

Spring Creek Preserve

West Creek Conservancy



Location: Montville Township, Geauga County, Ohio

Size: 150.76 acres

Credits: 15,009 tCO₂e

Carbon Registry: City Forest Credits

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

FOREST COMPOSITION

Spring Creek Preserve comprises dense, mature upland hardwood forest stands, predominated by red and sugar maple, American beech, tulip tree, black cherry and northern red oak.

FUTURE USE

Spring Creek Preserve will be protected in perpetuity, and will be integrated into West Creek Conservancy's guided nature hike series. Revenue generated from the sale of carbon credits will help West Creek Conservancy advance its mission to enrich the lives of all people in Northeast Ohio by conserving natural habitats, restoring the ecological value of our region's lands and waters, and expanding opportunities to connect people from all cultures to experience nature and discover our great outdoors.

ADDITIONAL BENEFITS

In addition to carbon sequestration, the mature hardwood forest of Spring Creek Preserve provides a multitude of environmental benefits, including absorbing an estimated 4.9 tons/year of air pollutants and intercepting an estimated 71,704 cubic meters of rainfall annually, filtering and slowing stormwater runoff to the adjacent water bodies of Spring Creek and the 700-acre wetland complex known as Montville Swamp. Ensuring the health of this forest thus helps preserve and enhance downstream water quality within Spring Creek, Trumbull Creek, the Grand River, and ultimately Lake Erie. Lastly, permanent conservation of the Spring Creek Preserve protects wildlife habitat for several listed species, including 4 state-listed plant species, 2 state-listed bird species, and 5 state- and 2 federally-listed bat species.