Exceptional Commitment To Quality

Kleinfelder is an employee-owned engineering, science, and architecture consulting firm providing solutions to meet our world’s complex infrastructure and natural resource challenges.

At Kleinfelder our business is built on a track record of proven success and long-term relationships. Our breadth of expertise and range of services allow us to bring clients value across multiple aspects and phases of their diverse challenges.

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Image on the front cover: Isabella Dam - USACE Sacramento

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**Environmental**

Our engineers, geologists, and scientists provide a full range of environmental services, including: groundwater treatment and monitoring systems optimization; site assessment; NEPA compliance; CERCLA/RCRA investigations; natural resource management; air and noise studies and modeling; risk assessment modeling; remedial design; and removal actions. Our successes include 725+ regulatory site closures, 5,000+ environmental engineering, operations and maintenance, and optimization projects, and 250+ NEPA/ecosystem restoration projects. Our groundwater monitoring and treatment optimization efforts have reduced lifecycle groundwater remediation costs by more than $5 million.

**Capabilities**

- Dam & Levee Safety Inspections
- Dam & Levee Risk Analysis & Risk Assessment
- Geotechnical Engineering
- Hydraulic & Hydrologic Engineering
- Architectural Design
- Civil Engineering
- Structural Engineering
- Sustainability Consulting
- Environmental Engineering
- Environmental Permitting & Planning
- Air Quality Monitoring & Modeling

**Partial USACE District Client List**

- Portland
- Sacramento
- Los Angeles
- Albuquerque
- Tulsa
- Fort Worth
- Kansas City
- Omaha
- New Orleans
- Jacksonville
- Louisville
- Philadelphia
- Baltimore
- New England

**Military Design and Construction**

Kleinfelder’s architects and engineers provide sustainable planning, studies, design, and construction oversight of military infrastructure. These innovative designs incorporate renewable energy and typically exceed DOD/based energy and water conservation requirements while utilizing the latest design technologies, including BIM-3D model capabilities. Our designs include 280+ water-conserving SWMPs and low-impact designs, and $23 million in lifecycle energy cost savings to our clients.

*Kleinfelder clearly understands the mission of the Army Reserve and improved our design – We like that!*

**Civil Works**

Kleinfelder supports USACE civil works projects across the nation, providing dam and levee safety engineering, inspections and risk analysis, geotechnical and pavement engineering, materials engineering and testing services, and construction support. Our experience includes nearly 1,000 dam and levee inspections, 12,000+ geotechnical investigations, and 120+ runway/roadway pavement studies and designs. In addition, Kleinfelder owns and operates 19 USACE MTC-validated material testing laboratories. Our experience investigating and designing repairs to dams and levees has reduced flood risks and prevented more than $500 million in property damage.

**Geotechnical Investigations**

- Folsom Dam, USACE Sacramento
- Periodic Inspection, USACE Tulsa
- Gold Design Armed Forces Reserve Center, USACE Louisville
- Sustainable Design AASF Aircraft Hangar, Army National Guard

**Sediment Characterization**

- John Martin Dam, USACE Albuquerque
- Sacramento
- Sacramento
- Louisville
- Jacksonville
- Arlington
- Jacksonville
- Jacksonville
- Louisville
- Philadelphia
- Baltimore
- New England

**QC Roller Compacted Concrete**

- Portuguese Dam, USACE Jacksonville

**Levee Seepage Design & Repair**

- Sacramento
- Sacramento

**USACE Overview**

Kleinfelder understands the unique nature and challenges of the U.S. Army Corps of Engineers (USACE) civil works, military, and environmental missions. Kleinfelder has extensive USACE institutional knowledge gained through 25+ years of direct experience working for USACE Districts in every USACE Division throughout the U.S.
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Environmental Engineering

- Sediment Characterization-John Martin Dam, USACE Albuquerque
- Levee Seepage Design & Repair, USACE Sacramento
- QC Roller Compacted Concrete Portugues Dam, USACE Jacksonville
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