



Why Work at the Watershed Level?

April 12, 2016

Department of Environmental Quality

Cy Stober Source Water Assessment Program Manager



Hydrologically defined

Involves all stakeholders

 Strategically addresses priority water resource goals



What is the importance of understanding watershed science in the planning and implementation process?



What is the importance of understanding watershed science in the planning and implementation process?

- To understand causes, sources and impacts?
- To convince stakeholders to do the right thing?
- To be confident that if a management practice is put in place that it will show measureable results?



What do you think are the main drivers that move people to be involved, educate themselves and their constituents, and do their part in implementing management strategies?



Watershed goals can be thought of in the context of:

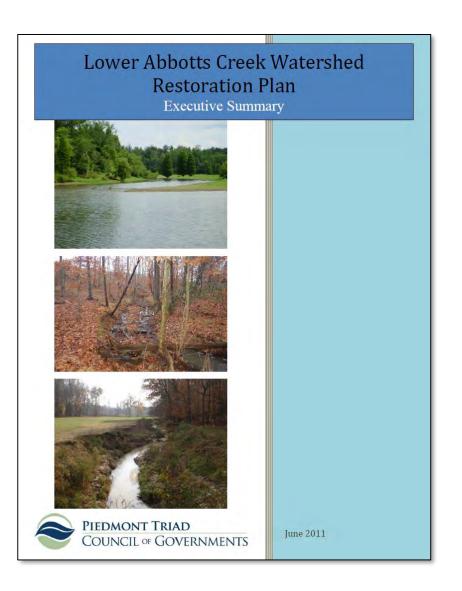
- Ecological
- Community / social
- Programmatic / political

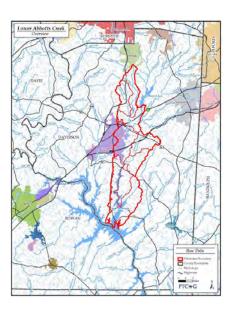


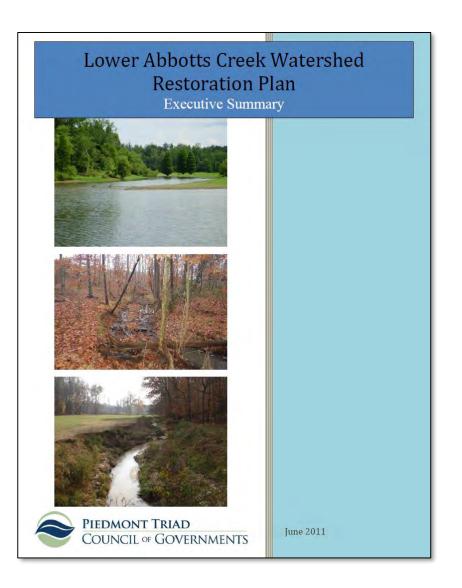
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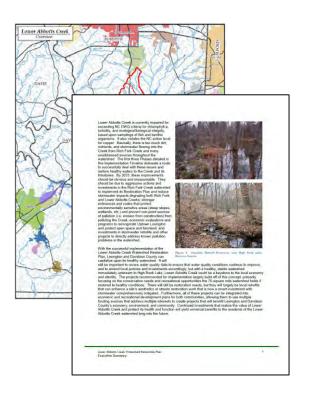
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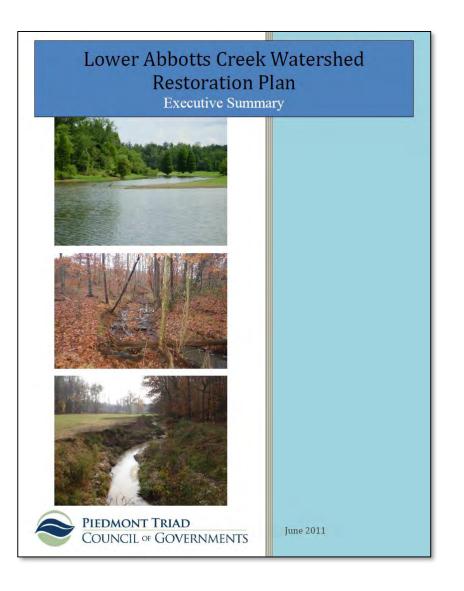


