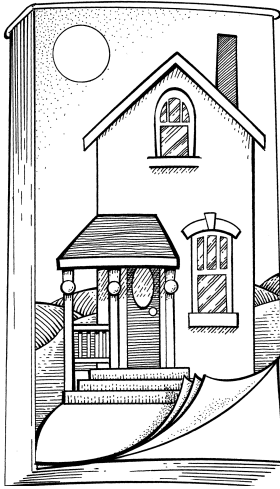


## Site Assessment: Protecting Water Quality Around Your Home



### Assessment 1:

#### Physical characteristics of your homesite

This assessment table is similar to the assessment tables in other modules in the Missouri Home•A•Syst series. For each question, three choices are given that describe situations or activities that could lead to high, medium and low risks to human or environmental health.

Do the best you can. For some questions, your well-drilling records or local well drillers may be able to help. Some choices may not be exactly like your situation, so choose the response that best fits. Mark your risk level (low, medium or high) in the right-hand column. Refer to the guide if you need more information to complete the table. If no choice is applicable, leave that item blank.

#### Physical characteristics of your homesite

	LOW RISK	MEDIUM RISK	HIGH RISK	YOUR RISK
Soil type and risks to lakes, rivers wetlands, or other surface water from runoff.	Sand/gravel (large particles)	Silt/loam (mid-size particles)	Clay (very tiny particles)	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Soil type and risks to groundwater from infiltration	Clay (very tiny particles)	Silt/loam (mid-size particles)	Sand/gravel (large particles)	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Soil depth	Deep (over 12 ft.)	Moderately deep (3 to 12 ft.)	Shallow (less than 3 ft.)	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Bedrock	Solid, not permeable or fractured	Solid limestone or sandstone	Fractured bedrock, any kind	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Depth to water table	Over 20 ft.	10 to 20 ft.	Less than 10 ft.	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Nearness of home to surface water	Over 100 ft.	25 to 100 ft.	Less than 25 ft.	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High

### Responding to risks

Do not depend solely on the physical characteristics of your soil, bedrock or other site features to protect water quality. You must take informed steps to prevent pollution. Although you can't change your soil type or the depth to bedrock, you can compensate for less-than-ideal conditions by choosing home management practices that are better for preventing environmental problems. Note especially the medium and high risks you identified. Keep them in mind as you complete your homesite map and work on other work sheets in this program.

## Assessment 2:

### Creating a map of your homesite

The instructions for this exercise, along with a sample and graph paper for you to use, can be found in the fact sheet that accompanies this work sheet.

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