

EIC Products & Services

- Air & Wastewater Treatment
- Environmental Assessments
- Environmental Permitting
- Environmental Remediation
- Due Diligence Audits
- Hazardous Waste Management
- ISO 14000 Audit Compliance
- Risk & Hazard Assessment
- Safety Products & Services
- Spill Prevention & Control
- Storm water Management
- Training Programs
- Waste Minimization
- Water Resources Evaluation



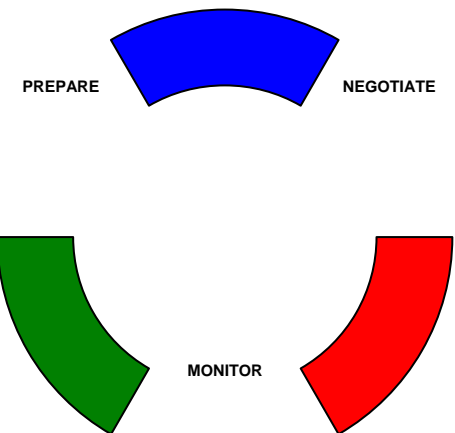
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EIC Environmental Services



EIC Environmental
Services

A Process for successfully implementing Risk-Based Corrective Action (RBCA)



A must for executives, supervisors, project managers, technicians, , insurers, lenders, regulators, and any other personnel considering RBCA approach for remediation of contaminated site(s).

It's Much More Complicated!

According to Professor John Adams, a leading expert on risk ,” Risk Management is not rocket science—It’s much more complicated!” Because fate and transport of contaminants in the subsurface is a much more complex process and an evolving science, many regulatory agencies are skeptical about risk-based approaches in achieving cleanup goals. It is important therefore that you prepare your site data for an effective negotiation of a risk-based corrective action (RBCA) process. Failing to do so may result in hefty fines from regulatory agencies, civil law suits, or even criminal conviction.

EIC’s Approach

Factoring site-specific constraints and geopolitical nuances in a diverse and complex global environment, EIC has developed a three step process to successfully implement RBCA. The course will provide in-sight into practical approaches to prepare a site for RBCA, negotiating strategies with regulatory agencies, and unique monitoring methods to clearly establish that a specified cleanup level has been reached. The course integrates ASTM and EPA guidelines in implementing a successful RBCA program.

What is Covered?

- Local Regulations And Standards
- Evaluating international standards to fill voids in local regulations
- Negotiating regulatory endorsements
- Evaluating prevailing site conditions
- Identifying data gaps for RBCA approach
- Considering interim remedial actions
- Preparing a site conceptual model (SCM)
- Developing sampling protocols
- Identifying background levels
- Establishing baseline conditions
- Dealing with bedrock environments, fluctuating groundwater conditions, and other complex hydrogeologic settings
- Initial Site Assessment
- Tier I Evaluation
- Establishing Risk Based Screening Levels
- Tier II Evaluation
- Negotiating Site-specific Target Levels
- Recalibrating SCM
- Identifying potential receptors
- Introduction to Fate and Transport Models
- Remedial Action alternatives
- Compliance Monitoring
- Verifying cleanup status in tidally influenced sites
- Examining sites conducive to monitored natural attenuation (MNA) approach
- Communicating RBCA to public, financial institutions, and insurance carriers
- Negotiating cost-cap insurance policies
- Reducing environmental reserves
- Reaching affirmative remedial end points

Practical & Interactive Training

This course is not a mere presentation of published material but actually includes data collection methods using the most practical techniques, case-studies where risk-based strategies were applied, and monitoring methods in complex situations such as tidally influenced sites or fractured-bedrock environments.

Recognizing that each site presents unique challenges, EIC encourages the participants to share individual case studies to review practical solutions to define remedial end points and eliminate perpetual cleanup programs.

Who will Instruct?

Unlike most instructors who understand theoretical aspects of RBCA process, EIC experts have a both a thorough knowledge of the RBCA as well as extensive negotiation skills with regulatory agencies . In addition, the experts have a broad-based expertise in various environmental aspects with the ability to assess risks from various pathways of degradation.

The principal expert has over 22 years experience in assessing and remediating sites contaminated with various contaminants in a global environment. EIC personnel have successfully negotiated practical risk-based corrective actions including monitored natural attenuation (MNA) solutions.



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