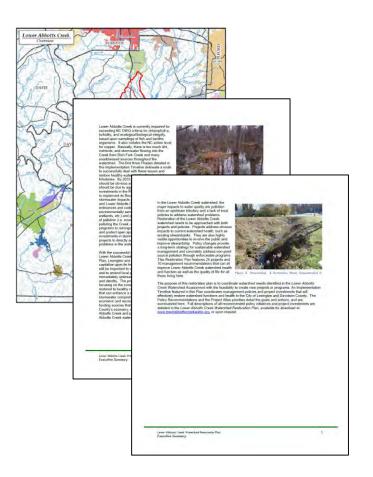


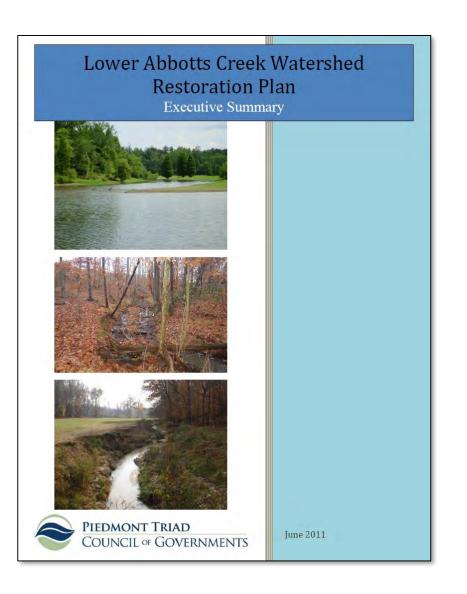


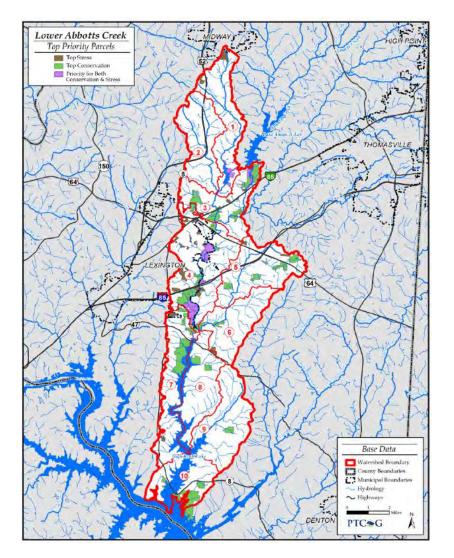








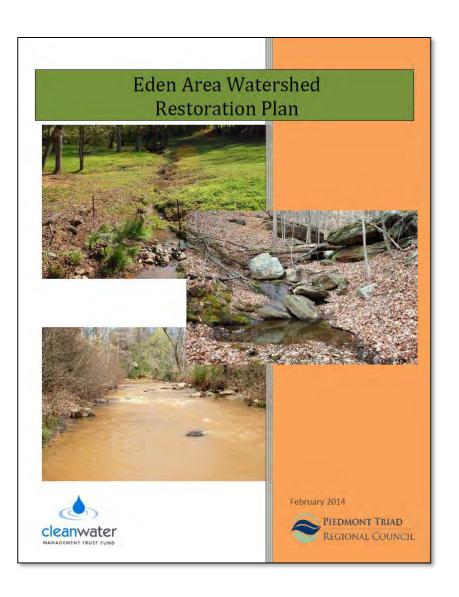


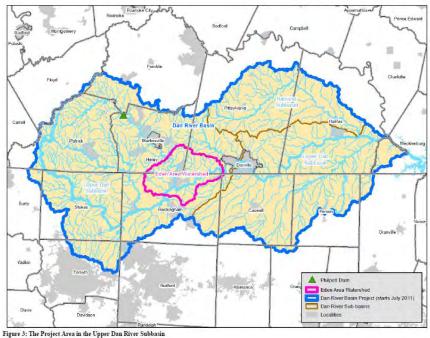


