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Financing Source Water Protection with a “Community Quilt”

June 3, 2003

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Two “Take-home” messages for Today

★ There has never been, and will never be, enough public funding to get the job done.

On the other hand, there is plenty of money available overall, accessed primarily through private sources.

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⌚ There is too much financing information available to make sense of it all~you will need a framework within which to work.

How about a watershed framework?

How about using source water protection plans?

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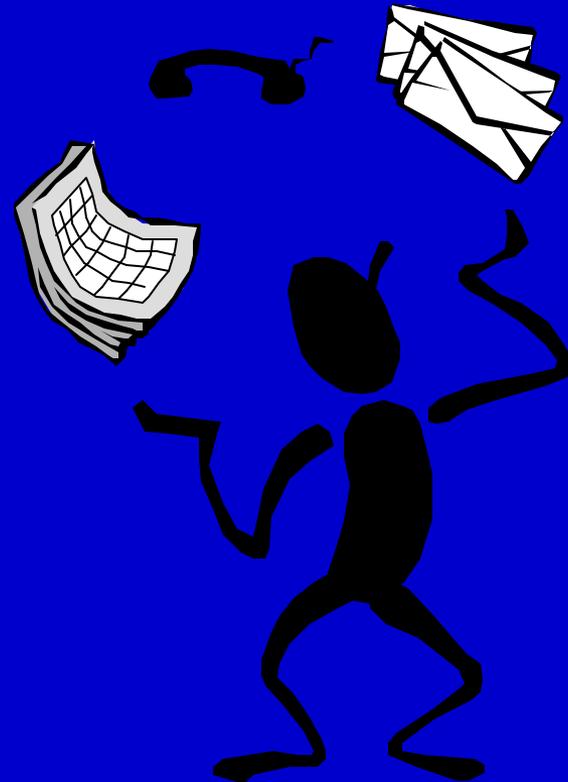
“Community quilt” concept of financing

- ★ Federal, State and Local programs *plus*
- 🕒 Financing techniques such as :
 - 📄 Innovative rate structures
 - 📄 Public-private partnerships
 - 📄 Storm water utilities

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Financing a source water protection plan involves:

- **Visioning**
- **Prioritizing**
- **Planning**
- **Cooperation**
- **Partnering**
- **Leveraging resources**
- **MONEY!**



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Identify and prioritize projects through:

- Results of source water assessments
- Source water protection plans
- Assessments and vulnerability studies
- 303(d) lists

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What are the tools to build a source water protection financing plan?

- ☆ Public funding through public programs
- 🕒 Private funding through funding techniques

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First Set of Tools:

**Public Funding through
Federal, State and Local programs**

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Capital Programs such as:

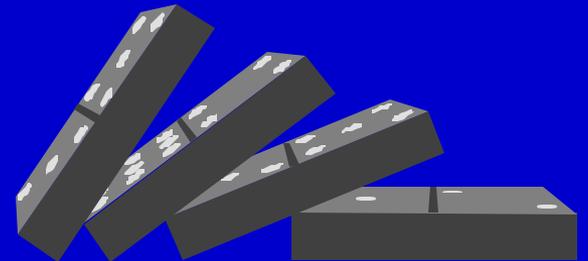
- Environmental Quality Incentives Program (EQIP)
- Wetlands Reserve Program (WRP)
- Community Development Block Grants (CDBG)
- DW/CW State Revolving Funds(SRF)
- State Programs (including abandoned well, capping wells)



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Planning Programs such as:

- Agricultural Water Quality Cost-share programs
- Stewardship Incentive Program (SIP)
- Partners for Fish & Wildlife



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Education Programs:

- Environmental Education grants(EPA)
- Coastal Zone Management Program
- Drinking Water Academy



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Funding for Maintenance of a project:

- Conservation Reserve Enhancement Program (CREP)
- Wildlife Habitat Incentives Program (WHIP)
- Woodland Incentive Program (WIP)

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Land Acquisition Programs:

