

We Energies
2007 Annual Report - Nuisance Plant Control Survey
Pine Reservoir
FERC Project #2486

We Energies' Environmental department staff, Mr. Mike Grisar and Mr. John Hrobar, conducted a survey from a boat of the entire shoreline at the Pine Reservoir project on August 1, 2007. All waters and appropriate wetlands accessible from the boat were evaluated. Those species targeted for the survey included purple loosestrife (*Lythrum salicaria*) and Eurasian water milfoil (*Myriophyllum spicatum*). The visual meander survey included areas of shallow water adjacent to the shorelines. Shallow water was surveyed to a point where the water depth and clarity excluded visibility conducive to observing submerged vegetation.

A single stand of Eurasian water milfoil was observed at the Pine Reservoir in 2006. This single stand was observed in a small, sheltered bay located in the southwest corner of the reservoir, near where the Pine River enters the reservoir. No Eurasian water milfoil plants were observed to be present at this location during the 2007 survey. Evidence was present that the physical character of the river bottom had changed from 2006 where the Pine River enters the reservoir and in the vicinity of the previously identified Eurasian water milfoil stand. Evidence included a large alluvial deposit, scouring, and the absence of large woody debris previously present in this vicinity. It is suspected that a large rain event that occurred in early Spring 2007 either scoured the area where this stand was located, or the stand was buried by alluvial deposits. During the evaluation, the area where the Eurasian water milfoil had been previously observed was relatively void of vegetation.

No additional stands of Eurasian water milfoil were observed, and neither were any purple loosestrife plants observed along the shores of the Pine Reservoir in 2007.