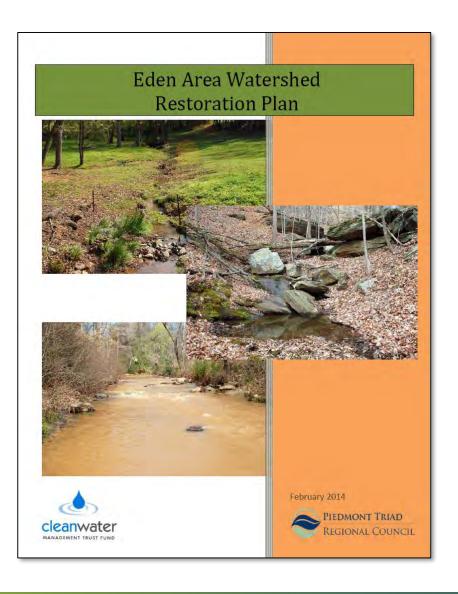
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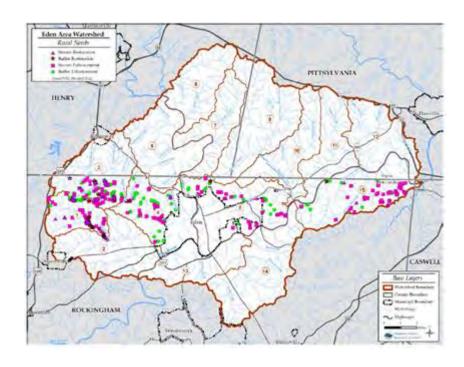
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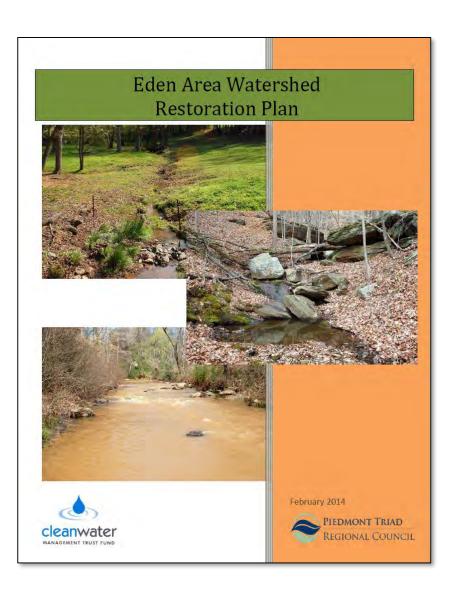


