

## ◆ MINING INDUSTRY SERVICES

Triad provides many specialty engineering services to the mining industry. Our typical clients include coal companies, contract miners, land companies and design-build construction firms. Our professional staff has degrees in Mining, Civil and Geotechnical Engineering, Geology, Biology, Chemistry, Environmental Technology and Surveying. Triad has developed and maintained excellent long-standing working relationships with many regulatory agencies, which can be invaluable in moving projects forward. The diverse education and experience of our professionals, combined with our in-house drilling, laboratory testing and construction monitoring capabilities, provides our clients with a full-service engineering firm for all of their needs.

### Our Mining Industry Services Include:

- ▾ Geotechnical Investigations
- ▾ Refuse Disposal Facility Design
- ▾ Impoundment Design
- ▾ Geologic and Hydrologic Evaluations
- ▾ Due Diligence Environmental Site Assessments
- ▾ Environmental Permitting
- ▾ Air Quality Permits
- ▾ SARA Emissions Inventory
- ▾ Handling and Loadout Facility Permits
- ▾ Drainage Design and Certifications
- ▾ Surface Mine Surveying and Mapping
- ▾ Construction Layout
- ▾ As-Built Certification
- ▾ Production/Yardage Reports
- ▾ Tonnage Reports
- ▾ Construction QA/QC Monitoring and Materials Testing
- ▾ Drilling and Monitoring Well Installation
- ▾ Reclamation Liability Audits
- ▾ Abandoned Mine Land Reclamation Design
- ▾ Mine-Related Subsidence Investigations

