

Energy Waste Management



Providing complete planning, permitting, compliance, design, and construction phase services for CCR disposal landfills and impoundments

Helping power companies respond to evolving regulations

Tetra Tech understands the current regulatory climate challenging the core business of U.S.-based power companies. We have extensive experience working with coal-fired power customers to address their coal combustion residual (CCR) waste management and environmental challenges. Our wide range of technical experience with CCR disposal landfills and impoundments throughout the United States includes:

- CCR Rule compliance services (engineering and groundwater)
- Dam, dike, and landfill inspections, evaluations, and reporting
- Geotechnical and hydrogeologic investigations and evaluations
- CCR unit siting, design-build, retrofits, and closure
- Geosynthetic systems design and installation
- Groundwater monitoring program development and implementation
- Groundwater corrective action plans
- ELG services, including water management, modeling, and treatment
- Plant retirement services
- Site remediation, land reuse planning, and wetlands assessment and restoration
- Permitting and regulatory support services
- Construction engineering, impoundment unwatering and capping, and groundwater dewatering
- Construction management, QA/QC, and certification
- Technical peer review, value-engineering assessments, and forensic witness

no. **2**
Solid Waste

no. **1**
Water

no. **1**
Environmental
Management

More than **30**
top 10 rankings from
*Engineering
News-Record*

Expertise to solve changing energy waste management challenges

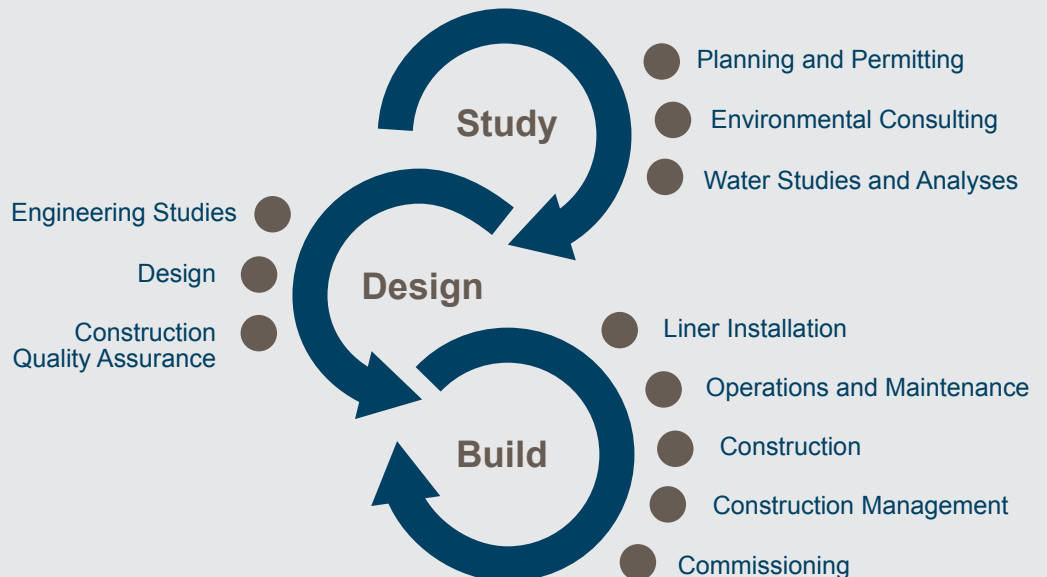
Tetra Tech has responded to our power clients' changing needs as regulations, technology, and environmental responsibility have increased over the last decade. Industrial waste storage requires intricate and large civil projects to provide new space and retire existing storage areas filled with waste products. To streamline and add value to these projects, Tetra Tech provides expertise in ash pond closures and mitigation, coal yard and plant closure and decommissioning, landfill closures and construction, and related supporting services.

Streamlining the project life cycle

Tetra Tech's energy waste management service line provides full lifecycle solutions for regulated waste streams generated at steam electric power plants. Our energy waste team includes more than 750 dedicated engineers, geologists, construction managers, skilled craftsmen, and other licensed personnel with specialized expertise.

23
generation clients
actively using
Tetra Tech to address
CCR-related issues

17
states where
Tetra Tech has active
CCR projects



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