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HIGHLIGHTS:

15 years of experience in various aspects of environmental and ecological services relative to the energy, telecommunications, water resources and land development markets, including wetlands and aquatic ecology, habitat and wildlife assessments, biological monitoring, environmental inspection, site investigations, regulatory compliance. High level of understanding pertaining to Clean Water Act (CWA), Endangered Species Act (ESA), National Environmental Policy Act (NEPA), Migratory Bird Treaty Act (MBTA), State Environmental Quality Review Act (SEQRA) compliance, Geographic Information Systems (GIS) Analysis, Global Positioning Systems (GPS) technology, as well as State and Local environmental policies throughout the United States.

SPECIALTIES:

Biological monitoring/environmental compliance inspection, T&E species surveys, wetlands delineation, mitigation design/monitoring, consultation and monitoring; federal, state and local permitting; as well as various niche and project-specific services. Business development and marketing, planning, supervising and completing technical work and reports under expedited review times. Resolving project-specific constraints through adaptive project management and "out of the box" alternatives and solutions.

EDUCATION:

- Rochester Institute of Technology – Master of Science, Environmental Science
- Rochester Institute of Technology - Bachelor of Science, Environmental Science
- Finger Lakes Community College – Associate of Science, Environmental Studies

PROFESSIONAL EXPERIENCE:

DIEHLUX, LLC – Vice President & Manager of Ecological Services

As Vice President and Manager of Ecological Services for DIEHLUX, LLC, responsibilities include, coordinating, supervising and performing site specific natural resource and ecological field studies, environmental inspections and technical services for public and private project sponsors in the water resources, energy, telecommunications and land development markets. Writing and reviewing technical reports, pursuing leads and managing projects, consultation with federal, state and local regulatory officials, as well as, key business development, client relationships and marketing, preparing and reviewing proposals. (October, 2015 – Present)

Tectonic Engineering & Surveying Consultants, P.C. - Manager of Ecological Services

As Manager of Ecological Services, responsibilities include the supervision, coordination, review and performance of environmental and ecological compliance services throughout the northeastern United States. These were completed in accordance with the National Environmental Policy Act (NEPA) and State Environmental Quality Review Act (SEQRA), including preliminary research, consultations, project-specific field studies, rare species surveys, regulatory permitting, mitigation planning, design, and monitoring for energy, telecommunications, transportation, land planning and water resources projects in accordance with federal, state and local regulations.

Other pertinent responsibilities include project management, client relations, proposal preparation, marketing & business development, as well as the performance and supervision of freshwater and tidal wetlands investigations and delineations, permitting, regulatory consultation, post-mitigation monitoring, ecological and environmental inventories, rare species inventories, Phase I and Limited Phase II Environmental Site Assessments. Extensive knowledge and application of geographic information systems (GIS) using ESRI products and GPS technology using Trimble units and software for data collection and navigation in the field. (September 2012 – October 2015)

Stantec Consulting – Environmental Scientist and GIS Analyst

Assisted with wetland delineations, mitigation, permitting and monitoring projects in New York State and Ohio. Specifically, freshwater wetland investigations and delineations, T&E species surveys and on-site biological monitoring, Phase I Environmental Site Assessments, preparation of reports, consultations with federal, state and local regulatory agencies. Also involved in the characterization, planning, operation, monitoring and maintenance of environmental remediation projects and provided assistance with the completion of Environmental Impact Statements (EIS) and Environmental Assessment Forms (EAF) for several public school and institutional projects. Used ESRI software to assist with a variety of projects including data migration, GPS field verification and geospatial analyses for watershed, hydrologic and viewshed analyses. Utilized Trimble GeoXT GPS units for collecting and navigating to features in Terra Sync and ArcPad software. (May 2004 – September 2012)

The Sear-Brown Group – Rochester, NY – Environmental Scientist

Daily responsibilities included freshwater wetland investigations and delineations, T&E species surveys and on-site biological monitoring, Phase I Environmental Site Assessments, preparation of reports, consultations with federal, state and local regulatory agencies. Also involved in the characterization, planning, operation, monitoring and maintenance of environmental remediation projects and provided assistance with the completion of SEQOR documents – EAF and EIS. Utilized Trimble GeoXT GPS units for collecting and navigating to features in Terra Sync and ArcPad software. Used ESRI software to assist with a variety of projects including data migration, GPS field verification and geospatial analyses for watershed, hydrologic and viewshed analyses. (May 2000 – September 2000 & May 2001 – September 2001)

CERTIFICATIONS/LICENSES:

- OSHA 40 hour Hazardous Waste Operations and Emergency Response (29 CFR 1910.120), Rochester, NY, 2002)
- 10 Hour Construction Safety & Health Certification, OSHA, Rochester, NY, 2009
- NYSDEC 4 Hour Erosion & Sediment Control Training, October, 2011

PROFESSIONAL AFFILIATIONS:

- New York State GIS Association
- Society of Professional Wetland Scientists
- Geographic Information Systems/Special Interest Group (GIS/SIG)

PUBLICATIONS:

- A Land Use and Land Cover Accuracy Assessment Based on Landsat 7 Imagery Within the Canandaigua Lake Watershed. *RIT*, 2004.

REPRESENTATIVE PROJECT EXPERIENCE:

- Tuscarora Village Phase II Residential Subdivision Project Wetlands Delineation and Reporting, Town of Niagara, Niagara County, New York (2015)
- Remedial Work to the Glenmere Lake Dam Wetland, Rare Species Services & Associated Permitting Support, Town of Chester, Orange County, New York (2014-2015)
- NYS Housing and Trust Fund Corporation(NYSHTFC)/Governor's Office of Storm Recovery (GOSR) Small Business Grant Program, Environmental Review Services (HUD NEPA & SEQR), Various Locations, New York (2014-2015)
- NYS Housing and Community Renewal (NYSHCR)/NYS Housing and Trust Fund Corporation (NYHTFC) Voluntary Homeowner Buyout Program – Environmental Review/Compliance Services including: SEQR, SHPO/THPO, HUD NEPA, Phase I, Wetland Delineation & Associated Environmental Permitting Services, Oakwood Beach, Richmond County/Staten Island (2013-2014)
- New York State Housing Trust Fund Corporation (HTFC), Consulting Environmental Analyst (CEA), Albany, New York (2012-2015)
- Wingdale Quarry Threatened and Endangered Species Habitat Assessment, Town of Wingdale, Dutchess County, New York (2013/2015)
- Amawalk Telecommunications Tower Post-Mitigation Monitoring and Reporting for Town/NYCDEP Variance Application – Town of Somers, Westchester County, New York –(2012-2015)
- Crosstex Energy – Sawmill Run Brine Pipeline, Wetland/Stream/Rare Species Services & Associated Permitting, Newport Township, Ohio (2013)
- National Grid ROW Stream & Wetland Permitting Via GIS Desktop Reviews, New York (2006-2012)
- Kinder Morgan Marcellus Shale Pipeline Wetlands Delineation & Reporting, Guernsey, Noble and Monroe Counties, Ohio (2007)
- Letchworth State Park Habitat Inventory and GIS Analysis, Livingston County, New York (2004)
- Canandaigua Lake Watershed Land Use/Land Cover Map Creation Via GIS Modeling and Ground-truthing, Ontario/Yates Counties, New York (2002-2003)