

# Potomac Watershed Roundtable

Stratford Hall Plantation, Library  
483 Great House Road  
Montross, VA 22520

(for directions see [www.stratfordhall.org/plan-your-visit/directions/](http://www.stratfordhall.org/plan-your-visit/directions/))

Friday, July 10, 2015

**9:30 Registration and Morning Refreshments Served Prior to the Meeting**

*(The Potomac Council will meet from 9:00 to 9:50)*

**10:00 Call to Order and Introductions** – Hon. Penny Gross, Chair

**Welcome** – Chip Jones, Director, Northern Neck Soil and Water Conservation District and Farm Manager, Stratford Hall Plantation

**Approval of the Minutes** of the April 10, 2015 meeting at the Rowser Building in Stafford.

**10:15 Updates** from the Chair

**10:30 Update: Northern Neck Soil and Water Conservation District**

**Sam Johnson**, Nonpoint Source Specialist, Northern Neck Soil and Water Conservation District

*Mr. Johnson will share the efforts made by the Northern Neck SWCD on Resource Management Planning, Total Maximum Daily Loads and conservation easements.*

**10:45 Conservation Easements on the Northern Neck**

**Elizabeth Friel**, Executive Director, Northern Neck Land Conservancy

*The Northern Neck Land Conservancy is an accredited small non-profit land trust on the Northern Neck of Virginia that works to maintain the rural heritage of this important part of the Commonwealth. Ms. Friel joined NNLC in April 2015, formerly serving as Land Stewardship Manager for the Williamsburg Land Conservancy and as the Planning Director of the City of Falls Church. Ms. Friel will share an overview of their efforts and discuss challenges facing conservation trusts.*

**11:30 Update: Fracking in the Taylorsville Basin**

**Chip Jones**, NNSWCD Director and Chair of VASWCD's Fracking Committee

*The Virginia Association of Soil and Water Conservation Districts established a committee to proposed a possible policy direction. Mr. Jones chairs this committee and will share an update on their progress to date.*

**12:15 Lunch and Networking** – \$15 in cash or check (made out to the Northern Virginia SWCD); receipts will be provided.

**1:00 Artificial Aquifer Recharge**

**Mike Alter**, Principal Hydrogeologist, Clear Creek Associates

**Jason Early**, Senior Hydrogeologist, Clear Creek Associates

*According to the USGS, artificial recharge is the practice of increasing by artificial means the amount of water that enters a groundwater reservoir (Todd, 1959). This includes, for example, direction of water to the land surface through canals, irrigation furrows or sprinkler systems, and injection of water into the subsurface through wells. Mr. Alter and Mr. Early will share their experience working with these systems and discuss their applicability to the Potomac Aquifer.*

**2:00 Stratford Cliffs and Paleontology**

**Jon Bachman**, Staff Member and Fossil Hunter, Stratford Hall Plantation

*Mr. Bachman will give us an overview of the Cliffs, which are part of the Calvert formation, are composed of compacted sea matter dating from the Miocene Epoch—approximately 17 to 10 million years ago—when rising land replaced the ocean that once covered Stratford. The 150-foot-high cliffs along the Potomac River, formerly the sea floor, provided just the right set of circumstances for the fossilization of animal remains. Fossilized remains indicate a sea filled with primitive shark-toothed porpoises, salt-water crocodiles, sea cows, gopher turtles, rays, whales and sharks.*

**2:30 Adjourn and Optional Tour of Stratford Cliffs led by Mr. Bachman**