



optimizing

environmental resources | water, air, earth





AquAeTer =

Aqua (water) + Aer (air) + Terra (earth)

We know that environmentally you are faced with many challenges. You want to meet the current environmental regulations and be a responsible member of the community, but without all the extensive costs that can put a financial strain on your company. We understand you have to work professionally, quickly, efficiently and safely. We understand, because we work the very same way.

AquAeTer, Inc. is a multi-discipline, environmental consulting firm dedicated to providing environmental engineering and science services to help our clients comply with federal, State, and local environmental regulations. Simply put, we find practical, cost-effective solutions to environmental problems.

With offices across the U.S., we are responsive to our clients' needs, as well as to providing high-quality work that meets our clients' objectives. We are team players who work as an extension of your own company's capabilities, while providing personalized service and objective technical advice. We work to understand your business and your environmental compliance philosophy. We stay on the forefront of developing technology and environmental regulations that will be significant to anyone involved in environmental control programs.

Water, air, earth – let **AquAeTer** optimize your resources in whatever environment that lies ahead.



Environmental Assessments & Due Diligence

Whether you are considering purchasing, selling, or refinancing, obtaining an environmental assessment is an important part of a successful transaction. Our qualified team routinely performs Phase I and II Site Assessments and Environmental Due-Diligence Reviews for sites located across the United States and internationally. Our clients include corporations, law firms, lenders and individuals.

- Asbestos, Lead-based Paint and Radon Sampling Evaluations
- Compliance Cost Forecasting
- Cost Analysis for Current/Future Liabilities
- Desktop Reviews
- Due-Diligence and Compliance Review Audits
- NEPA Environmental Screening

Permitting & Compliance Assistance

Our clients depend on our extensive experience in developing comprehensive permit applications for various types of media including water, air, and solid and hazardous wastes. We also offer compliance assistance and support for both existing and proposed permits. We are successful because we understand the regulatory environment, we think both strategically and tactically, and we understand that maintaining compliance is a key business process.

- Air, Water and Landfill Permitting:
 - Minor Source, NSR/PSD & Title V
 - NPDES, Stormwater & Wetlands
 - Low-level Radioactive Waste, Municipal, RCRA & TSCA Landfills
- Best Management, SPCC & SWPP Plans
- Greenfield & Brownfield Siting
- Negotiations and Strategy
- Permit Application Preparation





Remedial Investigations

When you suspect there is a problem, it's important to have an experienced remediation expert who can help you through the entire process. Every stage is critical, from determining if there really is a problem, all the way to completion certification. We understand the importance of time and loss avoidance and our track record shows that we continually satisfy clients' expectations and achieve regulatory and community acceptance.

- Environmental Media Sampling
- Evaluation and Selection of Remedial Measures
- Facility Remediation Closure or Reuse
- Innovative Technology Applications
- RCRA, SWA, CERCLA and TSCA
- Remedial Design & Implementation
- Risk Assessment & Site Investigations
- State Voluntary Clean-up Programs

$$\frac{\partial N_1}{\partial t} = \frac{\partial(A_x u N_1)}{A_x \partial x} - \frac{\partial(A_x u N_1)}{A_x \partial x} + \beta_3 N_0$$

Environmental Studies

We believe that sound environmental permits must be founded on accurate, reliable and defensible data. Obtaining the necessary data often requires substantial effort and advanced technology. We have the in-house capabilities to design and implement sophisticated data acquisition programs and translate the results of our studies into the most beneficial use for our clients.

- Air Emission Inventories
- Ambient Air Testing and Monitoring
- Aquatic Toxicity Testing & Analysis
- Bench and Pilot Scale Studies
- Contaminant Fate and Transport Modeling
- Database Management and Presentation
- Mixing Zone Delineation and Assessment
- Soil & Groundwater Investigations
- Stormwater Management Implementation
- Total Maximum Daily Load Determination
- Use Attainability Analysis
- Vadose Zone Investigations
- Wastewater System Design and Evaluation
- Water Quality Analysis and Studies
- Watershed Management Planning
- Wetlands Delineations & Biological Surveys



