

# STATEMENT OF QUALIFICATIONS DIEHLUX, LLC

-INNOVATIVE ECOLOGY-



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## OFFICER CONTACT INFORMATION



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## WHO WE ARE

- Multi-disciplined ecological and natural resources consulting services for energy, telecommunications, water resources, mining, transportation, land development, and municipal markets
- Experienced scientists and biologists working collaboratively with public and private project sponsors, regulatory agencies and project constituents
- Cost-effective sub-consultant to compliment your firm's existing services

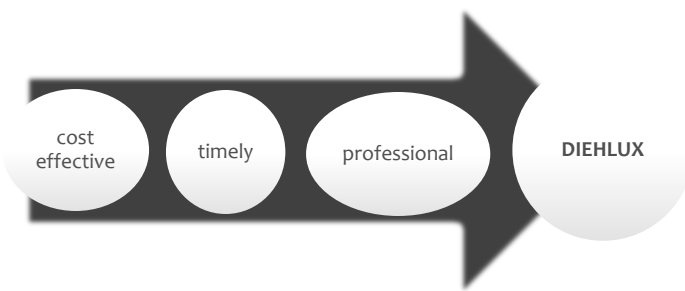
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## MARKETS SERVED

- Energy
- Telecommunications
- Land Development
- Mining
- Municipal
- Transportation
- Water Resources







## SERVICES WE PROVIDE

- Environmental Inspection & Compliance Management
- Biological Monitoring
- Resource Report Compilation Assistance
- SEQR & NEPA Compliance and Reporting Assistance
- Wildlife & Ecological Inventories
- Wetlands Investigation & Delineation (Freshwater and Tidal)
- Federal, State and Local Wetlands, Watercourse and Water Body Permitting
  - ✓ USACE Section 404 Preliminary & Approved Jurisdictional Determinations (JDs)
  - ✓ USACE Section 404 Nationwide Permit Pre-Construction Notifications
  - ✓ NYS DEC Joint Applications (Article 15, Article 24)
  - ✓ NJ DEP Wetlands, Transition Area, Flood Hazard Area, and Riparian Zone Permitting
  - ✓ PA DEP L2RAPs & Chapter 105 Permitting
  - ✓ Ohio ORAM, HHEI, QHEI Assessments, & Permitting
- Wetlands Mitigation Reporting & Design Support
- In-Lieu Fee & Wetlands Bank Credit Purchase Negotiations
- Post-Mitigation Monitoring & Reporting
- Rare, Threatened, & Endangered Species Habitat Studies, Surveys, & Monitoring
  - ✓ Timber Rattlesnake Survey & Monitoring (NY – NYSDEC Region 3)
  - ✓ Northern Harrier
  - ✓ Short-eared owl
  - ✓ Reptile Surveys & Monitoring
  - ✓ Karner Blue Butterfly Surveys
  - ✓ Rusty Patched Bumble Bee Surveys
- Incidental Take Avoidance & Permitting
- Raptor Nest Surveys
- BGEPA & MBTA Compliance
- Site or Corridor Feasibility Studies
- Environmental Assessments
- Streambank Restoration Design Support
- Habitat Restoration and Adaptive Wildlife Management Planning
- Vegetation and Tree Surveys
- Natural Heritage Program & USFWS Consultation
- Invasive Species Monitoring & Management
- Construction Observation
- Field GPS Location

## OUR GOAL

It's simple, we're here to deliver a cost-effective, timely and innovative solution to your ecological and/or natural resource service needs. We view every project with a fresh set of eyes, constantly looking for creative solutions to project constraints from inception to completion. Maximize your potential for a successful project, let our skilled team of biologists and environmental scientists use their diverse educational and professional backgrounds to guide you through the technical and regulatory processes. We're here to work with you to enhance relationships between project constituents and regulatory agencies.

