

SPECIALIZATION

Jon F. Kaminsky is a professional hydrogeologist with 30 years of broad experience that includes technical and field-related responsibilities, project management, NEPA analysis, and natural resource management. His most recent focus has been the collection and analysis of geologic and hydrologic field data for natural resource evaluation and federal (BLM, USFS), state, and local permitting. Technical specialties include water well planning, construction, and testing, vadose zone monitoring, groundwater modeling and monitoring, groundwater and soil sampling, contamination and remediation studies, mine and oil/gas permitting. Jon also periodically teaches courses at Western State Colorado University as adjunct faculty. He holds numerous state professional geologist or hydrogeologist licenses.

Jon was formerly with the Bureau of Land Management in Lander, Wyoming where he held the position of geologist and Assistant Field Manager for Minerals and Lands. While at the BLM, he authored the geologic, hydrologic and minerals-related sections of the Lander Field Office RMP, numerous minerals-related NEPA documents and the Lander Mineral Occurrence and Development Potential Report. He was also selected to the Pavillion Gas Field Groundwater Contamination Technology Team, a multi-agency team formed to evaluate study design and data concerning alleged groundwater impacts from shallow gas field hydro-fracking in the Wind River Basin, Wyoming.

Mr. Kaminsky is currently owner and principal hydrogeologist of a consulting business based in Gunnison, Colorado.

EDUCATION

1991, Master of Science, Hydrogeology, Idaho State University — Boise State University — University of Idaho Cooperative Master of Science in Hydrogeology, Pocatello, Idaho. Master's Thesis: *In Situ Characterization of Unsaturated Hydraulic Properties of Surficial Sediments Adjacent to the Radioactive Waste Management Complex, Idaho National Engineering Laboratory, Idaho.*

1987, Bachelor's Degree, Geology, Western State College of Colorado, Gunnison, Colorado. Senior Thesis: *Geology and petrography of the Shields Gulch Vermiculite Deposit, Chaffee County, Colorado.*

EMPLOYMENT HISTORY

Geologic/Hydrogeologic Consultant, Gunnison, Colorado, 2012 – present

U.S. Bureau of Land Management, Lander, Wyoming, Assistant Field Manager/Geologist, 2007 – 2012

Intel Corporation, Enterprise Server Division, DuPont, Washington, Senior Software Engineer, 1997 – 2007

Northwest Environmental Geoscience Co., Tacoma, Washington, Owner/Principal Hydrogeologist, 1994 – 2000

U.S. Dept. of Energy Idaho National Laboratory (INL), Idaho Falls, Idaho, Scientist, 1990 - 1994

FMC Gold Company, Denver, Colorado, Exploration Geologist, 1988 – 1989

U.S. Geological Survey Central Mineral Resources, Denver, Colorado, Geologist, 1987

PROFESSIONAL CERTIFICATIONS AND MEMBERSHIPS

- Licensed Hydrogeologist (L.H.G.) and Geologist, Washington State, No. 1719
- Professional Geologist (P.G.) Wyoming PG-3630, Utah, No. 9404659-2250, Idaho No. PGL-1403
- U.S. EPA Environmental Professional (CERCLA), U.S. Department of Interior
- MSHA Safety Training (surface, metal, non-metal)
- OSHA 40-hour Hazardous Waste Operations training
- OSHA Hazardous Waste Supervisor training
- CPN School, (radioactive moisture logging devices)
- U.S. Department of Energy Radiation Worker Certification, Idaho National Laboratory
- National Ground Water Association (NGWA)
- Geological Society of America (GSA)
- Rocky Mountain Association of Geologists (RMAG)
- Utah Geological Association (UGA)
- New Mexico Geological Society (NMGS)
- Wyoming Geological Association (WGA)
- Soil Science Society of America (SSSA)

RELEVANT TRAINING

- 2012, Writing Quality EA's and EIS's - Week-long Workshop (Conducted by Shipley Group)
- 2011, Department of Interior 40-hour Level 1 Supervisor Training (one-week DOI Course)
- 2010, Abandoned Mine Land Program Policy Handbook Training (BLM course)
- 2009, NEPA Concepts - Module 3 (BLM Course)
- 2009, NEPA Purpose and Need (BLM Course)
- 2009, Abandoned Mine Lands Site Clean-up Module (one-week BLM training)
- 2008, Environmental Site Characterization, Bonita Peak/Silverton, Colorado (one-week BLM training)
- 2007, NEPA Concepts - Module 1 & Module 2 (BLM Course)
- 2007, Introduction to Mining Law (BLM Course)

