

DNR#0910

Ordinance No. 6560

AN ORDINANCE

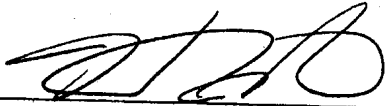
**AN ORDINANCE TO AMEND CHAPTER 9.24 OF THE CODE OF ORDINANCES OF THE CITY OF EAU CLAIRE ENTITLED "BOATING REGULATIONS"**


**THE CITY COUNCIL OF THE CITY OF EAU CLAIRE DO ORDAIN AS FOLLOWS:**

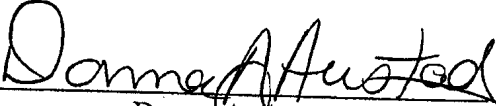
**Section 1. That section 9.24.030, entitled "Half Moon Lake – Motor boats", is hereby amended by naming the existing language as subsection A. and adding thereto subsection B. to read as follows:**

B. Within the Braun's Bay portion of Half Moon Lake, no boat shall be propelled by any internal combustion, electric, or other type of engine. Braun's Bay is the portion of Half Moon Lake located south and east of a line commencing at Latitude 44°48'12.28", Longitude 91° 31'36.36"; thence northwesterly to Latitude 44°48'21.56", Longitude 91°31'37.01"; thence northeasterly to Latitude 44°48'27.08", Longitude 91° 31' 30.53"; and west of Carson Park Drive.

**Section 2. That the provisions of this ordinance shall take effect January 1, 2005.**

(SEAL)   
Howard White, Council President

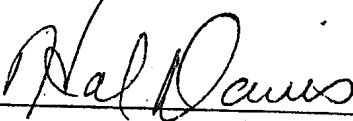
(SEAL)   
Don T. Norrell, City Manager

(ATTESTED)   
Donna A. Austad, City Clerk

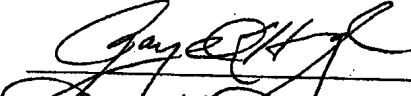
First Reading      November 9, 2004  
Second Reading    November 23, 2004  
Adopted            November 23, 2004  
Published          November 28, 2004

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Motion to adopt the ordinance.

  
Hal Davis

Seconded by:

  
Raymond K. Hughes

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Brauns Bay, Condition Summary, Eau Claire, Wisconsin.

Braun's Bay is a shallow water bay on Half Moon Lake Eau Claire WI. The bay contains a large amount of aquatic plants, some of which are not found anywhere else in Half Moon Lake. The City of Eau Claire has been working with the Wisconsin Department of Natural Resources in a cooperative effort to protect the aquatic plants and improve the water quality of Half Moon Lake. The use of motors of any kind in Braun's Bay would destroy plant life and greatly increase the suspension of sediment in the lake. As part of the water quality improvement and management plan of Half Moon Lake WI DNR has recommended that the use of motors in Braun's Bay be prohibited.

The use of motor boats has been shown to physically destroy plants as well as cause suspension of sediments. Because of the shallowness of the bay both of these negative consequences would be amplified.

This portion of the lake is very shallow and comprises only 7% of the total area of the lake so the prohibition of motors in this area would have very little detrimental effect on recreational users.

The WI DNR's Lake Management team provided the following assessment of Braun's Bay and their recommendation to prohibit motors in that area.

Braun's Bay is a critical part of Half Moon Lake deserving special preservation efforts. It is in the process of being designated a Critical Habitat Designated Area. This bay has only 7% of the area and only 2.5% of the volume of the lake but contains 77% of all non-invasive macrophyte species logged in the June, 2009, aquatic plant survey (Schmidt and Trombly) using a point intercept sampling grid to objectively identify both species and their distribution. 24 non-invasive species of aquatic plants were found to be present in Brauns Bay including 3 species not found elsewhere in the lake at that time : *Chara* (muskgrass), *Nuphar variegata* (yellow water lilly), and either a *Schoenoplectus sp.* (sedges) or *Bolboschoenus fluviatilis* (river bulrush). Although species and distribution will change over time, the long term prospect is that Brauns Bay is a critically important asset to Half Moon Lake. Brauns Bay aquatic plants are critical to the recolonization of the aquatic plant community throughout Half Moon Lake.

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Half Moon Lake is undergoing a lake restoration project with a major goal of reestablishing a diverse aquatic plant community throughout the lake. This bay is too shallow for use of any outboard motors without causing extreme suspension of sediments.

Patrick Sorge, WI DNR  
Neil Trombly, WI DNR