The 319 Grant for Stokes, Rockingham and Caswell Counties 2008 - 2016
Dan River Watershed 319 Grants

- BMP Implementation primarily on agriculture lands
- Strong success from past awards – 150+ BMPs installed!

2008
- $399,900
- 33 BMP contracts

2012
- $295,000
- 27 BMP contracts

2014
- $295,000
- 24 BMP contracts to date
Projects Implemented with Previous Awards
BMPs are Identified!
Watershed Coordinator Position

- Promotes project funding opportunities with local commodities groups
- Conducts education and outreach to schools, Virginia districts, etc.
- Helps with BMP installation and certification in all three counties in the watershed
- Assists with DWR water quality sampling efforts
- Applies for additional grant funds for watershed efforts

50% of salary and benefits paid for by Stokes County
Momentum and BMP Installation

- Districts keep a list of farmers interested in implementing BMPs (126 currently)
- “Word of Mouth” – farmers talking with their neighbors is our best advertisement
- The increased funds allows a greater number to participate, provides better selection
Project “Offshoots”

• Received *Letter of Interest* from the Duke Energy Grant – stream restoration project
• First “in-house” stream restoration project in Stokes
• Two DWR funding requests
• Two CWMTF grant requests
• Alignment with Natural Heritage and WRC priorities
• Better sense of integration with Virginia
Addressing Reviewers Concerns

Monitoring

• Big watershed + lots of BMPs = $$$
• DWR & Watershed Coordinator have been collecting samples (before and after) on the Hawkins’ farm in Stokes County

Prioritization of projects

• Two-tiered ranking form, district and overall project
• Highest ranked projects are funded!
Reviewers Concerns - Measurable Results

- PLAT and NCANAT will be used, not NLEW (our mistake!)
- RUSLE2

Water Quality Impacts of all Grants to Date

<table>
<thead>
<tr>
<th>Water quality impacts</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Area treated</td>
<td>5,378 acres</td>
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<tr>
<td>Soil saved</td>
<td>9,124 tons</td>
</tr>
<tr>
<td>Nitrogen saved</td>
<td>57,319 pounds</td>
</tr>
<tr>
<td>Phosphorus saved</td>
<td>6,105 pounds</td>
</tr>
</tbody>
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Cattle Exclusion Projects

Two livestock exclusion projects: headwater stream and Dan River
Area needing a Cattle Exclusion System
Grass Waterway
Row Crop Farming
Row Crop Farming
No-Till Farming
The Smith River in the Background
A Farmer who has land adjacent to the Smith River in Rockingham County
A New Proposal for 319 funds to install BMP’s along the Smith River and County Line Creek