

Risk Assessment Worksheets

New Construction

Assessment Worksheet 1 - Construction Concerns

The assessment worksheet below will help you identify potential environmental risks related to how you manage new construction on your property. For each question indicate your risk level in the right-hand column. Some choices may not correspond exactly to your situation. Choose the response that best fits. When finished, turn to the New Construction Action Worksheet on page 6-12, and record your medium and high-risk practices. The goal is to lower your risks. Use the BMP recommendations provided in this section to help you decide how to best reduce pollution.

	LOW RISK	MEDIUM RISK	HIGH RISK	YOUR RISK
Building setbacks	My house and garage are over 75 feet from the lake, and our lot has a gentle slope with native vegetation.	My house is 40 feet from the lake, but there is a thick vegetative buffer.	My house was designed to be 25 feet from the water so we could be as close as possible.	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Nutrient loading	My landscape is all native and doesn't require any maintenance.	My soil is tested annually and fertilizer is only applied once a year when needed.	My landscape has a steep slope made up of plants that are fertilized often.	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Riparian habitat	I have kept all the plants that were growing along the shore to keep the water and fish cool and to prevent erosion.		I have removed all of the native vegetation along the shoreline so I could install a lawn.	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Stormwater runoff control	My stormwater is diverted into a vegetated swale that is located 100 feet from surface water. A vegetative buffer runs along my shoreline.	I have a vegetative buffer on my shoreline, but I have a sloping lawn above that is fertilized regularly.	I have a steep paved driveway that runs straight down to lake. Oil is visibly running toward the lake.	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Wastewater/septic	My septic tank is 100 feet upland from surface water and is inspected annually. The septic drainfield is 100-300 feet from surface water based on soil type.	My septic tank is old and 50 feet from surface water, but it is inspected annually and is functioning properly.	My house was built on a steep slope with a septic tank installed about 25 feet from surface water. It is an old system that has not been inspected in years. The drainfield is less than 100 feet from surface water.	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High

Assessment Worksheet 2 - Erosion and Sediment Control

When finished, turn to the New Construction Action Worksheet on page 6-12 and record your medium and high-risk practices. The goal is to lower your risks.

	LOW RISK	MEDIUM RISK	HIGH RISK	YOUR RISK
Site plan	I had a site plan developed by a professional trained in erosion prevention.		I haven't had a site plan developed for making clean water a priority.	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Slope of site adjacent to lake or a stream	0-2% slope	3-4% slope	5% and above	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Timing of construction	I schedule construction work and erosion prevention applications for optimal conditions: dry, low-runoff periods when erosion is lowest.	Though construction work is performed during the wet season, I use erosion-prevention BMPs to help reduce runoff.	Construction work is performed during the wet season, and no erosion-prevention BMPs are used.	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Erosion control	I keep existing vegetation, except around the building foundation and access areas. I make sure areas of bare soil are seeded and topped with a layer of mulch or straw.	Soil on my lot is left bare during a construction project, but natural features slow and treat most runoff.	My entire lot was cleared for my new home. Bare soil is exposed.	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Sediment control	I make sure that erosion controls are implemented and are inspected regularly. A silt fence has been installed as secondary protection for sedimentation.	My construction site is protected by natural vegetation, but no man-made sediment control devices are being used.	My construction site was cleared, and to save money, no erosion or sediment controls have been installed.	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High

