

# City of Spicer Impervious Surface Calculation Sheet

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Property ID #: \_\_\_\_\_

Total Lot Area: \_\_\_\_\_

Use the following table to Calculate Total Impervious Surface Area:

(Complete all that apply. Example calculation on backside of form)

Impervious Surface Item	Dimensions	Area (ft <sup>2</sup> )
Proposed or Existing House		
Proposed Addition		
Proposed Accessory Building or Garage		
Existing Accessory Building 1		
Existing Accessory Building 2		
Sidewalk(s)		
Patio(s) & Deck(s)		
Driveway and Parking Area (including Gravel Surfaced Areas)		
Other		
Attach additional sheet as anecessary		Total:
Total Impervious Area %:		

I certify that the above information is true and accurate to the best of my knowledge and that I have included all existing or proposed impervious surfaces. I understand that supplying erroneous information may result in the need to remove impervious surfaces if it is discovered that the maximum coverage has been exceeded.

Signature of Applicant \_\_\_\_\_

Date \_\_\_\_\_

This calculation sheet is a necessary attachment for all land use/building permit applications in shoreland and residential zoning districts. Because of the impact of storm water runoff on surface water, the City of Spicer Surface (Storm) Water Management Ordinance limits the amount of impervious surface coverage allowed in shoreland and residential areas. In order to assure compliance with this ordinance, an accurate calculation of the amount of impervious surface coverage is needed. A short definition of impervious surface is "any constructed hard surface that prevents or retards the flow of water into the soil". Examples of impervious surfaces include rooftops, sidewalks, parking lots, patios, and roads or driveways made of asphalt, concrete or gravel and wood decks.

**Impervious Surface Limits: Regular Residential: 40% • Lakeshore: 25% • Natural Environmental Lakeshore: 20%**

**EXAMPLE** table to Calculate Total Impervious Surface Area:

Total Lot Area: 8580

<i>Impervious Surface Item</i>	<i>Dimensions</i>	<i>Area (ft<sup>2</sup>)</i>
<i>Proposed or Existing House</i>		<i>1250</i>
<i>Proposed Addition</i>		
<i>Proposed Accessory Building or Garage</i>		
<i>Existing Accessory Building 1</i>		<i>400</i>
<i>Existing Accessory Building 2</i>		
<i>Sidewalk(s)</i>	<i>West</i>	<i>56</i>
	<i>North</i>	<i>84</i>
	<i>Front Entrance</i>	<i>30</i>
<i>Patio(s)</i>	<i>Circle</i>	<i>96</i>
	<i>Walk</i>	<i>36</i>
<i>Driveway and Parking Area (including Gravel Surfaced Areas)</i>	<i>6 x 6 concrete slabs x13</i>	<i>200</i>
<i>Other</i>		
<i>Attach additional sheet as anecessary</i>		<b>Total: 2152</b>
<b>Total Impervious Area %</b>	<i>Formula=Area(ft<sup>2</sup>) / Total Lot Area</i>	<i>2152/8580=25%</i>

The complete ordinance can be found in Shoreland Management District Document, Article XIII, Section 13.05 Zoning & Water Supply/Sanitary provisions, E. Storm water management, #3. Impervious Standards