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## HIGHLIGHTS

18 years of experience in various aspects of environmental and ecological services relative to the energy, telecommunications, water resources, and land development markets, including wildlife, wetlands and aquatic ecology, environmental permitting, biological and T&E species monitoring, environmental inspection, site investigations and regulatory compliance. High level of familiarity with National Environmental Policy Act (NEPA), Clean Water Act (CWA), Endangered Species Act (ESA), Migratory Bird Treaty Act (MBTA), Bald and Golden Eagle Protection Act (BGEPA), and State Environmental Quality Review Act (SEQRA) compliance, as well as State and Local environmental policies and permitting requirements throughout the northeastern United States.

## SPECIALTIES

Biological monitoring/environmental compliance inspection; wetlands delineation, wetland and watercourse permitting, mitigation design/monitoring; T&E species surveys, consultation and monitoring; federal, state and local permitting; as well as various niche and project-specific services. Exceptional at managing, planning, supervising and completing technical work, reports, and permit applications while resolving project-specific constraints through "out of the box" alternatives and adaptive project management.

## EDUCATION:

- State University of New York College of Environmental Science and Forestry - Bachelor of Science, Wildlife Sciences
- Finger Lakes Community College – Associates in Applied Science, Natural Resources Conservation
- Federal Energy Regulatory Commission (FERC) Environmental Review and Compliance for Natural Gas Facilities Seminar – Attended April 28-30<sup>th</sup>, 2015
- NYS DEC Certificate of Erosion and Sediment Control Training (SWT# 28T-041415-68) –Valid April 2015 – April 2018
- Monroe County Land Use Decision-Making Training Program State Environmental Quality Review (SEQR) Training Workshop – Attended March 2015
- Certified Wetland Delineator, Rutgers University Certification Program – Received May 2008

## PROFESSIONAL EXPERIENCE

### DIEHLUX, LLC – President

As President of DIEHLUX, LLC, responsibilities include supervising, coordinating and performing site specific ecological and natural resource field studies, technical services, and environmental inspections for public and private project sponsors in the energy, telecommunications, water resources and land development markets, reviewing and writing technical reports, pursuing and managing projects, communicating with federal, state and local regulatory officials, as well as guest

speaking, strategic business development and marketing, preparing and reviewing proposals, and invoicing. (November 2014 – Present)

## **MRB Group Engineering, Architecture & Surveying, P.C. - Project Manager/Environmental Specialist**

As a Project Manager and Environmental Specialist, responsibilities included management of municipal engineering projects for local government, as well as management of MRB Group's Southern Tier office, strategic business development, client relations and client retention across the Southern Tier of New York and Pennsylvania, including the coordination and supervision of ecological and environmental services relative to the energy and private land development markets. Also responsible for construction observation, testing, and reporting for municipal infrastructure projects. (October 2012 – November 2014)

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

As Manager of Ecological Services, responsibilities included the supervision, coordination, review and performance of environmental and ecological compliance services for energy, telecommunications, transportation, land planning, water resources and institutions, education & healthcare projects throughout the United States in accordance with federal, state and local regulations.

Primary responsibilities included project management, client relations, proposal preparation, business development & marketing, preliminary research, regulatory consultations, project-specific field studies, permitting, environmental inspections, mitigation planning, design, and construction-phase compliance monitoring. Additional pertinent responsibilities include the performance and supervision of freshwater and tidal wetlands investigations and delineations, permitting, compensatory mitigation and post-mitigation monitoring, Rare Threatened and Endangered (RTE) species surveys & monitoring, wildlife habitat assessments including presence/absence and suitable habitat surveys, raptor nest surveys, ecological and environmental inventories, Phase I and Limited Phase II Environmental Site Assessments, site-specific field investigations, site visits, environmental records review, report preparation and review, aerial photograph review, and development of site history and environmental background. (August 2007– October 2012)

## **ERS Consultants – Warwick, NY - Wetlands & Wildlife Biologist**

Daily responsibilities included the performance and supervision of construction-phase timber rattlesnake monitoring for the 182-mile Millennium Pipeline, as well as freshwater and tidal 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, attending client and municipal planning board meetings, as well as daily oversight of field personnel and project services scheduling. (July 2006– August 2007)

## **Hayden-Wing Wildlife Consultants – Laramie, WY - Field Biologist**

Daily responsibilities included performing raptor nest and T&E species surveys on several proposed pipelines and large-scale parcels of development (PODs) associated with the oil and gas industries across Wyoming, Colorado, and Montana. Working unsupervised in remote areas only accessible by ATV and 4x4 vehicles, species surveys included Golden and Bald Eagle, Ferruginous Hawks, Swainson's Hawks, Red-tailed Hawks, Osprey, Cooper's Hawks, Sharp-shinned Hawks, American Kestrel, Short-eared Owl, Long-eared Owl, Great Horned Owl,

