

JEREMIAH J. TRNKA

jtrnka@keitu.com

Keitu Engineers & Consultants, Inc.

2610 Old Red Trail Suite C; PO Box 98; Mandan, ND 58554

701-667-1800

- WORK** *Staff Engineer - Environmental* *2009 – Present*
- EXPERIENCE:** Keitu Engineers & Consultants, Inc., Mandan, ND
Prepares air emission permit applications and annual emission inventory reports consistent with EPA, ND Dept of Health and MT Air Quality Board procedures, including use of API's TanksV2 process simulation model. Project lead on underground storage tank and soil remediation projects. Perform H₂S impact assessment from oil production operations. Assists in subsurface investigations related to Phase I/II Environmental Site Assessments including Geoprobe ® direct push soil sampler. Develops oil spill prevention control and countermeasure plans (SPCC) under the direction of professional engineer. Provides environmental and GIS technical support for pipeline and utility project permit applications.
- 2009* **Research Assistant** *May 2008 – August*
- WSU Chemical Oxidations Lab, Pullman, WA
Conducted research as part of a treatability study for the in situ chemical oxidation of chlorinated solvent groundwater contaminants. Prepared chemical reagents and designed experiments. Analyzed soil and water samples using gas chromatography, iodometric titration, spectrophotometry, and solvent extraction. Interpreted data and provided oral and written presentations of results.
- Teaching Assistant** *January 2008 – May 2008*
- WSU Department of Biology, Pullman, WA
Provided weekly lecture for Biology 101 Lab, graded and recorded student lab work, tutored students during office hours.
- Clerical Assistant I** *August 2007 – December 2007*
- WSU Registrars Office, Pullman, WA
Scanned student transcripts as part the University's transition from hard to electronic recordkeeping. Performed confidential computer data entry.
- Wildlife Aide** *May 2006 – August*
- 2007 ND Game & Fish Department, Jamestown, ND
Temporary internship position during the summers of 2006 and 2007. Manually, chemically, and biologically controlled invasive plant species on Game and Fish property. Performed routine maintenance on utility vehicles. Posted and fenced Game and Fish land.
- EDUCATION:** *Master of Environmental Engineering.* *August 2009*
Washington State University – Pullman, WA
- Bachelor of Fisheries and Wildlife Biology.* *December 2006*
University of North Dakota – Grand Forks, ND

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ADDITIONAL TRAINING:

Intro to ArcGIS I and II

- South Dakota School of Mines & Technology

Working with Geodatabases and Field GIS/GPS Mapping

- South Dakota School of Mines & Technology

40 hour HAZWOPER Training

- University of North Dakota

OSHA Construction Safety Training

- Associated General Contractors of ND

Hydrogen Sulfide Awareness

- Keitu Engineers & Consultants, Inc.

SPCC Plan Development Training

- Keitu Engineers & Consultants, Inc.

Graduate Degree Level Classes with Emphasis on

- Hazardous Waste Engineering – Washington State University
- Environmental Measurements – Washington State University
- Environmental Assessment – Washington State University
- Wildlife Biology – University of North Dakota
- Wildlife Management – University of North Dakota

I100, L180, S130, S190 Wildfire Training

INTEREST AND ACTIVITIES:

Mountain biking, camping, hiking,
hunting, and playing sports