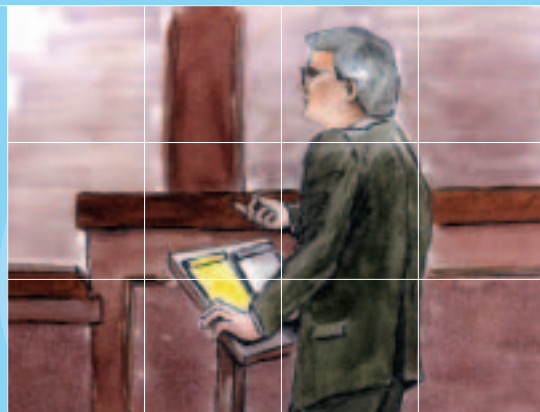
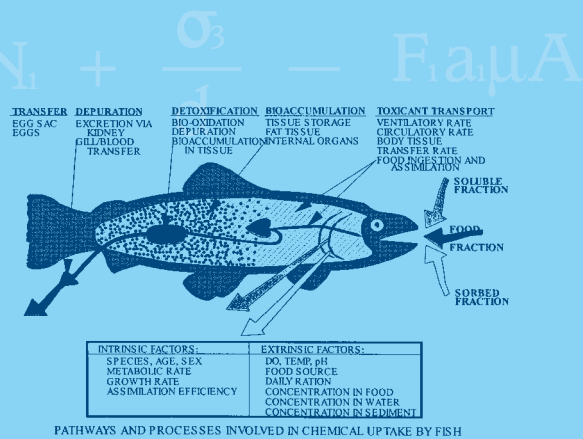
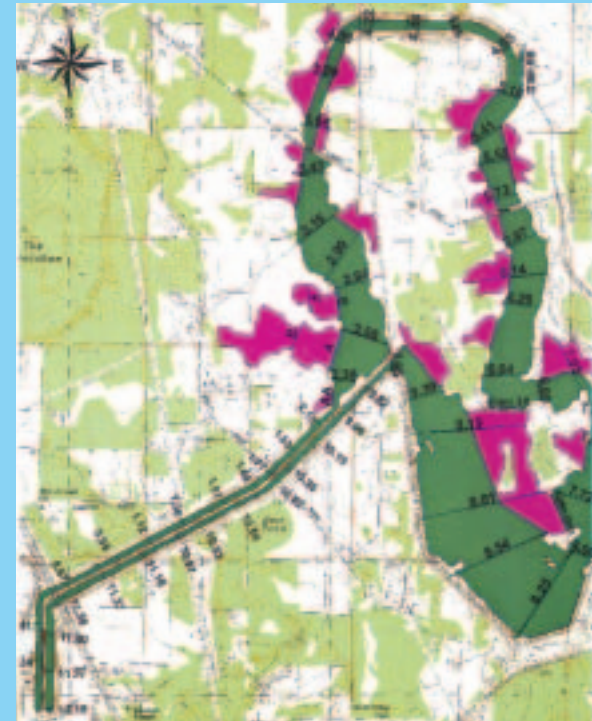
Specialty Services

Over the years, our technical directors have adopted a simple approach to offering specific services. We create designs and plans, with good science and sound engineering, which make sense. We are experts, when presented with a problem, at understanding the regulations and how they can be applied. We are leaders in providing technical expertise and innovative technology that offers a leap forward from traditional approaches.

We are recognized as key participants in numerous trade associations, where our clients benefit directly from our assistance in critical environmental arenas.

Some of the specialty services we offer include the following:

- Design Engineering
 - Preliminary Diffuser Design & Analysis
 - Waste Management Facility Design
- Environmental Forensics
 - Due Diligence - Site Screening/Environmental Assessments/Compliance Audits
 - Forensic Claim Assistance - Cost Recovery or Allocation/Liability Determination
 - Litigation Support - Technical Studies/Expert Testimony
- Environmental Engineering
 - Bio-stimulation
 - Bio-augmentation
 - Contaminant Fate and Transport Modeling





Solid, Hazardous, and Radioactive Waste Management

Waste management facilities today are faced with a broad range of issues from historic waste management practices to present-day waste generation. Our experience includes management of municipal solid waste, industrial waste, hazardous chemical wastes, and radioactive materials – at publicly owned landfills, industrial and commercial waste management facilities, and closed or abandoned sites. Our broad list of capabilities ranges from characterization and long-term monitoring at historic sites to new facility design and permitting.

- Construction Quality Assurance
- Corrective Measures Studies and Implementation
- Development of Design Drawings and Construction Specifications
- Groundwater Bioremediation
- Groundwater Flow and Contaminant Transport Modeling
- Hydrogeological Investigations
- Leachate Analysis
- Management and Analysis of Environmental Monitoring Data
- Site Management and Oversight
- Vadose Zone Monitoring, Soil Gas Monitoring
- Waste Management Facility Design

The AquAeTer Team

Our clients ask us to help them with their toughest challenges. They choose us because we take a personal interest in them and their specific needs. Every company is unique and we work diligently to find the best solutions that fit you.

With engineers and scientists of various backgrounds, we are able to assemble teams that can truly offer a broader perspective. Our technical directors are recognized in niche markets such as, TMDL, water resources, hazardous waste landfills, air permits for complex environments, landfill cap design, and environmental forensics. Our team thrives on solving environmental challenges and turning them into creative and practical business solutions.



