

**Draft**

**Point-Intercept by the Invasive Species Program**

Division of Ecological Resources  
Minnesota Department of Natural Resources

**Lake:** Circle

**DOW Number:** 66-0027-00

**Date of point-intercept:** 21 July 2010

**County:** Rice

**Observer[s]:** Joe Eisterhold and Lauren Beal

**Time – on Water June 2:** 1100 hr

**Off water:** 1130 hr

**Type of inspection:** Inspection to confirm the presence of Eurasian watermilfoil (*Myriophyllum spicatum*)

---

**Author[s]:** Lauren Beal

**Date of report:** 21 July 2010

**Overall:** Circle Lake is located in Rice County near Lonsdale. It has 837.56 total acres with 624 littoral acres. The maximum depth of this lake is 14 feet and the maximum depth sampled with plant growth was 4 feet. This lake has one concrete DNR access on the north side of the lake.

The report of Eurasian watermilfoil came from a lake association member who saw it in the channel between Circle Lake and Fox Lake. He collected a sample and sent a digital photo to the Invasive Species staff on the 20<sup>th</sup> of July 2010. The part of the channel where Eurasian watermilfoil is present is located under a bridge off of 130<sup>th</sup> St W. The Invasive Species staff members sampled from the road to determine the plant’s abundance at that portion of the channel, approximately 25 plants were observed. During a point-intercept survey for curly-leaf pondweed on the 24<sup>th</sup> of June 2010, the Invasive Species staff inspected the inlet to Circle Lake and no Eurasian watermilfoil was found at that time. Future inspections will occur to check the presence of Eurasian watermilfoil. Curly-leaf pondweed was also sampled in a rare quantity. Native plants found at sampling site include: coontail, *Elodea*, flatstem pondweed. Emergent species include reed canary grass, cattails, and smart weed.

**Table 1.** Field survey data information for Lake Calhoun, June 30 2010.

GPS Point	Depth (ft)	Species/ Density
1	2	Coontail: Rare, Elodea: Rare, Flatstem: Rare, <b>Curly-leaf pondweed: Rare, Eurasian watermilfoil: Scattered</b>

**Table 2.** Locations of Eurasian watermilfoil found on Lake Calhoun on June 30 2010. X and Y coordinate follow the Universal Transverse Mercator (UTM) projection, Zone 15, North America.

GPS Point	X-Coordinate	Y-Coordinate
1	472964.746281	4916329.907693



**Figure 1.** Pic IMG\_0927. Sampling rake with elodea, curly-leaf pondweed, and Eurasian watermilfoil from the channel between Circle Lake and Fox Lake on 21 July 2010.

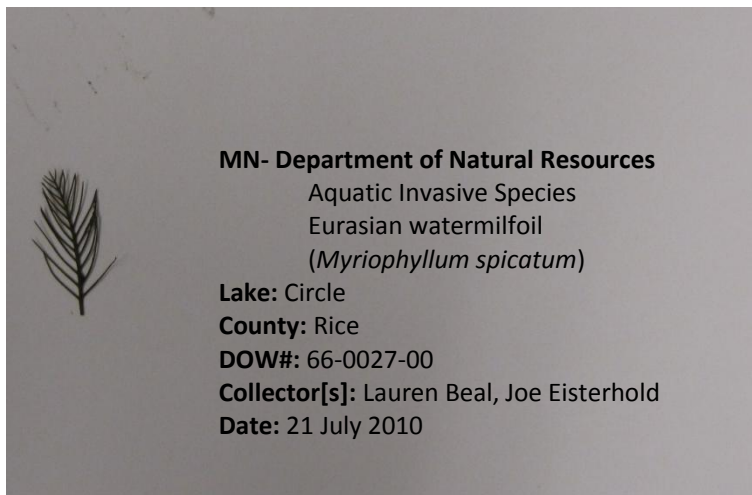


**Figure 2.** Pic IMG\_0932. Area under the bridge near Circle Lake where rooted Eurasian watermilfoil is present.





**Figure 3.** Pic IMG\_0933. Area under the bridge near Circle Lake where rooted Eurasian watermilfoil is present.



**Figure 4.** Pic IMG\_0935. A Eurasian watermilfoil leaflet from a rooted specimen found in the channel between Circle Lake and Fox Lake 21 July 2010.



**Figure 5.** Pic IMG\_0934. A specimen of Eurasian watermilfoil with roots from the channel between Circle Lake and Fox Lake sampled on 21 July 2010.