**Terralog Technologies Inc** provides a Cuttings Re-Injection (CRI) Project Management Service that includes technical support, data management & project management services for injection of drilling wastes (drill cuttings, waste fluids, muds, etc).

**Terralog** helps clients achieve Zero Discharge E&P operations. Our services help to meet operational-drilling objectives by ensuring successful CRI operations.

**Terralog's Technical Services Group** combines expertise in geomechanics, geology, rock mechanics, reservoir engineering, and environmental management with practical field experience in long-term deep well injection operations.

**CRI Project Management Service**

1. **Technical-engineering support** (exclusive of platform pumping services) in the CRI planning stage:
   - Geological assessment
   - Equipment assessment
   - Well design
   - Injection strategy design
   - CRI Best Practices

2. **Project regulatory support**:
   - Liaison with regulatory agencies for project permitting
   - Detailed area-of-review for project permitting
   - Preparation of applications for regulatory approvals
   - Regulatory liaison and project documentation

3. **Daily technical-engineering support**, process monitoring and reporting during active CRI operations:
   - Design and implementation of optimum injection strategies
   - Analysis of injection data to optimize the injection strategy
   - Maintain formation injectivity
   - Ensure material containment in the disposal formation
   - Ensure CRI well performance and integrity
   - Maximize formation storage capacity

4. **Data management services** for CRI disposal operations, using TTI’s specialized database applications and data management processes.

5. **Project documentation** (daily, weekly ops reporting) and regularly scheduled project meetings with the Drilling Rig Groups.

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**Service Benefits**

- Ensuring CRI Operations follow CRI Best Practices procedures & compliance
- Maintaining ‘process control’ during active CRI operations:
  - Optimized injection strategy for a variety of waste streams (slurry, slop, well fluids, etc.)
  - Maintain waste material containment in the formation
  - Maximize formation storage capacity for injected waste streams (slurry, slop, etc.)
  - Wellbore integrity

- Properly designed, implemented and managed CRI operations during drilling operations

- Reliable and sustained CRI well performance during drilling operations, in terms of:
  - Well availability/uptime
  - Wellbore integrity
  - Maximum well life
**Zero Discharge Drilling Operations Using CRI Best Practices**

- Integrated project management and technical support.
- Implementation of process control:
  - Maintain formation containment
  - Optimized injection strategies
  - Maintain wellbore integrity
  - Maximize formation storage capacity
- Data Management services for CRI disposal operations using specialized database applications and database processes
- Regulatory liaison and project documentation
- Rapid response capability for drilling rig/offshore platform based CRI operations
- Technical Support during active CRI operations
- Proven results to help achieve drilling objectives through successful, reliable CRI operations.

**CRI Best Practices**

*Terralog* helps clients successfully integrate environmental waste management into upstream E & P activities by following **CRI Best Practices** workflow processes. Related risk conditions are identified and mitigated, so that subsequent deep well disposal operations can be controlled.

Applying **CRI Best Practices** during each step of a deep well disposal project ensures successful and safe deep well disposal operations:

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**For more information please contact:**
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