



SRF

STATE
REVOLVING FUND

GIS Mapping for Iowa's Nonpoint Source Projects

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INVESTING IN IOWA'S WATER

Iowa's SRF Programs

- **Partnership between Department of Natural Resources and Iowa Finance Authority**
- **Administer both CWSRF and DWSRF**



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Iowa's Nonpoint Source Programs

- **319 needs eligible for CWSRF assistance under Clean Water Act**
- **Iowa legislation passed in 2002 allowing state's CWSRF to loan to private borrowers for nonpoint source projects**
- **Four targeted programs created in state rules**



Iowa's Nonpoint Source Programs

- **Local Water Protection – soil and sediment control projects**
- **Livestock Water Quality – manure management plans, structures, and equipment**



Iowa's Nonpoint Source Programs

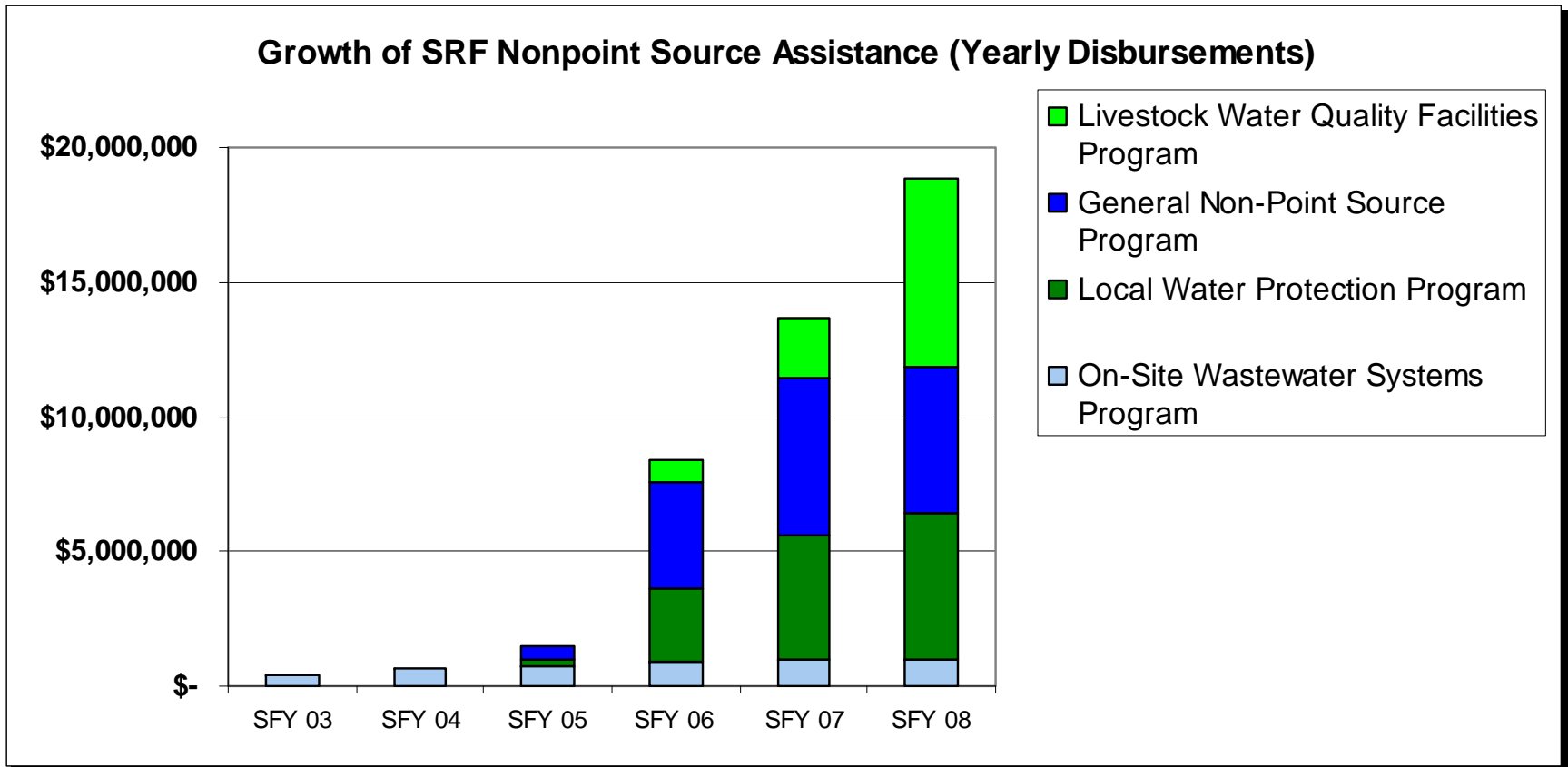
- **Onsite Wastewater – replace inadequate private septic systems**
- **General Nonpoint Source – storm water, brownfields, landfill closure, land preservation, etc.**



