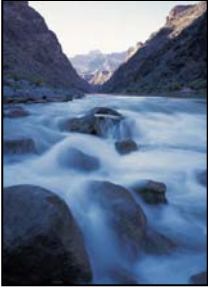


Treatability Studies

Options for the development of site-specific remediation chemistries.

ReSolution Partners Remediation Trends • March 2008



Treatability studies provide a low cost evaluation for the development of site-specific chemistries as an alternative to “off the shelf” products applied at conservative dosage rates. Well designed treatability studies can identify better reagent mixes at lower doses that result in cost savings, with reduced risk of treatment failure. With a treatability study, chemistries are designed for specific site conditions, and allow for evaluating alternate treatment scenarios and land use options.

Treatability Study Approach

- Assess project goals and future land use
- Evaluate potential remedial alternatives
- Develop site-specific leaching procedures
- Demonstrate long-term stability

Treatability Studies and Remedial Design

- An up front study can expand remedial design options.
- Creative remedial options developed through treatability studies can result in significant cost savings.
- Remedial options may include the ability to reuse treated materials on-site, eliminating off-site management costs and liabilities.

Full-Scale Remedy Implementation

Treatability study services can also be used in the full-scale implementation of a remedy. In-field services can:

- Confirm passing results during implementation, saving time and money.
- Optimize reagent doses, providing reduced treatment costs.

ReSolution Partners Capabilities

Our experienced staff develop innovative, site-specific test protocols and chemistries designed to meet project goals. Upon completion of a treatability study, pricing is available for implementation of the remedy, providing guaranteed performance of our recommended treatment alternatives. Alternatively, we can assist you in the development of the remedy.

Laboratory Services

The ReSolution Partners treatability study laboratory can provide batch and column studies for metals stabilization, total oxidant demand determination, and organics oxidation. The treatability laboratory is compliant with the RCRA manifest requirements for hazardous waste exemption under U.S. EPA Code of Federal Regulations 40CFR§261.4(f) and under Wisconsin Administrative Code NR661.04(6).

About ReSolution Partners, LLC

ReSolution Partners delivers environmental solutions designed to meet our client’s objectives. Our staff combines cost-effective environmental strategies with customized remedies to alleviate an environmental liability.

For more information about treatability studies and treatment alternatives, visit our website at www.resolutionpartnersllc.net or contact Angela Hassell at 608.669.1248.

