

**Dead Run Segment 2/3 Task Force Meeting
August 18, 2015
Summary of major issues and concerns**

Goals and design approach:

- The first project was more of a Public Works type project. We need a more environmentally friendly project. This is an opportunity for a fresh start.
- Are the stormwater permit goals for the entire County?
- What are the numerical goals of the project i.e. the total maximum daily load. How flexible are they?
- It seems there are multiple ways to achieve the goals. What are the options? Will we be able to evaluate the options for achieving the goals?
- Concern that project would like a boulder lined channel with heavy undergrowth and vegetation, would not be visible, or accessible.
- The project involves widening the stream, making it straighter, and using boulders to slow it down. Why not use curves?
- The Chesapeake Bay Foundation says retrofits are the most expensive way to improve water quality, so why use this approach?

Project Benefits:

- What is the long-term efficacy of these projects? Should we be doing these types of projects at all? How long will these projects last?
- Do you have data to show that water quality has improved after you complete these projects?

Tree loss :

- A major/main concern is tree loss. We understand that there will be some tree loss, but the point is to minimize the loss.
- What is the breakdown of trees that will be lost due to channel work, and due to access?
- How will trees that are planted be maintained? Trees that are planted are too little and too small, and get mowed down.
- We are concerned that we won't have a canopy in the future.

Flooding:

- One and two year storms are misnomers – the project will improve flooding for the smaller storms but not for the larger storms.
- The project should address flash flood storms. We want to hear a commitment that the project will address this.

Construction and trail impacts:

- This is a major project that will take over one year to build, and there is no protection from flooding during that time.
- How will streamflow be diverted during the project?
- What is proposed for construction access? Where are the loading/staging areas?
- What is the size of equipment that will be used? Tree roots should be protected.
- Will we analyze site access in determining the size of equipment to use? Can the County specify the size of equipment the contractor uses?
- What will be the impacts and damage to trails during the project?

Comparable projects

- Which stream restoration projects have been the most successful and why?
- What is the most successful stream restoration project in Fairfax County? What is the model?
- Look at what is happening outside Fairfax County and be open to other ideas.
- The park is very narrow, so we need to see a project with similar conditions.

Other:

- The Churchill Road bridge frequently has overflowing water, and residents would be interested in working with the County to bring it to VDOT's attention.
- What is the cumulative impact of all the Dead Run projects to the overall water quality improvement and flow volumes?
- Are there plans to target the downstream McLean area?
- What are the two existing ponds upstream of Segment 1 doing for water quality?
- Is the issue that there is too much water flowing because of impervious areas?

Draft Agenda for 2nd Task Force Meeting

Staff Response to issues and concerns raised by Task Force (15 minutes)

Proposed Design Approach (15 minutes)

Task Force Input and Comments on proposed design approach (15 minutes)

Review of proposed field visit sites (15 minutes)

Schedule for task force meeting and completion of revised concept design (10 minutes)