

Review of Hampton Roads Bacteria Source Tracking Study

Presentation to
Hampton Roads Planning District Commission
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Why Hampton Roads Needs a Bacteria Source Tracking Study

- Bacteria is most common water quality impairment
- Regulatory focus on stormwater and water quality
 - Not a true point source
 - Conveyance not generator
- TMDL studies do not sufficiently identify sources
- Need to identify source of bacteria in order to control
- Set priorities for clean-up based on human health risk

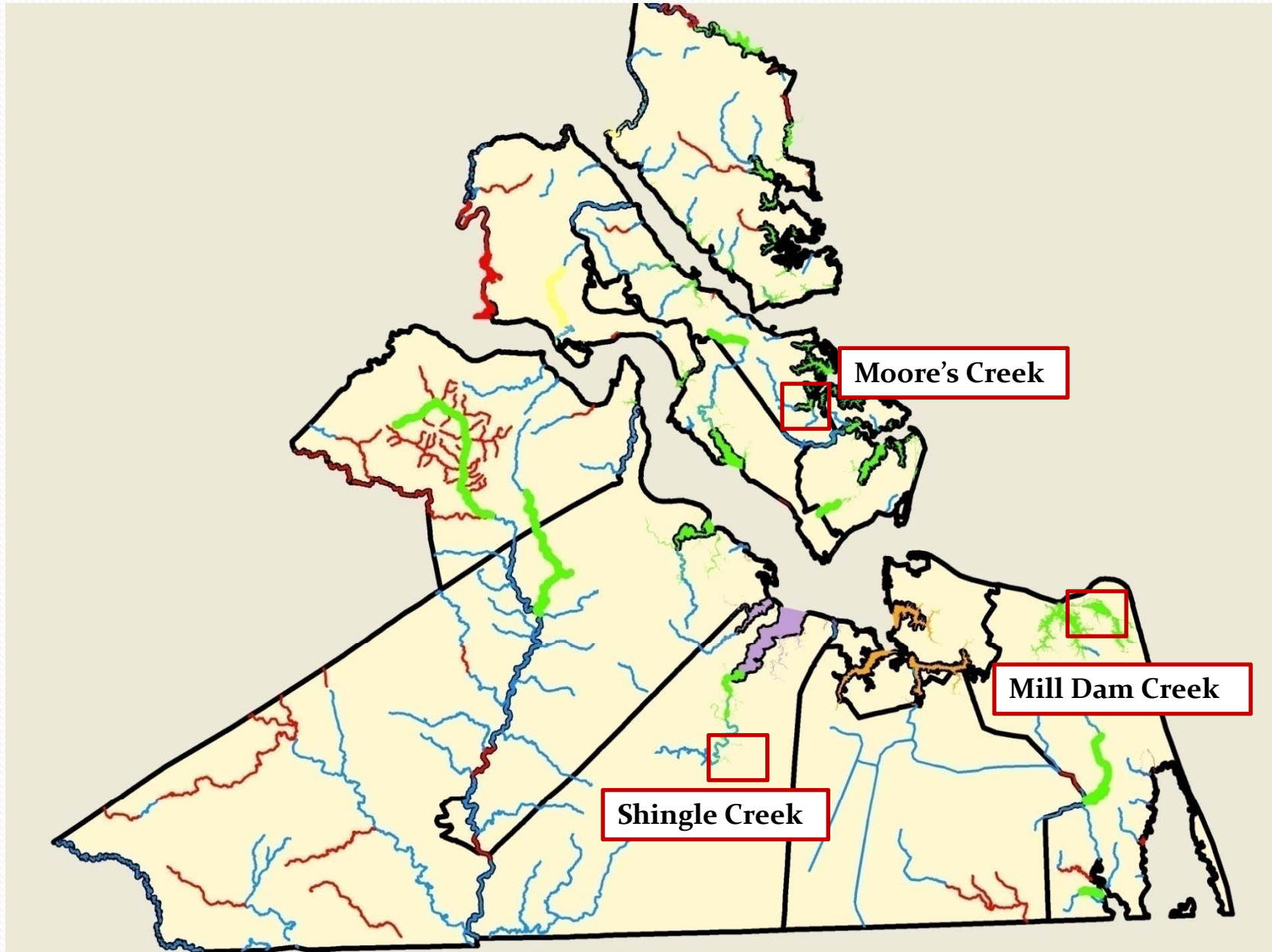
Purpose of Bacteria Study

- Develop Regional Tools and Methodologies.
- Evaluate / Validate SSO efforts and guide future sewer rehab efforts.
- Identify Stormwater contribution to waterbodies.
- Fulfill NPDES permit requirements

