

# STATEMENT OF QUALIFICATIONS

# DIEHLUX

-INNOVATIVE ECOLOGY-





---

## CONTACT INFORMATION



Alicia L. Diehl, M.S.  
Co-Founder  
[adiehl@diehluxllc.com](mailto:adiehl@diehluxllc.com)



Colin A. Diehl  
Co-Founder  
[cdiehl@diehluxllc.com](mailto:cdiehl@diehluxllc.com)



Travis Money, M.S.  
Senior VP/Manager of Ecological Services  
[tmoney@diehluxllc.com](mailto:tmoney@diehluxllc.com)

### Corporate Office:

2434 County Road 39  
Bloomfield, NY 14469

Email: [cdiehl@diehluxllc.com](mailto:cdiehl@diehluxllc.com)

Telephone: (607)-742-0977

### Field Office Locations:

- 530-B Harkle Road, Suite 100, Santa Fe, New Mexico 87505
- 6545 Market Avenue N, Suite 100, North Canton, Ohio 44721
- 15 Turkey Spur Lane, Troy, Pennsylvania 16947
- 700 Lavaca Street, Suite 301, Austin, Texas 78701



---

## 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

## MARKETS SERVED

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



## SERVICES WE PROVIDE

- Environmental Monitoring & Compliance Management
- Construction Observation & Biological Monitoring
- SEQR & NEPA Compliance and Reporting Assistance
- Wildlife & Ecological Inventories
- Wetlands Investigation & Field 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 (PCNs)
  - ✓ 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
  - ✓ ESA Consultation
  - ✓ Timber
    - Rattlesnake (NY – NYSDEC Region 3)
  - ✓ Winter Raptor & Grassland Birds
  - ✓ Reptiles & Amphibians
  - ✓ Karner Blue Butterfly



- ✓ Rusty Patched Bumble Bee (USFWS Northeast & Mid-West Regions)
- Incidental Take Avoidance & Permitting
- Raptor Nest Surveys & Removal Coordination
- 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 Surveys, Monitoring & Management
- Sub-Meter Field GPS Location (Raw data, ESRI ArcCollector, etc.)
- Virtual Agency Project Tours
- UAS Photogrammetry, Magnetometry, LIDAR, FLIR Imagery & Mapping

## 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 monitors, 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

- Binghamton 31-Acre Solar Development Project – Wetlands Delineation, Sub-meter GPS Location, Technical Reporting & ACOE Nationwide Permitting Support, Town of Binghamton, Broome County, New York (Ongoing)
- Gardenville-Dunkirk 141/142 115 kV Rebuild Project (Article VII) – Wetlands Delineation, Agricultural Monitoring, Environmental Management & Construction Plan (EM&CP) support, Erie and Chautauqua Counties, New York (Ongoing)
- Baron Wind Project (Article X) – Lead Environmental Monitoring, Towns of Cohocton, Dansville, Fremont, and Wayland, Steuben County, New York (Ongoing)
- Bluestone Wind Project (Article X) - Lead Environmental Monitoring, Towns of Sanford and Windsor, Broome County, New York (Ongoing)
- Number Three Wind Project (Article X) – Lead Environmental & Agricultural Monitoring, Lewis County, New York (Ongoing)
- Empire State Line Utility Project (Article VII) – Lead Environmental Monitoring & Agricultural Inspection, Niagara and Erie Counties, New York (Ongoing)
- Commercial Wind Energy Project (Article X) – Wintering Grassland Raptor Survey Support, Towns of Ellenburg, Clinton, Altona, and Mooers, Clinton County, New York (2022)
- Limestone Solar Development Project (1,250 +/- acres) – Wetlands Delineation, Sub-meter GPS Collection, & Reporting, Limestone Township, Union County, Pennsylvania (2022)
- Tompkins County 94(c) Solar Project – Wintering Grassland Raptor Surveys, Towns of Groton and Lansing, Tompkins County, New York (2021)
- Lynch Solar Development Project – Wetlands Delineation, GPS Location, Reporting, & Permitting Consultation, Town of Virgil, Cortland County, New York (2021)