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Iowa's Nonpoint Source Programs



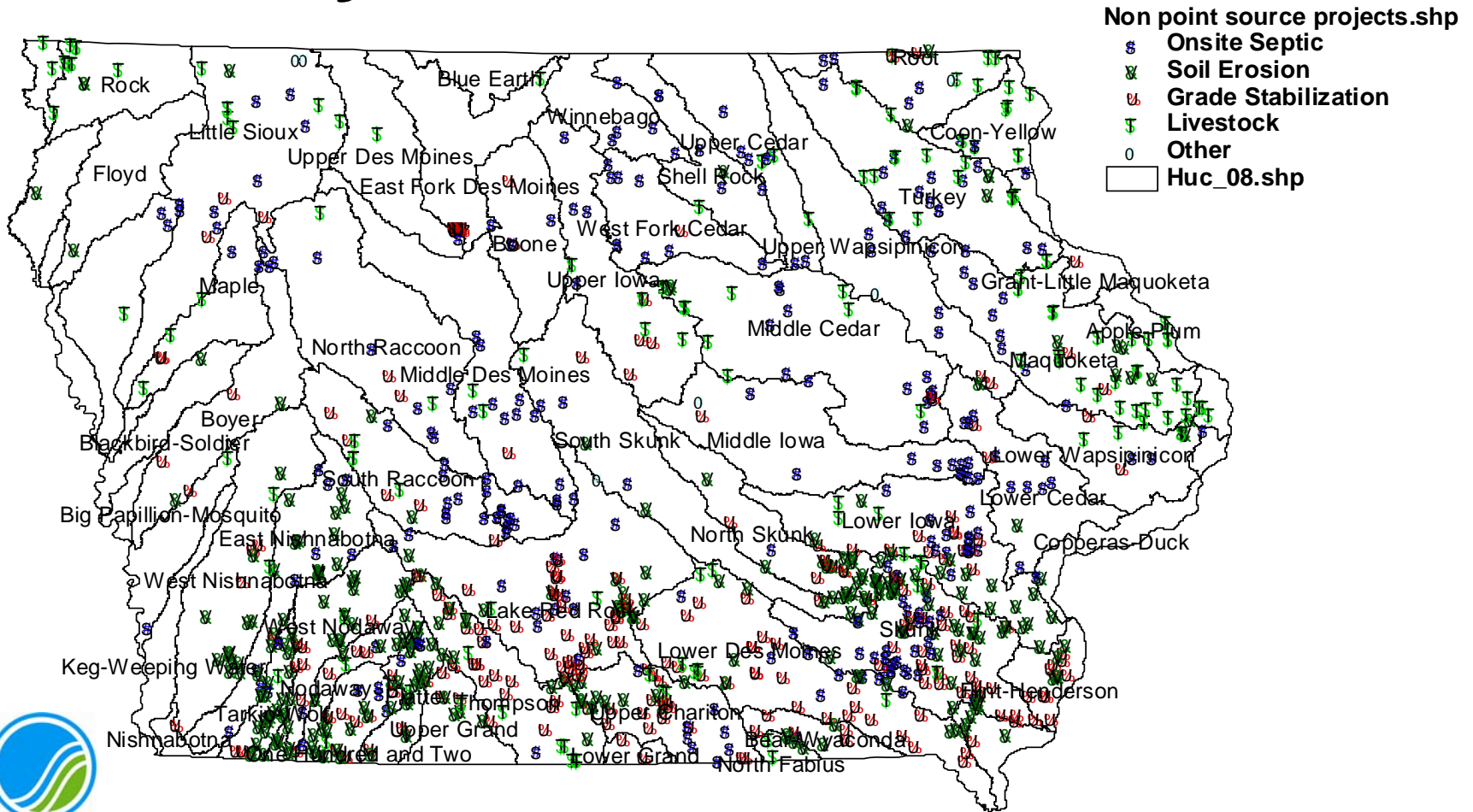
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CWSRF Environmental Benefits

