
Coal Combustion Residuals Services



KEY's two decades of providing Coal Combustion Residuals (CCR) services to Power Generating Properties have prepared us to evaluate and react to the ever-changing EPA rules.

KEY transforms complex environmental sites into stable, sustainable assets. With a proven track record of closing **24 impoundments and 9 landfills**, our firm delivers the technical precision and regulatory foresight required to navigate the evolving CCR landscape.



Proven Scale & Expertise

- **2,400+ Acres Restored:** Extensive experience in large-scale closure and restoration.
- **Multi-State Footprint:** Successful project delivery at 14+ sites, adapting to diverse geologic and state-specific regulatory environments.
- **Integrated Teams:** Our teams bridge the gap between property owners and regulators to deliver designs that are as fiscally responsible as they are soundly engineered, all delivered on schedule.
- **Advanced Modeling:** KEY's hydrogeologists utilize advanced 3D flow modeling to pinpoint potential risks to environmental receptors. By precisely assessing groundwater conditions today, we design proactive monitoring and remediation systems that protect from long-term liability and unforeseen migration issues.

Tailored Solutions

We don't follow a one-size-fits-all remediation approach. KEY excels in providing **strategies that address site-specific conditions, concerns, and regulatory requirements**. Some cost-effective alternative options that KEY has proposed for clients include:

- Landfill Cap & Impoundment Redesign
- Closure Optimization & Consolidation
- Leachate Management
- Innovative Closure Design

Navigating the Regulatory Landscape

Compliance isn't just about meeting today's standards—it's about **planning for tomorrow's deliverables**. KEY provides the bridge between complex federal/state guidelines and actionable site plans, ensuring your project remains compliant and on schedule.

Comprehensive Services

KEY offers a comprehensive suite of environmental services, allowing us to address multiple environmental challenges including:

- Environmental Assessments
- Engineering Cost Estimates
- Geophysical Ash Characterization
- Regulatory Reviews and Agency Meetings
- Federal/State CCR Guideline Compliance
- Groundwater Management
- Wastewater/Leachate Management (ELGs)
- Impoundment/Landfill Closure Design and Permitting
- Construction Management (CQA)
- Dam and Landfill Inspections



Put our expertise to work on your next CCR challenge.

www.keyenvir.com
