

Creating Water Solutions

Groundwater Strategies

Groundwater Resources

- Water Supply
- Watershed Management
- Hydrogeological Investigations
- Numerical Modeling
- Well Siting, Testing & Permitting
- Wellhead Protection Area Delineation
- Karst Hydrogeology
- Aquifer Storage & Recovery

Groundwater Clean-up

- CERCLA/RCRA
- Contaminant Source Delineation
- Solute Transport Modeling
- Fate and Transport Analysis
- Plume Containment
- Technology Evaluation
- Mobile Treatment Units
- Monitored Natural Attenuation
- Brownfields Investigations
- Remediation System Design

Solution Delivery

Turnkey Installation

- Design Engineering
- Instrumentation & Control Design
- Equipment Procurement
- Safety Training
- Construction Management
- Start-up Services
- Performance Testing
- O&M Manuals
- Operator Training
- Design/Build
- Design/Build/Operate
- Design/Build/Own/Operate

Industrial Water Treatment

Process Water Supply

- Use Optimization/Minimization
- Recycle/Reuse
- Cost/Benefit Analysis
- Quality Enhancements

Wastewater Management

- Characterization
- Treatability Studies
- Treatment Technology Evaluation
- Conceptual Design
- Treatment Process Validation
- Pilot Plants
- Process Optimization
- Cost Savings Evaluations
- Zero Liquid Discharge Systems
- Pollution Prevention
- Waste Minimization

Air Quality Engineering

Odor Control

- Off-site Impact Analysis
- Sampling Protocol
- Emission Characterization
- Control Strategy Evaluation
- System Design
- OdoWatch™ Monitoring Systems

Dispersion Modeling

- Class I Area Modeling
- NAAQS Modeling
- Significant Area Impact Modeling
- PSD Increment Analysis
- Downwash Analysis
- Odor Modeling

Control Technology Evaluation

- RACT/BACT/LAER/MACT
- Process Control Recommendations
- Control System Design

Compliance Services

Water Permitting

- NPDES Permits
- Water Quality Modeling
- Mixing Zone Studies
- Future Limitation Projections
- Technical Review & Negotiation
- Pretreatment Programs
- Local Limits Studies
- Expert Testimony

Storm Water Management

- Pollution Prevention Plans
- Best Management Practices
- Sewer Investigations

Air Permitting

- Permits for Capital Projects
- NSR/PSD
- Title V Operating Permits
- Permits to Install

Advocacy

- State/Federal Negotiations
- Permit Review
- Impact Analysis of New Regulations

Environmental Audits

- Due Diligence Evaluations
- Phase I/II Audits
- Multimedia Environmental Audits

Compliance Management

- Outsourcing
- Compliance Plans
- SPCC/SWPPP/PPC/FRP
- Delisting Petitions
- SARA Reports
- Discharge Monitoring Reports
- Emission Fee Reports
- Risk Management Plans