

# Pipeline, Transmission Lines, Linear Features— Assessments, Planning, and Monitoring

## KEY SERVICES

### Wetland Assessments:

- Wetland Delineations
- Aquatic Resource Inventories
- Wetland Mapping
- USACE Permit Applications

### Reclamation Planning and Determination of:

- Ecological Site Descriptions (ESD)
- Soil Series Identification
- Topsoil Salvage Depth
- Soil Texture
- Soil Limiting Factors
- Erosion Potential
- Vegetation Community
- Dominant Vegetation Species
- Noxious/Invasive Weeds
- Recommended Seed Mix
- Steep Slope Mitigation
- Reclamation Recommendations
- Existing/Planned Disturbance Acreages

### Reclamation Monitoring

- Weed Assessments
- Qualitative Assessments
- Quantitative Assessments
- Reclamation Success Assessment
- Stormwater Pollution Prevention Plan

## WETLAND DELINEATIONS AND AQUATIC RESOURCE INVENTORIES

BKS specializes in wetland delineations (aquatic resource inventories) and mitigation design and monitoring.

- All wetland services performed follow all technical guidelines documented in the US Army Corps of Engineers (USACOE) Wetland Delineation Manual.
- Fieldwork is conducted in accordance with the Regional Supplement specific to the region of the project.
- USACOE Report and Maps describing wetland types and locations will be provided to the client.
- Wetland permit applications, pre-construction notification letters, mitigation plans can be compiled.



## APPROACH TO RECLAMATION ASSESSMENTS AND PLANNING

Since 1981, BKS has performed and compiled numerous reclamation site designs for submittal to various federal and state agencies. BKS understands the varying requirements set forth by these

federal and state regulators and has a long-term working relationship with many operators and regulators.

BKS has conducted reclamation plan assessments for numerous pipeline and linear disturbance projects throughout Wyoming and the western United States. BKS has provided recommendations regarding reclamation potential, mitigation measures for soil limiting factors and erosion control practices. BKS has conducted and/or compiled the following surveys or documents:

- Pre-Disturbance Site Characterization
- Ecological Site Descriptions
- Topsoil and Suitable Subsoil Depth
- Plant Community and Dominant Species
- Site Preparation and Seeding
- Invasive Species Management and Monitoring
- Integrated Pest Management Plan



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and Monitoring**

**Client List**

- AECOM
- Anadarko Petroleum Corporation
- Foundation Energy
- GRMR Oil and Gas
- Hiland Pipeline
- Powder River Energy Corp.
- PPRO– North Antelope Rochelle Mine (NARM)
- PPRO– Rawhide Mine
- Samson Resources
- Taylor Environmental Consulting, LLC,
- Wenck

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

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

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All BKS employees have Safeland USA Training



**THREATENED, ENDANGERED, PROPOSED, AND SENSITIVE PLANT SPECIES CLEARANCE SURVEYS**

Habitat and/or species assessments are conducted for threatened and endangered (T&E), proposed, USFS and BLM Sensitive plant species that could be found within the project area.

BKS will provide client with a Biological Assessment / Biological Evaluation Report, when needed, and maps of suitable habitat within the project area, description of habitats, and recommendations for avoidance.



**BKS CONTACT INFORMATION**

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