TRC's Applied Chemistry Group, utilizing the Applied Chemistry Laboratory, is committed to helping clients develop and implement innovative solutions that translate into significant business value and bottom-line benefits.

Beyond the Basics
In most cases, commercial laboratories work within a USEPA method–driven analytical routine and are limited by a lack of project exposure and an analysis-only focus. Rather than simply reporting laboratory results, TRC's Applied Chemistry Group interprets results in the context of the project history, the regulatory framework and the site-specific issues. By fully understanding your business and environmental objectives, we are able to develop a technical solution that is not only effective, but that will provide additional benefits to your ongoing operations—including lower upfront costs, reduced environmental risk and liability and improved profitability and productivity.

The Applied Chemistry Group's contributions to TRC's highly successful metals treatment program and to in-situ chlorinated solvent remediation routinely helps clients save millions of dollars in hazardous waste transportation and disposal costs and remove long-term environmental liabilities from their books. Few consulting firms can so successfully integrate chemistry into a total project solution.

The Applied Chemistry Laboratory has also become an invaluable resource for the development of physical models to assess phenomena that are occurring in the environment, and then use these insights to develop remediation technologies that work right the first time they are applied at full scale. This facility and our scientists have developed new sediment remediation technologies, both for capping and metals treatment.
Standout Services

Most environmental work has some element of chemistry involved. We address the chemistry-related aspects of our clients’ environmental issues and provide a solution that adds value to your business. We offer the following specialized services:

• Bench-scale studies to develop and optimize treatment technologies for metals and organics
• Waste-specific leaching test development to better evaluate leaching potential of high-volume wastes and optimize handling and placement procedures to minimize leaching
• Custom-designed technology development for specific applications
• State-of-the-art ICP to support metals treatment treatability studies
• Coordination with commercial and/or certified laboratories, including coordinating analytical work, conducting preliminary screening or confirmatory testing and providing data interpretation or validation

About TRC

A pioneer in groundbreaking scientific and engineering developments since the 1960s, TRC is a national engineering, consulting and construction management firm providing integrated services to the power, oil and gas, environmental and infrastructure markets. We serve a broad range of clients in government and industry, implementing complex projects from initial concept to operations. TRC delivers results that enable clients to achieve success in a complex and changing world.

TRC includes over 4,000 technical professionals and support personnel in more than 120 offices throughout the U.S. Our clients depend on TRC’s multidisciplinary teams to design solutions to their toughest business challenges.

Representative Clients

• AIG Technical Services, Inc.
• Automobile Parts Manufacturer
• Better Brite Superfund Site
• C&R Battery Superfund Site
• Columbia Development Corporation
• Copper Smelting Facility
• Diamond State Salvage Superfund Site
• Door County, Wisconsin Department of Natural Resources
• East Penn Manufacturing
• Fairmont Battery Site
• Former Fertilizer Manufacturing Site
• Former Herbicide Blending Facility Superfund Site
• Former Lumber Company Site
• GNB Technologies, Inc.
• Hennepin County Shooting Range
• Home Depot
• Industrial Waste Disposal NPL Site
• Langley Air Force Base
• Marina Cliffs Barrel CERCLIS Site
• MTI Products
• Speakman Company Foundry Sand Site
• U.S. Army Corps of Engineers
• U.S. Environmental Protection Agency
• Wabash Alloys
• Waupaca Foundry
• Waupun Battery Site
• Wisconsin Department of Transportation

Why TRC?

• TRC has a long history as expert problem solvers.
• We excel in constructing creative options to find the optimal solution for our clients.
• We are dedicated to helping our clients reach their ultimate goals.

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