

*“Smart People  
Solving Problems”*

Buys & Associates, Inc. is an environmental consulting firm that specializes in defining and resolving your environmental issues.

B&A realizes that time and accuracy can make or break a project. Our approach is to evaluate problems that either the client, the agency, or we have identified and then design and implement a program with cost-effective solutions.

B&A biologists, botanists, geologists, hydrologists, NEPA experts, and other specialists provide a unique blend of technical expertise and regulatory knowledge. We understand how to approach even the most difficult projects. With our knowledge of regulatory requirements, you can count on us for practical and appropriate solutions to your environmental needs.

## Wetland Delineations & Investigations

Buys & Associates, Inc's certified wetland delineators help mitigate potential wetland impacts and minimize project costs and delays. Services include:



- Riparian & Aquatic Habitat Assessments
- Delineation Field Data Collection
  - Wetland Boundaries
  - Plant Identification Inventories
  - Soil Profile Determinations
  - Hydrology Investigations
- Comprehensive Wetland Delineation Report to facilitate US Army Corps of Engineers & local agency consultation
- Non-jurisdictional Wetland Inventories
- Wetland Delineation Mapping
- Nationwide & General Permit Preparation
- Wetland Impact Mitigation & Monitoring (typically required annually by US Army Corps of Engineers five years following construction)
- Riparian Re-vegetation Plans & Monitoring
- US Army Corps of Engineers Consultation
- Federal, State, and Local



**For more information call:**

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## Wetland Delineation & Permitting Services Overview

Buys & Associates, Inc. has three certified wetland delineators and is on the US Army Corps of Engineers' list of preferred wetland consultants. Delineations and investigations are completed according to the 1987 Corps of Engineers' Wetland Delineation Manual or the regional supplement, if available. If jurisdictional wetlands are identified, B&A staff will make recommendations on how to avoid or minimize impacts to wetland habitat, thus reducing regulatory involvement, time, and expense.

B&A's expert staff can also assist clients in the dry-season by identifying probable or potential jurisdictional wetlands to aide in planning determinations. Delineations would be finalized and documented by B&A experts the following growing season.



## Wetland Mapping

B&A employs a team of professional GIS & CAD technicians who are responsible for preparing site specific maps for wetland projects/permits. Wetland/upland boundaries are determined by GPS field survey data or in some cases by using aerial site photos/plat diagrams superimposed with wetland boundaries. A map of the site's vegetative communities and soil profiles are also prepared for the comprehensive wetland delineation report.



## Wetland Permitting

B&A's engineers & wetland specialists are experienced in preparing both Federal and State wetland permits in accordance with Section 404 of the Clean Water Act and other applicable regulations.

B&A's thorough understanding of wetland regulatory requirements aid in accurate data collection and timely preparation of permits. In addition, B&A has established a strong working relationship with the US Army Corps of Engineers and local regulatory agencies, therefore enabling us to expedite the permit review process.



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