



Ecological Services at OHM Advisors

Welcome to the Conservation, a publication that highlights the services, work, and insights of OHM Advisors in protecting and restoring our planet's precious lakes, streams, and natural resources and the delicate ecosystems that rely on them.

Healthy lakes and streams are essential to thriving communities of plants and animals, as well as to our own quality of life. Our Ecological Services team is dedicated to their protection and restoration, and can provide detailed plans for shoreline habitat creation, designs for stream channel stabilization and riparian restoration, consultation on complex environmental construction projects, and more.

We feel our holistic approach to shaping, restoring, and preserving our ecosystems is what sets us apart from other firms. When analyzing an ecological situation, we consider economic, social, geographic, and environmental factors from different perspectives to create plans that guide clients to a healthy ecological future.

OHM Advisors' Ecological Services Team takes a holistic approach to help shape, preserve and restore our ecosystems.



State threatened Cup Plant (*Silphium Perfoliatum*) being geo-located.

featured Service

Shoreline Restoration

With continuing uncertainty in water levels in our lakes and ponds and increasing pressure from development and stormwater runoff, the need for naturalized and restored shoreline is greater than ever. Our team of scientists and engineers work to integrate community desires for recreational amenities and aesthetic value with improvements to habitat and ecological function. Whether managing restoration of Great Lakes shoreline or inland lakes, our Ecological Services team can help secure funding, plan and design rehabilitation, and oversee construction to provide the best possible results.

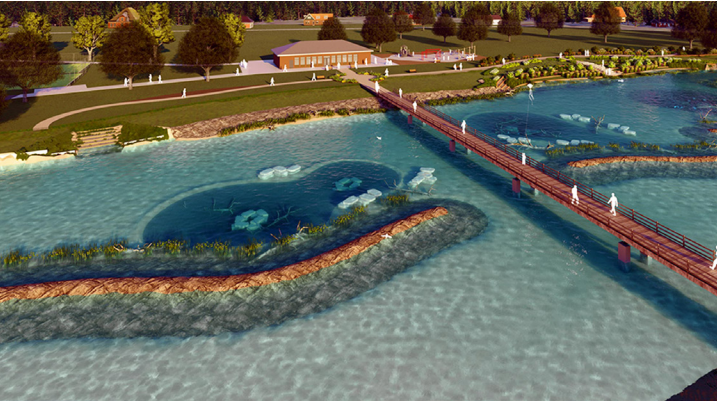
Explore all services for water related challenges at [OHM-Advisors.com/water](https://www.ohm-advisors.com/water)

ECOLOGICAL SERVICES

Shoreline Restoration

- Stream Restoration
- Invasive Species Management
- Wetlands
- Tree & Forestry Services
- Threatened Endangered Species Protection

highlighted Project



Brandenburg Park

Brandenburg Park, located on the shore of Lake St. Clair in Chesterfield Township, Michigan, is an ecologically significant habitat for fish and wildlife and an important regional fishing and waterfront recreation facility in the Great Lakes Region.

After decades of development degraded the park's 750-foot seawall and eroded the soils behind it—destabilizing the structure, fragmenting the natural habitat, and reducing safe access for park users to lakefront recreation—our experts were asked to create a plan for shoreline and habitat restoration. The plan included seawall removal and the implementation of bioengineered shoreline stabilization methods combined with habitat structure designs to

support native populations of fish, amphibians, macro-invertebrates, herpetofauna, and migratory birds. The design also included the construction of rock sills along 200 feet of shoreline to create wetland pockets and increase habitat complexity.

The result of this restoration project is an enhanced natural environment supporting native populations of biodiversity and providing recreational users enriched educational opportunities and renewed connections to functioning ecosystems.

Project Highlights: environmental engineering, engineering design, structural evaluation, ADA compliance, public engagement, survey, state, and federal regulatory compliance

▼ Learn more about the Brandenburg Park shoreline restoration at OHM-Advisors.com/projects

spotlighted Plant



Jewelweed (Spotted Touch-Me-Not)

Summer is just around the corner and you can still find Jewelweed (*Impatiens capensis*), also known as Touch-Me-Not, growing in wet areas throughout most of North America.

This cool plant is known for its ability to restore wetland systems and is a favorite among our Ecological Services Team for several reasons:

Self-pollinating. Cleistogamous flowers don't require pollinators. Sorry, bees!

Seed confetti bomb. In mature seed pods, a light touch is enough to trigger seed distribution through a process known as explosive dehiscence.

Medicinal uses. Indigenous People have been using Jewelweed to treat and prevent poison ivy rash for generations.

▼ Ask us which native plants are best for your restoration project! john.deslippe@ohm-advisors.com

Jewelweed's effectiveness in preventing and treating poison ivy rash is most likely based on the presence of a compound called Saponin that is found in the sap emitted when the leaves and stem are crushed.

Share your vision with us, and together, we'll create great places for people.

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