



*Assuring a Sustainable Future*



633 Route 211 East, Suite Four, Middletown, New York 10941

Office: 845 495-0123 Web: [www.4ecological.com](http://www.4ecological.com)



We turn permitting into progress



### CORPORATE OFFICE

633 Route 211 East, Suite Four  
Middletown, New York 10941

OFFICE 845.495.0123  
FAX 866.688.0836  
EMAIL [jbates@4ecological.com](mailto:jbates@4ecological.com)  
WEB [www.4ecological.com](http://www.4ecological.com)

### MANAGING MEMBER

James A. Bates

### FEDERAL ID NUMBER

27-0328114

### SERVICES

- Aquaculture Design, Build, and Operations Consulting
- Amphibian Studies
- Aquatic and Fisheries Studies
- Ecological Site Assessments
- Environmental Inspections
- Environmental Site Assessments (ESAs)
- Environmental Impact Studies
- State Environmental Quality Review Act Studies (SEQRA)
- Environmental Assessment Forms (EAFs)
- Draft and Final Environmental Impact Studies (DEIS) and (FEIS)
- Environmental Construction Monitoring
- Natural Resource Inventories
- NEPA Documents
- Site Planning
- Surface Water Studies
- Stormwater and Erosion Control Studies and Monitoring
- 3-D Simulations
- Vegetation Surveys
- Wetland Delineations to Local, State, and/or Federal Regulations
- Wetland Permitting
- Wetland Mitigation and Creation Plans
- Wetland Construction and Planning
- Wildlife Management Plans

Ecological Analysis, LLC is an environmental planning and natural resource consulting firm located in Middletown, New York.

We are committed to sustainable development and the restoration and protection of the natural environment. We possess both the engineering background and scientific expertise needed to help our clients minimize potential impacts on the environment and human health from proposed projects, while realizing our client's goals and while complying with the laws and regulations that govern this work.

Some of the projects we have been associated with have ranged from designing and building fish farms as well as the operation therein, to preparing State Environmental Quality Review Act (SEQRA) documents, site plan work, approvals and permitting for large residential developments. We have the necessary experience working with both clients and various agencies to ensure favorable outcomes for all concerned.

Our approach is to develop a framework of achievable goals for our clients and then continue working to accomplish them. This may involve meeting with local planning boards, environmental conservation boards, and/or obtaining state or federal permits for large projects or individual property owners. Our staff has been working in lower New York State for many years and is well experienced in dealing with the legal complexities and diverse ecological communities from the lower Westchester suburban areas, throughout the Hudson Highlands and the Catskill Mountain region. Each area is distinctive with unique ecological and political environments as well. The staff of Ecological Analysis, LLC has both the requisite experience and the know-how to deal with all aspects of seeing a project through all the field studies and regulatory processes to a successful outcome.

We are, most importantly, committed to the community in which we live and volunteer our expertise to local based organizations such as The Sullivan County Partnership, the Orange County Chamber of Commerce, and the Putnam County Development Corporation.

Ecological Analysis *is* assuring a sustainable future!

We turn permitting into progress



**James A. Bates, CPESC, CPSWQ**  
**MANAGING MEMBER**

**EDUCATION**

- Mansfield University  
Mansfield, Pa  
Fisheries Biology, 1986

**CERTIFICATIONS &  
TRAINING**

- New York State Forum  
Bog Turtle training, 1989
- OSHA 40-Hour Hazardous  
Waste Operations Safety  
and Health Training, 1989
- Troxler Certified, 1999
- EDR, Due Diligence at  
Dawn, 2000
- ACI Level 1 Certified, 2000
- NICET Level 1, 2000
- Rutgers Threatened &  
Endangered Species  
Certificate, 2001
- ASTM Technical and  
Professional Training for  
ASTM-1527 & 1528, 2001
- 38-Hour ACOE Wetland De-  
lineation & Management  
Training Program, 2001
- Rutgers Lake Management  
Certificate, 2002
- Erosion and Sediment Con-  
trol Site Planning, 2005
- Design and Implementation  
of Erosion and Sediment  
Control Practices, 2005
- Design of Stormwater  
Ponds and Wetlands, 2005
- Certified Professional in  
Erosion and Sediment Con-  
trol, # 3724
- Certified Professional in  
Stormwater Quality, #0439

**PROFESSIONAL EXPERIENCE**

**MANAGING MEMBER**

*Ecological Analysis LLC, Middletown, New York*  
*2009– present*

- Responsible for day to day operations of this envi-  
ronmental and planning consulting firm which spe-  
cializes in ecological, environmental, stormwater,  
and wetland services in order to advance projects.
- Interfaces with many different consultants, as part of  
a team, in order to complete projects without delay.
- Educated and experienced in efficient project man-  
agement providing superior services to *all* clients  
while upholding responsibilities to the environment  
and the concerns of the community.
- Oversees SWPPP inspections for nearly two dozen  
diverse building sites.
- Responsible for the oversight and completion of all  
wetland and wildlife projects.
- Instrumental in the completion of both the State Re-  
quired Environmental Impact Statement and all  
subsequent studies for housing developments, ho-  
tels, various shops and business including Veria  
Living and Dollar General.
- Serves the community by participating in the Sulli-  
van County Partnership, the Orange County Cham-  
ber of Commerce and the Putnam County Economic  
Corporation.

**Senior Environmental Scientist/ Wetland Ecologist**

*Tim Miller Associates, Inc. Cold Spring, New York*  
*2003-2009*

- Responsible for environmental impact analysis, eco-  
logical studies, wetland studies, delineation, permit-  
ting, and design, mitigation, and client representa-  
tion. Completed these tasks according to Army Corp  
of Engineers (ACOE) guidelines, New York State  
Department of Environmental Conservation  
(NYSDEC) policies and the local regulations of  
Dutchess, Orange, Putnam, Sullivan, and  
Westchester Counties and received both ACOE Ju-  
risdictional Determinations (JD) and NYSDEC sign-  
offs.



