

JULIE C. LUCAS



PROFESSIONAL EXPERIENCE

MiningMinnesota

Virginia, MN

Executive Director

2022 -

- Directs a multi-stakeholder organization that advocates through public outreach and education for the responsible development of Minnesota's copper-nickel resources.

Twin Metals Minnesota

Ely, MN

Director of Water Resources

2021 - 2022

- Provided leadership, guidance, and direction to multiple water programs including surface water flow and transport modeling, groundwater flow and transport modeling, and potential impact evaluations. Managed the key water related components of engineering studies including the development of the project water balance model, the design of non-contact, contact, and stormwater management structures, and investigation of water treatment technologies that may be proposed as part of the project design.

Hibbing Taconite Company

Hibbing, MN

Environmental Manager

2011 – 2021

Environmental Coordinator

2008 – 2011

- Directed the implementation of the ISO 14001 certified Environmental Management System and all related components.
 - Permitting and Compliance Programs included air and water quality, water appropriation, waste management, remediation, wetlands, spill prevention control and countermeasures (SPCC), and reclamation.
- Provided routine training (written, in-person, and virtually) to approximately 730 employees (including 600+ United Steelworkers) to ensure compliance with evolving environmental regulations and various stakeholder needs.
- Selected as company representative for meetings with government officials and concerned citizens, public tours, and presentations to community groups.

Northeast Technical Services, Inc. (NTS)

Virginia, MN

Project Manager

2006 – 2008

Environmental Scientist

2002 – 2004

- Developed and implemented management plans and budgets for NTS' East Range Program, which included environmental monitoring, environmental remediation, NPDES/SDS permit compliance, and baseline water data collection for various mining clients in Hoyt Lakes and Ely.

EDUCATION

M.S. Water Resources Science

University of Minnesota – Duluth

Thesis: Biogeochemical Cycling of Nutrients in Two Urban Lakes in Virginia, Minnesota

B.S. Biochemistry and Molecular Biology

University of Minnesota – Duluth

Minor: English

COMMUNITY INVOLVEMENT AND ENGAGEMENT

French Township

2022 –

Township Supervisor (Elected Position)

- Oversee and manage the Township budget and operations as a 3-person Board
- Appointed to the Range Association of Municipalities and Schools (RAMS) Board of Directors (effective May 2022)

United Way of NE Minnesota

2014 –

Board of Directors (including 1-term as President)

- Support execution of the Strategic Plan through guidance on financial stewardship, fundraising events and efforts, assistance to 30+ non-profits on the Iron Range, and implementation of internal programs such as the Veterans' Initiative, Buddy Backpacks, Good 360 and others.
- Volunteer at fundraising events such as Rampage on the Ridge and Flavor of the North.

Society of Mining, Metallurgy, and Exploration (SME)

2014 –

- Selected to serve on the Responsible Mining and Underground Construction Strategic Committee (term started March 2022).
- MN Section Board of Directors Sequence, which included a term as Chair
 - Managed the coordination and execution of the Annual MN SME Conference in Duluth with 1000+ attendees, trade show, technical sessions, short courses, and networking events.
 - Represented MN Section as Student Affairs Coordinator – supporting the U of MN, UMD, and Iron Range Engineering SME Student Chapters
- Represented SME Environmental Division on SME Sustainable Development Committee and the SME Student Affairs Committee

Iron Range Partnership for Sustainability (IRPS)

2012 – 2016

Board of Directors, including one term as Treasurer

- Supported the development and operation of the annual Iron Range Earth Fest through fundraising efforts, logistical coordination, and volunteering at the event.
- Contributed an industry perspective to the Board when discussing land-use and reuse ideas and built relationships with community members from different backgrounds.