



DNR Conservation Stewardship Scout Projects

For his Eagle Scout project, Jon-Claude Howd worked with managers at Seven Lakes State Park on three separate items.

- [Soil Erosion project](#)
- [Invasive Plant Identification Hike](#)
- [Fish Line Recycling Bins](#)

Soil Erosion project:



The project goal corrected a soil erosion problem on a 80 foot plus tall hill opposite the campground on Sand Lake at Seven Lakes State Park. The problem was fixed by placing landscape timbers on an slight angle (35 degrees) every 5 feet on the hill side. The ground was smoothed to place the timbers, 2 foot rebar spikes were hammered through each end of the timber into the ground. To complete the job, a sand gravel soil mixture was poured down the hillside and shoveled into place by the scouts.

Here are the before, during and after images:



Before Images (above)

Continued on next page:

Soil Erosion Project (continued)



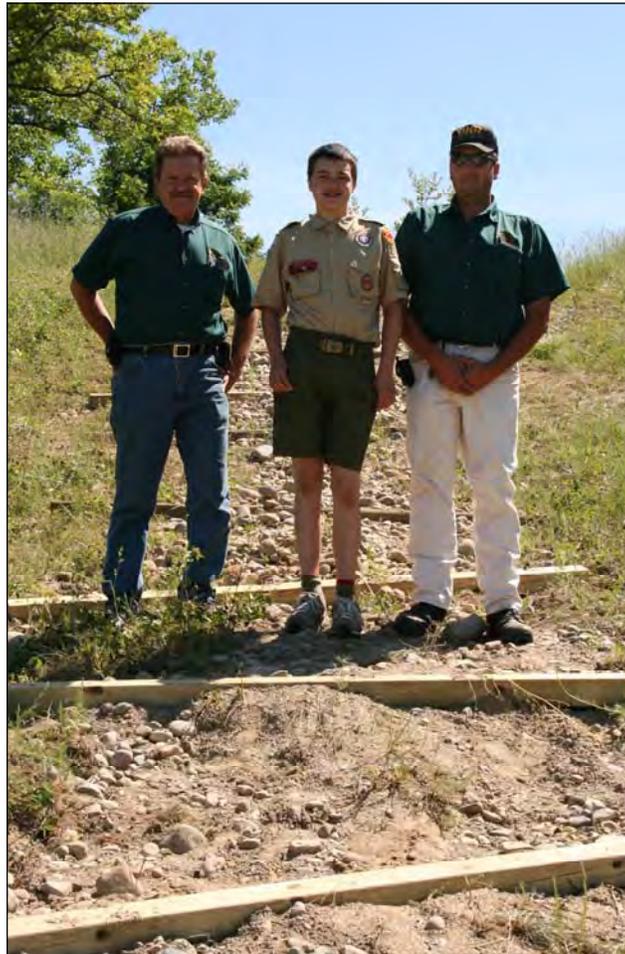
During images (above)

Continued on next page:

Soil Erosion Project (continued)