**James A. Bates, CPESC, CPSWQ**  
**MANAGING MEMBER**

- Rutgers' Freshwater Wetland Construction, 2007
- Rutgers' Advanced Wetland Delineation, 2008

**PUBLICATIONS**

- Development of an efficient technique to promote the inflation of swimbladders in tank-reared striped bass. New York State Chapter of the American Fisheries Society, 1988
- Larval striped bass survival during weaning from Artemia nauplii to three commercial diets. American Fisheries Society, Fish Culture Section Newsletter, 1989

**COMMUNITY SERVICE**

- Sullivan County Partnership
- Orange County Chamber of Commerce
- Putnam County Economic Corporation

- Completed applications and received permits for stream, and stream disturbance, wetland and wetland buffer impacts, crossing permits and permitting for a pond in a NYSDEC buffer area. All resulted in the timely completion of many projects.
- Responsible for numerous Flora and Fauna projects concentrating on endangered species.
- Responsible for erosion and stormwater monitoring for many large residential development projects in Orange, Putnam, and Westchester Counties.
- Completed wetlands delineation and/ or mitigation projects include, but are not limited to:
  - 750 acres in Dutchess county (13,000 flags)
  - 860 acres in Orange county
  - 2200 acres in Sullivan county
  - 1800 acres in Sullivan county
  - Hollow Brook Golf Course & The Hackley School

**Environmental / Wetlands Scientist Engineering Tech**  
*Tectonic Eng. & Surveying, PC Mountainville New York*  
*1999-2002*

- Responsible for ESA and National Environmental Protection Act (NEPA) reports, Environmental Assessment Forms (EAF) and New York State SEQRA reviews. Work for these projects included completing due diligence by interfacing with local, state, and federal agencies for pertinent site information, site visits, and the resolution of any endangered species and/ or wetland issues.
- Responsible, in whole, for supervising the dredging of the Lower Reservoir and dam restoration for the Village of Warwick. This include a EAF, a joint application dredging permit, sampling plans and sediment sampling, a permit to remove fish, a SEQRA document and site erosion control.
- Coordinated with the ACOE for permits associated with the maintenance dredging of a boating channel for the Village of Greenwood Lake.



**James A. Bates**, CPESC, CPSWQ

**MANAGING MEMBER**

- Performed a 72-hr. pump test for a municipal well in the Village of Warwick.
- Prior to construction, conducted a survey and received a letter of concurrence from the NYSDEC stating that an addition to a music sales warehouse in Chester, would have *no effect* on bog turtles, which are an endangered species.
- Conducted EAS Phase I site evaluations, Federal Communication Commission (FCC), NEPA, State Historic Preservation Office (SHPO) evaluations, wetlands delineations, and resolved endangered species issues for both rural and urban sites for the following cellular telephone companies:

Crown Castle LLC

Georgia PSC

Independent Wireless

Nextel

Sprint

Triton

- Responsible for all phases of construction inspection, including, but not limited to, erosion control inspections, concrete inspection, (casting of cylinders and slump testing), earthwork construction, (density testing of compacted soil), verification of backfill placement and construction inspection, (size, spacing, and placement), roadway construction, (asphalt paving and installation of underground utilities) and masonry inspections, (sampling of mortar and grout).
- Responsible for laboratory testing such as concrete compressive tests, Proctor tests gradations and Atterberg limits and moisture content of soil samples.

### **Construction Inspector**

*Rifton Airport Hangar*

- Regulated by both the NYSDOT and the FAA, performed inspection of erosion controls, soil compaction for grade and subgrade materials, as well as the placement and testing for both the inside of the hangar and runway apron.



**James A. Bates**, CPESC, CPSWQ  
**MANAGING MEMBER**

**Senior Biologist/ Nutritionist**

*Western Aquatic Resources, Inc., Delano, Ca*  
1989-1991

- Responsible for *all* biological activities in a multi-species,( channel catfish, striped bass, and white sturgeon) 10-acre fish farm.
- Also responsible for the technical supervision of up to 40 technicians.
- Responsible for the hatchery set-up, the spawning of striped bass, and the nutritional status and feeding regimes for all three different fish species.

**Environmental Technician**

*Lawler Matusky & Skelly Eng., Pearl River, New York*  
1989

- Experienced in the taxonomic identification of freshwater and marine fishes throughout the United States.
- Aided in numerous 316(a) & 316(b) studies for various power companies on the Hudson River.
- Responsible for impingement sampling at various power plants.
- Sampled both wells and sediment at various locations.

**Fish Culturist**

*Aquatic Systems, Mecca, Ca*  
1986-1987

- Responsible for the intensive rearing of channel catfish, hybrid striped bass, tilapia, striped bass and white sturgeon.

**Environmental Technician**

*Normandeau Associates, Verplanck, New York*  
1986

- Served as a deck hand on a fisheries research vessel conducting fisheries and ichthyoplankton sampling and otter-trawling throughout the NY Harbor.





**Brian Bury, CPESC, PWS**

**Senior Environmental Scientist**

## **EDUCATION**

- SUNY at Oneonta  
Oneonta, New York  
B.S. Environmental Science

## **CERTIFICATIONS & TRAINING**

- Professional Wetland Scientist (PWS) # 2720
- Certified Professional in Erosion and Sediment Control (CPESC) #5899
- NJDEP Flood Hazard Control Act Rules
- Cornell Cooperative Extension, Hudson Valley, Stormwater Design for Linear Projects, 2013
- Cornell Cooperative Extension, Dutchess County, Arborist Training, 2012
- Esri Learning Center, NYC, ArcGIS Desktop I, Desktop II, and ArcGIS Server Training, 2011
- NYS Wetland Forum, NE/NC Manual Supplement, Corp of Engineers Wetland Delineation Manual Training, 2010
- NYS Wetland Forum, Wetland Mitigation Banking Workshop, 2010
- Hudsonia Reptile and Amphibian Survey Methods, 2008
- NYSDEC Waterfowl Education Course, 2008
- Rutgers University Wetland Delineation Training Program, 2007

## **PROFESSIONAL EXPERIENCE**

### **Senior Environmental Scientist**

*Ecological Analysis LLC, Middletown, New York  
2009– present*

- Responsible for wetland studies, delineation, mitigation and permitting. Performs ecological studies.

### **Environmental Engineer**

*DTE Energy, Bluestone Gathering, New Milford, Pa  
2014-2015*

- Ensure environmental regulatory compliance for a Marcellus Shale natural gas in-field gathering system.
- Coordinated, recommended, and implemented solutions for environmental issues.
- Developed and implemented environmental training programs.
- Ensured regulatory compliance by keeping current with and implementing proposed regulatory changes.
- Responsible for the preparation of permit applications and the subsequent reports for natural resource matters.

### **Senior Specialist**

*Orange and Rockland Utilities, Spring Valley, New York  
2012-2014*

- Provided professional expertise on environmental issues, including, but not limited to, erosion and sediment control, wetland management, vegetation management, and issues regarding fish and wildlife.
- Provided guidance to the Environmental Services Department in order to minimize environmental risks by keeping current with *all* regulatory compliance issues.
- Responsible for the preparation of permit applications and reports for natural resource matters.