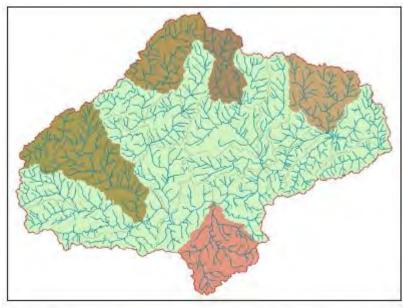


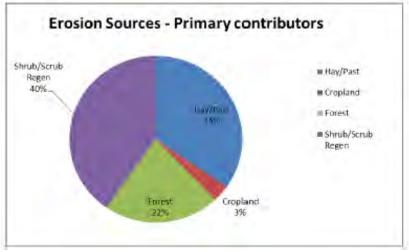


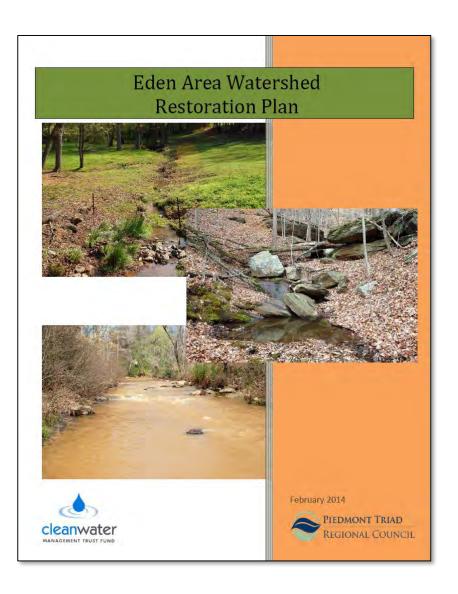


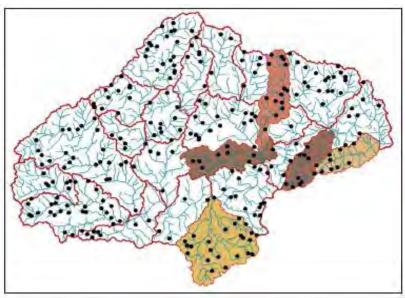


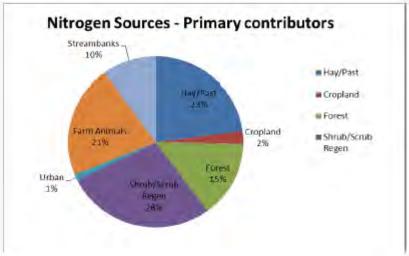










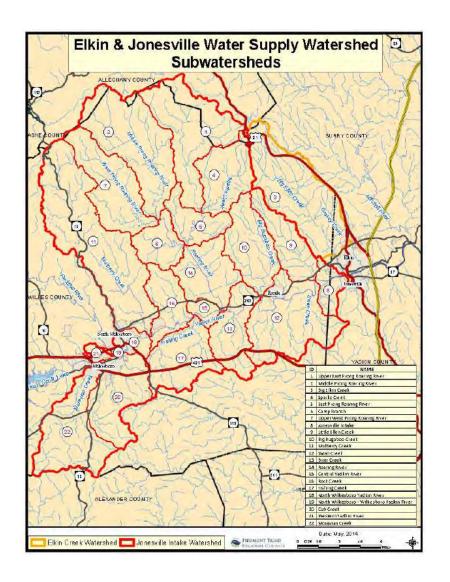


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ELKIN WATER SUPPLY PROTECTION & RESTORATION PLAN **Executive Summary** PIEDMONT TRIAD REGIONAL COUNCIL MANAGEMENT TRUST FUND



