



GREEN LAKE COUNTY

Department of Land Conservation

492 Hill Street - Courthouse
PO Box 3188
Green Lake, WI 54941-3188

Phone: 920-294-4051
FAX: 920-294-4056
Email: gllwcd@co.green-lake.wi.us

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Twin Lakes Association is proposing to conduct a whole lake treatment (littoral zone) for the control of Eurasian Water Milfoil on Big and Little Twin Lakes.

The last EWM/CLP Inventory was conducted in 2005. At that time 20.9 Acres of CLP was found in Little Twin Lakes. It is expected that the CLP has only enlarged slightly in Little Twin Lake, since it occupied nearly the entire basin, and additional spread potential is limited by water depth.


Also at that time it was observed the EWM was present in both basins. Estimates indicated that EWM occupied 18.5 acres in Big Twin Lake and 8.7 acres in Little Twin Lake.

Ted Johnson, DNR - Water Resources Management Specialist conducted a field visit during the summer of 2007 and observed EWM in most visible areas of the littoral zone. Mr. Johnson suggested a whole lake treatment in order to reduce EWM populations to manageable levels. Based on these observations, the Twin Lakes Association is proposing to treat the entire littoral zone in Big and Little Twin Lakes, a composite area of approximately 57 acres.

A plant survey will be conducted prior to treatment to determine the depth to which EWM is actively growing. The actual acres treated will be adjusted following the field survey.

We feel it is very important to undertake this aggressive treatment strategy as early as possible, since there is a number of desirable, native species present in both lakes. An aggressive approach to combat EWM and CLP, coupled with an intensive monitoring program, and promotion of native plant growth will produce the best chance at long-term control and management within the Twin Lakes.

Sincerely,



Derek R Kavanaugh
Green Lake County Land Conservation Dept.

