STREAM HEALTH WORKGROUP
SCIENCE NEEDS

Co-Chair: Neely Law (Center For Watershed Protection)
Co-Chair: Matt Meyers (Fairfax County Stormwater Management)
Presenting: Scott Phillips (USGS)
Science Needs

- Improved tracking of stream health
- Stressors affecting stream health
- Restoration activities and functional lift
Tracking Progress Towards Stream Health

- **Immediate need**: Finalize protocol for updating ChessieBIBI and reporting data
- **Long term need**: Update the ChessieBIBI on whatever frequency we determine to be feasible and perform analysis
Stressors Affecting Stream Health

1. What are the stressors affecting stream health?

- How does TMDL overlap with the stressors we identify?
- Stream health goes beyond water quality
- What stressors on stream health overlap with other outcomes and workgroups
Stressors Affecting Stream Health

2. What stressors can be managed and what management would be needed?

- Use the Healthy Watersheds Assessment to look at watershed wide stressor management
- Find a balance between in-stream mitigation and watershed-wide mitigation efforts
- How will climate change affect management?
Stressors Affecting Stream Health

3. How is the stream responding when the stressors are addressed?
Restoration Activities and Functional Lift

- **Immediate need:** Are we moving towards or away from degraded conditions?
- **Long term need:** Why are we seeing these changes in local stream health?
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