

# LEE TROTTA

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## **Hydrogeologist/Geo- Technical Engineer**

### **CURRENT LICENSES AND CERTIFICATIONS**

Professional Geologist licenses in both Minnesota and Wisconsin.  
Geographic Information System Planning certificate.  
Society of Water Quality Professionals certification.  
Professional Hydrologist certification in U.S.

### **EXPERIENCE**

#### **PRESIDENT of WISCONSIN GROUND WATER ASSOCIATION - Brookfield, WI 2008-2009**

- Organize annual conference event of state-wide professionals in the field.
- Design website updates and new member benefits.
- Represented the Association on interagency committee to plan Healthy Lakes event Milwaukee.
- Negotiate sponsorships (financial and in-kind).
- Lead Board Meetings and set direction for the Association.

#### **HYDROGEOLOGIST FOR CRISPELL-SNYDER INC - Germantown 2006-2007**

- Project management, construction inspection, cost estimation, and budget preparation.
- Consulting with clients on water-quality problems and solutions.
- Marketing services, public relations, writing proposals.
- Hydrogeologic analysis for Phase 1 studies, geologic cross sections, and site investigation reports. Inspect areas for unsafe structures and conditions.
- Develop computer mapping for marketing radium treatment. & for water supply w/GIS and models. Give presentations to clients and professional groups. Gain DNR approval for jobs.

#### **EDITOR, TREASURER, and COMMITTEE CHAIR for WISCONSIN GROUND WATER ASSOCIATION Brookfield, WI 2003-2005.**

- Conference organizer. Played lead role in developing and delivering water resources and ecosystem-based educational program for the Groundwater Guardian initiative. Fostered and facilitated involvement of 180 stakeholders in SE Wisconsin to teach natural resources conservation strategies to 800 middle school children and their teachers.
- Edit newsletter on natural resource management in Wisconsin for professionals across the State.
- Represented the Association in drafting of legislation (Act 310) to protect groundwater resources in Wisconsin.
- Negotiate sponsorships (financial and in-kind) with National Ground Water Association, Water Systems Engineering, American Ground Water Trust, Pier Wisconsin, US Geological Survey, etc.

#### **CONSULTANT FOR ENVIRONMENTAL ENGINEERING AND CONTRACTING FIRMS**

(e.g., Triad, Arcadis, Municipal Well & Pump, CORE Environmental)-Milwaukee area, WI 2001-2003.

- Project management, cost estimation, and budget preparation. Supervise technicians. Marketing services, public relations, writing proposals.
- Hydrogeologic analysis for remediation efforts Phase 1 & 2, ESAs, mineral location, production of cross sections, and technical reports.
- Develop high-end computer applications and designs in wastewater treatment and water supply/withdrawal/treatment. Use Aqtesolv software to predict physics of flow.
- Give presentations to clients, Village Boards, and professional groups.
- Sales manager for new business development in a territory with regular site visits to 510 Wisconsin customers. Managed records using ACT!

### **APPLICATIONS ENGINEER FOR WATER PRODUCTS OF U.S. FILTER**

Johnson Screens 1995-2001

- Consultant for problem wells in both installation and rehabilitation throughout North America. Applied engineering science and technology to various goods & services.
- Manage a line of 5 chemical products used as drilling aids and for well rehabilitation.
- Supervised a staff of engineers & technicians, and managed day to day operations of geotechnical soil testing laboratory. Included interpreting soil behavior regarding foundations and corrosion to promote safety.
- Designer of Oil/gas and water well screens, infiltration galleries, and treatment processes.
- Customer service giving info and price quotes on water, oil, and gas products.
- Market analyst supported management, engineers, and sales representatives with pertinent decisions, risk assessment, diagrams, database mgmt, documentation, marketing, and brochures.

### **EDUCATION**

University of Wisconsin-Madison. B.A. Geology

### **PROFESSIONAL SOCIETIES**

- National Ground Water Association
- Wisconsin Ground Water Association (President)
- Pewaukee River Partnership
- Wisconsin Water Well Association (formerly on Image Committee)
- Minnesota Ground Water Association (former editor and treasurer)
- Groundwater Guardian (2004 Festival Coordinator)
- American Society for Testing of Materials (1995-2000)

### **AWARDS AND HONORS**

- Letter of commendation from the Governor of Minnesota for aid in development of a Statewide Ground-Water Protection Strategy.
- Award of Appreciation from City of Mounds View for work on their Environmental Quality Commission.
- Letter of commendation from US Army for participation in cleanup of TCAAP Superfund site.