MAP OF PROJECT LOCATION AND BOUNDARIES



2008 Proposed Treatment Areas Twin Lakes Association

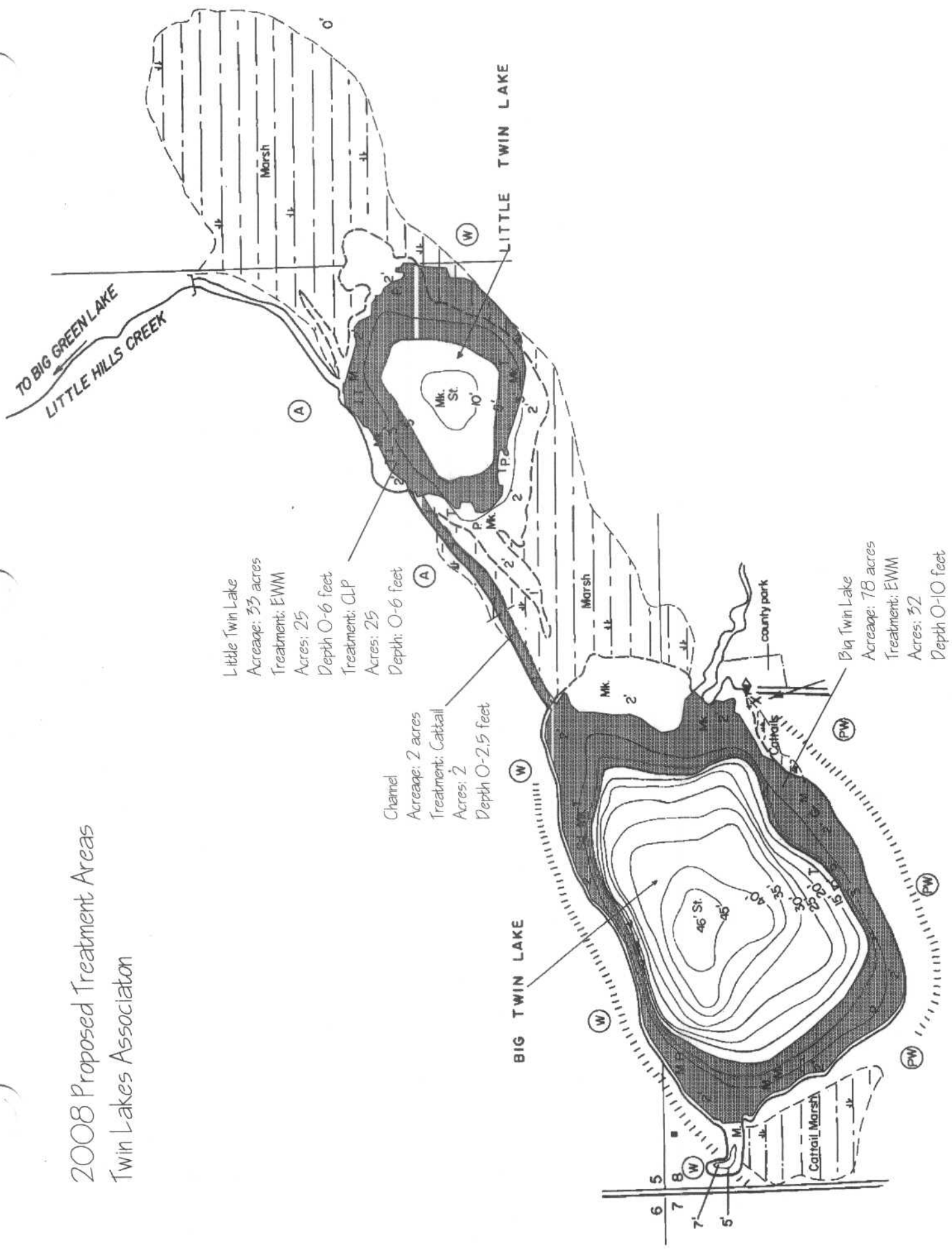
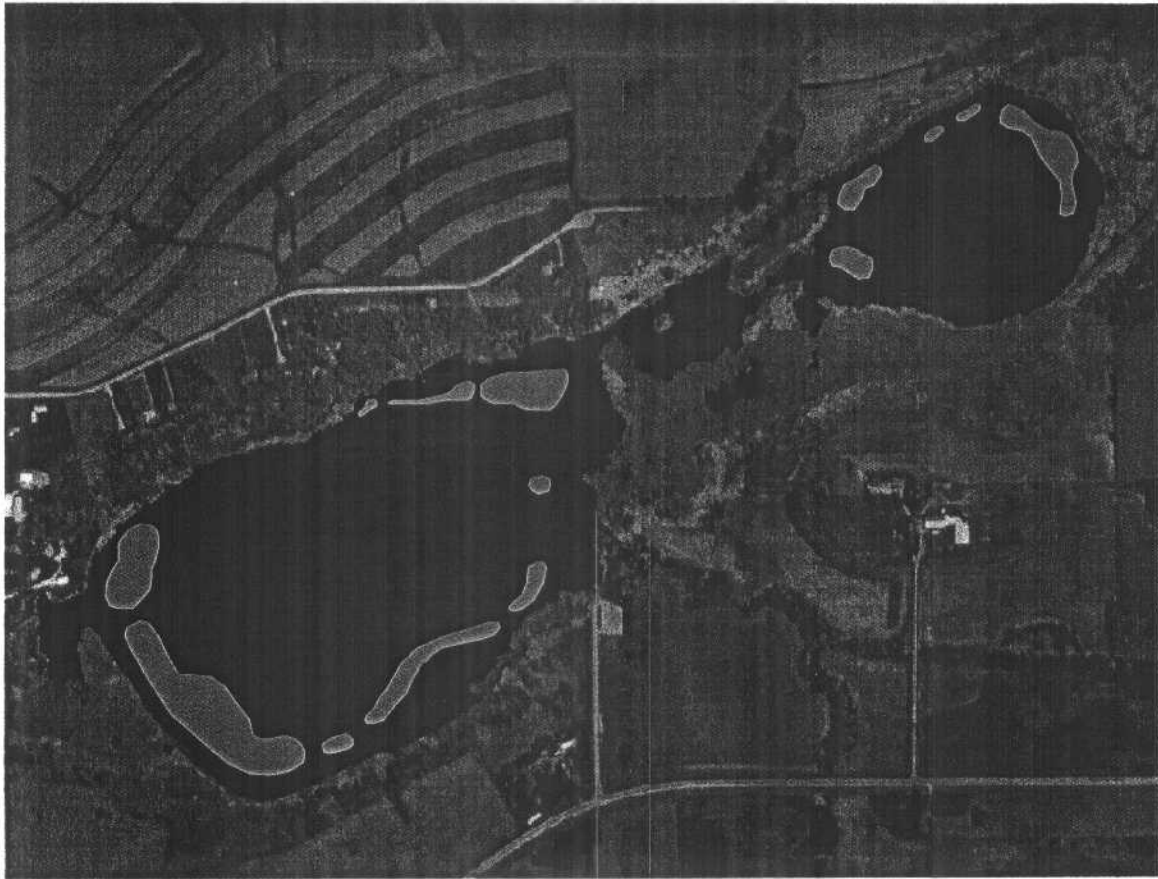