ELKIN WATER SUPPLY

PROTECTION & RESTORATION PLAN







Executive Summary

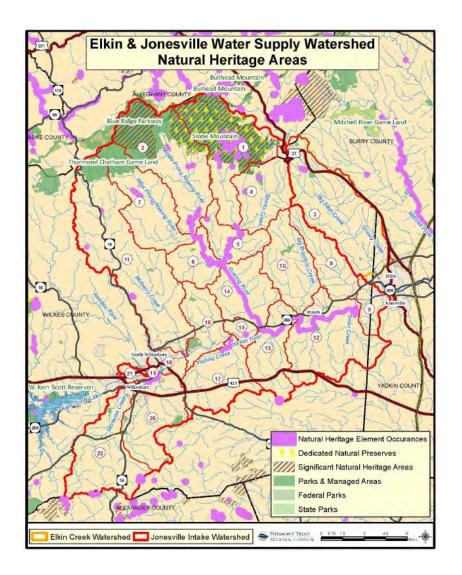


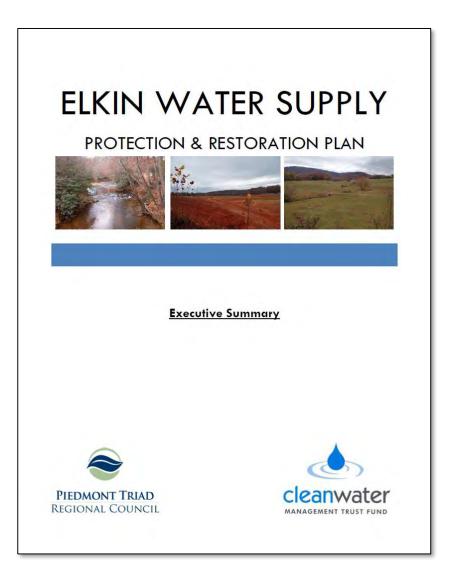


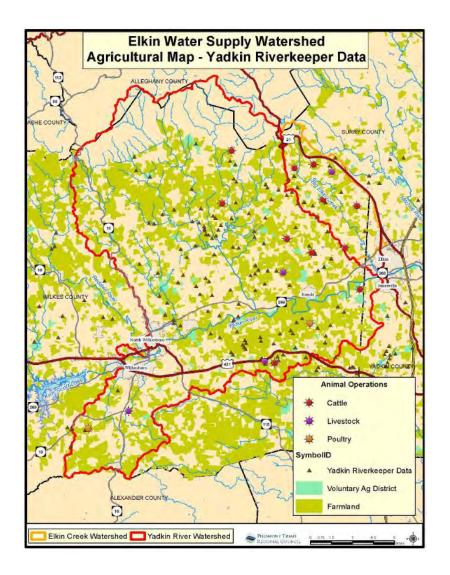




ELKIN WATER SUPPLY PROTECTION & RESTORATION PLAN **Executive Summary** PIEDMONT TRIAD REGIONAL COUNCIL







ELKIN WATER SUPPLY

PROTECTION & RESTORATION PLAN



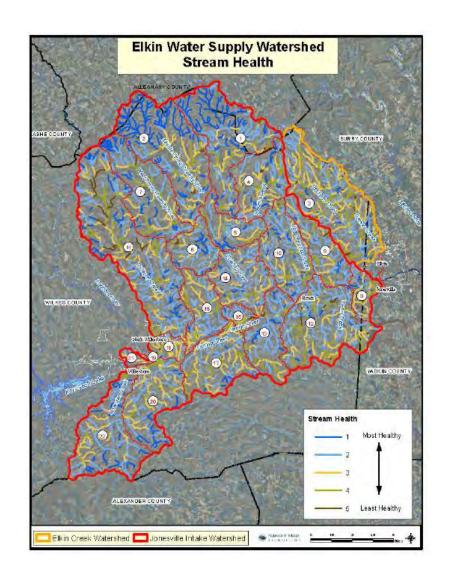




Executive Summary







ELKIN WATER SUPPLY

PROTECTION & RESTORATION PLAN



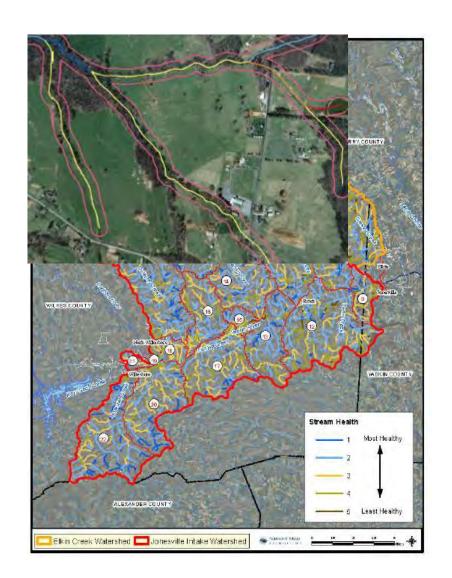




Executive Summary







- A watershed plan is a work plan for achieving water resource goals.
- Planning is a process that educates, builds relationships, and sets the stage for informed and focused actions.
- Watershed plan goals and management strategies will vary depending on local and regional priorities, and the management tools available to achieve those goals.
- A watershed plan is only successful if it is implemented.
- A watershed process is iterative, holistic, and collaborative.



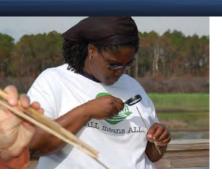
What makes a successful watershed planning and implementation process?

- Clear goals and management strategies
- Effective leadership
- Human and social capital have participation and all levels
- Full representation of the watershed
- Environmental, economic and social values are compatible.
- Strong education and outreach.
- Ability to measure and communicate progress.
- Build on small successes.

EPA, 1991 and Oregon watershed enhancement board, 2013

Department of Environmental Quality Division of Water Resources





















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Thank You!

Questions?

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