

## KEY SERVICES

### Site Assessments:

- Backfill Sampling & Monitoring
- Topsoil Pedestals for Topsoil Salvage Depths
- Topsoil Replacement Verification for Bond Release
- Order 1, 2, and 3 Soil Mapping
- Soil Limiting Factors Identification
- Erosion Potential Identification
- Vegetation Community Identification
- Dominant Vegetation Species
- Noxious/Invasive Weeds Inventories
- Threatened, Endangered and Special Status plants
- USFS and BLM Biological Assessments and Evaluation
- Aquatic Resource Inventory - Wetland Delineations
- Wetland Mitigation Monitoring
- Vegetation Qualitative Assessments & Quantitative Sampling
- Wildlife Baselines, Impact Analyses, and Compliance Monitoring
- Wildlife Conservation and Mitigation Plans, and Habitat Enhancement Plans

### Reclamation Monitoring

- Weed Surveys
- Interim Reclamation Monitoring
  - Qualitative Assessments
  - Quantitative Assessments
- Reclamation Success Verification (RSV) / Bond Release Assessment
- Stormwater Pollution Prevention Plan

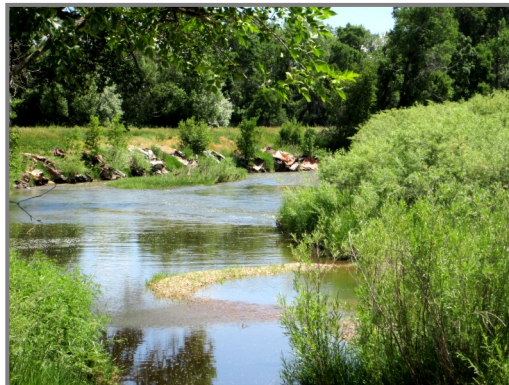
# COAL MINING

BKS Environmental Associates, Inc. (BKS) has been providing natural resource services to the mineral extraction industry since 1981.

BKS has a robust safety plan and meets requirements set forth by Browz, ISNetworld, and PEC Premier.

## SOIL ASSESSMENTS

- Management of Topsoil/Suitable Subsoil and Undesirable Subsoil
- Topsoil Salvage Depth Determinations and Replacement Verifications
- Re-establishment of Slope and Surface Stability and Topographic Diversity
- Backfill Soil Sampling
- Erosion Control Practices
- Overburden Sampling



## WETLANDS - AQUATIC RESOURCE INVENTORY

As experts in conducting aquatic resource inventories, BKS can aid your company during baseline analysis to determine those resources within your proposed permit or amendment areas. BKS can also assist with wetland mitigation planning and monitoring.

### BKS has expertise in:

- USACE Regulations
- USACE Supplements– Great Plains, Arid West, and Western Mountains, Valleys
- USFWS National Wetlands Inventory Mapping
- Use of CIR, NAIP Imagery and Topographic Mapping

**Client List**

- Antelope Coal Mine
- Black Thunder Mine
- Bridger Coal Mine
- Caballo Mine
- Coal Creek Mine
- Cordero Coal Mine
- Eagle Butte Mine
- Glenrock Coal Mine
- Kemmerer Coal Mine
- North Antelope Rochelle Mine (NARM)
- Ramaco, LLC
- Rawhide Mine
- School Creek Mine
- Wyodak Resources, Inc.

- - -

**BKS Environmental Associates, Inc. was established in 1981.**

- - -

BKS' mission is to provide the highest quality natural resource services to all of our clients.

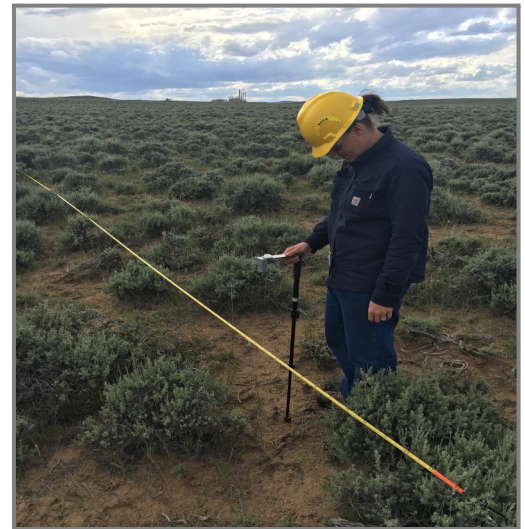
- - -

All BKS employees have MSHA 24 hour New Miner or 8 hour Annual Refresher Training for Coal and Metal/Non-Metal

**RECLAMATION MONITORING**

Vegetation assessments meet State and Federal requirements.

- Interim Reclamation Monitoring
- Qualitative Monitoring
- Trend Analysis
- Shrub Density Evaluations
- Shrub Mapping
- Noxious/Invasive Weed Mapping
- Sage-Grouse Habitat Surveys



**RECOMMENDATIONS FOR ENHANCED RECLAMATION**

- Soil Testing to Determine Amendments to Aid Plant Establishment
- Inter-Seeding with Specific Seed Mix
- Erosion Control Methods
- Weed Management Methods

**REVEGETATION SUCCESS VERIFICATION and BOND RELEASE ASSESSMENTS**

Vegetation Surveys:

- Cover
- Production
- Shrub Density
- Diversity

Vegetation Assessment to compare the Reclaimed Vegetation Success to:

- Comparison Areas
- Extended Reference Areas
- Native Vegetation
- Regulatory Standards

**Contact Information:**

Gillette  
 P.O. Box 3467  
 Gillette, WY 82717  
 (P) 307.686.0800  
 (F) 307.686.0880

Rock Springs  
 P.O. Box 3017  
 Rock Springs, WY 82902

Dickinson  
 P.O. Box 1930  
 Dickson, ND 58602

Email: [bschladweiler@bksenvironmental.com](mailto:bschladweiler@bksenvironmental.com)