

# PROFESSIONAL ENVIRONMENTAL SERVICES

## Land Use, Permitting and Environmental Remediation

### Wetland Consulting Services

- Wetland Delineation (1987 & 1989 methods)
- Letters of Interpretation (LOI) and Jurisdictional Determinations (JD)
- Mitigation and Monitoring Plans
- Functional Evaluation of Wetlands (HEP/EPW)
- Wetlands Construction for Water Treatment

### Environmental Permitting

- Freshwater Wetland Permit Preparation – Individual & General
- Transition Area Waivers and Buffer Averaging
- NJ Pinelands Development Permits
- Dredge Material Permitting
- Stream Encroachment Permits
- CAFRA/Waterfront Development Permits
- Hackensack Meadowlands Development Permits

### Environmental Impact Statements

- Municipal Environmental Impact Statements (EA, EIS, EO 215)
- NEPA Environmental Assessments (EA)
- DOE and FCC Environmental Checklist
- Categorical Exclusion Documents (CED) for Federally-Funded Transportation Projects

### Environmental Site Assessments (ESA)

- ASTM Phase I & II ESA
- Preliminary Assessment/Site Investigation (PA/SI) as per NJAC 7:26E
- Soil Evaluation - NJ Historic Pesticide Contamination Task Force

### Ecological Evaluation/Risk Assessment

- Baseline Ecological Evaluations (BEE) in accordance with NJAC 7:7E-3 and 4
- Biota Inventory and Statistical Evaluations
- Fish and Benthic Community Evaluations
- Ecological Risk Assessment for EPA Superfund

### Storage Tank Management (UST/AST)

- Registration and Permitting
- Compliance and Integrity Evaluations
- Development of Bid Specifications
- Remedial Action Work Plans
- Tank Closures and Site Remediation

### Geologic and Hydrogeologic Services

- Geophysical Studies
- Aquifer Studies and Groundwater Modeling
- In-house Laboratory Testing
- Nitrate Dilution Modeling, Mounding Analyses, and Subsurface Evaluations for Septic Systems

### Soil and Groundwater Remediation

- Remedial Investigations
- Remedial Action Work Plans
- Remedial System Design, O&M
- Cleanup Star Certification
- New Technologies
- Quality Control/Quality Assurance

### Environmental Sample Collection

- Surface and Subsurface Soil Sampling
- Groundwater Sampling
- Surface Water and Sediment Sampling

### Asbestos and Lead-Based Paint

- Development of Sampling and Management Plans
- On-Site XRF Testing and Risk Assessment
- Sample Collection and Chain-of-Custody Documentation
- Preparation of Remediation Plans and Bid Specifications
- Abatement Oversight and Monitoring

### Regulatory Compliance

- OSHA - Health and Safety Plans (29 CFR 1910.120)
- Hazardous Waste Management

### Indoor Air Quality

- Indoor Air Quality Analysis
- Mold Inspections, Remedial Plans

### Geophysical Investigations

- Geophysical Studies using Magnetics, Gravity and Ground Penetrating Radar
- Historical Site Investigations
- Identification of Buried USTs, Foundations, Buried Debris, Utilities and Other Objects

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