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WEST CREEK CONSERVANCY

## West Creek at Buckeye Stream Restoration

Parma, Ohio



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*Urban stream restoration enhances habitat and reduces pollutant loads entering Lake Erie.*

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**W**est Creek, which flows through Parma, OH, is a tributary to the Cuyahoga River and ultimately, Lake Erie. Tightly sandwiched between a senior living center and a power equipment retailer, a portion of West Creek had lost ecological value.

*From top: Enjoying the restored habitat; a portion of the degraded stream before restoration; Biohabitats assessing the area*

In a design-build capacity, Biohabitats helped the West Creek Conservancy, a non-profit dedicated to protecting natural habitats and restoring the ecological value and sustainability of urban land in the Greater Cleveland area, to restore the degraded portion of the creek to improve water quality and habitat.

and enhanced the visual and aesthetic character of this urban area.

### SERVICES

Assess  
Engineer & Design  
Build

The project involved re-locating 500 linear feet of West Creek to re-establish floodplain connectivity and restore a headwater wetland system. Biohabitats' approach restored natural ecological systems and processes along the existing and relocated channel, reduced nonpoint pollution loadings from an adjacent property, improved riparian and upland habitat, removed invasive species,



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