**Brian Bury**, CPESC, PWS

**Senior Environmental Scientist**

- Rutgers University Vegetation Identification for Wetland Delineation, 2007
- SUNY ESF Stormwater Outreach Program, Erosion and Sediment Control, 2007
- SUNY Silviculture Practices, 2006
- Computer Software Capabilities; AutoCAD, ArcGIS, HydroCAD, Wetshed, Wetform, CorelDRAW, Lotus, SmartSuite, Microsoft Office, Adobe Acrobat, Oracle

## **PUBLICATIONS**

- New York State Conservation Symposium, Crayfish of the West Branch of the Delaware River, 2006

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## **PROFESSIONAL AFFILIATIONS**

- Edgar A. Means Bird Club
- Hawk Watch Volunteer Bear Mountain, Chestnut Ridge, and Hook Mountain
- National Audubon Society Volunteer
- Teatown Lake Raptors Rehabilitations Program Volunteer
- Tri-Beta Biological Honor Society
- Society of Wetland Scientist
- New York State Wetland Forum

## **COMMUNITY SERVICE**

- Assistant Town Planner, Phillipstown, New York

## **Associate Scientist**

*Consolidated Edison Utilities, New York, New York  
2010-2014*

- Member of the corporate Environmental Health & Safety Natural Resource Compliance Division.
- Proficient in the area of NYSDEC, ACOE, wetland permitting, SPDES stormwater construction permitting, and wildlife and invasive species management.
- Ensured regulatory compliance by keeping current with and implementing regulatory changes.
- Developed and implemented environmental training programs.
- Developed a natural resource SharePoint webpage.
- Developed a wetland identification pamphlet.

## **Environmental Scientist / Planner**

*Tim Miller Associates, Inc., Cold Spring, New York  
2003-2010*

- Served as a project manager with duties including proposals, client liaison, scheduling, and budget tracking.
- Prepared both protocols and analysis for ecological surveys in order to utilize data for the formation of impact analysis and site specific mitigation and/or restoration plans.
- Performed wetland delineations in Dutchess, Orange, Putnam, Ulster, and Westchester Counties in accordance with ACOE guidelines.
- Prepared permit applications, functional analysis, and reports, such as SEQRA, CWA, and SPDES, as required by local, state, and federal environmental regulations and laws.
- Prepared and conducted Erosion and Sedimentation Control plans (E&SC) and SWPPPs for various projects.

## **Environmental Scientist**

*Illing Engineering Services, Parksville, New York  
2006-2007*



**Brian Bury, CPESC, PWS**

**Senior Environmental Scientist**

- Provided engineering services to several townships in Sullivan County in order to mitigate flooding.
- Prepared and conducted subsurface hydrologic investigations.
- Performed hydrologic, hydraulic and structural calculations and prepared and implemented SWPPPs for many subdivisions.

**Research Assistant**

*SUNY at Oneonta, Oneonta, New York  
2005-2006*

- Performed studies of three species of invasive and non-invasive crayfish observed in the West Branch of the Delaware River. All findings were presented to both the New York State Museum and the *North-east Naturalist*.

**Forestry Intern**

*NYSDEC Land & Forests, Region 4, Stamford, New York*

- Assisted with the identifying, tallying, and marking of state-owned timber stands.
- Assisted in Best Management Practices (BMP) for water quality at logging sites.

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**Stephen V. Cackowski, CPESC**

**Senior Environmental Scientist**

## **EDUCATION**

- Dutchess Community College  
Poughkeepsie, N Y  
A.S., Biology 1975
- Dutchess Community College  
Poughkeepsie, N Y  
Certified Medical Technician

## **CERTIFICATIONS & TRAINING**

- Certified Professional in Erosion and Sediment Control; (ENVIROCERT #8267)
- SWPPP Erosion and Sediment Control Inspector NY (SWT#7059)
- Asbestos Inspector New York; (AH 91-05397)
- Asbestos Sampling Technician - New York; (AH 91-05397)
- Asbestos Project Monitor - New York; (AH 91-05397)
- Asbestos Investigator-NYC, (83211)
- EPA and HUD Accredited Lead Inspector Training
- EPA AHERA Asbestos Inspector Training
- EPA RCRA Training
- OSHA 40-Hour Hazardous Waste Operations Safety Training

## **PROFESSIONAL EXPERIENCE**

### **Senior Environmental Scientist/ SWPPP Inspector Construction Manager Environmental Officer**

*Ecological Analysis LLC, Middletown, New York  
2012– present*

- Responsible for SWPPP for many construction sites.
- Provided support in the operation of a 900,000 sq. ft., indoor, 2-acre hydroponic commercial grow-out house for tilapia.
- Served as Proposal Manager for YGS Torah Center's request for a site assessment at an upstate former drug rehabilitation campus. The site investigation included underground utilities location and identification; a ground penetrating radar survey (GPR), collection of groundwater (and subsequent laboratory analysis) of 4 on-site monitoring wells and one basement sump; installation of soil borings utilizing geo-probe direct push equipment; laboratory analysis of the boring's soil; conversion of several soil borings into temporary groundwater sampling wells; collection of groundwater (and subsequent laboratory analysis) from the converted soil borings; investigation and administrative closure of onsite NYSDEC petroleum spills; and removal (and subsequent offsite disposal) of petroleum impacted soil. Developed a scope of work and RFP to complete the site assessment; provided costing for EA's site assessment oversight and summary reporting of completed work; distributed RFP to regional environmental contractors; reviewed received proposals for adherence to scope of work; suggested and provided reason of selection of the environmental contractor to client.
- Served as a Construction Manager Environmental Officer for the YGS Torah Center at an upstate former drug rehabilitation campus overseeing and documenting, according to local, state and federal regulations, the removal and disposal of petroleum impacted soil, and for UST's tank integrity testing.