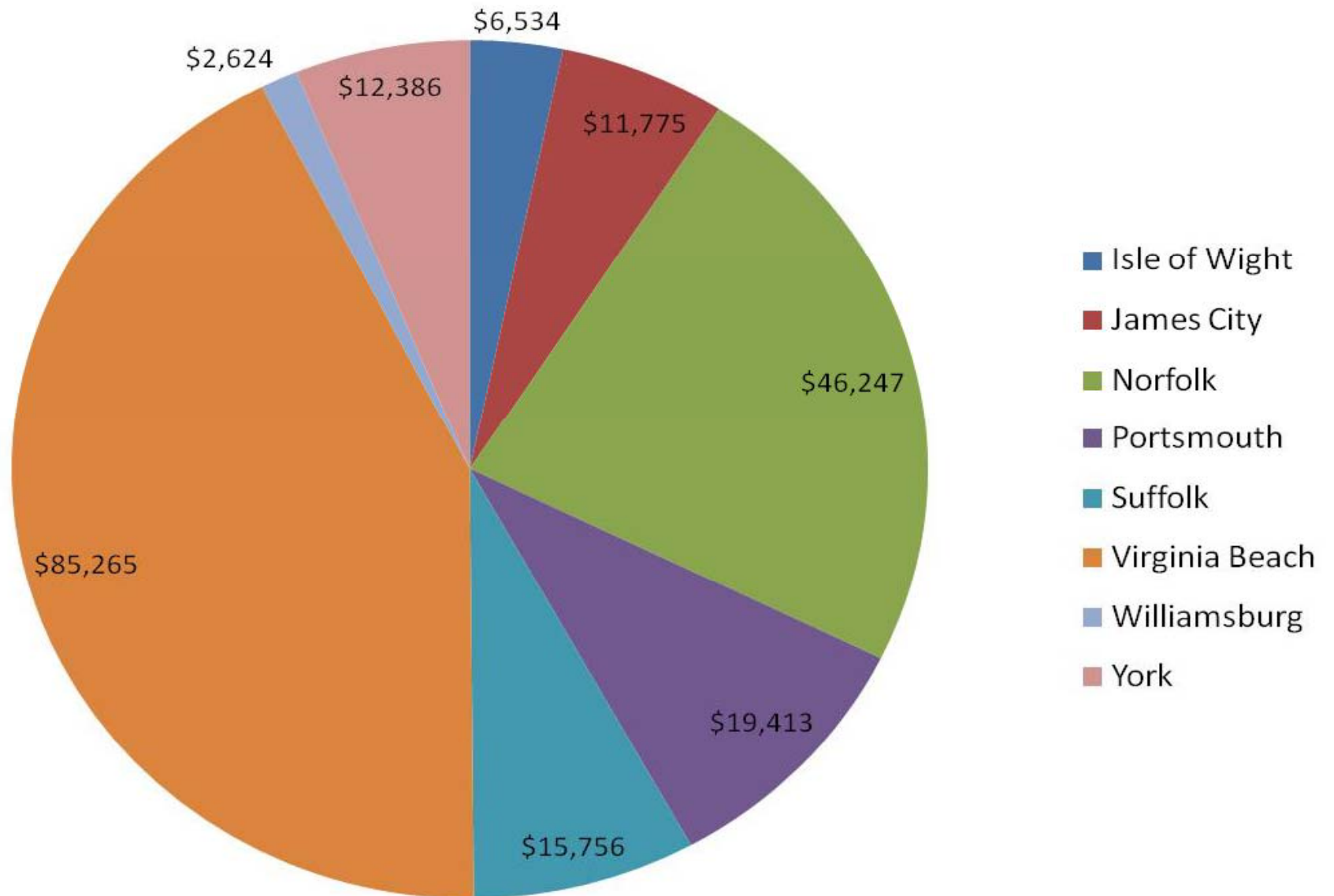
Goals of the Bacteria Study

1. Develop a Protocol for source identification in the Region.
2. Identify the methodologies necessary to differentiate human sources of bacteria from non-human

Proposed Study Areas



Bacteria Study Costs



Recommended Action

- Authorize the Executive Director to execute a contract with the Hampton Roads Sanitation District to conduct the Regional Bacteria Source Tracking Study