

# Uranium Mining

## Technical Expertise and Long-Term Client Relationships

Tetra Tech, a recognized leader in the uranium industry, provides a full range of services across the uranium extraction and processing life cycle. Tetra Tech has integrated technical, permitting, and licensing teams to provide complete services to the uranium industry. We have a large service and infrastructure footprint in the prime uranium-producing regions of Kazakhstan, Canada, Australia, the United States, and Russia.

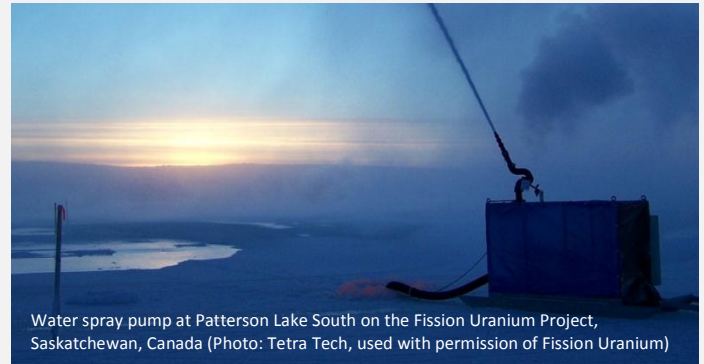
Our engineers and scientists bring a practical approach to integrating sustainability programs into uranium mining operations that ultimately strengthen liability protection and reduce life cycle operating costs.

As a core service component of Tetra Tech's mining practice, our uranium services for conventional mines, mills, in situ recovery facilities, and hybrid facilities include:

- Mineral resource consulting
- In situ recovery uranium project permitting
- Radiological assessment expertise
- Environmental and applied geochemistry
- Hydrology and hydrogeology
- Heap leach and tailings facilities engineering
- Construction management
- Radiation safety officer training

We have worked on four operations that number among the largest mines in the world—McArthur River, Olympic Dam, Arlit, and Rossing.

From startup to brownfield operation and closure, Tetra Tech has provided services to more than 60 uranium operations on 7 continents—working on some for more than a decade.



Water spray pump at Patterson Lake South on the Fission Uranium Project, Saskatchewan, Canada (Photo: Tetra Tech, used with permission of Fission Uranium)

## Services

### Feasibility and Pre-Permitting Phase

- Due diligence, acquisition, and property transfer support
- Qualified person resource evaluation
- Scoping, prefeasibility, and feasibility studies

### Licensing and Permitting

- Licensing assistance
- Radiation protection assistance
- Pre-operational monitoring and characterization
- Air quality permitting
- Hydrogeology and groundwater quality
- Hydrology and surface water management
- Environmental baseline studies and assessments
- Mine plan and plan of operations for conventional and in situ mining
- In situ recovery well field design
- Civil and geotechnical design
- Reclamation planning
- Community relations and public involvement planning and support

### Operational Support

- Preparation of standard operating procedures
- Construction management
- Construction quality control
- Operational environmental monitoring
- ALARA audits
- Safety audits
- Radiation safety monitoring
- Radiation safety officer training
- Other regulatory compliance audits
- Permit compliance support

### Reclamation and License Termination Support

- Reclamation construction
- Revegetation and environmental restoration
- Reclamation monitoring and reporting

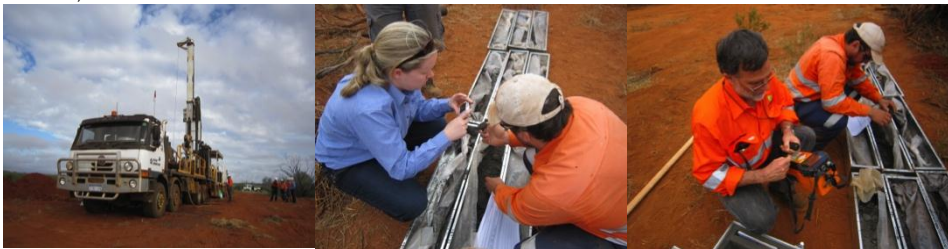
**Tetra Tech** is a leading provider of consulting, engineering, program management, construction management, and technical services. The Company supports government and commercial clients by providing innovative solutions to complex problems focused on water, environment, energy, infrastructure, and resource management. With 13,000 employees worldwide, Tetra Tech's capabilities span the entire project life cycle.



Cameco Corp., Kintyre Project, Australia (Photos: Tetra Tech, used with permission of Cameco)



Cameco Corp., Cigar Lake, Key Lake, Rabbit Lake (Photos: Tetra Tech, used with permission of Cameco)



Energia Minerals, Nyang Project, Australia (Photos: Tetra Tech, used with permission of Energia)

- Active in mining and minerals for more than 50 years
- 1,300+ dedicated technical mining professionals
- 13,000+ water, energy, environmental, and infrastructure specialists
- Lifetime support for uranium operations
- Services for complete mine life cycle from commissioning to reclamation

**Corporate Headquarters**

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