## Stephen V. Cackowski, CPESC

### Senior Environmental Scientist

- OSHA 8-Hour Hazardous Waste Operations Supervisor's Training
- OSHA 10&30 Hour Construction Safety Training
- OSHA Bloodborne Pathogens Training
- OSHA Confined Space Training
- OSHA Hazard Communication Training
- Confined Space Hazard Assessment Training
- NYSDEC 4-Hour Erosion and Sediment Control Training
- RMD's LPA-1 XRF Spectrum Analyzer-Lead Paint Inspection System Factory Trained Operator
- Niton 700 Series multi-element XRF Spectrum Analyzer Factory Trained Operator
- Multimedia CPR, AED and First Aid Training
- Authored petroleum spill closure work plans/reports for the YGS Torah Center's upstate former drug rehabilitation campus and updated their NYSDEC Petroleum Bulk Storage Registry.
- Served as Proposal Manager for The Travelers Companies Inc. (an insurance company) request for a Phase II ESA of Outlaw Industries Inc. (property owner of a former electronic manufacturing facility) where "recognized environmental conditions" (RECs), were identified. These RECs included reported onsite groundwater contamination by industrial solvents; an unresolved reported leaking tank and spill at an adjoining property; the presence of onsite debris; the presence of aboveground/underground petroleum bulk storage tanks of unknown integrity; the presence of hazardous materials; and RECs detailed in a previous Phase I ESA suggesting locating the septic systems for the onsite buildings and subsequently sampling the liquid and sludge from each system. Developed a scope of work and request for proposal (RFP) to further investigate the identified RECs; provided costing for EA's Phase II ESA oversight and summary reporting of completed work; distributed RFP to regional environmental contractors; reviewed received proposals for adherence to scope of work; suggested and provided reason of selection of the environmental contractor to client.
- Served as a Construction Manager Environmental Officer for the demolition of Kutcher's Country Club, an 800 acre Catskill Mountain resort and the repurposing of the same site for a Health and Wellness center operated by Veria Lifestyle, overseeing and documenting, according to local, state and federal regulations, the removal and disposal of aboveground/underground petroleum bulk storage tanks, the removal and disposal of petroleum impacted soil, and the removal and disposal of drums containing hazardous materials. Interfaced with attorneys, field and lab technicians, governmental officials, labor union representatives, project managers/owner/buyers/developers, and the general public.



**Stephen V. Cackowski, CPESC**

**Senior Environmental Scientist**

- Conducted more than 40 Phase I Environmental Site Assessments (ESA) designed to examine “recognized environmental conditions” of commercial, industrial, and residential properties per ASTM/AAI protocols including Phase I ESA Reports for over 2200 acres at Chapin Estate in New York.

**Senior Environmental Scientist / SWPPP Inspector  
Construction Mgmt. Safety Environmental Officer**  
*Bidwell Environmental LLC, Warwick, New York*  
*2003-2012*

- Served as CMSEO for three New York City Department of Environmental Protection (DEP) Bureau of Engineering Design and Construction projects.
- Responsible for implementing the health and safety requirements as set forth in the Construction Manager’s Health and Safety Plan and monitoring contract work for compliance with applicable environmental regulations and DEP Environmental Health & Safety Policies (EH&S) and Procedures.
- Guided the efforts of CM personnel in their day-to-day EH&S compliance, documented work area hazards, unsafe practices/acts/conditions, scheduled and conducted environmental awareness and safety meetings and safety training programs, prepared daily activity and weekly/monthly safety summary reports and contractor EH&S evaluations, coordinated/tracked the generation of hazardous and non-hazardous waste, inspected work and waste storage areas, witnessed environmental sample collection.
- Performed and documented erosion & sediment control inspections as the *qualified individual*. Ensured all erosion and sediment control devices were functioning properly and in accordance with the erosion control plan, that all exposed slopes were protected from erosion, that dust control measures were being appropriately implemented and all equipment and machinery on-site were free of drips, leaks or oil/grease accumulation.



**Stephen V. Cackowski, CPESC**

**Senior Environmental Scientist**

**Environmental Scientist / Health & Safety Officer**

*William L. Going and Associates, Gardiner, New York  
2003-2010*

- Conducted more than 600 Phase I Environmental Site Assessments of commercial, industrial, and residential properties per ASTM/AAI protocols, and more than 150 Phase II Environmental Site Assessments designed to examine "recognized environmental conditions".
- Interfaced with attorneys, field and laboratory technicians, governmental officials, labor union representatives, project managers, property owners/buyers/developers, and the general public.
- Responsible for "due diligence" record searches and interviews, site inspections, sample collection of groundwater, soil, air, and asbestos-containing materials, authoring/publishing summary reports, and hazardous materials handling/sampling.
- Served as Site Health and Safety Officer on 5 sub-foundation slab investigation projects, 15 soil investigation/remediation projects, and 126 above-ground/under-ground petroleum bulk storage tanks removal/remediation projects. Calibrated and operated direct reading and data logging analytical equipment to measure lower explosive limit and total VOCs.

**Environmental Scientist / Health & Safety Officer /  
QA/QC Auditor**

*EA Eng. Science and Technology, Newburgh, New York  
1980-2003*

- Served as health and safety officer and quality assurance/quality control auditor on a New York State Department of Environmental Conservation Class II Inactive Hazardous Waste Site Closure; U.S. Air Force BRAC base landfill closures; municipal landfill closures; remedial investigation and feasibility studies; petroleum spill investigations and remediation; underground/aboveground chemical/petroleum tank removal; PCB article investigation, groundwater investigations; suspected asbestos material inspections at U.S.A.F. Air Mobility Command air bases, U.S.A.F. Europe air bases, U.S. Army, and U.S.





**Stephen V. Cackowski, CPESC**

**Senior Environmental Scientist**

Navy facilities; suspected lead-based paint inspections at U.S.A.F. Air Mobility Command air bases and U.S.A.F. Europe air bases. Guided personnel in their day-to-day environmental health & safety compliance; conducted environmental awareness and safety meetings and safety training programs and provided safety, health and OSHA compliance.

- Served as industrial hygienist technician for a project involving FAA airports and U.S. Department of Defense Distribution Center's OSHA compliance. Performed assessments; calculated hazard risk based on accident probability and severity; operated and calibrated analytical equipment utilized in atmospheric testing; entered, managed, and provided quality assurance/quality control of data; interfaced with airport/distribution center points-of-contact, project/site managers, and crew members.
- Served as a senior technician for assessments on U.S.A.F. Air Combat Command air bases and served as a crew leader on U.S.A.F. Europe air bases for confined space investigations. Performed assessments; examined and documented public safety requirements, engineering controls, personal protection, respiratory protection, and rescue equipment necessary for confined space entry; completed hazard inventory; operated and calibrated analytical equipment utilized in atmospheric testing; managed and provided quality assurance/quality control of incoming data from team partners; trained U.S.A.F. personnel in operation of Confined Space Management System database; interfaced with air base points-of-contact, project/site managers, and crew members.
- Served as site manager on U.S.A.F. Air Mobility Command air bases; served as senior site manager on U.S.A.F. Europe air bases for suspected lead-based paint investigations; trained new personnel; conducted pre and post-inspection briefings; interfaced with air base points-of-contact, project/site managers, and crew members; and inspected military high priority facilities and military residential properties.
- Served as a crew leader on U.S. Army Corps of Engineers asbestos bulk surveys; served as a mentor to asbestos inspectors on a Washington



**Stephen V. Cackowski, CPESC**

**Senior Environmental Scientist**

D.C. Public School AHERA compliance project; inspected military, commercial, industrial, and residential properties for the presence of suspected asbestos-containing materials; and performed asbestos sampling.

