

Native Landscaping

Native landscaping uses plants that have been growing in southeast Michigan before European settlers arrived in the 1700's. Native plants are adapted to local climate and conditions and they have numerous storm water management benefits.

Considerations:

- Proper installation by experienced native landscape contractors is critical to the success of the project.
- A management plan and maintenance period of 3-5 years post-installation are critical to the success of native landscapes.
- Control of non-native invasive species through prescribed burns, mowing, and/or herbicide applications is required to create healthy native plant communities.
- Installation costs for native plants can be as much as 40% less than those of traditional perennial beds.
- Long-term maintenance costs for native landscapes can be up to 50% less expensive than those for turf and other traditional landscapes.



- ★ Pfizer Global Research & Development
- ★ Buhr Park
- ★ Horiba Instruments
- ★ The Ridge



Pfizer Global Research And Development

Location:	2800 Plymouth Road Ann Arbor
Landscape Architect:	Pollack Design Assoc.
Size:	11 acres
Installation Date:	1994, Phase I in 2002, Phase II in 2003
Installation Cost:	\$4800/acre, including seeds, herbicide application, seed bed prep and one year of maintenance

At Pfizer, a native landscape has been designed to replace a traditional lawn landscape resulting in the following:

- Reduction of storm water runoff
- Reduction of hydro-carbon emissions from lawn mowing equipment
- Reduction of annual maintenance costs by 50%
- Elimination of irrigation
- Reduction of fertilizer and broadleaf herbicide applications
- Increase in plant and wildlife diversity

Initially, a herbicide application was necessary to convert from lawn to native plants.

Seed was installed using a no-till drill with straw mulch for erosion control. Plugs can also be installed for enhancement.

An annual prescribed burn for the control of invasive plants is a part of the initial 3-5 year establishment period.



Office of the Washtenaw County Drain Commissioner, Janis Bobrin. Funded by the United States Environmental Protection Agency; administered by the Michigan Department of Environmental Quality.

For more information, contact Harry Sheehan at (734)222-6851
www.ewashtenaw.org/government/drain_commissioner/dc_lid.html



Buhr Park Children's Wet Meadow

Location: 2781 Packard Road, Ann Arbor
Project Team: Tilton & Associates, Inc., City of Ann Arbor Parks Department and Buhr Park Children's Wet Meadow Team
Size: .81 acres of wet meadow
Installation Date: 1997



Horiba Instruments

Location: 5900 Hines Drive, Ann Arbor
Landscape Architect: Pollack Design Associates
Size: 3.5 acres of prairie
Installation Date: 1995
Installation Cost: \$3200/acre, including seed and seed bed prep



The Ridge

Location: Earhart Road
Ann Arbor
Developer: John Talbot
Landscape Architect: InSite Design Studio, Inc.
Size: 15 acres of woodland and wetland
Installation Date: 2003
Installation Cost: \$45,000/acre including all grading and site work, trees, shrubs, plugs and seed, installation and 5 yr. maintenance period



The Ridge is a residential development located on a site with many sensitive natural features, including a woodland, wetlands and a creek. The site plan preserves much of the existing woodland. For disturbed areas, Ann Arbor Township supported a unique native woodland mitigation and restoration plan that replaces the woodland layers: overstory canopy trees, understory trees, shrub, herbaceous and groundcover layers. Native woodland wildflowers were rescued from the site and replanted following construction. In addition, custom native woodland and wetland seed mixes were developed for the site, as well as a native landscape management plan.

Resources

For more information about native landscaping:

Wild Ones

www.for-wild.org/

USEPA

www.epa.gov/greenacres/

Buhr Park Children's Wet Meadow

www.wetmeadow.org

Resources for native plant material:

Michigan Native Plant Producers Association Plants and Seeds Source Guide

Other local native landscaping projects:

Lowe's Home Improvement

5900 Jackson Road
Ann Arbor

Ann Arbor District Library Malletts Creek Branch

3090 East Eisenhower Parkway
Ann Arbor

Olson Park

Pontiac Trail & Dhu Varren Road
Ann Arbor

Dexter Medical Offices

7300 Dexter-Ann Arbor Road
Dexter