

Landowner / Parcel #: _____

Date: _____

Lot Impervious Surface Coverage & Landscaping for Stormwater Worksheet

Please use the table below to calculate your impervious surface coverage. Impervious coverage is limited to 25% of the total lot area. Calculate out all that apply to your situation. If a structure has odd dimensions or if using to size stormwater basins, multiple rows / sheets may be needed. If total imp. of irregular structure or driveway is known, just multiply by 1.

<u>Existing Structures</u>	<u>Length (ft)</u>		<u>Width (ft)</u>		<u>Total (in sq. feet)</u>	
House, garage, shed Boathouse Greenhouse Other (Dog Kennel, etc.)	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
<i>Driveways* & Landscaping:</i>						
Driveway*, Parking Area, Apron, Boat Ramp, Sidewalk, Patio, Paving Stones, Landscaping (incl. plastic), Other	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
Total Existing Impervious					(sq ft)	
<u>Proposed Structures</u>						
House, garage, shed Boathouse Greenhouse Other (Dog Kennel, etc.)	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
<i>Driveways* & Landscaping:</i> <i>*Assumes a 12' wide driveway unless evidence to the contrary</i>						
Driveway*, Parking Area, Apron, Boat Ramp, Sidewalk, Patio, Paving Stones Landscaping (incl. plastic), Other	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
	(ft)	X	(ft)	=	(sq ft)	
Total Proposed Impervious					(sq ft)	
Total Lot Area (sq. ft.) =				Total existing Impervious	=	(sq ft)
				Total w/new Impervious	=	(sq ft)
				% existing impervious	=	%
				% w/new impervious	=	%

Simple Calculator for Approximating Size of Stormwater Practice & Amount of Phosphorus Reduction:

Total w/ new impervious:			Storage volume:		Bottom size (sq ft) of infiltration area by depth					
			Gal / Cu ft (= gal / 7.48)		3"	6"	9"	12"	15"	18"
x	0.623 / 0.083	=	Gal	Cu ft	cu ft x 4	cu ft x 2	cu ft x 1.33	cu ft x 1	cu ft x 0.8	cu ft x 0.67
Total exst imp	=	x	0.0000366	=	Existing phosphorous loading (lbs/yr)					
Tot w/new imp	=	x	0.0000366	=	Phosphorous reduction w/ stormwater mgmt					
For rain barrels, use this formula to determine size/amount needed:			Roof area (sq ft)	x	0.5625	=	Gallons generated from a 1" rain event			