- **Began mapping projects to be able to report by HUC 8 watershed**
- **About 400-500 loans per year**
- **Trained SRF Clerk-Specialist on ArcView GIS 3.3**
- **Use DNR libraries for street addresses, township/range/section**



Nonpoint Source Projects By HUC 8 Watershed



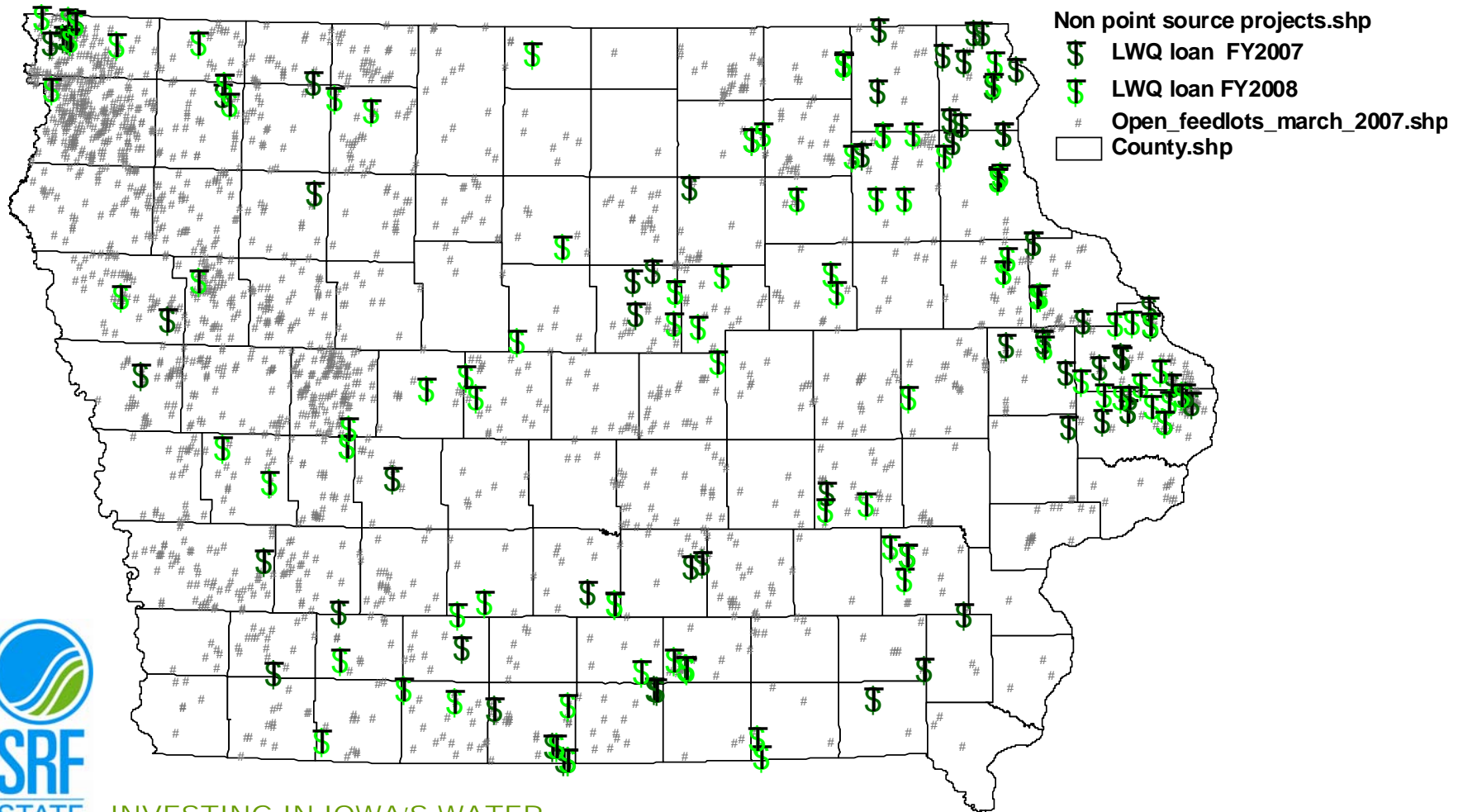
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Beyond Reporting