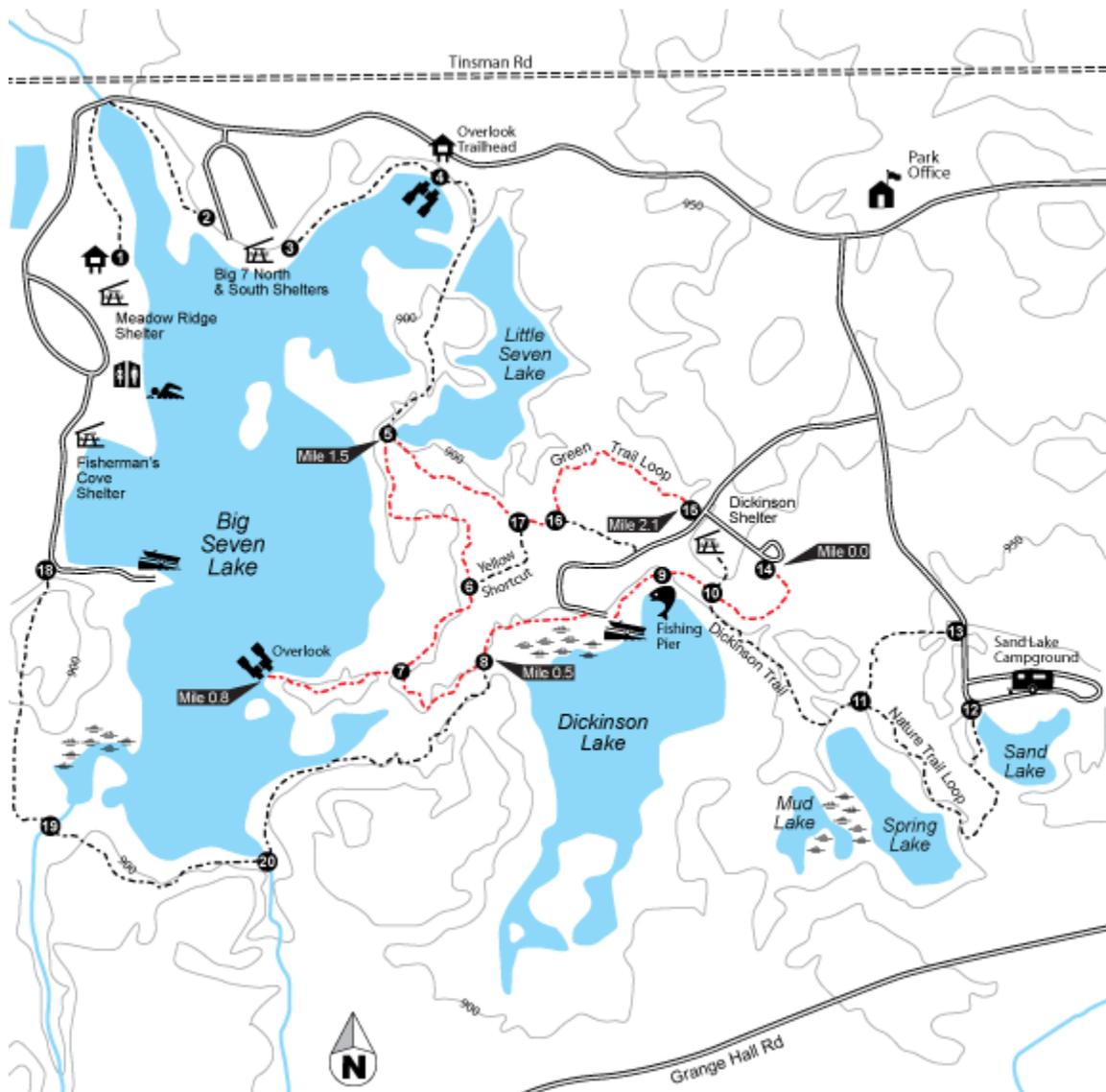


After Images



Invasive Plant Identification Hike

The project identified invasive plant species at Seven Lakes State Park in Holly, MI on the 10 miles of hiking trails in the Park. Jon-Claude organized scouts to hike all the trails at the park, and cataloged all the invasive species seen on the trails. He wrote a report of the findings. The report identified the plants locations on maps. The report was organized by trail and indicated the severity of the invasive plant problem. The report was completed and given to the park.



Map from MichiganTrailMaps.com

Fish Line Recycling Bins

Jon-Claude organized scouts and built 10 Fish Line Recycling tubes for Seven Lakes State Park managed lakes: Big Seven, Dickinson, Sand, Ponemah, Fenton and Lobdell. His team also placed the bins at the lakes either on existing poles or by putting in new posts and then mounting the bins. With the recycling tubes, fisherman would have a place to throw their used fish line, and fish line would not end up in the water or as litter. Fish line thrown in the water chokes fish, strangles turtles, and other wildlife.

