

Water Storage Options in Rural Watersheds

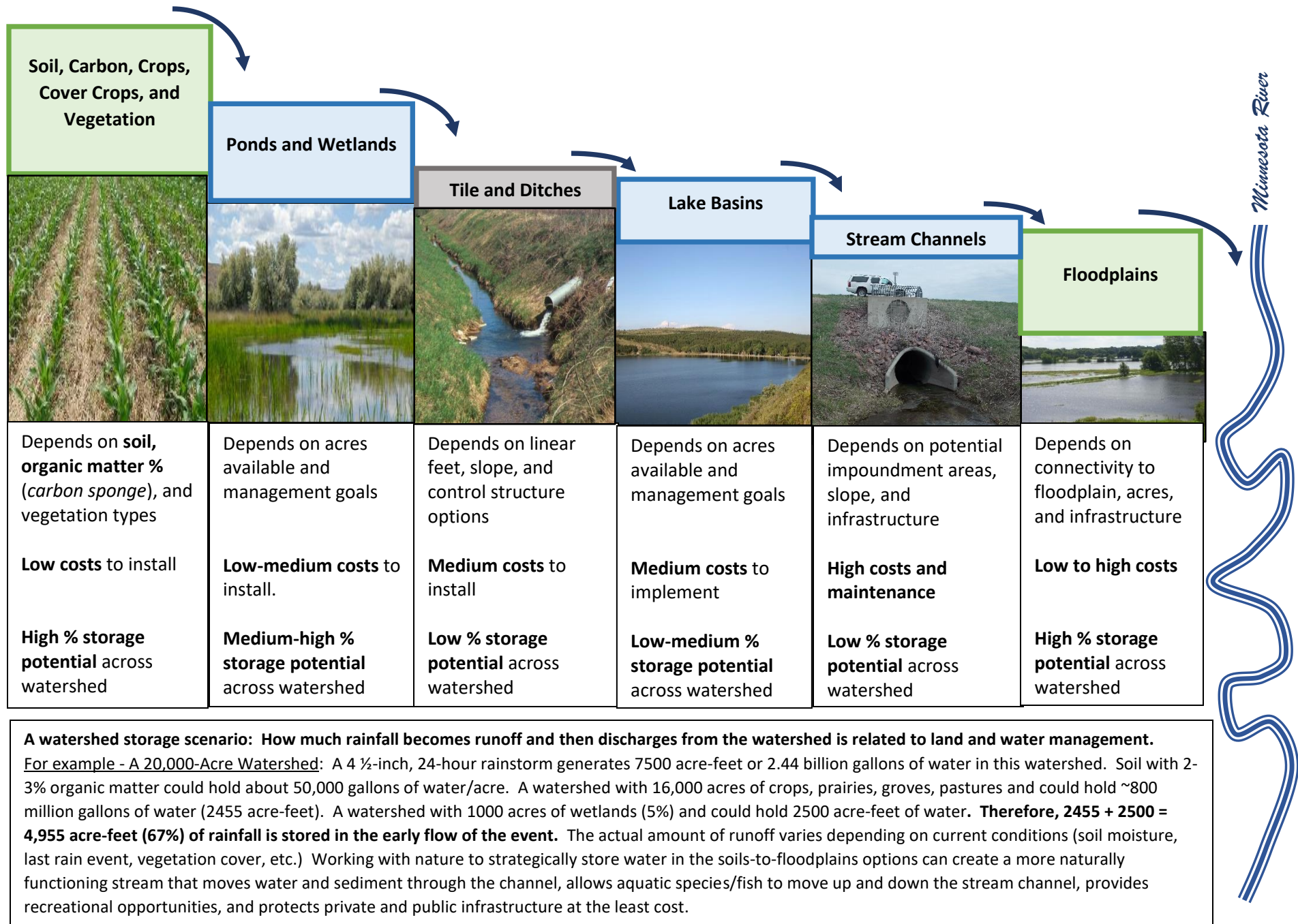
Worksheet Purpose

1. To set the stage for discussions on water storage options for individuals, groups, and government agencies.
2. To provide a path for engagement and to empower action for projects, programs, and policy.
3. To provide implementers a discussion framework to guide citizens, legislators, government staff, municipalities and other elected officials to make informed decisions on where to allocate resources for watershed storage.
4. To use as a template in the assessment of storage opportunities and costs for a specific watershed.
5. To support a standardization of concepts and terms relative to communicating and coordinating efforts related to watershed storage.
6. To discuss how a combination of storage options can create a more naturally functioning stream.

Identify Impacts to Specific Watersheds

1. Each storage strategy may be assessed for costs/benefits relative to:
 - a. Soil Health
 - b. Crop Production
 - c. Nutrient Cycling
 - d. Fish Migration
 - e. Water Quality
 - f. Wildlife Habitat
 - g. Aquatic Habitat
 - h. Stream Functions
 - i. ...
2. Each storage strategy may be assessed for short and long-term financial costs:
 - a. Design Costs
 - b. Implementation Costs
 - c. Long-term Costs
 - d. Operation and Maintenance Costs
 - e. Public and Private Liabilities (in case of failure)
 - f. Easement and Land Costs
 - g. ...

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Water Storage Options in Urban Watersheds

Worksheet Purpose

1. To set the stage for discussions on water storage options for individuals, groups, and government agencies.
2. To provide a path for engagement and to empower action for projects, programs, and policy.
3. To provide implementers a discussion framework to guide citizens, legislators, government staff, municipalities and other elected officials to make informed decisions on where to allocate resources for watershed storage.
4. To use as a template in the assessment of storage opportunities and costs for a specific watershed or neighborhood.
5. To support a standardization of concepts and terms relative to communicating and coordinating efforts related to watershed storage.
6. To discuss how a combination of storage options can create a more naturally functioning stream.

Identify Impacts to Specific Watersheds

1. Each storage strategy may be assessed for costs/benefits relative to:
 - a. Home Values
 - b. Curb Appeal
 - c. Overall Water Use
 - d. Community Access
 - e. Stream Functions
 - f. Nutrient Cycling
 - g. ...
2. Each storage strategy has short and long-term costs relative to:
 - a. Design Costs
 - b. Implementation Costs
 - c. Long-term Costs
 - d. Maintenance Needs Costs
 - e. Public and Private Liabilities (in case of failure)
 - f.

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