

# Twinsburg Heights Preserve

West Creek Conservancy



**Location:** City of Twinsburg & Twinsburg Township, Summit County, Ohio

**Size:** 49.3 acres

**Credits:** 5,346 tCO<sub>2</sub>e

**Carbon Registry:** City Forest Credits

<https://www.cityforestcredits.org/>

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## FOREST COMPOSITION

Twinsburg Heights Preserve is densely forested with red and sugar maples, black cherry and American beech. Several large specimens are found on the property, including a giant American beech approximately 5 feet across.

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## FUTURE USE

Twinsburg Heights Preserve will be protected in perpetuity by West Creek Conservancy, with revenue generated from the sale of carbon credits supporting West Creek Conservancy's stewardship of the property including invasive species removal and deer population management as well as installation and maintenance of public access infrastructure to facilitate use of the property as a public nature preserve.

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## ADDITIONAL BENEFITS

In addition to carbon sequestration, the densely forested Twinsburg Heights Preserve provides a multitude of additional benefits. The trees absorb an estimated 1.6 tons of air pollutants and intercept an estimated 23,449 cubic meters of rainfall annually, improving air quality and slowing stormwater runoff to the adjacent community of Twinsburg Heights, a formerly redlined and predominately African American residential neighborhood. West Creek Conservancy's conservation and management of Twinsburg Heights Preserve will: preserve the essential ecological services that the forested area provides; maintain a critical buffer between Twinsburg Heights and the adjacent interstate highway and commercial corridor, and; provide a high-quality natural area for public recreation and enjoyment. The property also provides suitable habitat for 23 listed species identified on or within range of the property.