakes off, revealing lighter cream and grey-colored layers.



Environmental Benefits

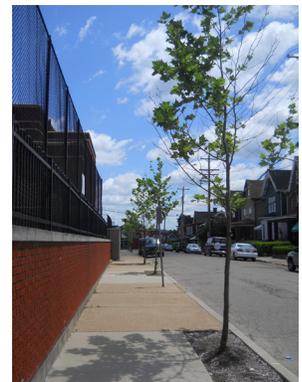
The 13 trees planted at Dilworth are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

Absorb 9,847 gallons of storm water runoff

Conserve 598 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 1,778 pounds

\$871 in annual benefits!



Calculations provided by www.treebenefits.org