- Liberi Solar Development Project - Wetlands Delineation, GPS Location, Reporting, Reporting, & Permitting Consultation, Town of Riga, Monroe County, New York (2021)
- Sandy Creek Solar Project – Wetlands Delineation, GPS Location, Reporting, Reporting, & Permitting Consultation, Village of Sandy Creek, Oswego County, New York (2021)
- Clarkson Solar Project – Wetlands Delineation, GPS Location, Reporting, Reporting, & Permitting Consultation, Town of Clarkson, Monroe County, New York (2021)
- Afton Solar Project - Wetlands Delineation, GPS Location, Reporting, & Permitting Consultation, Town of Afton, Chenango County, New York (2021)
- Constable Solar Project – Wetlands Delineation, GPS Location, Reporting, & Permitting Consultation, Town of Constable, Franklin County, New York (2021)
- Grand Island Solar Project - Wetlands Delineation, GPS Location, Reporting, & Permitting Consultation, Erie County, New York (2021)
- Commercial Solar Projects (Section 94-c) - Grassland Breeding Bird Surveys – Town of Ogdensburg, St. Lawrence County, New York (2021)
- Arcadia Commercial Solar Project – Wetlands Delineation and Permitting Support, Town of Yorktown, Westchester County, New York (2021)
- Commercial Wind Energy Project (Article X) – Grassland Breeding Bird Surveys, Lewis County, New York (2021)
- 100-mile Overhead Electric Utility Line Project (Article VII) - Wetlands Delineation and GPS location, Chemung, Livingston, Steuben & Wyoming Counties, New York (2021)
- 1,200-acre Commercial Solar Project (Section 94-c) – Vernal Pools Survey Support, Allegany County, New York (2021)
- Thermo Fisher Commercial Solar Project Wetlands Delineation, Town of Franklin, Norfolk County, Massachusetts (2021)
- Gateway Commercial Solar Project – Wetlands Delineation & Reporting, Township of Barnstable, Barnstable County, Massachusetts (2020)
- Kitchawan Commercial Solar Project – Wetlands Delineation & Reporting, Town of Yorktown, Westchester County, New York (2020)
- Shrub Oak Commercial Solar Project – Wetlands Delineation & Reporting, Town of Shrub Oak, Westchester County, New York (2020)
- Prattsburgh Wind Farm 147MW Commercial Wind Development Project (Article X) – Wetlands Delineation w/ESRI Arc Collector Support, Towns of Avoca, Cohocton, Howard, Prattsburgh, and Wheeler, Steuben County, New York (2020)
- Community Scale Wind Development Project – Fall Raptor Migration Surveys, Montgomery County, New York (2020)