- Served as an asbestos database coordinator for a major soft drink manufacturer. Created a database that tracked homogeneous area descriptions/locations/quantities, homogeneous area abatement hazard ranking/response actions, sample collection/results, facility real estate data, asbestos abatement contractor quotes, and facility asbestos abatement costs/removal events. Tracked project progress from initial facility visit through final report and data file archive. Inspected commercial and industrial properties for the presence of suspected asbestos-containing materials; and performed asbestos sampling.
- Authored site-specific Emergency Response/Action Plans and Site Safety and Health Plans, and developed operational procedures for various field activities, thereby ensuring data consistency for all field inspectors and database operators, as well as expediting production and accuracy of reports.
- Responsible for calibration and operation of direct reading and data logging analytical equipment to measure carbon dioxide, carbon monoxide, hydrogen sulfide, lower explosive limit, methane, ozone, percent oxygen, relative humidity, temperature, total VOCs, total particulates, utilizing colorimetric tubes to measure amines, benzene, Cl<sub>2</sub>, chlorinated solvents, phenols, and SO<sub>2</sub>.
- Conducted ground/surface water/wastewater and soil sampling during remedial investigation and feasibility studies. Conducted soil vapor studies at military, commercial and industrial properties. Performed indoor air quality assessments, airborne chemical sampling, noise surveys, and soil XRF spectrum analysis sampling. Installed test pits, soil borings and monitoring wells and implemented associated "right-to-know" programs.



**Stephen V. Cackowski, CPESC**

**Senior Environmental Scientist**

- Developed operational procedures for various field activities thereby ensuring data consistency for all field inspectors and data base operators as well as expediting production and accuracy of reports. Inspected military, commercial, industrial, and residential properties for the presence of suspected asbestos-containing materials. Performed asbestos sampling, Served as a crew leader on a U.S. Army Corps of Engineers' asbestos bulk survey. Served as a Mentor to asbestos inspectors on the Washington D.C. Public City schools' AHERA compliance project. Inspected military high priority facilities and residential properties.

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## EDUCATION

- University of California  
B.A. Zoology
- Southern Maine Vocational Technical Institute,  
Marine Science, and Engineering  
South Portland, Maine

## CERTIFICATIONS & TRAINING

- Army Corps of Engineers,  
Wetland Delineation  
Training Program

## PUBLICATIONS

- VanHeukelem, W.F.,  
R.M. Harrel, S.G.  
Hughes, S. Lindell and B.  
Friedmann. Optimal conditions for swim bladder inflation in striped bass larvae reared in intensive systems, 2000
- Northeastern Regional  
Aquaculture Center.  
NRAC Pub. No. 00-006.  
Univ. MA North Dartmouth, MA 5pp.
- Friedmann, B. and K. Shutty.  
Effect of timing of oil film removal and first feeding on swim bladder inflation success among intensively cultured striped bass larvae. N. Am. J. Aquaculture. 61 (1):43-46, 1999
- Friedmann, B.R. Culture techniques for the large-scale production of intensively-cultured striped bass, *Morone saxatilis*, fry and fingerlings, 1995

## Bruce Friedmann

### Senior Environmental Scientist

## PROFESSIONAL EXPERIENCE

### Senior Environmental Scientist

*Ecological Analysis LLC, Middletown, New York*  
2009– present

- Provided support in the operation of a 900,000 sq. ft., indoor, 2 acres hydroponic commercial grow-out house for tilapia.
- Collected environmental field data and prepared SPDES documents for environmental impact analyses, including vegetation and/or wildlife surveys, ecosystem assessments and wetland delineations for projects in Sullivan County (Menderis Road, McKean Pond, and Westbourne Estates).
- Conducted wetland delineations and wetland permitting in Orange, Ulster and Sullivan Counties, obtaining Federal and State Jurisdictional Determinations on sites as diverse as occupied single home lots to undeveloped properties in excess of 850 acres in size.
- Resolved impact issues for protected species of threatened or endangered plants and wildlife, including the dwarf wedge mussel, small whorled pogonia, bog turtle, and bald eagle.

### Chemical Treatment Plant Operator

*BASF Corporation, Peekskill, New York*  
2007-2017

- Conducted plant operations at a coated mica manufacturing facility utilizing gas-fired belt furnaces, belt filters, bag houses, centrifugal separators, screw conveyors and tray dryers for a 10 metric ton (MT) daily production of specialty effects pigments for the automotive, cosmetics and plastics industries. Process operator at the facilities combined demineralized water plant and industrial pretreatment wastewater plant.

### Environmental Scientist/ Consultant

*Tim Miller Associates, Inc. Cold Spring, New York*  
2005-2207

- Collected environmental field data and prepared SPDES documents for environmental impact analyses, including vegetation and wildlife field survey,



- Kreamer, Q., B. Friedmann, and W. Dey. Larval striped bass (*Morone saxatilis*) mortality under intensive culture conditions: Evidence of the role of water composition and nutrition from tissue monitoring and diet-related phenomena. International Fish Health Conference Vancouver, B.C., 1988

## PROFESSIONAL AFFILIATIONS

- New York State Wetlands Forum
- Orange County Land Trust,
- New York Flora Association

## Bruce Friedmann

### Senior Environmental Scientist

Conducted stormwater runoff monitoring projects. Field sites were located within the lower Hudson River valley in towns of Dutchess Orange, Putnam, Rockland, Sullivan, Ulster, and Westchester Counties.

- Protected species for which field and literature investigations have been conducted include:
  - Indiana bat (*Myotis sodalis*)
  - Bog turtle (*Clemmys muhlenbergii*)
  - Gray petaltail (*Tachopteryx thoreyi*)
  - Willdenow's sedge (*Carex willdenowii* var. *willdenowii*)
  - Putty Root (*Aplectrum hyemale*)
  - Downey wood-mint (*Blephilia ciliata*)
  - Globe-fruited ludwigia (*Ludwigia sphaerocarpa*)
  - Virginia false gromwell (*Onosmodium virginianum*)
  - Hooker's orchid (*Platanthera hookeri*)
  - Wild comfrey (*Cynoglossum virginianum*)
  - Devil's bit (*Chamaelirium leuteum*)
  - Rattlebox (*Crotalaria sagittalis*)
  - Shining bedstraw (*Galium concinnum*)
  - Beaked agrimony (*Agrimonia rostellata*)
  - Narrow-leaved sedge (*Carex amphibola* var. *amphibola*)

### Chemical Treatment Plant Operator

Nepera, Inc. Harriman, New York  
2001-2005

- Conducted plant operations at a vitamin B3 manufacturing plant, a SCADA controlled, FDA-regulated manufacturing facility utilizing pressure/ temperature reactors, crystallizers, centrifuges, compactors, mills, and packaging equipment for a 10 MT daily production.

