HydroTurf Consulting Committee
Thursday, September 28, 2017; 10:00 a.m.
600 East Main Street, Richmond

AGENDA

1. Welcome
2. Introductions
3. Consulting Committee Purpose and Scope
4. Presentations

   Mr. Brad Cooley, PE (Watershed Geosynthetics)

   Dr. Christopher Thornton, PhD, PE (Colorado State University)

   - Introduction
      a) HydroTurf CS System
      b) Installation
      c) Relevant Applications
      d) Benefits
   - Full Scale Hydraulic Testing
      e) Steady State Overtopping
         1 Hydraulic Jump
         2 Impact and Abrasion from Large Debris
         3 Intentional Damage
         4 Aerodynamic / Wind Tunnel
      f) Wave Overtop Testing (Unsteady State)
         1 Test Methodology
         2 Influence of Soil Type
         3 HydroTurf Test
         4 Intentional Damage
      g) Hydraulic Performance Benefits
   - Non-Hydraulic Evaluations and Testing
      h) Vehicle Loading
      i) Surficial Stability - Interface / Internal Shear Strength
      j) Seepage Considerations
      k) Weathering / Functional Longevity
      l) Flammability
      m) Carbon Footprint
   - Quality Control / Quality Assurance
      n) Manufacturing
      o) Installation
   - Monitoring and Maintenance
   - Project Case Studies

- Summary
- Questions

5. Public Comment
6. Next Steps
    a) Friday, September 29, 2017 – Consulting Committee Work Session
    b) Thursday, November 16, 2017 – Virginia Soil and Water Conservation Board meeting

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1. Welcome
2. Consulting Committee Work Session
3. Next Steps
    a) Recommendations and Report
    b) Thursday, November 16, 2017 – Virginia Soil and Water Conservation Board meeting