

# Green Profile: Oliver High School

**Oliver High School** features several trees intended to enhance the aesthetics of the building's main façade along Brighton Avenue.

**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

The trees will help absorb a significant amount of storm water runoff that may otherwise have ended up in the sewer systems. The White Pine trees offer interesting educational opportunities as they vary from deciduous trees that dominate the city landscape.

### Beautification

The trees planted in the front of the property are 'legacy' trees, or trees that will replace the older, mature trees when the time comes for them to be removed. This will help the building maintain its signature look that the community has come to know through the years. The Beech trees, which are very slow growing trees, are the definition of a legacy tree.

### Environmental Benefits

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

**Absorb** 685 gallons of storm water runoff

**Conserve** 99 kilowatt hours of electricity by cooling the building

**Reduce** atmospheric carbon by 364 pounds

**\$518 in annual benefits!**



Calculations provided by  
[www.treebenefits.org](http://www.treebenefits.org)