



**ADIRONDACK ECOLOGISTS, LLC**

**Summary Services Brochure**

# ***AE* ADIRONDACK ECOLOGISTS, LLC**

## ***Environmental Consulting***

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Adirondack Ecologists, LLC (***AE***) is an environmental consulting firm specializing in a diverse array of lake management services. Primary areas of expertise include limnological studies, lake and pond management, nuisance aquatic plant control, water quality and biological monitoring, and environmental education and grant writing.

Serving government, industry, and the private sector, ***AE*** designs and conducts studies to meet the needs of the individual client. Most often, clients retain the services of ***AE*** to perform in-depth lake studies or to complete environmental impact assessments in order to comply with regulations pertaining to the procurement and maintenance of environmental permits. Regardless of the project size, ***AE*** prides itself on providing high quality, professional work delivered on time and at a reasonable cost.

The firm offers the following services:

- Aquatic Ecology Baseline Studies
- Phase 1 and Phase 2 Lake Studies & Management
- Small Pond Design & Management
- Water Quality Testing & Long-term Monitoring
- Environmental Permitting & Project Management
- Environmental Impact Assessment & Mitigation Planning
- Environmental Education Programs
- Environmental Grant Writing
- Environmental Risk Assessment & Management
- Fresh Water Aquaculture Development & Consulting
- Aquatic Invasive Species Surveys & Management
- Lake Management Plans

**“Helping clients understand, manage and protect lakes since 1988”**

## **Aquatic Ecology Baseline Studies**

**AE** has extensive experience in the field of fish, macro-invertebrate, zooplankton and phytoplankton sampling and analysis. Forage base and food web considerations are extremely important in holistic lake management and understanding the dynamics of these populations is critical when evaluating lake systems.

## **Water Quality Testing & Long-term Monitoring**

**AE** has designed and implemented water quality sampling programs on over two dozen bodies of water in New York. These programs have varied from one-time samplings to long-term monitoring projects that have occurred over several decades. **AE** specializes in chemistry and biological sampling and utilizes certified laboratories for analysis.

## **Lake Management Plans**

The firm specializes in the preparation of lake management plans (LaMP's). A LaMP is a working document that serves as a guide to the ongoing process of collaborative ecosystem management of a body of water. This document identifies the goals and concerns of shore owners, lake users and government and it outlines those strategies that offer the best opportunity to achieve the stated goals and address the shared concerns of these stakeholders.

## **Environmental Permitting & Project Management**

Many clients turn to **AE** for assistance in securing environmental permits from jurisdictional agencies (e.g., NYS DEC, Adirondack Park Agency) to allow them to proceed with regulated activities. In addition to permitting services, the firm also specializes in providing project management oversight to ensure that permit conditions are adhered to and that projects proceed successfully and efficiently.

## **Environmental Grant Writing**

**AE** has been successful at securing over \$100,000 in funding for its municipal and private clients in order to assist them with conducting their environmental projects.

## **Aquatic Invasive Species Surveys & Management**

Since 1988, **AE** has performed aquatic plant surveys or designed and implemented nuisance aquatic plant management projects on over 50 lakes and ponds in New York State. These management programs generally involve the control of exotic (introduced) aquatic species like Eurasian water milfoil, water chestnut and curly-leaf pondweed.