



# **The Many Benefits of Trees**

*Planting, Preserving and Promoting Tulsa's Urban Forest.*

## **TREES IMPROVE AIR QUALITY**

**Trees remove air pollution, such as ozone, particulate matter, sulfur dioxide and more. Air quality improves as tree canopy increases.**

**Trees remove dust and soot from the air, which can damage our lungs and increase asthma in children.**

**Each year, an acre of trees absorbs the amount of carbon produced by driving a car 26,000 miles.**

## **TREES DECREASE AIR TEMPERATURE**

**Urban heat islands are created when natural land cover is replaced with concrete and infrastructure. Trees cool city heat islands by 10-20 degrees, reducing ozone levels and helping cities meet air quality standards for federal highway dollars.**

**Surface temperature can be up to 36° F cooler under the shade of a tree.**

## **TREES CLEAN & CONSERVE WATER**

**Foliage and tree canopy cover decrease storm water runoff, which reduces the potential for flooding.**

**Trees clean rainfall as it filters through the leaves and root system.**

**Planting trees along waterways helps control water and soil runoff, remove sediment and reduce water runoff pollution by as much as 80%.**

## **TREES IMPROVE THE ECONOMY**

**Sales at businesses on tree-lined streets are up to 12% higher; shoppers are willing to pay up to 11% more for goods and services.**

**Residential property values can increase 5-20% if trees are in the landscape.**

## **TREES GREATLY IMPROVE THE QUALITY OF LIFE**

**Trees in urban neighborhoods are linked to reduced crime.**

**Urban environments with trees and green areas help reduce stress and aggression, while increasing interaction and walking on street level.**

**Patients with window views of trees recover from surgery faster, use less painkillers, experience less stress and have shorter hospital stays.**

## **TREES ARE GOOD FOR CHILDREN & THEIR EDUCATION**

**Tree-lined streets reduce asthma rates in children who live there, as well as encourage them to play outside.**

**Children with window views of trees and greenery perform better in school.**

**Children with access to trees and green spaces have less ADD symptoms, better concentration, and increased ability to follow directions.**

## **TREES SAVE ENERGY & MONEY**

**Shade from trees reduces a building's energy use, which lowers power plant emissions.**

**Streets with little or no shade need to be re-paved twice as often as those with 30% tree cover.**

**Just 3 trees strategically placed around a home can decrease utility bills by 50%. Air conditioning costs are lower in a tree-shaded home. Heating costs are reduced when a home has a windbreak.**

## **TREES BEAUTIFY OUR SURROUNDINGS**

**Trees make life more pleasant by their beauty. City trees also provide privacy, screen out objectionable views, reduce glare and reflection, and provide background to, complement and enhance architecture.**

## **TREES PROVIDE HOMES FOR WILDLIFE**

**Trees harbor wildlife, attracting birds, squirrels, insects and even other plants. Planting trees returns an area to a less artificial environment that promotes the natural cycle of plant growth, reproduction and decomposition, both above and below ground. Natural harmony is restored to the urban environment.**

**[www.upwithtrees.org](http://www.upwithtrees.org) (918) 610-TREE (8733) trees@upwithtrees.org**