

Green Profile: Phillips (K-5)

Phillips (K-5) is bordered by several healthy, young street trees.

Planted in collaboration with the Tree Vitalize program, two 'Morton Glossy' elm trees and five *cumulus service berry* trees line both the S. 19th and Sarah Street sides of Phillips elementary school.

Number of plants planted:
7 Trees



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 about science and environmental studies concepts from Phillips' street trees. Planted in tree pits that have replaced concrete, the trees will help to cool the sidewalk on hot days. The trees will also absorb a significant amount of storm water (see 'Environmental' benefits) that may have otherwise flowed into street drains and contributed to sewer overflow.

Beautification

Phillips' *cumulus serviceberry* trees are multi-stemmed and produce snowy white flowers in the springtime. The 'Morton Glossy' elms have a strong, upright shape and host lustrous, deep-green foliage.

Environmental Benefits

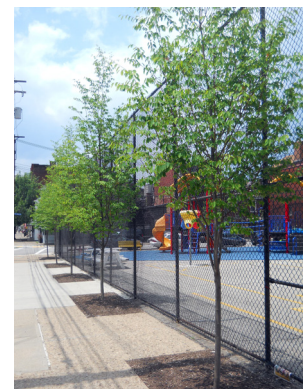
The 7 trees planted at Phillips are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

Absorb 3,373 gallons of storm water runoff

Conserve 215 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 1,304 pounds

\$317 in annual benefits!



Calculations provided by
www.treebenefits.org