- Big Level Wind Development Project – Lead Environmental Monitoring, Potter & Allegheny County, Pennsylvania (2020)
- Commercial Solar Development Project (150+/- acre) Wetlands Delineation, GPS Location, and Reporting, Town of Bath, Steuben County, New York (2020)
- Commercial Solar Development Project (100+/- acre) Wetlands Delineation, GPS Location, and Reporting, Town of Cohocton, Steuben County, New York (2020)
- National Grid No. E34 Article VII Pipeline Restoration Environmental Monitoring, Oswego County, New York (2020)
- National Grid Brookview Substation Reconfiguration Article VII Project - Environmental Inspection Support, Rensselaer County, New York (2020)
- PPL Electric Utilities Juniata-Newport Overhead Electric Wetlands Delineation, GPS Location, & Reporting Support, Juniata County, Pennsylvania (2020)
- National Grid No.38 Article VII Utility Line Replacement (approx. 40 miles) Wetlands Delineation, GPS Location, and Reporting, Schenectady, Saratoga, and Rensselaer County, New York (2019-2020)
- Oria Terminal Environmental Coordination & Inspection, Reeves County, Texas (2019)
- Saragosa Terminal Environmental Coordination & Inspection, Reeves County, Texas (2019)
- Crane Terminal Environmental Coordination & Inspection, Crane County, Texas (2019)
- Upton Terminal Environmental Coordination & Inspection, Upton County, Texas (2019)
- Hobson Terminal Environmental Coordination & Inspection, Karnes County, Texas (2019)
- Gardendale Terminal Environmental Coordination & Inspection, Ector County, Texas (2019)
- Sutton Terminal Environmental Coordination & Inspection, Sutton County, Texas (2019)
- Robstown Terminal & Fractionator Environmental Coordination & Inspection, Nueces County, Texas (2019)
- EPIC Pipeline (5 Spreads, 2,200 miles, 24” and 30” diameter) - Environmental Inspection, New Mexico and Texas (2019)
- Robstown to Hobson Pipeline (83 miles of 12” Diameter Crude Oil) Environmental Coordination and Inspection Support, Nueces County, Texas (2019)
- Robstown to Markham/Clemville (2 Spreads, 140 miles of 12” Diameter, Triple Lay) Environmental Coordination and Inspections, Nueces County, Texas (2019)
- Marine Terminal Dredge Environmental Coordination and Inspection, Nueces County, Texas (Ongoing)
- Robstown to Ingleside Pipeline (43 miles, 20” diameter Crude Oil) & Associated Laterals Environmental Inspection, Nueces and San Patricio Counties, Texas (2019)

- Robstown to Dock Pipeline (14 miles of 30” Diameter Crude Oil) Environmental Coordination and Inspection Support, Nueces County, Texas (2019)
- Crane to Benedum Pipeline (42 miles of 30” Diameter Crude Oil) Environmental Coordination and Inspection Support, Upton County, Texas (2019)
- Valero Lateral (1.25 miles) Environmental Coordination and Inspection Support, Texas (Ongoing)
- 20+ Turbine Commercial Wind Development Project – Lead Environmental Inspection & Construction Monitoring Support, Potter County, Pennsylvania (2019)
- Sunoco Mariner East 2 Pipeline Project (350 miles, 20” diameter) Lead Environmental Inspection & Contractor Compliance Services Support for Spread 5/6 in Chester County, Pennsylvania (2019)
- 100-Megawatt Solar Photovoltaic Project – Winter Raptor Survey Support for Northern Harrier and Short-eared Owl, Niagara County, New York (2019)
- 40-Acre Yellow Mills Road Solar Photovoltaic Project – Wetland Delineation Review Services (2019)
- 100-Megawatt Solar Photovoltaic Project - Wetlands Delineation & GIS Support, Greene County, New York (2018)
- 120+ Turbine Commercial Wind Development Project - Wetlands Delineation and GPS Support, Allegany, Cattaraugus & Wyoming Counties, New York (2018)
- 300+ Acre Solar Photovoltaic Project – Wetlands Delineation, GPS Collection and Permitting Consultation Support Services, Madison County, New York (2018)
- 90+ Turbine Commercial Wind Development Project - Wetlands Delineation & GPS Support, Steuben County, New York (2018)
- Williams TRANSCO Atlantic Sunrise Pipeline Project (187 miles, 30” 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 (2018)
- Central Hudson Gas & Electric Overhead Electrical Infrastructure Improvements Project Wetlands Delineation & GPS Support, Dutchess County, New York (2017)
- 30+ Turbine Commercial Wind Development Project - 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**