## DIEHLUX PROJECT EXPERIENCE

### ENERGY

- EPIC Crude Oil Pipeline (730 miles) Project Environmental Inspection Support in New Mexico and Texas (Ongoing)
- Williams TRANSCO Atlantic Sunrise Pipeline Project (183 miles, 42" diameter) Environmental & Agricultural Inspection Support and Assistant Environmental Compliance Management for Spreads 1 & 2, two loops, one compressor station, and four meter and reading (M&R) stations in Clinton, Lackawanna, Luzerne, Lycoming, Sullivan, Susquehanna, and Wyoming Counties, Pennsylvania (Ongoing)
- Central Hudson Gas & Electric Overhead Electrical Infrastructure Improvements Project Wetlands Delineation & GPS Support, Dutchess County, New York (2017)
- 30+ Turbine Commercial Wind Development Wetlands Delineation, St. Lawrence County, New York (2017)
- Central Hudson Gas & Electric Overhead Electrical Infrastructure Improvements Project Construction-Phase Timber Rattlesnake Monitoring, Vernooy Kill State Forest, Town of Wawarsing, Ulster County, New York (2016)
- 50+ Turbine Commercial Wind Development Project Wetlands Delineations Field Support, Lewis County, New York (2016)
- 8.9-Acre Photovoltaic Array Project Wetlands Delineation, Town of Canandaigua, Ontario County, New York (2016)
- Newfield Bulk Terminal Project Wetlands Delineation & Reporting, Town of Newfield, Tompkins county, New York (2016)
- Williams TRANSCO Constitution Pipeline Project (125 miles, 30" diameter) project-wide Environmental Compliance Management and preconstruction Lead Environmental Inspections support services, Susquehanna County, Pennsylvania and Broome, Chenango, Delaware and Schoharie Counties, New York (2015-2016)
- 5.5-Acre Photovoltaic Array Project Wetlands Delineation, City of Canandaigua, Ontario County, New York (2016)
- 6.6-Acre Photovoltaic Array Project Wetlands Delineation, Town of Gainesville, Wyoming County, New York (2016)

- 9.3-Acre Photovoltaic Array Project Wetlands Delineation, Town of Camden, Oswego County, New York (2015)
- 12-Acre Photovoltaic Array Project Phase I Environmental Site Assessment, City of Canandaigua, Ontario County, New York (2015)

## TELECOMMUNICATIONS

- Verizon Wireless V-ZOOM Project 14-Node Wetlands and Flood Hazard Area Review, Bernardsville, Mendham & Peapack-Gladstone Townships, Morris County, New Jersey (2017)
- Scotch Plains Telecommunications Tower Project Wetlands Delineation & Reporting, GPS Collection, Permitting, and Off-Site Mitigation Support, Township of Scotch Plains, Union County, New Jersey (Ongoing)
- NJ06763 T-Mobile Telecommunications Tower Raptor Nest Survey & Reporting, 91 McKee Drive, Mahwah Township, Bergen County, New Jersey (2017)
- West Danby Telecommunications Tower Project RTE Species Incidental Take Permit Transfer, Mitigation Plan, Monitoring Plan, & Pre-Construction Field Surveys, Town of Newfield, Tompkins County, New York (2017)
- Deansboro Telecommunications Tower Project Wetlands Delineation and Reporting, Town of Deansboro, Oneida County, New York (2016)
- Fargo Wireless Telecommunications Tower Project Freshwater Wetlands Assessment & Reporting, Town of Wilna, Jefferson County, New York (2016)
- East Fishkill Telecommunications Facility Project Nationwide Permit Pre-Construction Notification & RTE Species Compliance Support, Town of East Fishkill, Dutchess County, New York (2016)
- Hardenburg Telecommunications Facility Project Phase I Bog Turtle Habitat Assessment, Town of Crawford, Orange County, New York (2016)
- South Branch Telecommunications Facility Project Wetlands Delineation, Branchburg Township, Somerset County, New Jersey (2016)
- Bellmont Telecommunications Facility Project Wetlands Investigation, Town of Bellmont, Franklin County, New York (2016)
- Lorenz Park Telecommunications Project Wetlands Investigation & Reporting, Town of Greenport, Columbia County, New York (2015)
- Marlboro Swim Club Telecommunications Project Wetlands Delineation and Reporting, Marlboro Township, Monmouth County, New Jersey (2015)
- Harlem Valley Wingdale Telecommunications Project Wetlands Delineation and Reporting, Pleasant Ridge Road, Town of Dover, Dutchess County, New York (2015)
- Lakehurst Telecommunications Project Rare, Threatened and Endangered Species Habitat Assessment, Manchester Township, Ocean County, New Jersey (2015)

