

**Carter Run, Great Run, Thumb Run and Deep Run  
TMDL Implementation Plan Development**

***Residential Working Group***

**June 2, 2005 7:00-9:00pm  
John Barton Payne Building Warrenton, VA**

**Meeting Summary- Final**

**Attendees**

Toni Crouch, Bill Gouldthorpe, Chuck Hoysa, Nancy Huffine, Frank Hyson, Charlie Lunsford, Bill Plissner, Charles Shepherd, Bob Tudor, Jeffrey Walker

**Review of Bacteria TMDLs**

- Overall nonpoint source load allocations for each of the four impairments were discussed.
- Handout #1 distributed consisting of data slides excerpted from April 12, 2005, TMDL IP Kick-Off Meeting presentation
- Challenge was referenced of comparing data from four different TMDLs, each employing somewhat varying methodologies
- Overview provided of TMDL implementation plan initiatives currently underway

**Review of Virginia's Bacteria Standards and Related Questions**

- Questions regarding effects of nutrient loading and other contaminants in streams: Will nutrients be addressed? Do nutrients make the bacteria reproduce faster? Are there provisions under the implementation planning process for testing of contaminants besides fecal coliform and e. coli bacteria?

It was explained that nutrients would likely be indirectly addressed through buffer recommendations of the Agriculture working group, together with Virginia's Tributary Strategy effort, but that with respect to other contaminants, reduction of bacteria would be the primary focus of the plan.

- How were straight pipe/failing septic estimates arrived at in the TMDL studies without visiting homes? Are any of the four streams navigable such that a visual scan for/confirmation of straight pipes might be feasible?

Straight pipe estimates were arrived at using an accepted formula that takes into account both the age of a dwelling unit and its proximity to impaired stream in question. With the exception of some isolated stretches, Carter, Great, Thumb and Deep Runs are for the most part non-navigable by canoe and not easily

walkable, although a stream walk was completed of Thumb Run by JMSWCD in January 2000.

- What impact, if any, does the water treatment plant in Warrenton have on fecal coliform levels in Great Run?

It was explained that plant and its output had been factored into Great Run TMDL study as a permitted use, with no indication that it has been out of compliance.

### **Public Participation Process & Role of the Residential Working Group**

- The role of residential working group will be to focus on: means of identifying and eliminating straight pipes from dwellings and businesses, involving and educating the public with respect to septic system best management practices, encouraging the proper disposal of pet waste, and securing necessary funding and technical assistance relative the above.
- Acknowledgment that public involvement is critical if upcoming five-year plan is to be effective
- Importance of providing incentives for homeowners to participate as compliance with plan recommendations will be strictly voluntary

### **Education/Outreach**

- Request for more detailed maps for use at next meeting—individual watersheds as opposed to overview map, with road delineations—for members of the public to more easily discern which watersheds they live in
- Among other potential outreach ideas discussed: possible class or workshop offering at Lord Fairfax Community College, cable tv public access channel programming, links on county website, display booth at county fair, information kiosks regarding pet waste disposal (with bag dispensers) at area parks

### **Residential BMPs to be Addressed in Implementation Plan and Tools Available**

- Discussion of early maintenance and mandatory (five year) pump out requirements for alternative systems as specified in county code
- Handout #2 distributed outlining VA Dept. of Conservation & Recreation approved BMPs, with descriptions and cost-share details for each

### **Next Meeting Date**

- Volunteer(s) requested to report on topics discussed at upcoming Steering Committee meeting, date, time and location t.b.a.
- Next Residential Working Group meeting to be held in early September