### Chemical Treatment Plant Operator

LMS Engineers, LLC. Pearl River, New York  
1999-2001

- Responsible for operational SPDES compliance of a SCADA-controlled waste metals removal pre-treatment system at an IBM computer chip manufacturing facility.



## Bruce Friedmann

### Senior Environmental Scientist

#### **Aquaculture Research Supervisor**

*Aquafuture, Inc., Turners Falls, Massachusetts*

- Directly responsible for operations research hatchery and staff at a 600,000-gallon indoor commercial culture facility for hybrid striped bass.
- Supervised research projects under the aegis of NOAA, USDA / NRCA, and USDA / SBIR Programs, and the US-Israel Science and Technology Commission

#### • **Biology Laboratory Manager/ Aquatic Biologist**

*EA Eng. Science and Technology, Newburgh, New York*

*1974-1996*

- Directly responsible for operations of the environmental field and laboratory staff of the Alexandria, Egypt wastewater treatment program for USAID EIS. Supervised a field and laboratory staff of 12 Egyptian scientific professionals and technicians.
- Designed and directed the development of a program environmental database and provided related input to program reports.
- Conducted aquatic and terrestrial field surveys in New York, New Jersey, Florida, and Puerto Rico. Supervised design, construction and operational phases for various freshwater and saltwater aquaculture and bioassay testing facilities.
- Supervised freshwater and estuarine field studies for impact assessment of electric generating stations in New York and Florida watersheds. Performed trapping transects for marking and population estimates of small mammals. Supervised field collection activities for in situ vertebrate and invertebrate bioassay monitoring of sewerage effluent from Puerto Rican Sewage Authority (PRASA) treatment plants.
- Designed, constructed, and supervised a toxicology laboratory for the testing of freshwater bioassay organisms in accordance with the standard protocols of U.S. Environmental Protection Agency (EPA) and the New York State Department of Environmental Conservation (NYSDEC).



## **Bruce Friedmann**

### **Senior Environmental Scientist**

- Conducted Rapid Bioassessment Protocol (RBP) field fisheries surveys according to EPA RPD protocols. Field tested and conducted environmental risk assessment stream survey according to NYSDEC Biothreat model protocols.
- Developed and applied relational database programs to integrate and track. Information for samples processed concurrently in multiple labs. Queried, extracted, and condensed data for presentation in tables and reports. Prepared quarterly and annual operating reports.
- Prepared courtroom exhibits as staff assistant biologist during 316(b) Adjudicatory hearings for Hudson River utility companies. Co-authored related multiplant impact reports for regional electric utilities and provided data documentation and technical librarian services as support functions for staff witnesses.
- Responsible for hiring, training, daily scheduling and tasking up to 25 scientific professional and technicians.





## Kendra J. Lintner

### Senior Planner/ Project Manager

#### EDUCATION

- CUNY @ Hunter College  
Master of Urban Planning  
May 2005
- SUNY College of Environmental Science & Forestry  
B.S. Environmental Forest Biology, May 1999
- SUNY @ at Buffalo  
Biology, 1995-1997

#### CERTIFICATIONS & TRAINING

- OSHA 40-Hour Training  
(29 CFR 1910.120)
- 8-hour Annual Refresher  
(29 CFR 1910.120)
- AutoCAD Training Class
- Remediation System Training
- Supervisor Training
- Proficient in Microsoft Word, Microsoft Excel, PowerPoint, Lotus WordPro, AutoCAD, IMPLAN

#### PROFESSIONAL AFFILIATIONS

- Member of American Planning Association  
APA

#### PROFESSIONAL EXPERIENCE

- **Senior Planner/Project Manager**  
*Ecological Analysis, LLC, Middletown, New York*  
2009-present
- Responsible for the preparation of all documentation required by the State Environmental Quality Review Act (SEQRA) and National Environmental Policy Act (NEPA) for the Congregation Mazah project. This project, as currently proposed, would introduce a summer camp for approximately 800-900 people located on the former 150-acre Avon Lodge Hotel Property in the Town of Fallsburg, Sullivan County, New York. The summer camp would introduce 25 single family homes, 21 four-plex dormitory buildings and 10 standard dormitory buildings. Proposed facilities would include a kitchen/dining building, a synagogue with classroom facilities, a gym, swimming pools, tennis and basketball courts.
- Conducted Visual Assessment required by SEQRA and NEPA for the Clovewood Project. This project, as proposed, would establish 600 single family residential homes on the former Lake Anne County Club in the Village of South Blooming Grove, Town of Blooming Grove, Orange County, New York. The Visual Assessment analyzed and evaluated the potential visual impacts of the proposed 600 homes and associated road network on approximately 136 acres of the total 708-acre project site on areas immediately surrounding the project site and beyond.
- Supervised the preparation of all documentation required by SEQRA and NEPA for a Primax Properties project. This project, as proposed, has facilitated the location of a Dollar General in Germantown, New York.
- Supervised the preparation of Environmental Assessments to meet the requirements of the NEPA. These assessments determine the



## **Kendra J. Lintner**

### **Senior Planner/ Project Manager**

potential environmental impacts of several Federal Emergency Management Agency (FEMA) funded projects proposed in the Village of Owego, Tioga County, New York. The projects were within the Owego Apalachin Central School District (OACSD) and included the replacement of the Owego Elementary School, the Owego Apalachin Administration Building, and the OACSD's Maintenance Building. The structures replaced were damaged by floodwaters from Tropical Storm Lee in September 2011. The Environmental Assessment documents FEMA's analysis of potential impacts of the proposed projects, including the analysis of project alternatives, and identification of impact minimization measures.

- Supervised the preparation of all documentation required by SEQRA and NEPA for the Westbourne Estates project. This project, as proposed, would introduce a seasonal and year-round development of 331 multifamily units on 92.0 acres within the Woodbourne hamlet of the Town of Fallsburg, New York.

### **Planner/ Project Manager**

*Tim Miller Associates, Inc. Cold Spring, New York  
2005-2009*

- Provided professional environmental planning services for private and municipal clients in concentrated areas of land use, environmental and comprehensive planning.
- Managed the preparation of documents required by the State Environmental Quality Review Act (SEQRA) and the National Environmental Protection act (NEPA) including Scoping Outlines, Environmental Assessment Forms (EAF) Draft and Final Environmental Impact Statements and Finding Statements. Provided expert compliance advice to clients.
- Provided senior level project management services including coordinating project teams and internal staff, representing clients at public meetings, providing expert guidance in the regulatory review and approval process.