SELECTED PUBLICATIONS

- Kaminsky, J. F., 2015, Environmental Assessment for the Centennial Pit Backfilling Mine Plan Modification for the Lisbon Valley Copper Mine, San Juan County, Utah: U.S. DOI Bureau of Land Management, DOI-BLM-UT-Y010-2014-0018.
- Everett, B., Kaminsky, J. F., Effner, S., and Kramer, D., 2013, Hydrogeologic Characterization and Numerical Modeling of Groundwater Inflow to Support Feasibility Studies for Underground Mining – a Case Study in the Southeast Idaho Phosphate District: Proceedings, International Mine Water Association Symposium (IMWA 2013), Golden Colorado.
- Kaminsky, J. F., 2012, Environmental Assessment for the Hard Pickens Placer Gold Mining Project, Wyoming, U.S. DOI Bureau of Land Management, EA WY-050-EA12-071.
- Kaminsky, J. F., 2011, Environmental Assessment for the Jab-Antelope Uranium Exploration Drilling Project, Wyoming, U.S. DOI Bureau of Land Management, EA WY-050-EA08-103.
- Kaminsky, J. F., 2010, Environmental Assessment for the Meadowlark Placer Mining Project, Wyoming, U.S. DOI Bureau of Land Management, EA WY-050-EA10-113.
- Kaminsky, J. F., (2009), Mineral Occurrence and Development Report for the Lander Field Office Planning Area, April 2009, U.S. Department of Interior, Bureau of Land Management, 194 p.
- Kaminsky, J.F., 2008, Environmental Assessment for the Wildhorse Greater Bison Basin Uranium Exploration Project, Wyoming, U.S. DOI Bureau of Land Management, EA WY-050-EA08-50.
- Kaminsky, J.F., 2007, Environmental Assessment for the T-Bone Placer Gold Mining Project, Wyoming, U.S. DOI Bureau of Land Management, EA WY050-EA07-130.
- Nimmo, J. R., Shakofsky, S. M., Kaminsky, J. F., Lords, G.S., 1999, Laboratory and field hydrologic characterization of the shallow subsurface at an Idaho National Engineering and Environmental Laboratory waste-disposal site, U.S. Geological Survey Water-Resources Investigations Report 99-4263.
- Nimmo, J. R., Perkins, K. S., Denton, M. A., Shakofsky, S. M., and Kaminsky, J. F., 1997, Measurement and Modeling of Two-Dimensional Unsaturated Zone Water Fluxes Near Buried Radioactive Waste at the Idaho National Engineering Laboratory [abs]: Proceedings, Field Testing and Associated Modeling of Potential High-Level Nuclear Waste Geologic Disposal Sites Workshop (FTAM), Lawrence Berkeley National Laboratory, Berkeley, California.
- Nimmo, J.R., Perkins, K. S., Denton, M. A., Shakofsky, S. M., and Kaminsky, J. F., 1997, Measurement and Modeling of Two-dimensional Unsaturated Zone Water Fluxes near Buried Radioactive Waste at the Idaho National Engineering and Environmental Laboratory [abs.]: Fall meeting, American Geophysical Union, San Francisco, EOS, v. 78, no. 46, p. 298.
- Kaminsky, J. F., and Wylie, A. H., 1995, Vertical Contaminant Profiling of Volatile Organics in a Deep Basalt Aquifer, Ground Water Monitoring and Remediation, v. 15, n. 2, p. 97-103.
- Norrell, G. T., Kaminsky, J. F., and Bergren, C. L., 1993, Dissolved VOC Inventory Calculations as a Method of Evaluating DNAPL Occurrences in Contaminant Plumes: Examples from the Savannah River Site and the Idaho National Engineering Laboratory, in Proceedings from ER '93 Environmental Remediation Conference, U. S. Department of Energy, October 24-28, 1993, Augusta, Georgia, p. 1287-1295.