

Jordan Lake

2022 Fall Aquatic Invasive Species Survey Summary

On September 15, 2022, Cason & Associates, LLC conducted an Aquatic Invasive Species survey on Jordan Lake.

During the survey, Eurasian Watermilfoil/Hybrid Watermilfoil (EWM/HWM) was observed. The acreage of EWM/HWM we observed on this survey is outlined in the table below by density:

| EWM/HWM Densities | 2021 Surveyed Acres | 2022 Surveyed Acres (Post-Treatment) |
|--------------------------|----------------------------|---|
| Highly Scattered | 3.86 | 7.30 |
| Scattered | 6.80 | 2.27 |
| Moderately Dense | 1.08 | 0.24 |
| Dense | 1.86 | 0.39 |
| Total Acreage: | 13.60 | 10.20 |

ProcellaCOR was applied to selected areas to treat EWM/HWM in early summer 2022. The overall acreage of EWM/HWM has decreased across Jordan Lake. The density has also shifted within the lake; most of the areas with invasive milfoil were observed as being highly scattered. The other densities have decreased in acreage by as much as 79%. The treatment conducted was successful at both decreasing the acreage of invasive milfoil and reducing the density overall.

We recommend for 2023 to target the remaining areas of EWM/HWM to continue to reduce the density and the overall area of the invasive. Continued work to remove this aggressive non-native is necessary to not allow the lake to return to the previous undesired state.

The following deliverables are attached to this survey summary:

1. Aquatic Invasive Species Survey Map

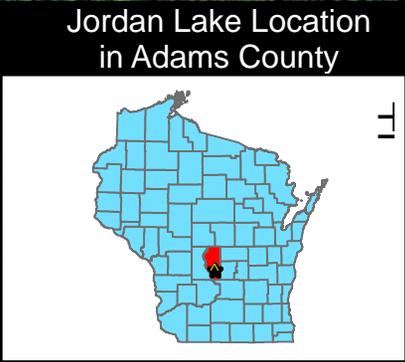
Thank you for your business and for allowing us to perform this service for your association. If you have any questions, please contact me at 920-290-6810 or lance@casonassociates.com.

Sincerely,

Lance Paden



Source: Esri, USDA FSA, Esri Community Maps Contributors, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, US
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, C



Legend

- Highly_Scattered_EWM
- Moderately_Dense_EWM
- Scattered_EWM
- Dense_EWM

Jordan Lake Aquatic Invasive Species Survey for Eurasian/Hybrid Watermilfoil

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|------------------------------------|--|----------------------------|
| FIELD DATE(S): 9/15/2022 | CLIENT: Jordan Lake R. & P. District | CITY: Jackson |
| DRAWN DATE: 10/14/2022 | COUNTY: Adams County | STATE: Wisconsin |

Cason
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