

# A Message from your Leonia Shade Tree Commission

## Leonia has lost 16% of its canopy since 2008<sup>1</sup>

Neighboring towns have allowed a 32% loss in their canopy during the same period<sup>1</sup>

## Your Shade Tree Commission works to protect Leonia's green asset

### Here's why:

#### **Decreases Flooding and Erosion:**

- 100 mature trees catch about 139,000 gallons of rain water per year<sup>2</sup>
- Neighboring tree removal has resulted in occurrences of home and property flooding

#### **Reduces Storm Runoff and Associated Costs:**

- Our canopy saves the Borough an estimated \$42,000 per year for repair and replacement of hard infrastructure<sup>1</sup>

#### **Healthy People:**

- 100 trees remove 53 tons of carbon dioxide and 430 pounds of other air pollutants per year<sup>2</sup>

#### **Homeowner Energy Savings:**

- Strategically placed trees save up to 56% on annual air condition costs<sup>2</sup>
- Just 3 trees properly placed around a house can save up to 30% of energy use annually

#### **Higher Property Values:**

- Mature trees can increase property value by 20%<sup>2</sup>
- A mature tree can have an appraised value up to \$10,000<sup>3</sup>

## Today's threat to Leonia's canopy comes primarily from the removal of healthy trees on private property

1. itreetools.org developed by USDA Forestry Service

2. U.S. Forest Service

3. Council of Tree and Landscape Appraisers



**Plant a tree!** Please come pick up a free sapling  
April 14<sup>th</sup>, 9 am-12 pm at American Legion Post 1