



Kerr Environmental Services Corp.

sustainable ecological restoration and environmental consulting

Summary of Environmental Services

NEPA Services

- Environmental Assessments
- Categorical Exclusions

Environmental Contamination Services

- Phase I & II Environmental Site Assessments
- Site Characterizations and Closure Reports
- Brownfield Redevelopment

Land Use & Corridor Services

- Wetland & Stream Assessments,
Delineation, Mapping, GPS
- Section 10/404/401/VWPP Permitting
- Chesapeake Bay Act Compliance
- Coastal Primary Sand Dune Act Compliance
- River Buffer Rules Evaluations
- Endangered Species Act Compliance
- Cultural Resources Management
- Stormwater Pollution Prevention Plan
and VSMP Permitting

Stormwater Management Studies

- Hydrology and Hydraulics
- Land Use & GIS Analysis
- Stream Condition Studies
- Water Quality and Biological Sampling
- Stakeholder Coordination

Wetland Mitigation & Banking

- Soils Mapping & Fertility Analysis
- Groundwater and Surface Water
Gauging & Modeling
- Vegetation Inventories & Planting Plans
- Banking Document Preparation
- Design Plan Preparation
- Mitigation Bank Review Team
(MBRT) Coordination
- Post-Construction Monitoring

Stream Restoration & Banking

- Rosgen Stream Assessments (Level I-IV)
- Reference Reach Inventory
- Regional Curve Development
- Bioengineering and In-stream Structures
- Banking Document Preparation
- Design Plans
- Post-Construction Monitoring

Geographic Information Systems (GIS) Analysis

Summary of Civil Engineering Services

Sustainable Site Design

- LEED® Sustainable Sites
- LEED® Certification Assistance
- Low Impact Development (LID) Design
- Stormwater Quality & Quantity Control
- Site Selection/Due Diligence Studies
- Phase I Environmental Site Assessments
- Conservation Easement Baseline Documentation
- Habitat Creation, Restoration or Preservation
- Erosion & Sediment Control Plans
- Stormwater Quality & Quantity Control

Stormwater Management Facility Design

- Detention/Retention Basins
- Constructed Wetlands
- Infiltration Practices
- Bioretention Facilities
- Channels and Swales
- Sand Filters
- Manufactured BMP's
- Cisterns
- Rooftop Disconnections
- Sheetflow Measures
- Green Roof Volumetric Design
- Permeable Pavement

Quality Control/Peer Reviews

- Site Development Designs
(Local, State and DoD UFC)
- Drainage and/or Stormwater
Management Designs
- Highway and Street Designs (VDOT and Local)
- Quantity Take-Offs and Cost Estimates
- Specifications