Michael R. Com

Automotive

Goodyear Tire & Rubber
Nissan North America
Vulcan Corporation

Chemical Industry

3M
Angus Chemical Company
Arkansas Eastman Chemical Co.
Belvieu Environmental Fuels
Cabot Corporation
Enterprise Products Operating LP
Hercules Incorporated
Millennium Inorganic Chemicals, Inc.
Mitsubishi Chemical
Noveon, Inc.
Solutia, Inc.
Tierra Solutions
Viacom

Financial Firms

Canadian Imperial Bank of Commerce
Chase Manhattan Bank
Community Bank Nashville
Cumberland Bank
Essex Financial Group
Eustis Mortgage Corporation
First Bank
Fifth Third Bank
First Tennessee Bank
GMAC Commercial Mortgage
J.P. Morgan Chase & Co.
Johnson & Company
Keystone Mortgage Partners
Laureate Capital Corporation
LaSalle Bank
Liberty Life Insurance
Pan Pacific Development
Pierce National Life Insurance
Principal Capital Management, LLC
Principal Life Insurance Company
Principal Real Estate Investors, LLC
Salomon, Inc.
SouthTrust Bank
The Alison Company
Trans Financial Bank
Vanguard Financial Company
Woodmen of the World Life Insurance Society

Law Firms

Andrews & Kurth, LLP
Baird, Holm, McEachen, Pedersen, Hamann & Strasheim, LLP
Baker, Donelson, Bearman & Caldwell, PC
Barnwell Whaley Patterson & Helms, LLC
Bass, Berry & Sims, PLC
Blackwell, Campbell & Leavitt, PC
Boult, Cummings, Connors & Berry, PLC
Chapman & Cutler

Cleary, Gottlieb, Steen & Hamilton
Cravath, Swaine & Moore
Duane Morris, LLP and Affiliates
Dumont & Matejek
Gardner, Carton & Douglas
Greene & Espel, PLLP
Hill Wallack
Jones, Day, Reavis & Pogue
Kilpatrick Stockton, LLP
Kirk Waite
Lanier Ford Shaver Payne, PC
L.J. Melody & Company, PC
Lightfoot, Franklin & White, LLC
Long, Ragsdale & Waters, PC
McKenna & Cuneo, LLP
McMath, Vehik, Drummond, Harrison & Ledbetter
Morris, Smith & Feyh, Inc.
Quattlebaum, Grooms, Tull & Burrow, PLLC
Schiff Hardin & Waite
Scofield, Gerard, Veron, Singletary & Pohorelsky
Sheppard, Morgan & Schwaab, Inc.
Simpson, Thacher & Bartlett
Squire, Sanders & Dempsey
Wildman, Harrold, Allen & Dixon

Manufacturing

Alcoa, Inc.
CNH Global NV
National Gypsum Company
Pan-Oston Co. and Pan-Oston Ltd.
Pyroflex
Verbatim Corporation
Wilson Sporting Goods

Metals

Cerro Copper Tube Company
Kobe Steel
Norandal USA, Inc.
Olin Brass

Municipalities/Government

American Bottoms Regional WWTF
Big Bear Municipal Water District
City of Alton, IL
City of Jacksonville, FL
City of Murfreesboro, TN
Dare County, NC Water Department
Davidson County, NC
Duck River Agency
Illinois Department of Transportation
Martin Marietta-ORNL
MidAmerica Industrial Park
Rock River Water Reclamation District
U.S. Army Corps of Engineers
Willows Water District, CO

Other

Aerostar Environmental Services, Inc.

Harding University
Mississippi Power Company
Protein Technologies International, Inc.
Tyson Foods, Inc.

Petroleum Industry

Amerada Hess Corporation
Ashland, Inc.
Clark Refining & Marketing, Inc.
ChevronTexaco Corporation
Exxon Mobil Corporation
Petróleos de Venezuela, S.A. (PDVSA)
Propernyn B.V.
Travel Ports of America, Inc.

Pulp & Paper

Augusta Newsprint Company
Boise Cascade Corporation
Georgia-Pacific Corporation
Hollingsworth & Vose Company
Inland Paperboard and Packaging, Inc.
International Paper Company
Packaging Corporation of America
Riverwood International
S.D. Warren Company
sappi
Stone Container Corporation
Weston Paper & Manufacturing Company
Weyerhaeuser

Real Estate/Developer

Caldwell Banker
Cane Ridge Properties, LLC
Chasetel Real Estate Holding Company (Cricket Communications)
Dotson & Thomason Development
Norris, Beggs & Simpson
Northern Telecom
Signal One, LLC
Willows, LLC

Waste Management

American Ecology Corporation
Republic Services, Inc.
Texas Ecologists, Inc.
Waste Connections, Inc.
Waste Management, Inc.

Wood Preserving

American Wood Preservers Institute
Atlantic Wood Industries, Inc.
Burke-Parsons-Bowlby Corporation
Creosote Council II
Kerr-McGee Chemical, LLC
Koppers Industries, Inc.
Texas Electric Cooperatives
Western Wood Preservers Institute
Universal Forest Products



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