

IMPERVIOUS SURFACE AREA CALCULATION

These impervious surface area calculations are required per Section 8.014 of the Sauk County Shoreland Protection Ordinance. The County impervious surface standards apply to the construction, reconstruction, expansion, replacement or relocation of **ANY** impervious surface on a riparian lot of record and any non-riparian lot or record or that part of said lot of record that is located within 300 feet of the ordinary highwater mark of any navigable lake, pond, flowage or waterway. An impervious surface is an area that releases, as runoff, all or a majority of the precipitation that falls on it. Under the County's Shoreland Ordinance, an **IMPERVIOUS SURFACE (AREA)** includes all of the following:

- All buildings/structures
- Patios constructed with pavers, stone, concrete, blacktop, etc.
- Decks and porches (covered and uncovered)
- Driveways, sidewalks, walkways and stairways constructed with wood, stone, pavers, gravel, concrete, blacktop, etc.
- Private or easement road surfaces
- Any other surface or material determined by the County to be impervious.

An impervious surface (area) excludes grassed and/or other vegetated areas, frozen soil, public road surfaces, or other surfaces listed as exempt in the Ordinance.

To complete this worksheet, you will need to provide the dimensions and area calculations for **ALL** impervious surfaces on your lot that are located (or to be located) within 300 feet of the ordinary high water mark (OHWM) of a navigable lake, pond, flowage or waterway. If additional space is required, please attach separate sheet(s) with the applicable dimensions and area calculations shown.

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- 1 Will any part of your proposed construction (impervious surface) project be located within 300 feet the water?
 NO. Impervious surface calculation not required. **YES**, go to line 2.
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- 2 Is your property a vacant, undeveloped lot (*i.e., no existing impervious surfaces present*)?
 NO, go to line 3 and enter calculations for both pre-construction and post construction.
 YES, enter "0" (zero) on line 14 for Pre-Construction, then go to line 4 and enter Post Construction calculations.
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- 3 Complete the **Table: Pre & Post Construction Shoreland Impervious Surface Area** (lines 4 thru 14) calculations below.

| TABLE | | | |
|--|--------------------------|---------------------------|-------|
| (PRE & POST CONSTRUCTION) SHORELAND IMPERVIOUS SURFACE AREA | | | |
| <ul style="list-style-type: none"> • Calculate ONLY for the impervious surface areas of your property that are located within 300 feet of the ordinary high water mark (OHWM). | | | |
| Structure or Surface | Pre-Construction (sq/ft) | Post Construction (sq/ft) | Notes |
| 4 House <i>(or other principal structure)</i> | | | |
| 5 Deck | | | |
| 6 Patio | | | |
| 7 Porch | | | |
| 8 Garage | | | |

| | | | |
|----|--|--|--|
| | | | |
| | | | |
| 9 | Shed | | |
| | | | |
| | | | |
| 10 | Sidewalk/Stairway | | |
| | | | |
| | | | |
| 11 | Driveway | | |
| | | | |
| | | | |
| 12 | Compacted parking area | | |
| | | | |
| | | | |
| 13 | Other | | |
| | | | |
| | | | |
| 14 | Add lines 4 thru 13. TOTAL | | |
| 15 | Required Construction Site Plan: Attach a site plan of your property (either dimensioned or drawn to scale) showing the proposed construction impervious surface areas listed in the Table above. | | |

16 Area of your property within 300' of the OHWM (in square feet) Don't Know

NOTE: One (1) acre is equal to 43,560 square feet.

EXAMPLE: If your property is 1.2 acres, then multiply 1.2 x 43,560 = 52,272 sq/ft

17 If the Post Construction sq/ft is larger than the Pre-Construction sq/ft, divide line 14 for Post-Construction by line 16 and multiply by 100. This is your **PERCENT IMPERIOUS SURFACE**.

EXAMPLE: 2,800 sq/ft / 52,272 sq/ft x 100 = 5.3%

If the Post Construction sq/ft is equal to or less than the pre-construction sq/ft, then go to line 18.

LINE 17 IS LESS THAN OR EQUAL TO 15%

Your proposed project complies with the impervious surface standards of the Sauk County Shoreland Ordinance.

LINE 17 IS GREATER THAN 15% BUT LESS THAN OR EQUAL TO 30%

Your shoreland land use permit cannot be issued by the Land Resources and Environment Department until the property owner develops, submits, and agrees to and records a County approved mitigation plan that meets the standards set forth in Section 8.017 of the Sauk County Shoreland Protection Ordinance.

LINE 17 IS GREATER THAN 30%

Your project exceeds the maximum percentage of impervious surface permitted by the Sauk County Shoreland Protection Ordinance. Your shoreland land use permit cannot be issued by the Land Resources and Environment Department as proposed.

Round to nearest whole number

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- 18 Sign and date this form and submit this form along with your Land Use Permit application (and any other applicable worksheet[s]) to the Sauk County Land Resources and Environment Department for review and approval. Please contact our office to discuss any questions on the Impervious Surface Standards.

| | |
|--|-------------------------------------|
| Site Address: _____ | Site Tax Parcel Number: _____ |
| Person completing this form (Print) _____ | Daytime Phone (_____) _____ — _____ |
| Signature of person completing this form _____ | Date _____ |

NOTE: THIS WORKSHEET IS SUBJECT TO REVIEW AND APPROVAL BY THE SAUK COUNTY LAND RESOURCES AND ENVIRONMENT DEPARTMENT.

OFFICE CONTACT INFORMATION

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