



Eagle Scout Leadership Project Opportunities Heckrodt Wetland Reserve

The following projects are available as potential Eagle Leadership projects at Heckrodt Wetland Reserve. To make an appointment for a meeting regarding any of these projects, scouts may contact Tracey Koenig at (920)720-9349 during regular Reserve weekday operating hours: 8 AM—4:30 PM Tuesday—Friday or by email at heckrodtwetland.tk@tds.net. When you call, please be ready to discuss the timeframe in which you wish to complete your project. Scouts should have at least 6-9 months to complete any project listed.

Purple Loosestrife Beetle Nursery

Build a nursery for the *Galarucella* beetle which destroys Purple Loosestrife, a wetland invasive plant. Tasks include obtaining the proper permits, collecting and potting plants, constructing the nursery structures, collecting beetles from wild stock, caring for the nursery throughout the growing period, and releasing the beetles into the wild at the proper time. Scout should expect to develop signage for their nursery area that will inform our visitors about their project while it is in progress. Approval for this project must be obtained from the Great Lakes Council no later than March 31, 2010. Plants must be dug and potted no later than April 30, 2009.



Rain Garden Construction (multiple projects)



Build one of several Rain Gardens at HWR according to specification developed by the Reserve for use as mitigation for stormwater runoff and public demonstration areas. Scout will be responsible for researching the project, designing the garden, obtaining the plants and materials, and constructing the rain garden on-site. Plants must be watered for a period of 60 days after construction to insure project success. Planting must be completed by June 30, 2010. There are multiple opportunities for this project.

~~Eagle Nest Replica~~

~~Build an actual size replica of an American Bald Eagle nest designed for visitor access on the ground in conjunction with education programs. Scout will be responsible for researching the project, working with HWR education staff, and designing the nest for safety and accessibility. All plans must be approved by HWR prior to construction. Scout will then collect all materials necessary to construct the nest and complete construction no later than August 31, 2010.~~



Buckthorn Control and Restoration Planting

Remove the invasive trees glossy and common buckthorn from a designated area on the Reserve using methods approved by HWR staff. Develop a restoration planting plan, obtain the plants, and install them in a second area that has already been cleared of buckthorn. Planted materials must be watered for 60 days to insure success.