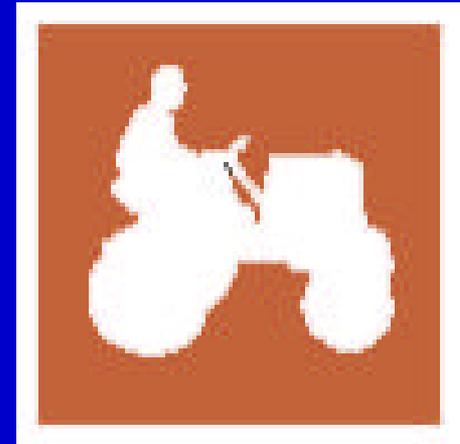
- DW/CW State Revolving Funds (SRFs)
- Conservation Reserve Program (CRP)
- State programs (bond issues, grants)
- Local programs
- Land Trusts



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Agricultural BMP programs:

- DW/CW State Revolving Funds (SRF)
- Conservation Reserve Program (CRP)
- Environmental Quality Incentives Program (EQIP)
- Wildlife Habitat Incentives Program (WHIP)
- State and Local Efforts



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Urban Programs:

- Community Development Block Grants
- DW/CW State Revolving Funds (SRF)
- Local Programs

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Wetlands programs:

- Partners for Fish & Wildlife (USF&WS)
- Wetland Reserve Program (USDA)
- North American Wetlands Conservation Act
- Five Star Restoration Program (USEPA)
- State and Local Mitigation Funds

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Riparian Forest Buffer Programs:

- Stewardship Incentive Program (NRCS)
- Forestry Incentives Program (NRCS)
- Conservation Reserve Program
- State Forestry Programs



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Second Set of Tools:

**Accessing Private Funding through
Financing techniques**

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Drinking Water and Waste Water Rate Structures

Free up local funds by getting your water and sewer utilities to be self-supporting

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Storm water management utility

What is it? An independent government entity which:

- Finances services for a specific geographic area
- Focuses the costs of enhanced services on the beneficiaries of those services
- Has the power to levy taxes, fees and special assessments
- Can issue debt independent of state or county government
- Can tap into the higher future value of property as a means of funding the capital improvements that will create the higher values (TIF)

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Who are your stakeholders?

Stakeholders include:

- Citizens, community groups
- Businesses and Industry
- Federal, State and Local governments
- Nonprofit organizations
- Colleges, Universities, Schools

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*How do these different stakeholders
contribute to a watershed financing
plan?*

*This is “in-kind” financing and should
be accounted for.*

Citizens, Community Groups

- Rain gardens and native species landscaping at home and office
- Replacement of impervious surfaces at home and office
- Reduction or elimination of pesticide and insecticide use at home and office

Business and Industry

- Environmental Audits
- Partner with other businesses to reuse waste streams
- Native species landscaping
- Tree planting on behalf of employees
- Promoting car-pooling, environmental awareness at home and office

Federal, State and Local Governments

■ Tax credits

- Agricultural, Suburban, Forestry best management practices
- Pollution control technologies
- In-fill development
- Brownfields redevelopment
- Stormwater management techniques

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**The *Community Quilt* Concept of
Financing a Source Water
Protection Plan**

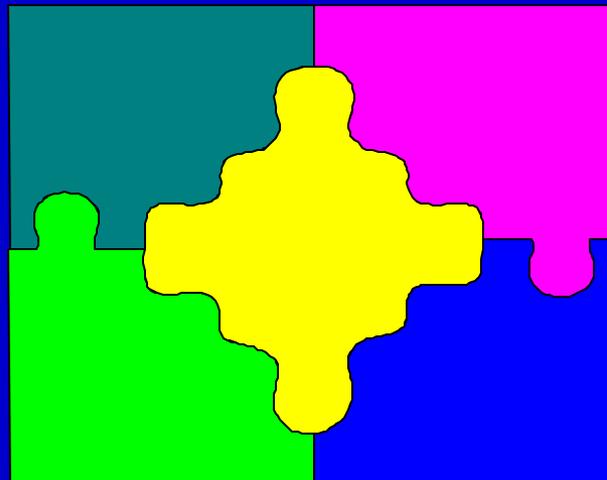
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Creating the Quilt: Identify land owners, land uses and stakeholders within a watershed to create a patchwork of funding opportunities.



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What's going on in your watershed?

- Drinking water needs?
- Wetlands?
- Forest buffers?
- Agriculture?
- Residential, commercial and industrial?
- Brownfields?
- Environmental justice issues?
- Economic development needs?
- Habitat opportunities?

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A Holistic approach...

Using a broader collection of terms
can broaden the sources of
funding
for your source water protection
plan

***Broad-based sources of
funding =
broad-based support
for your plan***

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