- Durhamville Telecommunications Project Wetlands Investigation Services, Town of Verona, Oneida County, New York (2015)
- Johnsonville Telecommunications Project Wetlands Delineation and Reporting, Town of Schaghticoke, Rensselaer County, New York (2015)
- AT&T/Sprint Wireless Communications Tower NJDEP LURP Wetlands Permitting, Union County, New Jersey (Ongoing)
- Glen Hazel & Sewickley Heights Wireless Communication Tower Projects Wetlands Delineation & Reporting, Elk & Allegheny Counties, Pennsylvania (2015)
- Wilna Wireless Telecommunications Tower Project Freshwater Wetlands Delineation & Reporting, Town of Wilna, Jefferson County, New York (2015)
- Pomona Heights Wireless Communication Tower Wetlands Delineation & Reporting, Rockland County, New York (2015)
- Wireless Communication Sites Infiltration Testing & Reporting, Somerset County, Pennsylvania (2014)

## **MUNICIPAL/GOVERNMENT**

- Dryden Central School District Improvements Bus Garage Project Wetlands Delineation, GPS Location, and Reporting, Town of Dryden, Tomkins County, New York (Ongoing)
- Village of Red Creek Phase 4 Canada Street Pressure Sewer (2,600 LF) Project Wetlands Delineation and Reporting, GPS Location, & Permitting, Wayne County, New York (Ongoing)
- Towns of Phelps, Junius, Geneva, and Waterloo Water Distribution System (84,000 LF, 8" and 12" Diameter) Improvements Project Wetlands Delineation and Permitting, Seneca County, New York (Ongoing)
- Town of Hopewell Water System Improvement Project (11,300+/- Linear Feet of 8" Watermain) Wetlands Delineation and Reporting, GPS Location, & Permitting, Ontario County, New York (Ongoing)
- Multi-Town Water Distribution System Improvements Phase I Bog Turtle Surveys and Adverse Impacts Avoidance Coordination with USFWS and NYSDEC, Towns of Phelps, Junius and Waterloo, Seneca County, New York (Ongoing)
- Towns of Waterloo and Phelps Water Distribution System Improvements Threatened & Endangered Species Compliance Support, Town of Waterloo, Seneca County, New York (2017)
- Village of Watkins Glen "Project Seneca" Lake Inlet Kayak Launch Facility Wetlands Delineation, Reporting, and Permitting Support, Village of Watkins Glen, Schuyler County, New York (2017)
- Town of Farmington Brickyard Road (9,000+/- Linear Feet) Water Transmission Main Project Wetlands Delineation, Towns of Canandaigua and Farmington, Ontario County, New York (Ongoing)
- Watkins Glen Central School District Capital Improvements Project Wetlands Delineation and Reporting, GPS Location, and Nationwide Permit Pre-Construction Notification coordination & submittal, Village of Watkins Glen, Schuyler County, New York (Ongoing)

