

LAKES OR OTHER OPEN WATER EVALUATION

(Lakes, Ponds, Impoundments, Flowages, etc.)

Wisconsin Department of Transportation

Factor Sheet C-3

Alternative	Total Length of Center Line of Existing Roadway
Preferred <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None identified	Length of This Alternative

A separate factor sheet must be completed for each Lake or other open water body.

See WDNR Surface Water Classifications: Outstanding Resource Waters (NR 102.10): Exceptional Resource Water (NR 102.11): Great Lakes Systems (NR 102.12(1)): Fish and Aquatic Life Waters (NR 102.13): Waters listed in NR 104.05, Tables 3-8

1. Name of Lake or Water body: _____

2. Location of Lake or Water body:

Section-Township-Range: _____ (For a large water body, give location where it makes
Township Name: _____ contact with the project.)

3. Lake or Water body Type:

- Lake
- Pond
- Bog
- Impoundment
- Flowage
- Other – Describe:

4. Area of Water body:

Acres: _____

5. Hydrologic characteristics:

- Permanent (year-round)
- Temporary (dry part of year)

6. Lake or Water body Characteristics:

Work with WDNR liaison to gather this information.

Substrate:

- Sand
- Silt
- Clay
- Cobbles
- Other - Describe

Maximum Depth:

Feet _____

Vegetation in Lake or Water body:

- Absent
- Present - If known – Describe:

7. Identify Aquatic Species Present:

“Aquatic species” are not just fish. They may include water-dependent mammals (muskrat and beaver), amphibians (frogs, toads and newts), crustaceans (crayfish), mollusks (clams), insects and plants.

8. If water quality data is available, include this information: (e.g., DNR or local discharger might have such records)

9. If bridge or box culvert replacement, are migratory bird nests present?

- Not applicable
- None identified

Project ID# _____

- Yes – Identify bird species present: _____
Estimated number of nests is: _____

The most common species observed nesting under existing bridges are cliff and barn swallows and eastern phoebe. The nesting period for both species has been established as May 15 through August 20. Work which may disturb or destroy active nests during the nesting period requires the contractor to apply for a depredation permit from the US Fish and Wildlife Service. If other species of migratory birds are found nesting under the existing structure, the project manager or contractor should contact the Regional Environmental Coordinator to determine the active nesting period and the appropriate actions required.

10. Is a U.S. Fish & Wildlife Depredation Permit required to remove swallow nests?

- Not Applicable.
 Yes.
 No - Describe mitigation measures:

An active nest is a nest with eggs or chicks. An unfinished nest is not considered active unless eggs have been laid. The need for a permit may be avoided by removing all inactive nests prior to May 15 and installing an acceptable netting under the existing superstructure. The netting should seal off the entire area with a continuous barrier to prevent birds from entering through small openings and shall be taut to prevent wind damage. Suitable netting should have a mesh opening size of ¾" or less. Snow type fence, wire reinforced filter fabric, and poultry wire are acceptable. Mist net or any other thin flexible netting that could trap or entangle birds are not acceptable. The netting should be maintained until August 20 or until the existing superstructure is completely removed.

11. Describe land adjacent to lake or water body:

If wetland impacts, complete Wetland Factor Sheet C-1.

12. Describe proposed work in, over, or adjacent to lake or water body;

13. Discuss probable direct impacts to water quality in the water body, both during and after construction.

Indicate the probable effects on plants and animals inhabiting or dependent upon the lake or water body:

14. Are measures proposed to enhance beneficial effects:

- No.
 Yes - Describe: _____

This question is focused on measures to enhance beneficial effects. Beneficial measures might include such things as boulder retards or improved fish passage measures. Erosion control or storm water management measures which will be used to prevent damage to the lake should be shown on Erosion Control Impact Evaluation, Factor Sheet D-6 and Stormwater Evaluation, Factor Sheet D-5.

All environmental commitments must be listed on Basic Sheet 8, Environmental Commitments.