

Since its inception in 1986, **ASGECI** has provided professional environmental services for Federal, State and local public agencies; 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 mitigation design, installation and construction and post-construction monitoring
- ◆ Endangered and threatened vegetation and wildlife species surveys and biological assessments
- ◆ Stream, streambank and riparian corridor restoration design and construction monitoring
- ◆ Habitat restoration, reforestation and management plans
- ◆ Environmental Impact Assessments and Impact Statements - NEPA, State and Local
- ◆ Aquatic, Marine and Terrestrial ecological surveys and Wildlife surveys
- ◆ Soil Erosion and Sediment Control Planning and Monitoring
- ◆ GIS mapping and analysis/GPS mapping
- ◆ Environmental Construction Monitoring



Sewage Treatment Plant Upgrade



Delaware & Raritan Canal Dredging



ACUA Reclaimed Water Line Crossing

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

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

ASGECI project experience includes water supply and wastewater facilities; military; seaports; dredging; flood control; transportation (rail, highway, bridge, and airport), parks and recreation; government facilities including police and correctional buildings; energy generation and transmission; residential; commercial and industrial development; correctional facilities, educational facilities; contaminated site remediation; solid waste facilities; conservation; and stormwater management.

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; Certified Tree Expert; NJ State Approved Forester; Certified Soil Scientist; Certified Soil Erosion and Sediment Control Specialist; 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 was awarded a Certificate of Recognition by the FAA for our role in preparation of the ecology analyses for the Atlantic City International Airport Master Plan EIS. We have twice received the New Jersey Native Plant Society Environmental Preservation/Habitat Rescue Award for the Use of Native Plants. We have also received the Soil and Water Conservation Society Ecological Excellence Award.

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REPRESENTATIVE WATER SUPPLY & SEWER PROJECT EXPERIENCE

- ◆ **Multiple Environmental Impact Statements for Combined Sewer Overflows, NJ.** HMM, CDM. ASGECI prepared multiple Environmental Impact Statements (NJDEP Level 2 Environmental Review) as required under the Sewage Infrastructure Improvement Act (SIIA) for addressing dry weather overflows and floatables discharges for Perth Amboy, Bayonne, Rahway, Hoboken, Weehawken, North Bergen, West New York, Kearny, Union City, Guttenberg, Harrison and Paterson. Described environmental conditions for each CSO. Reviewed impacts associated with options for mitigating CSO impacts such as trash skimmers, bar screens, Romag bypass screens, swirl concentrators, etc. Worked closely with the engineers to develop a cost effective project with minimal environmental impacts. NJDEP approved the EIS's and funding was obtained.
- ◆ **Water Main Extension,** City of Bayonne, Hudson County, NJ. Bayonne Municipal Utilities Authority. ASGECI performed a detailed wetland delineation and prepared a NJDEP Level II Environmental Information Document, a USEPA Environmental Impact Analysis and an application for environmental permits.
- ◆ **Reclaimed Water for Beneficial Reuse Project,** Atlantic City, Atlantic County, NJ. Atlantic County Utilities Authority/Malcolm Pirnie, Inc. The project is designed to recycle waste water and reduce pumping of the Atlantic City 800 foot sand aquifer. The project includes the construction of new treatment plant, storage tank and pump station and the horizontal directional drilling of 3100 linear feet for a 12" water line pipe installation. ASGECI delineated tidal wetlands, prepared NJDEP Coastal and USACE Wetland permit applications, prepared an endangered and threatened species report, and prepared a detailed restoration plan to address temporary disturbance to preserved lands.
- ◆ **Camelot Development & Grande at Elk Development Sewer Service Area,** Glassboro Elk Township, Gloucester County, NJ. Camco Management, LLC. To assess eligibility for inclusion in the sewer service area, ASGECI performed an Endangered and Threatened Species Habitat Assessment for bobolink, and grasshopper, Savannah and vesper sparrows on a 292-acre property in accordance with the NJDEP Habitat Suitability Determination guidelines under the Water Quality Management Planning Rules. Determined the property should be included in the sewer service area and NJDEP concurred.
- ◆ **Two Bridges Sewerage Authority Ultraviolet Disinfection Facility,** Borough of Lincoln Park, Morris County, NJ. HMM. ASGECI delineated wetlands and prepared and submitted successful application for NJDEP Flood Hazard Area Verification and Individual Permit in accordance with the *Flood Hazard Area Control Act*; and a Letter of Interpretation and Freshwater Wetland Transition Area Waiver in accordance with the *Freshwater Wetlands Protection Act*.
- ◆ **Clermont Avenue Stormwater Management, Water Main and Sanitary Sewer Project,** Staten Island, NY. NYCDDC/Cruz Construction. ASGECI monitored the construction and restoration of two constructed wetlands/ (BMP); and oversaw implementation and maintenance of erosion controls during the construction of water main, sanitary sewer and storm sewer. Prepared daily reports; reviewed BMP plans and provided recommendations for planting revisions; surveyed and marked trees for preservation; and oversaw all wetland and upland plant installation. Monitored compliance with NYSDEC and USACE Section 404 wetland permit requirements. Performed 3 years of wetland post construction monitoring.
- ◆ **Dredging of the Delaware & Raritan Canal,** Franklin Township, Somerset County, NJ. NJ Water Supply Authority/O'Brien and Gere. The NJWSA proposes to remove 270,000 cubic yards of sediment from the D&R Canal, a water supply reservoir, to restore the hydraulic capacity of the canal. ASGECI is part of a team contracted to determine the most effective dredging methodology and to secure necessary permits. Responsible for identifying environmentally sensitive areas, delineating, evaluating site access and staging areas, evaluating dredging methodologies, and preparing NJDEP and USACE environmental permit applications and a NJDEP Level II Environmental Information Document (EID).
- ◆ **Arthur Stanlick Elementary School Sewage Treatment Plant Upgrade,** Jefferson Township, Morris County, NJ. Jefferson Township Board of Education. ASGECI delineated wetlands and prepared a successful application for a NJDEP Freshwater Wetlands Transition Area Special Activity Waiver for activities eligible for an Individual Freshwater Wetlands Permit. The project allowed for the upgrade of an antiquated sewer treatment system with a state-of-the-art bio-activated sludge and UV treatment system.