- Wireless EDGE Gardiner Telecommunications Tower Project – Wetlands & T/E Species Compliance Zoning Support, Town of Gardiner, Ulster County, New York (Ongoing)
- Millstone Telecommunications Tower Project – Wetlands Delineation, Sub-meter GPS Collection, and Reporting, City of Clarksburg, Monmouth County, New Jersey (2021)
- Tucker Drive Telecommunications Tower Project (Replacement) Wetlands Delineation, GPS Location, and Reporting, Town of Poughkeepsie, Dutchess County, New York (2021)
- Lexington Telecommunications Tower Project (Raw Land) Wetlands Delineation, GPS Location, and Reporting, Town of Lexington, Greene County, New York (2021)
- McGregor Golf Telecommunications Tower Project (Raw Land) Wetlands Delineation, GPS Location, Karner Blue Butterfly Habitat Analysis, and Reporting, Town of Wilton, Saratoga County, New York (2021)
- Hunter Park Telecommunications Tower Project (Raw Land) Wetlands Delineation, Reporting, and Chapter 105 Permitting Support, Bellefonte Township, Centre County, Pennsylvania (2021)
- Grassy Sound Telecommunications Tower Project (Raw Land) NJ DEP LURP Flood Hazard Area Individual Permit Application, 50 West Ocean Drive, Wildwood, Cape May County, New Jersey (2021)
- Wireless EDGE East Fishkill Telecommunications Tower Project (Raw Land) Section 7 Consultation and Mitigation Support, Wetlands Delineation, Reporting, and GPS Location, Town of East Fishkill, Dutchess County, New York (2021)
- Tarpon Towers NY1136 Castle Point Telecommunications Tower Wetlands Delineation, Federal & Town Wetlands Permitting Support, & Tree Assessment, Town of Wappinger, Dutchess County, NY (2021)

- Erie County Telecommunications Tower Project (Raw Land) Wetlands Delineation, Reporting, and PADEP Chapter 105 Permitting Support, Erie County, Pennsylvania (2021)
- Bear Mountain Park Telecommunications Tower Project (Raw Land) Timber Rattlesnake Education & Encounter Plan, On-Site Contractor Training, and On-Call Monitoring, Towns of Highland and Woodbury, Orange and Rockland Counties, New York (2020)
- Duanesburg Telecommunications Tower Project (Raw Land) Wetlands Delineation, GPS Location, and Reporting, Town of Duanesburg, Schenectady County, New York (2020)
- NY1110 Dewittville Telecommunications Tower Project (Raw Land) Wetlands Delineation, Reporting, and GPS Location, Town of Dewittville, Chautauqua County, New York (2020)
- Commodore FD Telecommunications Tower Project (Raw Land) Wetlands and Watercourse Investigation and Reporting, Jackson Township, Ocean County, New Jersey (2019)
- Livingston NY1076 Telecommunications Tower Project (Raw Land) Wetlands Delineation, Reporting, and GPS Location, Town of Livingston, Columbia County, New York (2019)
- Elkland Telecommunications Tower Project (Raw Land) Wetlands Delineation, GPS Location, and Permitting, Tioga County, Pennsylvania (2019)
- NY1124 Glasco TPK I-87 Telecommunications Tower Project NYS DEC Article 24 Wetlands Permitting Support, Town of Saugerties, Ulster County, New York (2019)
- Scotch Plains Telecommunications Tower Project - Wetlands Delineation & Reporting, GPS Collection, Permitting, and Off-Site Mitigation Support, Township of Scotch Plains, Union County, New Jersey (2019)
- Clarks Summit Telecommunications Tower Raptor Nest Survey, Borough of Clarks Summit, Lackawanna County, Pennsylvania (2019)
- Prattsburgh UNY NSB Telecommunications Project (Raw Land) Wetlands Investigation, Town of Prattsburgh, Steuben County, New York (2019)
- Clifton Telecommunications Tower Project Wetlands Delineation, GPS location, and Reporting, City of Clifton, Passaic County, New Jersey (2019)
- Highland Lakes Telecommunications Tower Project – Wetlands Delineation and NJ DEP Land Use Regulatory Program Consultation, Highland Lakes, Sussex County, New Jersey (2019)
- Buckner Telecommunications Tower Project – Timber Rattlesnake Education and Encounter Plan, Training, and On-Site Biological Monitoring - NYS Route 293, Orange County, New York (2019)
- Crown Pocono Summit Telecommunications Tower Project – Raptor Nest Survey & Reporting, 5417 Development Park Drive, Tobyhanna Township, Monroe County, Pennsylvania (2018)
- Verizon Wireless V-ZOOM Project 14-Node – Wetlands Delineation and Flood Hazard Area Review, Bernardsville, Mendham & Peapack-Gladstone Townships, Morris County, New Jersey (2017)
- NJ06763 T-Mobile Telecommunications Tower Project - 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)