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Burrowing Owl, Sage Grouse, Mountain Plover, Pygmy Rabbits, Black-footed Ferrets, as well as Prairie Dog colony mapping using handheld Trimble GeoXM units and digital photography. Seasonal field studies assisted in preparation of compliance reporting and preliminary studies for large-scale natural gas/oil well pad and pipeline development projects. (May 2006– August 2006)

SUNY College of Environmental Science and Forestry – Cranberry Lake, NY - Instructional Support Assistant SL-1/Boat Pilot & Maintenance Worker SG-6 (May 2004– August 2005)

Morehouse Bait Farm – Seneca Falls, NY – Aquatic Ecologist (June 2002– August 2002)

NYS Department of Agriculture & Markets – Ontario & Wayne Counties, NY - Seasonal Commodities Inspector (June 2001– August 2001)

Finger Lakes Community College - Field Camp Fisheries Technician (May, 2001)

Willow Pond Aqua Farms – Aquatic Ecologist (April 1998– 2001)

Savannah Dhu - Assistant Fisheries & Wildlife Manager (May 1999– October 2000)

## CERTIFICATIONS/LICENSES

- New York State (NYS) Department of Environmental Conservation (DEC) Region 3 Licensed Timber Rattlesnake Handler (License 210) – Valid Through 2/28/2016
- OSHA 30-Hour (Construction) Certificate – April 2015
- NYS Office of Parks, Recreation & Historic Preservation - Public Vessel Joint Pilot & Engineer License (19685), Valid through April 24, 2016
- Stream Investigation, Stabilization, & Design Certificate – Received May 2010

## PROFESSIONAL AFFILIATIONS

- National and NYS Chapters of The Wildlife Society
- Society of Professional Wetland Scientists

## APPOINTMENTS

- City of Canandaigua, NY - Zoning Board of Appeals (2013 - Present)
- City of Canandaigua, NY – Tree Advisory Board (2014 – Present)
- City of Canandaigua Walkability Steering Committee (2014)
- Canandaigua City School District Community Based Committee (CBC) Member (2011)

## PRESENTATIONS

- Pennsylvania Municipal Electric Association Annual Conference (2014) – “Mobile Mapping of Municipal Electric Infrastructure” – Guest Speaker
- Allegany, Chemung, and Yates County Environmental Management Committees (2013) – “Sustainable Energy Through Natural Gas Development” – Guest Speaker
- Finger Lakes Water Works Conference (2010) – “Freshwater Wetlands and Regulation” – Guest Speaker

## HONORS AND AWARDS

- 2005 Recipient of the Robin Oak Award - SUNY ESF
- 2005 Recipient of the Maple Leaf Award - SUNY ESF

## REPRESENTATIVE PROJECT EXPERIENCE

### DIEHLUX, LLC – President:

- Village of Fairport Thomas Creek Wetlands Trail Expansion Wetlands Permitting, Regulatory Consulting, and Boardwalk Trail Enhancement Design Support, Monroe County, New York (Ongoing)
- Penn Yan Marine Manufacturing Brownfield Remediation Project Management and Construction Observation, Yates County, New York (Ongoing)
- Glen Hazel Wireless Communications Tower Wetlands Delineation & Reporting, Town of Jones, Elk County, Pennsylvania (2015)
- Town of Farmington Beaver Creek Park Wetlands Delineation, Ontario County, New York (Ongoing)
- Wireless Communications Tower NJDEP LURP Wetlands Permitting, Union County, New Jersey (Ongoing)
- Pomona Heights Wireless Communication Tower Wetlands Delineation & Reporting, Rockland County, New York (2015)
- Wayne County Water & Sewer Authority Canandaigua Road Watermain Replacement Joint Application for Freshwater Wetlands Permit, Wayne County, New York (2015)
- Loomis Expansion Wetlands Delineation & Reporting, Monroe County, New York (2015)
- Towns of Marion and Sodus Joint Owl's Nest Water District Improvements Wetlands Delineation and Permitting Review, Wayne County, New York (2014)
- Wireless Communication Site Infiltration Testing & Reporting, Somerset County, Pennsylvania (2014)

