

## **A Summary of Implementation Activities in the Upper Rappahannock**

**November 12, 2014**

*JMSWCD – Carter, Thumb, Deep and Great Runs IP projects*

Carter Run Watershed

- 30 practices completed
- 4 under construction

Thumb Run Watershed

- 21 practices completed
- 2 under construction

Great Run Watershed

- 16 practices completed

Deep Run Watershed

- 13 practices completed

Types of BMPs implemented in the above watersheds:

Grazing Land protection (goal=71, installed=80) – protected 59 miles of stream, 400 acres of riparian buffer

Cropland Conversion to permanent cover (goal=113 acres, installed=81 acres)

Pasture Management

Septic tank pump outs (247), repairs (62), conventional replacements (12) and alternative septic systems (2)

Water quality - bacteria levels coming down in Carter, Thumb (Michael Trop may want to add to this)

*JMSWCD – Marsh, Craig, Brown Runs*

Marsh Run Watershed

- 7 practices completed
- 9 under construction

Livestock exclusions (goal =11, installed= 6)

Stream bank protection (goal =38,500, installed =17,864)

Permanent cover on cropland (goal =50, installed= 58)

Reforested acres (goal=20, installed=10)

Septic pump outs (15), repairs (1), replacements (3)

Also did water quality monitoring and a total of 40 educational programs to promote practices since 2007

*Culpeper SWCD – Upper Hazel*

44.5 miles Stream bank protection

~4500 animals fenced out of streams

127 septic pump outs

49 septic repairs

31 new septic systems

Latest WQ data show improvements; WWTP at Washington likely had an effect in addition to NPS measures

*Culpeper SWCD- Robinson River*

29.7 miles stream bank protected

~2100 animals fenced out of streams

175 septic pump outs

14 septic repairs

8 new septic systems