## MUNICIPAL/GOVERNMENT/INSTITUTIONAL

- Wayne County Regional Storage Tank Erie Canal Watermain Crossing Project – NYSDEC Article 24 Joint Application for Permit and NYS Office of General Services Easement Preparation Support, Town of Arcadia, Wayne County, New York (Ongoing)
- Town of Farmington NYS Route 332 Watermain Replacement Project – Wetlands Delineation, GPS Location, and Reporting, Town of Farmington, New York (2021)
- Churchville-Chili Central School District - Wetlands Delineation, GPS Location, and Reporting, Town of Churchville, Monroe County, New York (2021)
- Niskayuna Central School District – Iroquois Middle School/Rosendale Elementary School Phase 2A – Wetlands Delineation, GPS Location, and Reporting, Town of Niskayuna, Schenectady County, New York (2021)
- Oppenheim-Ephratah-St. Johnsville Central School District Athletic Field Expansion Project – Wetlands Delineation, GPS Location, and Reporting, Town of St. Johnsville, Montgomery County, New York (2021)
- Huron Water District No.8 (15,300+/- Linear Feet) Water Transmission Project – Wetlands Delineation, GPS Location, Reporting, and Permitting Support, Town of Huron, Wayne County, New York (2021)
- Town of Canandaigua Brickyard Road (9,000+/- Linear Feet) Water Transmission Main Project - Wetlands Delineation & Permitting, Town of Canandaigua, Ontario County, New York (2021)
- Melvin Hill Water District No.2 Project (22,000+/- Linear Feet) Water Transmission Main Project – Bald Eagle Nest Compliance Consultation, Wetlands Delineation, GPS Location, and Reporting, Town of Phelps, Wayne County, New York (2021)
- Miller Street Watermain Improvement Project (950+/- Linear Feet) Wetlands Delineation, GPS Location, and Reporting, Town of Williamson, Wayne County, New York (2020)
- Wayne County Water & Sewer District Regional Tank Initiative Project (133,000 lineal feet of 8, 12 and 16-inch water main) Wetlands Delineation, Reporting, & Permitting Support, Towns of Arcadia, Huron, Sodus, and Williamson, Wayne County, New York (2020)
- Brown-Wadsworth Water District Improvement Project (21,000 LF of 8” Watermain) Wetlands Delineation, Reporting, & Permitting Support, Town of Wolcott, Wayne County, New York (2020)
- Town of Rose Water System Improvement Project – Wetlands & Watercourse Delineation, GPS Location, & Reporting, Catchpole Road, Town of Rose, Wayne County, New York (2020)
- Town of Wayland Highway Garage Expansion Project – Wetlands & Watercourse Delineation, GPS Location, & Reporting, Town of Wayland, Steuben County, New York (2020)
- Village of Dansville Municipal Well Access Road Project Wetlands Delineation, Reporting, & Permitting Support, Village of Dansville, Steuben County, New York (2020)
- Victor Central School District Transportation Facility Project Wetlands Delineation, Reporting, & GPS Location, Town of Victor, Ontario County, New York (2020)
- Village of Waterloo Water System Improvements North Road Tank & Waterline Project Wetlands Delineation, Reporting, & GPS Location, Village of Waterloo, Seneca County, New York (2020)

