





Michael Mahon, P.E.

Project Management / Civil and Environmental Engineering

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SKILLS

Project Management

- Cost Management
- Risk Management
- Contracts Management
- Project Controls
- Litigation Support
- Technical Writing
- Leadership / Training
- Project Health and Safety

Civil Engineering

- Hydrology / Hydraulics
- Piping Systems
- AutoCAD / Civil 3D
- Geotechnical
- Erosion Control
- Earthworks Design
- Water Treatment
- Engineering Risk Assessment

Environmental Engineering

- Site Characterization
- CERCLA RI/FS
- Streambank Stabilization
- Waste Management
- Sampling and Analysis
- Groundwater Characterization
- Surface Water Management
- Soils Stabilization
- Radiological Site Reclamation

Construction Management

- Heavy Construction
- Construction QA/QC
- Field Engineering
- Contractor Management
- Owners Representative
- Health and Safety Management

Mining and Industrial

- Mine Reclamation and Permitting
- Tailing Reclamation
- Stormwater Management
- Facilities Design
- Facilities Revetment
- Operational Design

SUMMARY

Experienced **Project Manager and Civil / Environmental Engineer** highly skilled in managing heavy civil and environmental site characterization and remediation projects, from concept through construction. Adept at assessing and improving company operations, construction quality assurance/control, and the allocation and oversight of project staff and contractors. Creative and strategic professional engineer with extensive technical experience in civil and environmental engineering disciplines, successfully managing technical teams on large scale projects throughout the United States.

EMPLOYMENT HISTORY

2018 – Current **Principal Environmental Engineer**

ARCADIS US, Inc.

- Managed uranium mill and mine closure studies and permitting
- Designed phosphate mine waste rock reclamation studies and design
- Led mining engineering community of practice, facilitating global mining expertise connections, resourcing, and technical knowledge
- Mining sector pursuit lead, managing all mining pursuits over \$1M

2012 – 2018 **Sr. Project Manager / Principal Engineer**

Copper Environmental Consulting, Inc.

- Drove company growth from 15 to 40+ employees
- Managed RI/FS for reclamation of large-scale copper mine
- Designed commercial property land development
- Supported water treatment designs for acid rock drainage

1999 – 2012 **Sr. Project Manager / Co-Owner**

Environmental Management Consultants Corp.

- Co-founded and grew the company from 10 to 30+ employees, building a reputation for high-quality engineering services
- Managed successful, multi-million-dollar engineering projects
- Managed heavy construction oversight and QA/QC programs

1995-1999 **Project Manager / Project Engineer**

Schaffer & Associates / Titan Environmental

- Hydrology evaluations, hydraulic, and reclamation designs
- Managed soil sampling and stabilization programs
- Supervised heavy construction operations and QA/QC

EDUCATION AND CERTIFICATIONS

1991 - 1995

BS, Environmental Engineering

Montana Tech of the University of Montana

2002 - Present

NCEES Registration, Professional Engineer

State PE Registrations: Idaho, Wyoming, Oregon

1994 – Present

40 Hour OSHA HAZWOPER; MSHA Experienced Miner

Project Experience Available via Separate Document