



**BKS Environmental
Associates, Inc.**
Gillette, Wyoming

JACOB T. MULINIX
JR. SOIL SCIENTIST

EDUCATION

Bachelor of Science
Soil and Land Management
University of Wisconsin-
Stevens Point (UW-SP),
Stevens Point, WI
May 2008

CERTIFICATION & TRAINING

New Miner Training Mine Safety and Health
Administration; (MSHA)–June 2008

ORGANIZATIONS

Member of the Soil and Water
Conversation Society of America
(SWCS), UWSP division

SKILLS SUMMARY

Project management, field surveys and report preparation for a variety of projects include: Baseline studies, reclamation monitoring projects, small and regular mine permits, environmental compliance projects.

Trained in soil surveying and the utilization of NRCS field book to describe and sample soils.

PROFESSIONAL EXPERIENCE

BKS Environmental Associates Inc., JR. Soil Scientist, Gillette, WY: June 2008-Present – Responsibilities in this position include technical assistance to Soil Scientists with soil surveying and collection, data gathering, map review (use of topographic, orthophotoquad, and color infrared mapping), field sampling, sample submittal, utilizing basic engineering, and surveying tools, instruments, and techniques. Duties include historical literature review, results analysis, data presentation, and report completion.

UW-Madison Internship, Flambeau State Forest Research Project, Research Intern, Madison, WI: Summer 2007 - Research work concentrated mostly on soil carbon by examining soil respiration and decomposition effects based on the interactions between soil micro-organisms with micro-climate and vegetation. Other tasks included measuring the amount of solar radiation reaching the understory vegetation, coarse woody debris decomposition, and the effect of the gap openings on surrounding trees. Recorded detailed data and took accurate measurements.

Field Research Training, Treehaven Field Station, Research Intern, Tomahawk, WI: Summer 2006 - Six weeks of intensive field exercises devoted to practicing techniques commonly used to inventory and manage forest, soil, water and wildlife resources. Special emphasis placed on teamwork, oral and written reports, surveying, mapping, aerial photo interpretation, vegetation identification, as well as the use and maintenance of tools and equipment.