- Village of Lima Watermain Replacement Project (8,500 LF) Wetlands Delineation & Reporting, Village of Lima, Livingston County, New York (2020)
- Town of Penfield Department of Public Works Facility Wetlands Delineation, Reporting, & GPS Location, Town of Penfield, Monroe County, New York (2019)
- Genesee County Jail Project Wetlands Delineation & Reporting, GPS Location, and Permitting Support, Town of Batavia, Genesee County, New York (2019)
- Village of Newark Erie Canal Trail Improvements Wetlands Field Investigation and Reporting, Village of Newark, Wayne County, New York (2019)
- Town of Arcadia No. 16 Watermain (22,000 LF of 2-8" Watermain) Wetlands Delineation and Section 404/Article 24 & Article 15 Wetlands & Watercourse Permitting, Town of Arcadia, Wayne County, New York (2019)
- Town of Canandaigua Capital Improvement Water Project – Wetlands Delineation, GPS Collection, Reporting, Permitting Consultation, and Permitting, Town of Canandaigua, Ontario County, New York, (2019)
- Finger Lakes Community College Stormwater Wetland Restoration Project – Wetlands Delineation, GPS Collection, Reporting, Permitting, Town of Canandaigua, Ontario County, New York (Ongoing)
- Manchester-Shortsville Central School District New Data/Telcom Utility Line Wetlands Delineation, GPS, and Reporting, 1506 NYS Route 21, Village of Shortsville, Ontario County, NY (2019)
- Lima to Avon Watermain Interconnection Project (7,200 LF of 12" diameter) Wetlands Delineation & Reporting, Town of Lima, Livingston County, New York (2019)
- Town of Farmington Fairdale PS-2 Pump Station Improvements Wetlands Delineation and Section 404/Article 24 Permitting Support (2019)
- County Road 10 Watermain Project – Wetlands Delineation, GPS Collection, Reporting & Permitting, Town of Canandaigua, Ontario County, New York (2019)
- Town of Farmington Highway Garage Fueling Station Project – Wetlands Delineation, GPS Collection & Reporting, Town of Farmington, Ontario County, New York (2018-2019)
- Town of Arcadia No. 17 Water Project – Wetlands Delineation, Reporting & Permitting, Wayne County, New York, (2019)
- Dryden Central School District Improvements Bus Garage Project - Wetlands Delineation, GPS Location, Reporting & PCN Permitting Consultation, Town of Dryden, Tomkins County, New York (2017-2019)
- Town of Sodus Water District No. 11 Project – Wetlands Delineation, GPS Collection and Permitting Review, Wayne County, New York, (2018)
- Town of Sodus – South Geneva Road Watermain Project - Wetlands Delineation, GPS Collection and Permitting Review, Wayne County, New York, (2018)
- 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 (2017-2018)

- 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 (2016-2018)
- 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 (2017-2018)
- 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 (2017)
- Guthrie Healthcare Facility Wetlands Restoration Project - Wetlands Delineation, GPS Location, and Permitting, Borough of Sayre, Bradford County, Pennsylvania (2017)
- 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)
- Watkins Glen Central School District Capital Improvements Project - Wetlands Delineation and Reporting, GPS Location, and Nationwide Permit Pre-Construction Notification & Joint Application for Permit (JAP) coordination & submittal, Village of Watkins Glen, Schuyler County, New York (2017-2018)
- 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, Tompkins 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**

- Cabin Cove Development Project – Wetlands Delineation, GPS Location, and Reporting, Town of Clay, Onondaga County, New York (Ongoing)
- Fourmile Creek Planned Unit Development Project – T/E Species Consultation for SEQR Resolution, Town of Ontario, Wayne County, New York (2021)
- WNY Auto Loomis Road and Plastermill Road Development Project - NYSDEC Article 24 and Section 404 Wetlands Delineation and Permitting Consultation, Town of Farmington, New York (2021)
- Hall Road Development Project – Section 404 Wetlands Delineation, GPS Location, and Reporting, Town of Dryden, Tompkins County, New York (2021)
- Oak Hill Foods Expansion – NYSDEC Article 24 and Section 404 Wetlands Delineation and Permitting Support, Town of Milo, Yates County, New York (2021)
- Barsuk Recycling Facility Expansion Project – NYSDEC Article 24 and Section 404 Wetlands Delineation & Reporting, GPS Location, and Permitting Support, Town of Batavia, Genesee County, New York (Ongoing)
- Scout Path Residential Subdivision – Wetlands Delineation, GPS Location, and Reporting, Town of Victor, Ontario County, New York (2021)
- 9066 Shelter Road Single-Family Residential Project Wetlands Delineation & Reporting, GPS Location, and Permitting Support, Town of Richmond, Ontario County, New York (2020)
- Private Parcel Development Project Wetlands Investigation, Town of Lodi, Seneca County, New York (2020)

