



# Services Checklist Pennsylvania

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## Due Diligence

- Phase I Environmental Site Assessment
- Phase II Environmental Site Assessment
- Planning and Zoning Research
- Determination of Code Requirements
- Wetland Mapping and Characterization
- Forest Stand Delineation
- Rare, Threatened & Endangered Species (RTE) Studies
- Bog Turtle Phase I - Phase III Investigations
- Macro Invertebrate Stream Study
- Conceptual Site Layout Sketches
- GIS Maps, Presentations & Displays
- GPS Wetland Mapping
- Brownfields Program Application Assistance
- Environmental Lien Search
- PA Sewage Enforcement Officer Environmental Sampling (Soils, Groundwater, Sediment and Surface Water)
- NPDES Permitting
- Floodplain Review and Determination
- Steep Slopes Analysis
- Support Utilities Analysis for Availability and Capacity

## Design

- Topographic, Perimeter and ALTA Surveys
- Correlation of Data for Aerial Photography
- Flood Studies and Surveys
- Land Planning
- Site Engineering
- Erosion and Sediment Control Plans
- Transportation Engineering
- Parking Studies
- Subdivision Plans Preparation
- Traffic Impact Studies (TIS)
- Green Site/Lot/Home Energy Efficiency Planning
- Jurisdictional Determination
- Jurisdictional Appeals
- Soils and Groundwater Mapping - SWM
- Stormwater Management Design
- Best Management Practices (BMP) Design
- Environmental Impact PADEP General and USACE Joint Permitting
- Double Ring Infiltrometer and Percolation Testing
- Rare, Threatened, and Endangered (RTE) Surveys
- Submerged Aquatic Vegetation (SAV) Surveys
- Bog Turtle Survey (Phases I, II\*, and III)  
\*Phase II (four surveys April 15-June 15, w/two in May)
- Bald Eagle Regulatory Coordination
- Mitigation Design
- Environmental Impact Assessments

- Nutrient Management Plans
- Nature Trail Design Assistance
- Public Hearing Testimony and Assistance
- Wetland Violation Resolution
- Forest Conservation and Reforestation Plans
- PA Sewage Enforcement Officer Onsite Wastewater Systems Design
- Construction Cost Estimates
- Watershed Area Calculations
- Environmental Protection Plans
- Open Space Management and Landscape Plans

## Construction

- Construction Stakeout
- Shop Drawing Review
- FEMA Flood Certifications
- GIS-Combined Drawings & Schematics
- Waste Management and Recycling Plans
- Construction Review and Permit Compliance
- Construction Administration
- Document and Overview Site Cleanup
- Mitigation Construction Oversight
- Bog Turtle Construction Monitoring
- Best Management Practices (BMP) Inspections
- ELG Monitoring and Reporting

## Post Construction

- As-Built Surveys and Certifications
- ALTA Surveys (Post Construction)
- Bond Release Assistance
- Mitigation Monitoring
- Stormwater Pond Management and Compliance
- Pond Enhancement and Aquatic Plantings
- Open Space Turnover Assistance
- Nuisance Geese & Seagull Management
- Water Quality Management
- Wildlife, Habitat, and Nesting Structures
- Fish Habitat Establishment & Management
- Nutrient Management Compliance
- Forest and Natural Area Management (Tree Identification)
- Homeowner Association Environmental Assistance and Regulatory Compliance

## Other

- School, Community & Industry Presentations
- Geographic Information Systems Geodatabase Development

Update: 2/26/2020