

# Friends of Euclid Creek

## Euclid Creek Tree Planting at Community Christian Church

### 2017 WRLC-Dominion Mini-Grant Program

#### Final Report



## **Project Summary**

Funds Awarded: \$2,000

Funds Expended: \$2,000

85 trees and shrubs were purchased and planted, watering supplies and tools for the planting were purchased to support the planting and tree and shrub establishment, two signs were designed and ordered and will be displayed next spring. 15 yards of mulch were provided in kind by the City of Euclid. Deer protection from another grant will be added by FOEC volunteers in November.

## **Project Details**

The *Euclid Creek Tree Planting at Community Christian Church* project enhanced 155 lineal feet of forested riparian buffer along Euclid Creek, and an additional 261 lineal feet of turf grass with 85 native trees and shrubs on October 13, 2018. Trees and shrubs were planted on a cold rainy morning by 22 Friends of Euclid Creek and Community Christian Church volunteers. Plant species were chosen based on their soil moisture preference and height restrictions due to utility lines on the property. Species used included: Allegheny serviceberry, American Hornbeam, American sycamore, Buttonbush, Pawpaw, Silky dogwood, Swamp rose, Winterberry, and Witch hazel. 15 yards of mulch was donated by the city and was spread around each of the trees and shrubs.

Expanding the riparian buffer along Euclid Creek will help reduce erosion along the Main Branch and resulting sedimentation as this section of Euclid Creek has steep streambanks. The site is adjacent to a heavily used road by automobiles and pedestrians, so educational signage will be placed spring of 2019 by the sidewalk for educational purposes and by the parking lot to educate members of the church congregation about the project.

As part of the project, two educational presentations were given to church members at their annual bazaar and picnic about the project and the benefits of trees and shrubs. In spring of 2019 a presentation will be given to church members about the watering equipment purchased and how often to water.

Partners on the project were the Community Christian Church, Friends of Euclid Creek (FOEC), Cuyahoga Soil & Water Conservation District (Cuyahoga SWCD) and the City of Euclid, a member of the Euclid Creek Watershed Council.

*Photos from the planting event*





24\* 36 Signs Created for the site

## Euclid Creek Streamside Forest

85 native trees and shrubs planted by Friends of Euclid Creek and Community Christian Church volunteers in October 2018.  
These trees and shrubs will help soak up rainwater and filter out pollutants before entering Euclid Creek.

### Streamside Plants

Just behind the Community Christian Church there is a steep drop to Euclid Creek. Adding trees and shrubs along the creek helps to address impacts from our urban environment.

Streamside trees and shrubs help:

- Slow flood waters
- Absorb water flow and energy
- Protect vulnerable soils
- Strengthen and stabilize streambanks
- Filter out sediment and nutrients

### Streamside Forest Benefits

- Improve property values
- Reduce energy bills
- Provide a pretty view
- Improve privacy
- Improve air quality



### Native Trees and Shrubs

The species planted here are adapted to the local climate and soil conditions where they naturally occur. Euclid Creek relies on a healthy and diverse ecosystem to control erosion and filter stormwater.

There are many other benefits to going native!

- Good for wildlife, such as birds and butterflies
- Costs less and saves time due to lower maintenance requirements
- Saves water because natives are best suited for an Ohio climate
- No need for fertilizers or pesticides

### Species Planted

Allegheny serviceberry  
American Hornbeam  
American sycamore  
Buttonbush  
Chinese chestnut  
Northern pecan  
Pawpaw  
Silky dogwood  
Swamp rose  
Winterberry  
Witch hazel



Funding for the project provided by the Dominion Energy and Western Reserve Land Conservancy Watershed Mitigation Grant Program.

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Western Reserve Land Conservancy  
land • people • community

Funding for the project provided by the Dominion Energy and Western Reserve Land Conservancy Watershed M&I Grant Program.