## **Kendra J. Lintner**

### **Senior Planner/ Project Manager**

- Prepared development feasibility studies, land use, and zoning assessments.
- Prepared fiscal, socioeconomic, cultural, and land use analyses examining the potential impacts of various land use and development projects and/or zone changes.
- Performed field inspections required to delineate wetlands and prepare habitat and wildlife surveys, including those for threatened and endangered species.
- Conducted Phase I and Phase II subsurface investigations, which included municipal and New York State file researches.

### **Environmental Scientist / Project Manager**

*Tyree Organization, LTD, Brookfield, CT  
2000-2005*

- Managed 30 plus environmental audit sites. Duties include scheduling of environmental construction activity, correspondence and scheduling with subcontractors and vendors, invoicing, job cost analyses, (using AS400), and preparing AutoCAD drawings.
- Performed hydrogeological assessments and made recommendations regarding proposed remediation methods.
- Responsible for Phase I and Phase II subsurface investigations, which included municipal and New York State file researches, supervision of subsurface drilling, the installation of groundwater monitoring wells and the monitoring of vapor concentrations.
- Performed field inspections including topography, sensitive environmental receptors, and exposed geological formations, in order to assess their bearing on a particular project.
- Composed hydrogeological reports including lab results, boring data, and soil and rock profiles.
- Implemented health and safety protocols at construction sites and supervised the removal of USTs.



## **Kendra J. Lintner**

**Senior Planner/ Project Manager**

- Performed maintenance on, and operated remediation systems including bioremediation, dual phase, soil vapor extraction and air sparges.
- Supervised both field and remediation technicians.



# PROJECT EXPERIENCE





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## PROJECT EXPERIENCE

### **BIRCHWOOD ESTATES-WILD LIFE AND HABITAT ASSESSMENT**

Ecological Analysis, LLC provided the biological survey of the Birchwood Estates Subdivision and has researched relevant information concerning target species (including bird, mammal, reptile, amphibian, aquatic, and terrestrial plant species) identified and mapped wildlife habitats (including Hemlock Forests). The list includes those species likely to be of concern within each mapped habitat and have included threatened and endangered wildlife species listed by the NYSDEC. It also included an assessment of electronic and published data documenting habitat requirements, diagnostic information, and known occurrences. EA has worked as part of the project team on the EAF Part 3 to obtain SEQRA and Site Plan approvals for the 70 unit development.

### **BLOOMING GROVE POND-NYS PERMITS**

Ecological Analysis, LLC has completed field work and applications as well as applying for and receiving a permit to dredge a five-acre pond with a protected stream.

### **CHAPIN ESTATES EXPANSION- WETLANDS, WILDLIFE AND HABITAT ASSESSMENT, NYS PERMITS, PHASE I/ ESAs, AND STORMWATER INSPECTIONS**

Ecological Analysis, LLC provided the Biological Habitat Assessment, wetland delineation, and Environmental Site Assessment for the proposed 2000 plus acre expansion of the development into the Towns of Bethel, Lumberland, and White Lake.

### **CITY WINERY- EAGLE NEST IMPACT ASSESMENT AND NYSDEC PERMITTING**

Ecological Analysis, LLC, working with a group of local consultants, has provided both an environmental assessment and mitigation measures for a client who intends to repurpose an old yarn mill into a destination winery and boutique hotel in the Village of Montgomery.

### **CONTINENTAL ORGANICS- FISH GROW-OUT OPERATIONS**

Ecological Analysis, LLC stepped in to provide day-to-day operation for an abandoned Tilapia grow-out facility until the fish could safely be moved to a permanent location.

### **CYNTHIA ROAD- WETLAND & WILDLIFE AND HABITAT ASSESSMENT**

Ecological Analysis, LLC provided the Biological Habitat Assessment and wetland delineation for the proposed development in the Town of Binghamton.

### **FORD EQUINE- EPA GUIDENCE**

Ecological Analysis, LLC provided EPA guidance for a client who is in the process of converting a gravel pit into pasture land for horses. This project involves working on and near wetlands and EA was retained in order to mitigate impact on the surrounding area.

### **GIBBOR ROAD- DEC PERMITTING AND LEGAL ISSUES**

Ecological Analysis, LLC worked with the client and the NYSDEC in furtherance of resolving legal and compliance issues connected with this project.

### **HIGHLAND SAND AND GRAVEL- PHASE I AND PERMITS**

Ecological Analysis, LLC provided both a Phase I ESA and filed air permits for NYSDEC in compliance with the reporting conditions for a NYSDEC permit during transfer of ownership.

### **IVY LANE- EAGLE NEST IMPACT ASSESMENT AND DEC PERMITTING**

Ecological Analysis, LLC has provided both an environmental assessment and mitigation measures for a client who upon discovering an eagle's nest called for guidance on the correct way to proceed on a four lot subdivision. It was recommended to proceed with the tree clearing and excavation



## PROJECT EXPERIENCE

outside of the breeding season, use signage, and minimize noise by using the minimum amount of equipment while on site.

### **KUTCHER'S RESORT / VERIA LIFESTYLE REPURPOSING**

Ecological Analysis, LLC has provided the construction environmental oversight for the demolition of Kutcher's Country Club, an 800-acre Catskill Mountain resort, and the repurposing of the same site for a Health and Wellness center, spa, and hotel operated by Veria Lifestyle, overseeing and documenting, according to local, state and federal regulations, the removal and disposal of above-ground/underground petroleum bulk storage tanks, the removal, and disposal of petroleum impacted soil and the removal and disposal of drums containing hazardous materials. EA has completed wetland and wildlife surveys, along with a water survey on Anawana Lake. EA is currently performing weekly SWPPP surveys.

### **KIMBALL PARK- WETLAND DELINEATION AND PCN**

Ecological Analysis, LLC completed a wetland delineation for this project in accordance to the new Draft Interim North Central and Northeast Regional Supplement to the U.S. Corps of Engineers manual and submitted the delineation and the request and subsequently received a Jurisdictional Determination (JD) and a Preconstruction Notification Number (PCN) for the project to fill approximately 0.10 acres of regulated wetland for an entrance and parking area for the Town of Montgomery's Rail Trail Park.

### **LEVY WHITE LAKE- PERMIT EXTENSION**

Ecological Analysis, LLC obtained a NYSDEC permit extension for shoreline and beachfront work on White Lake in Sullivan County, New York.

### **MCKEAN POND- VEGETATION SURVEY**

Ecological Analysis, LLC has worked on a multiyear vegetation survey and reported those findings to the NYSDEC in compliance with the reporting conditions for a NYSDEC permit.

### **MENDERIS ROAD- WILDLIFE STUDY & REPORT FOR KITREDGE vs TOWN OF LIBERTY DECISION**

Ecological Analysis, LLC provided the Biological survey for the proposed Menderis Subdivision by researching relevant information concerning target species, (including bird, mammal, reptile, amphibian, aquatic, and terrestrial plant species) identifying and mapping wildlife habitats (including hemlock forests). The list included those species likely to be of concern within each mapped habitat and included threatened and endangered wildlife species listed by the New York State Department of Environmental Conservation (NYSDEC).