Figure 3. Distribution of Eurasian watermilfoil (*Myriophyllum spicatum*) on Twin Lakes, Green Lake County, on July 2, 2002.



0.3 0 0.3 Miles

 Eurasian watermilfoil



Figure 4. Distribution of Eurasian watermilfoil (*Myriophyllum spicatum*) on Twin Lakes, Green Lake County, 2003. Note: map is a composite of several surveys; not all milfoil beds shown were present at the same time.

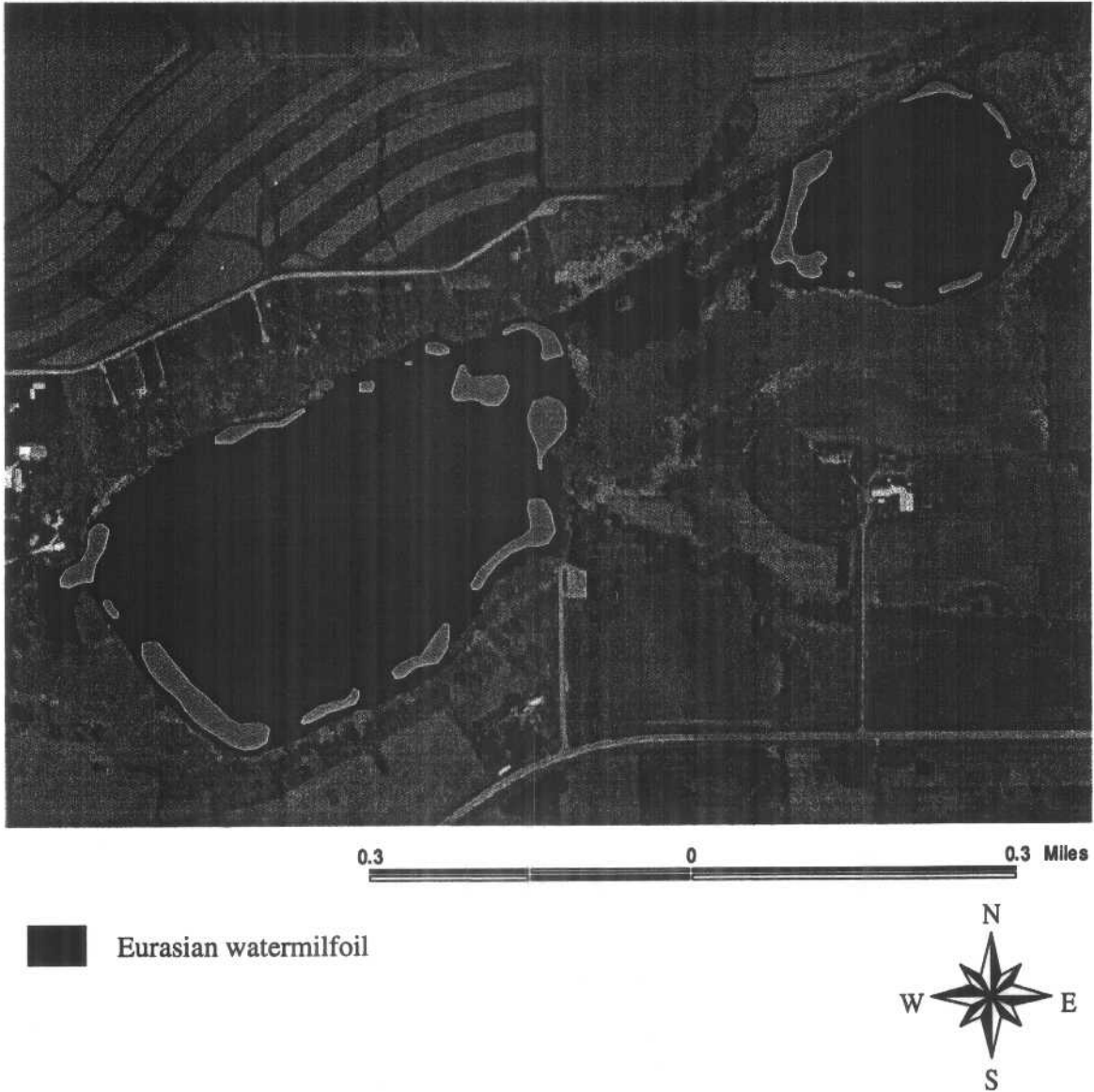
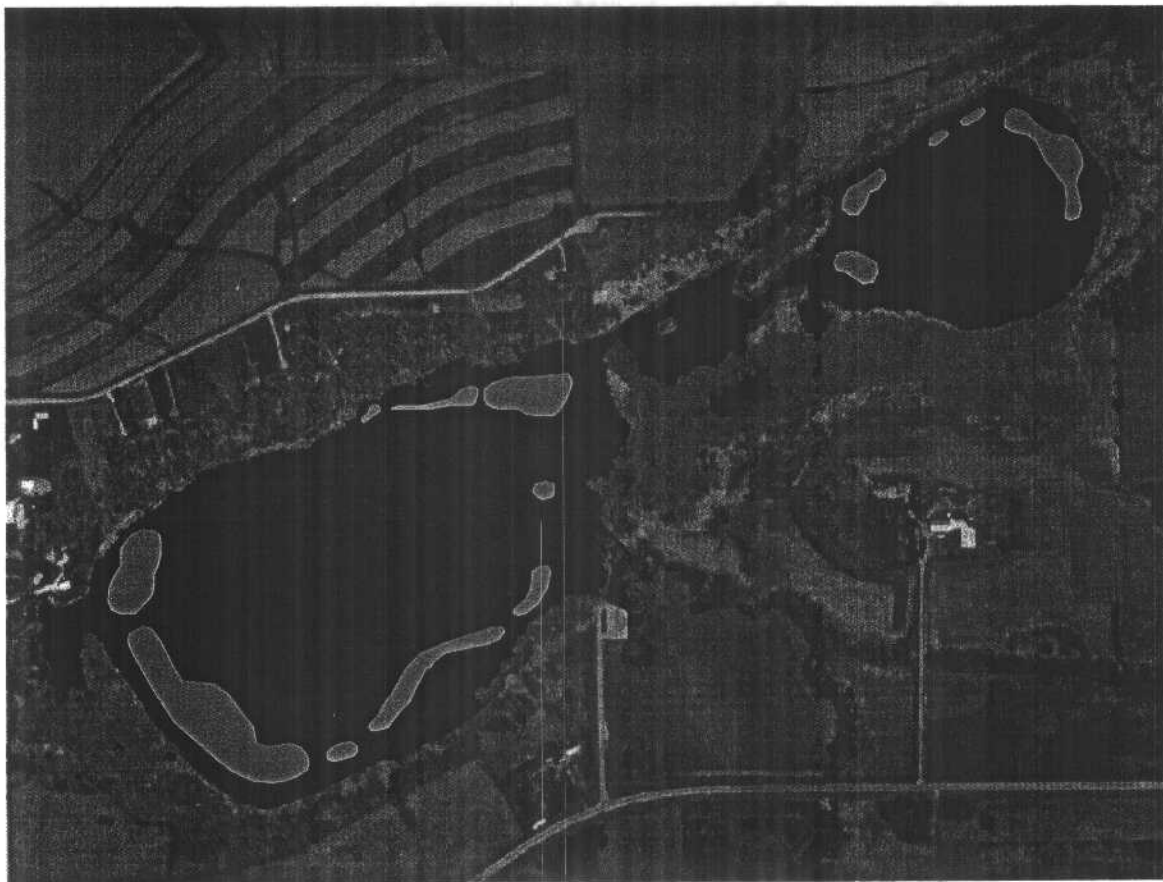


Figure 9. Distribution of Eurasian watermilfoil (*Myriophyllum spicatum*) on Twin Lakes, Green Lake County, June 2004.