### MRB Group Engineering, Surveying & Architecture, P.C. – Project Manager:

- Towns of Catlin and Dix Wind Energy Local Law Development for proposed NextEra/WGI Wind Project, Schuyler and Chemung Counties, New York (2013-2014)
- Town of Farmington Mertensia Road Culvert Replacement Construction Inspection, Ontario County, New York (2014)
- Town of Canandaigua Purdy/Mobile Road Sewer Installation Construction Observation and SWPPP Inspections, Ontario County, New York (2014)

- Town of Penfield Sewer Extension Wetlands Delineation and NYS DEC Joint Application, Monroe County, New York (2014)
- Town of Hopewell Water Main Improvements Wetlands Investigation and Permitting Review, Ontario County, New York (2013)

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

- DTE Phase III/Bluestone Gathering System Combined Environmental Inspections (EI) & Biological Monitoring (BM), Towns of Sanford in Broome County, New York, and New Milford, Harford, Thompson, Jackson, Lennox and Harmony in Susquehanna County, Pennsylvania (2012)
- Millennium Pipeline Company, LLC, Post-Construction Biological Monitoring & Reporting, New York's Broome, Chemung, Delaware, Orange, Rockland, Sullivan, Steuben, and Tioga Counties (2012)
- Columbia Gas/NiSource Line 1278-K Environmental Inspections, Pennsylvania and New York (2011-2012)
- Marathon Petroleum Company Environmental Inspections – Owensboro to Catlettsburgh 24" Crude Oil Line Replacement Project, Kentucky (2011-2012)
- Verizon/Sprint/T-Mobile/AT&T Wireless Communication Tower Sites Phase I Environmental Site Assessments (ESA's), Wetlands Delineation & Permitting, and T&E Species Habitat Review, Northeastern United States (2006-2012)
- Verizon/Sprint/T-Mobile Wireless Communication Tower Sites Phase I ESA's, Wetland Investigations, Delineations and Permitting, and T&E Species Habitat Reviews, Virginia and West Virginia (2006-2012)
- XTO Energy/Mobil, Dry Run Well Pad/Timber Rattlesnake Monitoring, Clinton County, Pennsylvania (2011)
- Amawalk Telecommunications Tower Wetland Delineation, Permitting, Mitigation Design, & NYCDEP Variance Application – Westchester County, New York – (2011)
- National Fuel Gas (NFG) 33-Mile Natural Gas Pipeline, Tiadaghton State Forest, Lycoming County, Pennsylvania (2010)
- New York State Housing Trust Fund Corporation (HTFC), Consulting Environmental Analyst (CEA), Albany, New York (2009-2012)
- Town of Savannah Water System Improvement Project Wetlands Delineation, Wayne County, New York (2010)
- Town of Waterloo Water System Improvement Project Wetlands Delineation, Seneca County, New York (2009)
- Town of Montgomery Wastewater Treatment Facility Expansion Wetlands Delineation, Montgomery, New York (2009)

- Town and Village of Pittsford - Erie Canal Park Feasibility Study, Pittsford, New York (2009)
- New Hampshire Department of Environmental Services (NHDES) Wetlands Permitting, Sutton, New Hampshire (2009)
- Mountain View Estates DEIS Review, Town of Warwick, Orange County, New York (2009)
- Town of Waterloo Water System Improvement Project, Waterloo, New York (2009)
- Warwick Municipal Airport Wetlands Delineation and Permitting, Warwick, New York (2008)
- 15308 Realty, LLC, Tidal Wetlands Permitting, Broad Channel, Queens, New York (2008)

## ERS Consultants – Wetlands & Wildlife Biologist:

- Millennium Pipeline T&E Species Monitoring for Timber Rattlesnakes, Southeastern New York (2007)
- Delaware Valley School District Phase I ESA, Milford, Pennsylvania (2007)
- Dakota Trail Development Wetlands Delineation and Letter of Interpretation (LOI), Franklin Lakes, New Jersey (2007)
- Beth Antioch Center Project Wetlands Delineation and Letter of Interpretation (LOI), Wantage, New Jersey (2006)

## Hayden-Wing Wildlife Consultants – Field Biologist:

- County Line POD Project T&E Species Habitat Surveys, Buffalo, Wyoming (2005)
- Powder River Basin POD Project T&E Species Habitat Surveys, Gillette, Wyoming (2005)
- Jonah Pipeline Project T&E Species Habitat Surveys, Kemmerer, Wyoming (2005)
- Anadarko Pipeline Project T&E Species Habitat Surveys, Rawlins, Wyoming (2005)
- Fidelity POD Project T&E Species Habitat Surveys, Sheridan, Wyoming (2005)



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