- Bugman Pond Construction Project Wetlands Delineation, Reporting, and GPS Location, Town of Nunda, Livingston County, New York (2020)
- Aldridge Road Private Residence Wetlands Permitting Consultation, Town of Victor, Ontario County, New York (2020)
- Mallards Landing Binnacle Point Drainage Project Wetlands Delineation & Permitting Support, Town of Irondequoit, Monroe County, New York (2019)
- Flaccus Benson Road Property Wetlands Delineation, Reporting, and GPS Location, Town of Lansing, Tompkins County, New York (2019)
- Tioga Street Commercial Property Wetlands Delineation, Delmar Township, Tioga County, Pennsylvania (2019)
- Clarkson Development Project - Wetlands Delineation, GPS Location, and Permitting Review, Town of Clarkson, Monroe County, New York (2019)
- Lansing Village Cottages Subdivision Project – Wetlands Reconnaissance/Delineation, GPS Collection and Permitting Consultation, Town of Lansing, Tompkins County, New York (2019)
- Aldridge Road Residential Subdivision Project – Wetlands Delineation, GPS Collection, Reporting and Permitting, Town of Victor, Ontario County, New York (2018)
- 1347 Harris Road Pole Barn Project – Wetlands Delineation, GPS Collection & Reporting, Harris Road, Town of Penfield, Monroe County, New York (2018)
- 5600 Buffalo Street Residential Development Project – Wetlands Delineation, GPS Collection and Reporting, Town of Canandaigua, Ontario County, New York (2018)
- 5468 Johnson Road Residential Project – Wetlands Reconnaissance & Permitting Memo, Town of Canandaigua, Ontario County, New York (2018)
- Stafford Road Residential Development Project – Wetlands Delineation, GPS Collection and Reporting, Town of Manchester, Ontario County, New York (2018)
- 1145 Rt. 5 & 20 Development Project – Wetlands Delineation, GPS Collection and Reporting, Town of Seneca, Ontario County, New York (2018)
- Clap Hill Road/Bonavenia Residential Development Project – Wetlands Delineation, GPS Collection & Initial RTE Review, Town of Union Vale, Dutchess County, New York (2017-2018)
- 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 (2017-2018)
- Pratt Road Residential Development - Wetlands Assessment, Wetlands Delineation, and Nationwide Permit (NWP) Pre-Construction Notification (PCN) preparation, Village of Manchester, Ontario County, New York (2017)
- 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)
- 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 & QUARRIES**

- Austin Sand & Gravel Mine Expansion Project – Wetlands Delineation, GPS Location, Reporting, Permitting, and Approved Jurisdictional Determination (AJD), Town of Campbell, Steuben County, New York (2022)
- Dalrymple Cooper South 108-acre Expansion – Wetlands Delineation, GPS Location, Reporting, and T/E Species Consultation, Towns of Campbell and Erwin, Steuben County, New York (Ongoing)
- Dalrymple Van Boven 20-Acre Expansion - Wetland Delineation, T/E Species Consultation, and Permitting Support, Town of Chemung, Chemung County, New York (Ongoing)
- Gridley Mine Expansion Project – Wetlands Delineation, GPS Location, Reporting, and Permitting Support, Town of Corning, Steuben County, New York (Ongoing)
- Highland Valley S&G Mine Expansion Project – Wetlands delineation, reporting, GPS location, Permitting, and T&E Species Surveys and Consultations, Town of Fishkill, Dutchess County, New York (Ongoing)
- 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 (2016-2017)
- Narde & Brewer Properties Mine Expansion Project - Wetlands Delineation, Reporting and ACOE Coordination, Town of Horseheads, Chemung County, New York (2015)

