



2012 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. Projects already started in previous years are a priority for implementation and completion.

1) Land Management Objectives

- Connect vegetation management areas into overall Preserve-wide management objectives as defined in the Preserve Master Plan.
- Expand prescribed burn program where site conditions allow and in conformance with the Preserve Master Plan.
- Based on the Preserve Master Plan, inventory and map existing significant oaks in the Preserve and selectively remove lower quality competing trees around them to increase light levels.
- Survey, monitor, and control aggressive non-native plant species.
- Develop a vegetation management policy for areas on and around Indian mounds.
- Control resurgence of invasive species in areas already cleared.
- Continue to establish native vegetation in sites that have been adequately prepared.

2) Outreach and information access

- Develop/update volunteer program goals, policies and position descriptions.
- Continue to update and improve the Lakeshore Nature Preserve website and social media site.
- Continue to provide site based and virtual information through temporary work activity signs, audio trail recordings, and the website.
- Continue to develop on-going partnerships with organizations and community groups, including the Friends of the Preserve.
- Continue as needed to offer volunteer training opportunities.
- Develop promotional items with the University Bookstore.

3) Site Infrastructure

- Maintain trails and work with campus partners for user safety and enjoyment of the Preserve.
- As defined in the Preserve Master 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 trails, 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.
- 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.
- Manage permits and collaborate with students and academic programs to enrich the quality of the resource and to seek grant funding for projects that contribute to the Preserve.

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

- a. Class of 1918 Marsh trail – Continue to restore sections of the limestone screening trail that has washed away; open viewing areas, manage new sediment ponds by snow pile and refurbish benches. (continuing project)
- b. Class of 1946 Frautschi Point entry improvements - Install native landscaping at the entry to Frautschi Point in and around the parking lot (by contract). Ground layer planting to be executed by Preserve staff. (continuing project)
- c. Class of 1953 Lakeshore Path improvements – Continue regular maintenance and develop a planting plan for along the shoreline from west of Willow Creek to the Triangle Marsh. (continuing project)
- d. Class of 1955 Tent Colony Woods improvements - Continue to control invasive plants, add a diversity of native woodland plants. Install trailhead signage at Raymer’s Cove entry. (continuing project)
- e. 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. (continuing project)
- f. Eagle Heights Apartments recycle lot design – organize layout of containers and protect edge of lot. Control runoff so it no longer creates an erosion issue and refurbish the existing erosion area. (new project)
- g. Eagle Heights Woods Management Plan - Begin development of a restoration and management plan. (continuing project)
- h. Eastern Bills Woods Friends of the Lakeshore Nature Preserve Restoration Project - Continue to control invasive plants, add native plants, and develop a plan for prescribed burning as conditions allow. (continuing project)
- i. Heritage Oak: Friends of the Lakeshore Nature Preserve Vegetation Management Project – Implement second phase of ground layer weed control; seed cleared areas; remove selected undesirable trees; and implement a prescribed burn if conditions allow. (continuing project)
- j. Lake Mendota Drive Pedestrian crossing path design and implementation – create a safe road crossing for pedestrians and address runoff from the parking lot that causes erosion on the east edge of the road. (new project)
- k. Lakeshore Housing: Complete shoreline landscape plan from Elm Drive to Willows Beach – plan is complete; work with housing to implement the project. (continuing project)

- l. Lot 34 Bioswale – review completed project and evaluate for effectiveness in meeting desired goals; develop status report on infiltration and surrounding plantings. (continuing project)
- m. Picnic Point entry path improvements – Complete the limestone path improvements with planting by Preserve staff. (continuing project)
- n. Picnic Point Improvements – Complete the shoreline stabilization, soil protection, plantings, pedestrian access, and fire site gathering circle improvements at the tip of Picnic Point. Manage contract for plant replacements and care. Extend erosion control and plantings to remaining section adjacent to steps at tip. (continuing project)
- o. Wally Bauman Woods: Develop a three year management plan and carry out the first year of control of undesirable vegetation. (new project)
- p. West Campus Stormwater Project - Eagle Heights Bio-retention basins, Lot 60 stormwater pond, Triangle Marsh stormwater pond, University Bay Drive bio-retention basin - Monitor design and provide review and input into the planning & design process. (continuing project)
- q. Willow Creek Woods Savanna restoration – Develop a long term management plan for the area bounded by University Bay on the north, Willows beach on the east, Willow Creek on the west, and the effigy mounds on the south. (continuing project)
