



## 2011 Work Plan

The following document provides an overview of the proposed work in the Lakeshore Nature Preserve facilitated by staff within Facilities Planning & Management. This is not an exhaustive list of duties or proposed work, but does provide a general understanding of what is proposed for the upcoming year. The initiatives shown are also not prioritized understanding that Preserve staff will work on the initiatives throughout the year with the ultimate goal to complete as much of the work as possible based on available staff and financial resources. The work plan is annually reviewed by Preserve staff and approved by the Lakeshore Nature Preserve Committee to provide guidance on priorities and initiatives to be undertaken in the year ahead. Major initiatives, not on this list that may come up throughout the year, will be considered in the following fiscal year deliberations for inclusion in future work plans.

### 1) Land Management

- Control and monitor invasive species, with importance given to new invaders such as porcelainberry and Japanese hedge parsley, first documented in the Preserve in 2010.
- Develop a Preserve burn management plan for implementing a prescribed burn at Biocore Prairie, Raymer's Cove, Upper Bill's Woods Savannah, and the northern fringe of Biocore prairie along Second Point Woods.
- Manage vegetation in Muir Woods, along the Howard Temin Lakeshore Path, and along the Picnic Point main path to maintain lake views and open areas for path user safety.
- Increase plant species diversity through supplemental seeding and planting in areas already under management, such as the University Bay shoreline at Picnic Point.
- Develop Indian mound management policy implementation guidelines.
- Manage vegetation on the Indian mounds in Picnic Point and Willow Creek Woods.
- Maintain and improve erosion control projects on Picnic Point and along the Howard Temin Lakeshore Path to minimize the impacts of erosion to Preserve lands and Lake Mendota.
- Work with the Arboretum and Madison Parks Department to allow brush burning as a management tool in the Preserve.

### 2) Outreach

- Build the volunteer program by:
  - Expanding outreach through social media.
  - Developing Informational brochures.
  - Updating the Lakeshore Nature Preserve website on an on-going basis.
  - Increasing student and community group participation.
  - Increasing use of the Preserve by faculty and students for university coursework.
  - Continuing to develop on-going partnerships with organizations, including the Friends of the Preserve, Students for the Lakeshore Nature Preserve, etc.
- Provide site based and virtual information through temporary work activity signs, audio trail recordings, and the website.
- Plan for and provide volunteer training for field activities including recommendations for certification.
- Begin development of a coordinated communication plan for the Preserve.

### 3) Site Infrastructure

- Maintain trails and work with campus partners for user safety and enjoyment of the Preserve.
- Implement signage plan.
- Install benches as donations allow.
- Maintain Picnic Point pit toilets (Custodial Department) and routinely remove trash (Waste and Recycling Department).
- Remove hazard trees, control erosion, and install safety signs and barriers (Grounds Department).
- Maintain bike paths, roads and parking areas, including the access road in Eagle Heights gardens and along the main Picnic Point path at the Narrows. (Grounds Department).

### 4) Administrative Support

- Provide support for the Preserve Committee and subcommittees.
- Manage research and recreation permits.
- Assist with capital project planning.
- Develop annual budgets and work plans.
- Provide development opportunities for UW Foundation fund raising and financial support to continue building the Preserve endowment and stewardship resources.
- Begin the development of a strategic planning initiative to build on the overall vision and future of the Preserve.

### 5) Capital Project Support (alpha order by name, not prioritized)

- Bills Woods accessible birding area - Add a wheel chair turnout to the limestone screening path at the base of Bills Woods to provide an accessible bird viewing area.
- Bills Woods Friends of the Lakeshore Nature Preserve Volunteer Project - Continue to control invasive plants, add native plants, and develop a plan for prescribed burning in the oak opening in East Bills Woods.
- Class of 1918 Marsh trail - Restore the limestone screening trail that has washed away; renovate/rebuild the degraded viewing platforms.
- Class of 1946 Frautschi Point entry improvements - Install native landscaping at the entry to Frautschi Point in and around the parking lot.
- Class of 1953 Lakeshore Path improvements - Continue to increase the diversity of plants from Willow Creek to Picnic Point with new swale and shoreline vegetation, including the Triangle Marsh.
- Class of 1955 Tent Colony Woods improvements - Continue to control invasive plants, add a diversity of native woodland plants, and control erosion.
- Class of 1959 Picnic Point fire site improvements - Control soil erosion, protect the big Oak tree, allow lake access, and install an improved rustic fire seating area at picnic site #2.
- Eagle Heights Stormwater Management Plan - Monitor design and provide review and input into the planning & design process.
- Eagle Heights Woods Management Plan - Begin development of a vegetation and ecological management plan to guide decision making and restoration efforts.
- Heritage Oak Friends of the Lakeshore Nature Preserve Volunteer Project - Implement Phase 1 of invasive plant control and establishment of savanna vegetation around the big oak across from the Bills Woods savanna restoration.

- Lot 60 Stormwater Management Plan - Monitor design and provide review and input into the planning & design process.
- Picnic Point entry path improvements - Reroute the limestone screening path from the north to avoid the naturally wet soil conditions and allow maintenance and safety vehicle access.
- Picnic Point Improvements - Install shoreline stabilization, soil protection, plantings, pedestrian access, and fire site gathering circle improvements at the tip of Picnic Point.
- Willow Creek Woods Savanna restoration - Add seeding and plants, including trees and shrubs, that can be planted with a minimum of soil disturbance.
- University Bay Drive Stormwater Management Plan - Monitor design and provide review and input into the planning & design process.

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