- **Tool for planning**
- **Analyzing distribution of projects compared with needs**
- **Improving marketing and promotion**
- **Determining priority uses of loan funds**

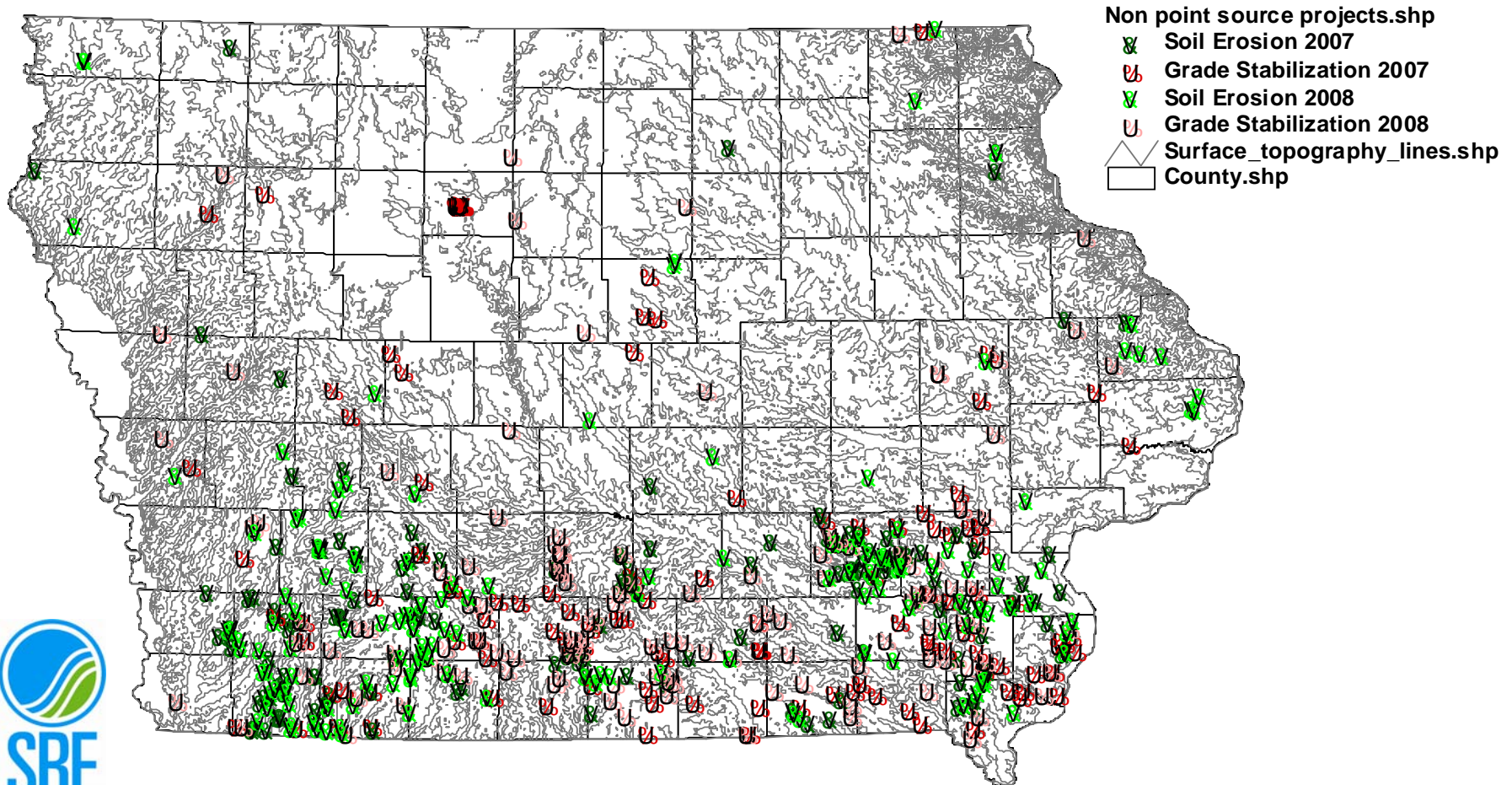


Livestock Water Quality Loans and Distribution of Open Feedlots



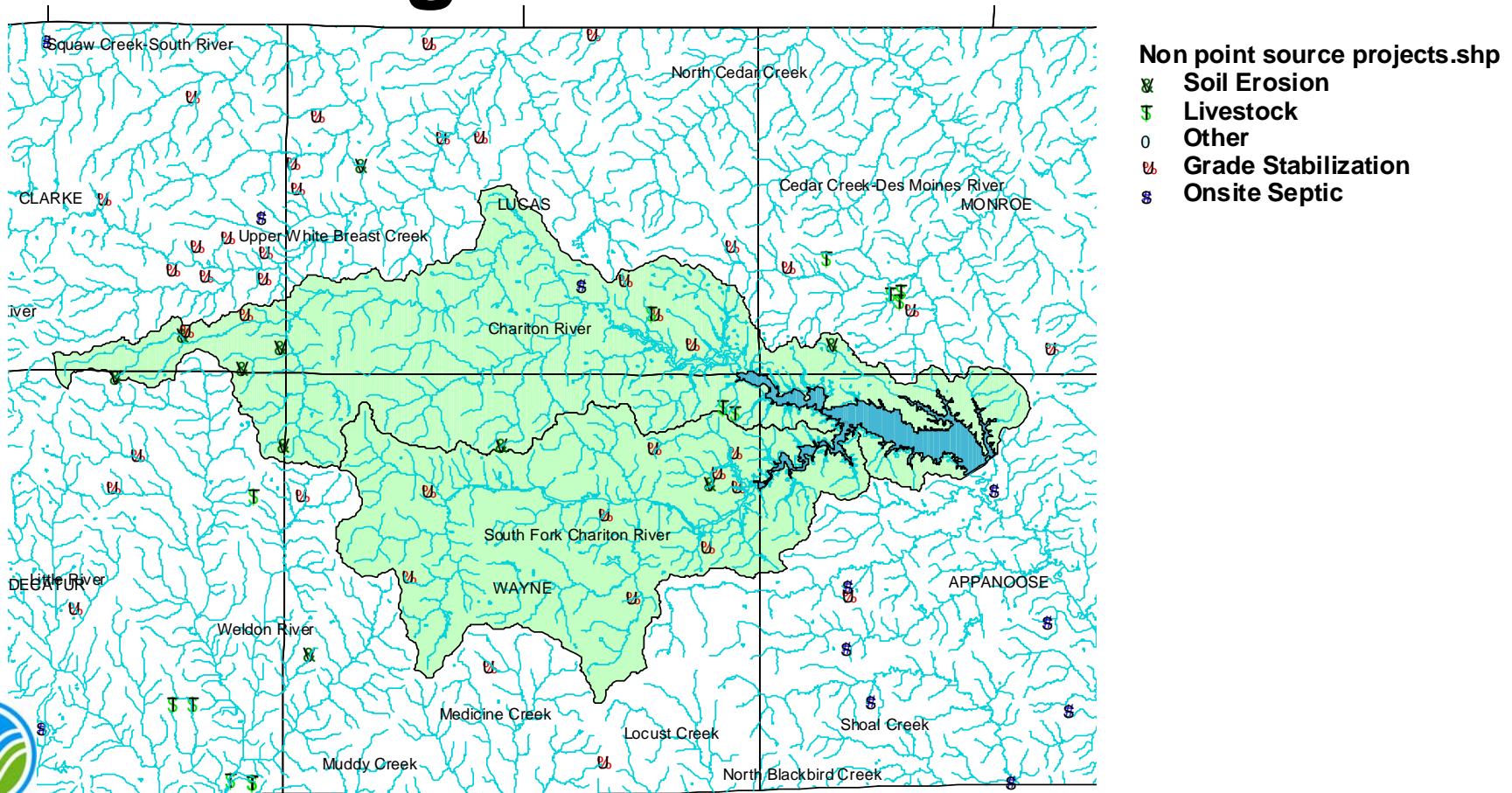
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Local Water Protection Loans and Iowa Topography



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SRF Nonpoint Loans in Targeted Watershed



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Other Uses

- **Comparing performance of districts**
- **Visual for legislators and policy-makers**
- **Implementing targeted watershed approaches**



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For More Information

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