- Thomas Creek Wetlands Restoration and Boardwalk Improvements Project Wetlands Delineation & Reporting, GPS Location, and General Permit Application preparation, State Street, Village of Fairport, Monroe County, New York (2017)
- Beaver Creek Watermain Replacement and Sidewalk Installation Project Wetlands Delineation and Permitting Support, Town of Farmington, Ontario County, New York (2017)
- Village of Dryden Water System Improvement Project (18,000+/- Linear Feet) Wetlands Delineation and Permitting, Tompkins County, New York (2017)
- Town of Arcadia Water District 12 Project (32,000+/- Linear Feet) Wetlands Delineation, GPS location, and Permitting, Town of Arcadia, Wayne County, New York (2017)
- Dryden Central School District Improvements Project Wetlands Delineation and Reporting, Town of Dryden, Tomkins County, New York (2016)
- Cayuga/Seneca Route 96A Trail Expansion Project Wetlands/Watercourse Delineation, RTE Species Assessment, & Article 15 Permitting, Town of Waterloo, Seneca County, New York (2016)
- Village of Red Creek Pressure Sewer (1,800 LF, 2" & 3" Diameter) Project Wetlands Delineation and Permitting, Wayne County, New York (2016)
- Town of Farmington Hook and Curran Roads Intersection Improvement Projects Wetlands Delineation and Permitting, Town of Farmington, Ontario County, New York (2016)
- Village of Hoosick Falls Sewer (5,500 LF, 12" Diameter) Improvements Project Wetlands Delineation & GPS Mapping, Village of Hoosick Falls, Rensselaer County, New York (2016)
- Town of Marion Southeast Water District Expansion Project (60,000 LF, 8" Diameter) Wetlands Delineation and Permitting Support, Town of Marion, Wayne County, New York (2016)
- Trumansburg Well & Water System Improvements (18,770 LF, 8" Diameter) Wetlands Delineation & Reporting, Village of Trumansburg, Towns of Ulysses and Covert, Tompkins County, New York (2016)
- Oneida County Airport 1,200 Acre Habitat Assessment, Towns of Whitestown and Westmoreland, Oneida County, New York (2015)
- Village of Fairport Thomas Creek Wetlands Trail Expansion Wetlands Permitting, Regulatory Coordination, and Boardwalk Trail Enhancement Design Support, Monroe County, New York (2015)
- Town of Farmington Beaver Creek Park Wetlands Delineation, Ontario County, New York (2015)
- Wayne County Water & Sewer Authority Canandaigua Road Watermain Replacement Joint Application for Freshwater Wetlands Permit, Wayne County, New York (2015)
- Towns of Marion and Sodus Joint Owl's Nest Water District Improvements (29,500 LF) Wetlands Delineation and Permitting Review, Wayne County, New York (2014)

## PRIVATE LAND DEVELOPMENT

- Clarkson Development Project Wetlands Delineation, GPS Location, and Permitting Review, Town of Clarkson, Monroe County, New York (Ongoing)
- Lake Grove Campground Marina Canoe Launch Dredging and Greenway Trail Project Wetlands Delineation, GPS Location, Reporting, and Nationwide Permit Pre-Construction Notification (PCN) preparation and submittal, Town of Catharine, Schuyler County, New York (Ongoing)
- Pratt Road Residential Development Wetlands Assessment, Wetlands Delineation, and Nationwide Permit (NWP) Pre-Construction Notification (PCN) preparation, Village of Manchester, Ontario County, New York (Ongoing)
- Guthrie Healthcare Facility Wetlands Restoration Project Wetlands Delineation, GPS Location, and Permitting, Borough of Sayre, Bradford County, Pennsylvania (Ongoing)
- Synergy Field, LLC Self Storage Facility Project New York (NY) State Historic Preservation Office (SHPO) Cultural Resource Information System (CRIS) project submittal, Phase I Archaeological Investigation coordination, and Nationwide Permit #14 authorization compliance support, Town of Canandaigua, Ontario County, New York (2017)
- ARG Disposal Expansion Project Wetlands Delineation & Reporting, GPS Location, and Nationwide Permit Pre-Construction Notification, Village of Albion, Orleans County, New York (2017)
- Keller Road Residential Development Wetlands Assessment, Town of Clarence, Erie County, New York (2017)
- Hoselton Auto Care Center Project Wetlands & Watercourse Delineation, GPS Location, & Permitting, Village of East Rochester, Monroe County, New York (2017)
- Barsuk Recycling Facility Expansion Project Wetlands Delineation, GPS Location, and Reporting, Town of Batavia, Genesee County, New York (2016)
- Goodrich Road Residential Development Wetlands Assessment, Town of Clarence, Erie County, New York (2016)
- 10540 Cedar Road Residential Development Wetlands Assessment, Town of Clarence, Erie County, New York (2016)
- Queen City Landing 23-Story Development Project Migratory Bird Impact Assessment & SEQR Article 78 Affidavit Support, City of Buffalo, Erie County, New York (2016)
- Tuscarora Village Phase II Residential Subdivision Project Wetlands Delineation and Reporting, Town of Niagara, Niagara County, New York (2015)
- 3750 Monroe Avenue Property Improvements Project Wetlands Delineation and Reporting, Town of Pittsford, Monroe County, New York (2015)
- Woodland Park Subdivision Project Wetlands Delineation, Town of Erwin, Steuben County, New York (2015)
- 73 Cook Drive Commercial Building Expansion Project Wetlands Delineation and Reporting, Town of Henrietta, Monroe County, New York (2015)



