

Helping you keep the lights on



Removing the Distraction and Uncertainty of Your Environmental Liabilities



During times of growing client demands, the push for a cleaner and more resilient grid, and regulatory uncertainty, utility companies must be strategic and nimble, while compliant with regulations. Foth can help you navigate through the numerous regulatory requirements so that you can focus on the services that matter to you – system availability, service reliability, and security.



Foth has expertise in:

- ◆ Coal combustion residuals (CCR)
- ◆ Landfill and impoundment closure engineering, construction and construction quality assurance (CQA)
- ◆ Water and wastewater engineering (NPDES and ELG)

- ◆ Sediment management (rivers, ponds, lakes)
- ◆ Remediation (chemical releases, fuel and oil contamination, heavy metals)
- ◆ Manufactured gas plants (MGP)
- ◆ Compliance (air, water and soil)
- ◆ Transmission support services
- ◆ Flexible project delivery (EPC, Design- Build, Turn-Key)
- ◆ Owners/Engineer and litigation representation

We work as a key partner to identify and deliver environmental solutions, so you can continue to deliver power.



Our strategic approach begins with the end in mind

We have an established track record of success delivering technical solutions to our utility clients. We can integrate technical services into nearly any project delivery method of your choosing, including traditional design-bid-build (D-B-B), design-build (D-B), construction manager at risk (CMAR), or just about any other preferred project delivery method. Whichever project delivery method you choose, we will design a strategy that begins with the end in mind, helping you achieve and maintain compliance with rules and regulations.

Coal Combustion Residuals

Foth provides technical services for CCR facility closures, design, inspections, dewatering, and permitting. We also understand the new Effluent Limitation Guidelines (ELG) to assist in developing solutions for pond closures, NPDES permitting, antidegradation alternatives analysis, dewatering and material handling strategies, and final closure/capping. We can respond quickly to provide field inspection and construction monitoring services during any phase of your project.

Landfill and Impoundment Closure Engineering, Construction and CQA

When evaluating closure options and implementing the best approach, Foth

can provide the decision framework you need, together with a carefully thought out plan to get it done correctly and efficiently. With 30 years of experience in ash landfill design, soft soils engineering and management, geotechnical engineering, groundwater monitoring and data analysis, and a thorough understanding of the regulatory requirements, we will provide a safe closure of your facility.

Manufactured Gas Plants

It is estimated that 3,000 to 5,000 former MGP sites exist across the U.S., many of which are still owned by the successors to the utilities that founded them. Management of legacy MGP sites present unique challenges for today's utility companies. Often located in dense urban or waterfront areas, getting to site closure can pose a myriad of technical, regulatory and external stakeholder issues. Our goal is to reduce your risk, eliminate long-term liability, and provide you certainty in the outcome.

Foth understands that, to successfully complete your project, a number of critical requirements must be met:

- ◆ Safety of all operations, especially the surrounding public
- ◆ Building and maintaining trust with the regulators and the community, while acquiring time-critical approvals

- ◆ Cost effectiveness of all project elements and efficiency in project delivery
- ◆ Collaboration among all members of the implementation team, including the client, contractor and subcontractors

Sediment Management and Remediation

Restoring waterways by managing contaminated sediment is complex and challenging. And, it can carry a heavy price for responsible parties. For 25 years, Foth has provided strategic design and remediation for some of the largest, most complex sediment remediation sites in the U.S. Foth balances our clients' needs for 100% regulatory compliance, with effective schedule and budget management. With offices coast to coast, Foth efficiently brings the knowledge and experience required to provide comprehensive sediment management, including site investigation, remediation design, permitting, remedial action, disposal management, sediment capping, dredge residuals, beneficial reuse, and closure. From initial discovery, through long-term monitoring, *Foth gets the project done right the first time.*