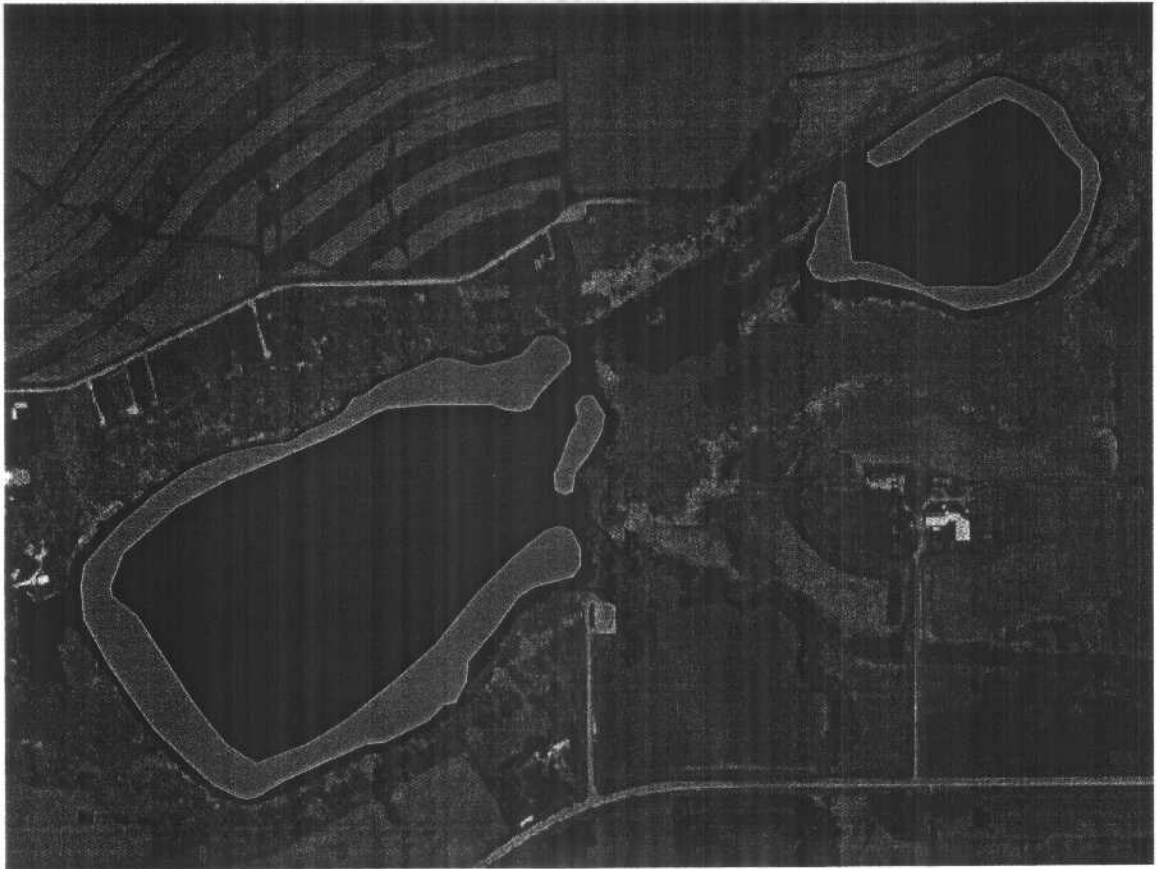


0.3 0 0.3 Miles

 Eurasian watermilfoil



Figure 12. Distribution of Eurasian watermilfoil (*Myriophyllum spicatum*) on Twin Lakes, Green Lake County, August 23, 2005.



0.3 0 0.3 Miles

■ Eurasian watermilfoil



Figure 11. Distribution of curly-leaf pondweed (*Potamogeton crispus*) on Little Twin Lake, Green Lake County, June 2004.