- 1441 State Route 414 Land Development Project Wetlands Investigation, Town of Seneca Falls, Seneca County, New York (2015)
- Cummings Veneer Products Project Wetlands Investigation & Reporting, Troy Township, Bradford County, Pennsylvania (2015)
- Inducon Drive West Bridgestone Industrial Site Development Project Rare, Threatened and Endangered Species Habitat Assessment and NYSDEC Mitigation Coordination, Town of Wheatfield, Niagara County, New York (2015)
- Leprino Foods Company Sewer Main Project (1 Mile, 6" Diameter) Wetlands Delineation and Reporting, Bradford County, Pennsylvania, and Tioga County, New York (2015)
- Penn Yan Marine Manufacturing Brownfield Remediation Project Management and Construction Observation, Yates County, New York (2015)
- Loomis Expansion Wetlands Delineation & Reporting, Monroe County, New York (2015)

## **MINING**

- 4.4-acre Dalrymple Mine Expansion Project Wetlands Delineation, GPS Location, Reporting, On-Site Meeting/Delineation Verification with NYSDEC & U.S. Army Corps of Engineers, and BGEPA/MBTA/NYS Article 11 compliance support, Town of Erwin, Steuben County, New York (Ongoing)
- Narde & Brewer Properties Mine Expansion Project Wetlands Delineation, Reporting and ACOE Coordination, Town of Horseheads, Chemung County, New York (2015)

## **WATER RESOURCES**

- The Wetland Trust 150-acre Overlook Property Wetlands Mitigation Bank Project Wetlands Delineation and Reporting, GPS Location, Town of LaGrange, Dutchess County, New York (2017)

## **CERTIFICATIONS, LICENSES, PERMITS, & TRAINING**

- Federal Recovery Permit TE30603C-0 (USFWS Region 3 and Region 5) for Rusty-patched bumble bee (*Bombus affinis*)
- University of Minnesota Extension, Minnesota Bee Atlas – 6-Hour Bumble Bee Identification Workshop, attended June 12, 2017
- New York State Department of Environmental Conservation Endangered/Threatened Species Scientific License #210 – Timber Rattlesnake (*Crotalus horridus*)
- Ohio Department of Natural Resources Division of Wildlife Wild Animal (Scientific Collection) Statewide Permit #18-120 – (All Reptile Species except Endangered Species snakes)
- Rutgers University Continuing Education Certification Program - Certified Wetlands Delineator

- NYS DEC Certificate of Erosion and Sediment Control Training (SWT# 28T-041415-68) –Valid April 2015 – April 2018
- New York State Office of Parks, Recreation, and Historic Preservation Marine Services Bureau Joint Pilot & Engineer Public Vessel License #22268
- Albany Pine Bush Preserve Commission Karner Blue Butterfly Survey and Handling Training, completed July 19, 2017
- Pennsylvania Department of Environmental Protection Aquatic Resource Condition Level 2 Rapid Assessment Protocols (L2RAPs) Technical Workshop, attended June 15, 2017
- Federal Energy Regulatory Commission (FERC) Environmental Review and Compliance for Natural Gas Facilities Seminar – Attended April 28-30<sup>th</sup>, 2015



## **DIEHLUX EMPLOYEE RESUMES**

**(AVAILABLE UPON REQUEST)**