

Jason C. Helms, P.E.

EDUCATION

1995 – 1999

University of Notre Dame, South Bend, IN

B.S. Civil Engineering

Licensure- Date December 2005 (Certificate No. 12041)

Certified Water Rights Examiner, (Certificate No. 09-140)

WORK EXPERIENCE

Water Resource Consultant

Hydraulic & hydrologic design and development for a variety of water resource projects throughout Idaho including floodplain modeling & delineation, stream channel work, public and private water distribution system design, waste treatment system design permitting and monitoring, ground water modeling.

Structural Design & Detailing

Computer aided structural design and detailing for miscellaneous structural elements including gage metal pressure vessels, steel frame and reinforced concrete design utilizing solid model and node based finite element analysis methods.

Journeyman Carpenter

Early experience includes general commercial construction including framing, concrete form setting and finishing and structural steel erection.

SKILLS

- **Software:** Proficient with Microsoft Office, AutoCAD, WaterCAD, RAM, ModFlow, HEC-RAS, HEC-2, ArcGIS, Solidworks, Pro-E, Matlab, Pascal, Fortran.

PROFESSIONAL AFFILIATIONS

Order of the Engineer – Member since 1999
