

Environmental Services for Gas Pipeline & Electricity Generation/Transmission Projects

Since its inception in 1986, **ASGECI** has provided professional environmental services for Federal, State and local public agencies; public utilities; and private sector clients in 11 states to facilitate and expedite planning, design, permitting and construction. **ASGECI** is a small, women-owned business and holds a GSA Schedule. **ASGECI** has an excellent reputation for quality work with local, State and Federal agencies.

Our Services Include:

- ♦ Wetland delineation, functional assessment and permitting
- ♦ Wetland and riparian zone mitigation design, installation and construction & post construction monitoring
- ♦ NJDEP CAFRA, Waterfront Development and Flood Hazard Area permits
- ♦ NJ Pinelands Approvals
- ♦ Endangered and threatened vegetation and wildlife species surveys & biological assessments
- ♦ Habitat restoration, reforestation and management plans
- ♦ GIS mapping and analysis/GPS mapping
- ♦ Environmental Impact Assessments and Impact Statements - NEPA, State and Local
- ♦ Freshwater, Marine and Terrestrial biological surveys
- ♦ Environmentally Sensitive Area Mapping for Spill Control Plans (DPCC/DCR)
- ♦ Construction monitoring for endangered species protection
- ♦ Stream, streambank and riparian corridor restoration design & construction monitoring
- ♦ Soil Erosion and Sediment Control Planning and Installation & Maintenance Monitoring including SWPP inspections
- ♦ Environmental Construction Monitoring

Our Project Experience Includes:

- ♦ Natural gas pipelines and wells
- ♦ Fossil fuel electric generating facilities
- ♦ Electrical substations
- ♦ Electric Transmission lines
- ♦ Wind turbines
- ♦ Solar electric generating facilities
- ♦ Waste to energy facilities

Our staff maintains professional certifications including: USACE Certified Wetland Delineator, Society of Wetland Scientist Professional Wetland Scientist; ESA Senior Ecologist; US Fish and Wildlife Service (USFWS) Habitat Evaluation Procedures; Federal Wetlands Evaluation Technique; ISA Certified Arborist; Certified Tree Expert; NJ State Approved Forester; Certified Soil Scientist; Certified Professional in Soil Erosion and Sediment Control; NJDEP Ornithologist and Aquatic Biologist; and U.S. Fish and Wildlife Service Recognized Qualified Bog Turtle Surveyor. Our scientists are also OSHA HAZWOPER trained.

ASGECI holds a GSA Schedule in the following Special Item Numbers:

- ♦ 899-1: Environmental Planning Services and Documentation
- ♦ 899-7: Geographic Information Services



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Representative Gas & Electricity Generation Projects

- **Minotola to Landis Transmission Line**, Buena Vista Township, Buena Borough, Vineland City, and Franklin Township, Atlantic, Cumberland, and Gloucester Counties, NJ. Pepco Holding, Inc. ASGECI delineated the 6.42 mile transmission line corridor, prepared a NJDEP Jurisdictional Determination request, and successfully prepared the NJDEP Freshwater Wetlands General Permit #1 application for maintenance activities.
- **PSEG Susquehanna-Roseland 500Kv Transmission Line Project**, Warren, Sussex, Morris and Essex Counties, NJ. Public Service Electric & Gas Company. ASGECI addressed and satisfied all compensatory mitigation related to NJDEP freshwater wetland and flood hazard area individual permit requirements for riparian zones and wetlands resulting from this 45-mile transmission line project. Permitted disturbances included approximately 1.3 acres of freshwater wetlands and 17 acres of forested riparian zones. ASGECI identified and obtained suitable mitigation sites, obtained agency approvals, constructed the mitigation projects and performed post construction monitoring and maintenance.
- **Blenheim-Gilboa Reservoir and Power Facility**, Town of Blenheim & Town of Gilboa, Schoharie, NY. New York Power Authority (NYPA)/ Kleinschmidt Associates, PA, PC. ASGECI performed a habitat assessment including vegetation community mapping for endangered and threatened species at the facility. Species of concern included timber rattlesnake, spring salamander, and bald eagle. ASGECI prepared a database of information that included the characterization of various location points within a 1000 + acre property that included the upper and lower facility reservoirs, and surrounding upland forest, wetlands, riparian habitats, rock outcrops, and successional areas. We recorded wildlife observed, dominant plant species, landform features, and habitat conditions. Our findings will be incorporated into NYPA applications of relicensing under the Federal Energy Regulatory Commission (FERC).
- **Avian Surveys for Proposed Wind Turbine**, Monmouth County, NJ. **US Army Corps of Engineers NY District**. ASGECI staff Biologists performed year-round avian field surveys; targeting species including passerines, waterfowl, raptors, shorebirds, seabirds, and wading birds as part of an impact study for a proposed wind turbine. Surveyed habitats included primary and secondary dunes, beach, open ocean, salt marsh and freshwater wetlands, brackish pond, open fields, and urban areas. Identified all birds to species level and record relevant data number of birds; including direction of flight; minimum and maximum altitude estimates; distance from observation point estimate; surrounding habitat; and observed behaviors. Over 100 avian species were identified.
- **Proposed Little Tor Substation**, Town of Clarkstown, Rockland County, NY. Orange and Rockland Utilities, Inc./CMX Inc. ASGECI staff USFWS Recognized Qualified Bog Turtle Surveyor performed a Phase I Bog Turtle Habitat Survey for the proposed substation. The Phase I bog turtle survey was performed for the onsite wetlands in accordance with USFWS protocol. It was concluded that the proposed activities would have no direct or indirect impacts on bog turtles or bog turtle habitat. Herptile species observed during the survey included frog species and garter snake. The USFWS New York Field Office in Cortland, NY concurred with the findings.
- **PPL Gas-line Repairs Bog Turtle Services**, Upper Mount Bethel Township, Northampton County, PA. PPL Gas Utilities Corporation. Gas pipeline maintenance project at 4 site locations within the Township. ASGECI provided a staff USFWS Recognized Qualified Bog Turtle Surveyor to perform wetland delineations, perform Phase I Bog Turtle Habitat Surveys, consult with US Fish and Wildlife Service, and perform environmental construction monitoring during the gas pipeline anomaly repairs.
- **Proposed Gas Pipeline Bat Surveys**, Cummings Township (Waterville Village), Lycoming County, PA. Confidential Client/Eco-Tech Consultants, Inc. ASGECI staff Biologists assisted with surveys for the Federally-listed Endangered Indiana bat, including White Nose Syndrome scoring. Although no Indiana bats were captured, 33 bat individuals were captured and processed, including red bat, little brown bat and big brown bat. Other wildlife species were identified within the study area; including Eastern garter snake, salamander species, trout and wood frog.
- **Proposed Solid Waste Plasma Gasification Project**, Egg Harbor Township, Atlantic County, NJ. NRG Energy, Inc./SCS Engineers. ASGECI conducted a field investigation and delineation of onsite wetlands, as well as a threatened and endangered plant and animal species habitat assessment. ASGECI prepared an application for a NJDEP CAFRA Permit and Freshwater Wetlands General Permit #6. The field investigation and permit applications were prepared and submitted on an accelerated schedule.