## **MITIGATION BANK SUPPORT**

- The Wetlands Trust Mid-Hudson Property Wetlands Mitigation Bank Project Wetlands Delineation, Reporting, and GPS Location, Town of Hudson, Columbia County, New York (2020)
- The Wetland Trust Mohawk SA Property Wetlands Mitigation Bank Project Wetlands Delineation & Reporting, and GPS Location, Town of Frankfort, Herkimer County, New York (2019)
- The Wetland Trust 150-acre Overlook Property Wetlands Mitigation Bank Project Wetlands Delineation, Reporting, and GPS Location, Town of LaGrange, Dutchess County, New York (2017)

## **PRO BONO & COMMUNITY OUTREACH**

- U.S. Fish & Wildlife Service New York Field Office Programmatic Agreement for Telecommunications DRAFT Development Support (Ongoing)
- T&E Species Habitat Banking System New York Pilot Program Development, Coordination, and Support with USFWS and NYSDEC (Ongoing)
- Finger Lakes Local Law Coordination and Support for development of local municipal code for further protection of wetlands, watercourses, and waterbodies that contribute to the Finger Lakes Watersheds (Ongoing)
- Finger Lakes Community College (FLCC) Student Mentorship Program Guest Presentations (Ongoing)

- City of Canandaigua Dog Park Project SEQR, NYSDEC Brownfield coordination, Wetlands Delineation, GPS Location, SHPO Consultation, USFWS T&E Species consultation, and Nationwide Permit Pre-Construction Notification support services, City of Canandaigua, Ontario County, New York (2012-2018)

## PROFESSIONAL ASSOCIATIONS/MEMBERSHIPS

- Independent Oil and Gas Association (IOGA) of New York
- Southern Gas Association (SGA)
- American Water Resources Association (AWRA) of Southwest Florida

## CERTIFICATIONS, LICENSES, PERMITS, & SPECIALIZED TRAINING

- Federal Recovery Permit TE30603C-0 (USFWS Region 3 and Region 5) for Rusty-patched bumble bee (*Bombus affinis*)
- New York State Department of Environmental Conservation Endangered/Threatened Species Scientific License #210 – Timber Rattlesnake (*Crotalus horridus*)
- U.S. Fish & Wildlife Service Information for Planning and Consultation (IPaC) Project Package Builder Training Webinar – Attended June 2021
- U.S. Army Corps of Engineers (USACE) Buffalo District Navigable Waters Protection Rule (NWPR) Webinar – Attended December 2020
- Southern Gas Association Environmental Compliance During Pipeline Construction Workshop – Pittsburgh, Pennsylvania - Attended March 3-4, 2020
- U.S. Army Corps of Engineers Buffalo District Clean Water Act Roundtable – Auburn, NY Field Office – November 15, 2019
- Southern Gas Association Environmental Compliance During Pipeline Construction Workshop – Pittsburgh, Pennsylvania - Attended September 10-11, 2019
- Southern Gas Association Technical Conference on Environmental Permitting and Construction – Frisco, Texas – Attended February 12-15, 2019
- U.S. Army Corps of Engineers Buffalo District 2015 Clean Water Act Rule Training – Auburn, NY Field Office – November 27, 2018
- U.S. Army Corps of Engineers Buffalo District Wetlands Delineation, Jurisdiction, and Permitting Two-Day Workshop – Auburn, NY Field Office – May 22-23, 2018
- University of Minnesota Extension, Minnesota Bee Atlas – 6-Hour Bumble Bee Identification Workshop, attended June 12, 2017
- 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 & PROJECT WRITE-UPS  
(AVAILABLE UPON REQUEST)**