



WIP III Recap and Next Steps

May 16, 2019

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Rappahannock-Rapidan Regional Commission

Thornton River, Rappahannock County

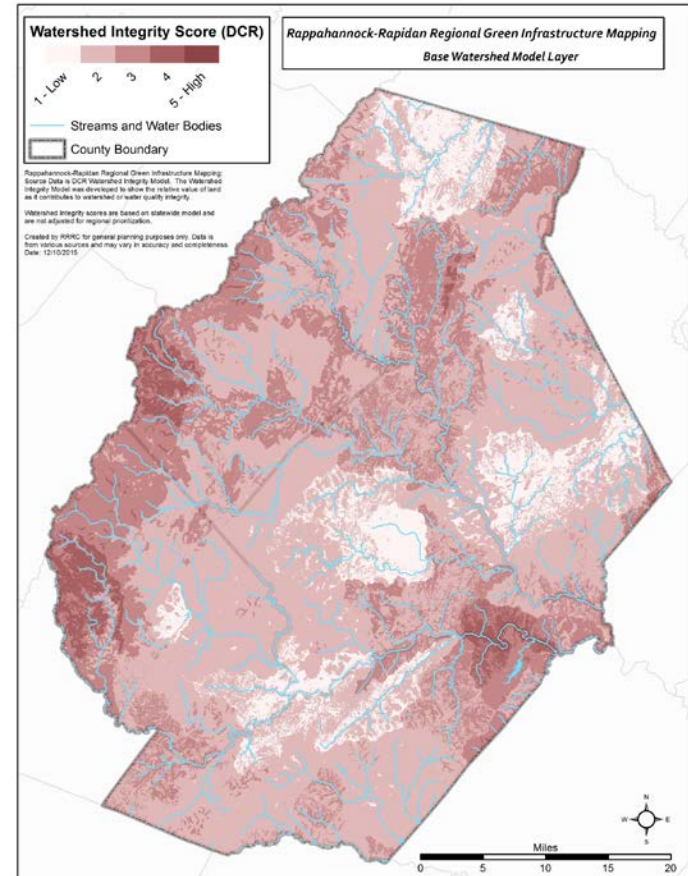
Top BMPs Identified

- Growth Management Policy
- Low Impact Development BMPs
- Stream Restoration
- Tree Planting, and Forest Planting
- Wetponds and Wetlands
- Dirt and Gravel Road E&S - Outlets
- Street Sweeping, and Storm Drain Cleaning
- Nutrient Management



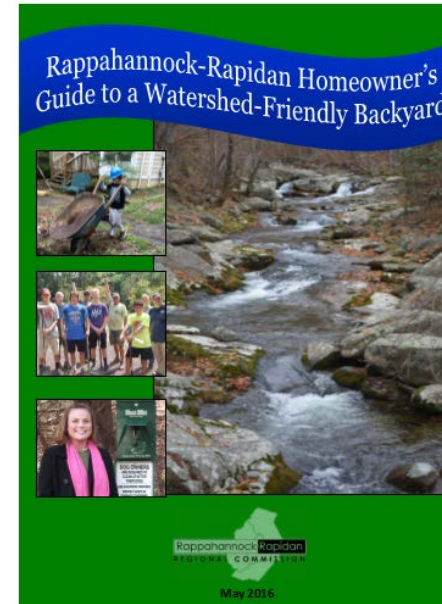
Top Programmatic Actions- Planning

- Develop a Watershed Management Plan for the Upper Rappahannock River
 - Gather data from partners
 - Stream corridor condition
 - Existing BMPs
 - Land cover
 - Local TMDLs
 - Floodplain
 - Map data in GIS where feasible
 - Goal: Better prioritize BMP implementation
- Implement Healthy Watershed Forest Initiative recommendations
 - Ordinance/policy revisions
 - Carbon trading
- Improve stream monitoring capabilities in partnership with VDEM IFLOWS



Top Programmatic Actions – Education and Tracking

- Education and Outreach
 - Dirt/gravel road design and maintenance, forestry practices, conservation landscaping, septic maintenance, cost-share etc.
 - Incorporate into floodplain outreach and other related programs
- Tracking BMPs– septic pump outs, tree planting and seedling sales, VDOT impervious surface reduction, etc.



BUZZARDS BAY SEPTIC INFORMATION

File Edit Database Tools Entry Output Window Help

Map-Sct-Lot-Unit# Lot Location
Sys ID: 005.A-0000-0074.0-1 Street # 17.00 Village:
Name BEACH ST
Mailing Address

Other Desc: PIKE H NELSON & LEOLA E Parcel Size
(Last, First MI) 4792
Sq Ft 0.11
Acres

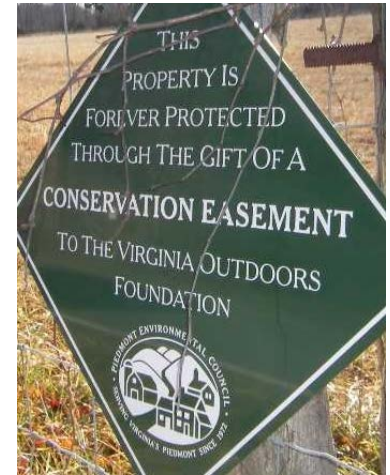
GPS Location: 0 0 Zoning W30 Use 101
Sewered (Y/N/U) Rental (Y/N/U) Year Built 1974
Structures: 0 Town Water: Property: 0 Last Transferred: 01/01/01
Bedrooms: 3 Ungrnd. Tank: Seasonal/ Yr Rind (S/Y/U): View File Name:
Full Baths: 1 Pumpouts:
Half Baths: 0 Reserved: pet=0,neas=0

Type: CONVENT. GRAU Source: RESTAURANT Permit #: 96-26 Design Flow: 440
Special Districts? V Pumpout History Installation: 04/11/90 D&M Req? N
Shared System? N #/12 mos. 1 Repair/Upgrade: 06/19/96 Testing Due: / /
Bettermets? V Last: 11/02/95 Last Inspection: 01/30/94 Contract Exp.: / /

Distriicts Pumpouts Design Soil Eval Inspect Subdiv Repairs Bettermt

Top Programmatic Actions – Program Expansions

- Expand and encourage use of conservation easement programs
- Expand VCAP, Rainscaping and Green Grass Programs
- Implement a no fertilizer pledge campaign
- Expand outreach to stakeholder groups not previously targeted, such as places of worship



Key Issues Identified

- Lack of data tracked since localities opted out of SWM
- Bay Model assumptions:
 - Sprawling growth instead of growth in service districts
 - Higher rate of development than region experiencing
- Growth Management Policy BMP provided very little credit





Top Policy and State Program Needs

- Annual regional stormwater meetings for locality and DEQ regional staff
- Adequate enforcement support by DEQ for local ESC/SWM programs
- Complete process to combine state ESC and VSMP programs
- Clarification of ag and forestry exemptions in state ESC/SWM law
- Bay-wide reporting requirement for septic haulers
- Credit in the Bay Model for permanent easements



Next Steps

- 2019 DEQ PDC contract
 - Convene stakeholder meetings
 - Relay funding opportunities
 - Build partnerships for implementation projects
 - Survey stakeholders on BMP reporting gaps and training needs
 - Work with VDH, localities and SWCDs to develop process to track septic pumpouts
- 2020
 - Implement Healthy Watershed Forest recommendations
 - Develop Upper Rappahannock Watershed Management Plan