The report also included an assessment of electronic and published data documenting habitat requirements, diagnostic information, and known occurrences. The survey entailed field reconnaissance of the entire project site to evaluate and document the existing habitat types and conditions and to determine the presence or absence of potential habitats associated with the species identified during the research effort.

During this time EA also conducted surveys looking for individuals of target species that would be expected to be present on the property. The presence of species utilizing the property has been documented within a comprehensive Biological Habitat Assessment Report. The report documented the presence or absence of the target species as well as describing the species identified; and included photographs of the habitat areas and drew conclusions concerning the potential use of the property by the target species.



The report included specific mitigation measures as may be necessary to protect the identified wildlife habitats. It addresses whether or not it is possible, through subdivision design, to incorporate wildlife corridors connecting such habitats, so that the town board could determine, with reasonable certainty, whether such mitigation would thus avoid significant environmental impacts on the wildlife under consideration.

### **NORSE ENERGY– STORMWATER, WETLANDS, WILDLIFE, AND ACOE PERMITTING**

Ecological Analysis, LLC has completed both the environmental and ecological working for the gas well and drilling pads. EA has done the wetland and wildlife work as well as assisting with the writing of the SWPPP's.

### **OLYMPIC ESTATES– SEQRA, DEIS, FEIS, AND SITE PLAN APPROVALS**

Ecological Analysis, LLC worked with the local planning board to obtain both SEQRA and site plan approvals for a 141 unit development located on County Route 53 in the Town of Fallsburg, New York. The project was recently zoned REC-1, however, when the planning process was initiated it was mapped in the B-1 zone.

The density of the project was based and completed on the density allowed within the B-1 zoning laws. The project includes 141 single-family detached dwellings, which will be constructed for year round use but will be occupied primarily during the summer months. Community facilities will include a swimming pool, baseball field, and tennis court, as well as playgrounds for the younger children. The site encompasses 187.8 acres of area, of which about 65.8 acres is proposed for development. The development will be served by a private water supply and municipal sanitary sewer facilities. A series of loop roads owned by the homeowner's association will provide internal circulation.

### **OWEGO-APALACHIN CENTRAL SCHOOL DISTRICT- FEMA NEPAs FOR THREE BUILDINGS**

Ecological Analysis, LLC worked with the Owego Apalachin School district, their consulting engineer and FEMA to complete a NEPA Environmental Assessments for the reconstruction of their elementary building, administration building and maintenance building for the school district.

### **PHASE I / ESA**

Ecological Analysis, LLC provided numerous Phase I ESA's throughout the Hudson Valley for our clients. We work on large and small projects from small commercial lots to 2000 plus acre projects.

### **PRIMAX PROPERTIES- SEQRA, DEIS, FEIS, And WETLANDS AND WILDLIFE**

Ecological Analysis, LLC has completed a wetland and wildlife study and has worked as part of a team which obtained both SEQRA and zoning approval for a Dollar General Store; while keeping the aesthetic nature of the town.

### **STONEGATE AT NEW WINDSOR- WETLAND DELINEATION AND ACOE PERMIT**

Ecological Analysis, LLC completed a wetland delineation for the project accord to the new Draft Interim Northcentral and Northeast Regional Supplement to the U.S. Corps of Engineers' manual. EA submitted the wetland delineation and requested, and received a Jurisdictional Determination (JD) and a Preconstruction Notification Number (PCN) for the project. The project proposed to fill approximately 0.10 acres of regulated wetland for an entrance road.



## PROJECT EXPERIENCE

### **THE CENTER FOR DISCOVERY- PHASE I ESA**

Ecological Analysis, LLC performed a Phase I ESA of a former asphalt paving contractor's garage, workshop and storage yard for the repurposing of the property to become a maintenance facility. EA performed a Phase I ESA of a three floor former insurance company's corporate headquarters, including its offices, kitchen, cafeteria, gym, theater, and maintenance areas, for the repurposing of the property to become the client's headquarters, class rooms, community center, doctor offices, and hospital.

### **TOWN OF NEVERSINK- FEMA NEPA FOR THE REPLACEMENT OF BALL FIELDS LOST TO HURRICANES**

Ecological Analysis, LLC worked with the Town of Neversink, their consulting staff, and FEMA to complete a NEPA Environmental Assessment for the reconstruction of the Town's Recreational Field.

### **VARIOUS SOLAR FARM START-UPS**

Ecological Analysis, LLC is working with many solar farm companies, which want to provide sustainable energy to local communities. EA is providing wetland and wildlife surveys along with permitting needs.

### **VARIOUS STORMWATER POLLUTION PREVENTION PLANS (SWPPS)**

Ecological Analysis, LLC is currently working on several dozen weekly and monthly SWPPS projects.

### **VARIOUS WETLAND WILDLIFE AND VEGETATION SURVEYS FROM WESTCHESTER TO CHENGO COUNTY**

Ecological Analysis, LLC is working on and has completed numerous wetland, wildlife and vegetation surveys for projects in order to assist in the SEQRA requirements. We work alone and as part of a team of consultants on these projects.

### **WESTBOURNE ESTATES DEIS- DRAFT ENVIRONMENTAL IMPACT STATEMENT**

Ecological Analysis, LLC completed a Draft Environmental Impact Statement (DEIS) for the Westbourne Estates project. EA analyzed the impacts associated with the proposed seasonal and year-round development that would introduce a total of 331 single and multifamily units on 91.73 acres within the Woodbourne Hamlet area of the Town of Fallsburg, New York. This work has been done in accordance with the New York State Environmental Resource Act (SEQRA) with the Town of Fallsburg acting as the lead agency. The DEIS was accepted by the Town and EA has completed the FEIS.

### **WHITE LAKE SCHUL**

Ecological Analysis, LLC worked as part of a team to complete and submit a Stormwater Pollution Prevention Plan (SWPPP) for a project that was under an *Order of Consent* from the NYSDEC. The SWPPP was accepted by the NYSDEC on the first submission. EA then stayed on the project and did the weekly stormwater inspections and filed the Notice of Termination to the NYSDEC once the work was completed.



## MAJOR CLIENTS

- Baker Residential
- Broadway Health Care
- Cameby International
- Cornell Cooperative
- Diversified Realty Advisors
- Empkey Gatherings
- Norse Energy
- Primax Development
- Sterling National Bank
- The Center For Discovery
- The Town of Montgomery
- The Town of Neversink
- Touro College
- Veria Lifestyles
- UTA
- UTV

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Thank-you