
MARTINSON CONSULTING ENGINEERS

Water and Wastewater Engineering, Colorado and the Mountain West



STATEMENT OF

QUALIFICATIONS

May 2026

Martinson Consulting Engineers, LLC

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FIRM PROFILE

A small firm, by design.

Martinson Consulting Engineers is a Colorado-based, multi-state licensed civil engineering firm specializing in water and wastewater infrastructure for small and mid-size communities across the Mountain West. We serve municipalities, districts, and private utilities with planning, design, and construction support services.

Our principal-led structure provides direct engineering oversight from scoping through startup. We stay lean by design and bring in proven specialty partners (structural, geotech, electrical and controls, process, surveying) when needed.

No handoffs. No internal silos. Direct accountability.

BEST FIT FOR

Water/wastewater treatment, lift stations, pumping, and storage issues

Funding-driven projects (SRF, USDA RD)

Compliance-driven upgrades and CDPHE reviews

Owners who want a single point of contact and responsibility from scoping through startup

REGION

Colorado and the Mountain West

FOCUS

Water

Wastewater

Conveyance and Pumping

Funding readiness

DELIVERY

Direct principal oversight, scaled with trusted specialist support as needed.

OUR APPROACH

Three principles.

Field-driven design

We design from real operating conditions, not just calculations. Operators and field staff inform our design decisions.

Regulatory coordination

We coordinate early with CDPHE and local agencies so reviews stay efficient as requirements evolve.

Transparent communication

Direct access to the engineer leading the work. Status, risks, and tradeoffs in relatable language boards and operators can act on.

What we do.

Planning, design, and delivery support for water and wastewater infrastructure, from feasibility studies through construction startup. Each service is held to the same standard.

Funding and Compliance Support

Engineering documents packaged for funders and agency review. Approval-ready design for the CDPHE Engineering Review, plus funding readiness support for SRF and USDA Rural Development.

- PER / PNA documents for SRF readiness
 - USDA Rural Development application engineering
 - CDPHE site applications and design approvals
 - Funding-aligned bid and procurement packaging
 - Review responses and agency coordination
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Master Planning and Feasibility Studies

Planning and evaluation services for long-term system reliability, growth, and capital prioritization.

- System assessments
 - Capital improvement planning (CIP)
 - Hydraulic modeling
 - Infrastructure replacement planning
 - Feasibility studies
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Water and Wastewater Treatment Design

Planning, design, and upgrades for treatment systems, from concept through CDPHE review, construction, and startup.

- Groundwater and surface water systems
 - Disinfection and filtration
 - Water and wastewater treatment plants
 - Storage and process improvements
 - Regulatory coordination and permitting
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Water Conveyance and Pumping Systems

Hydraulic design for reliable pumping, conveyance, and storage.

- Water booster pump stations
 - Wastewater lift stations
 - Transmission and distribution mains
 - Storage tanks and hydropneumatic systems
 - System evaluations and hydraulic modeling
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Owner's Advisor and Project Representation

Independent representation from the front-end decisions that shape every project through the construction punch list.

- Scope, schedule, and budget development
 - Design review and coordination
 - Procurement strategy and bid evaluation support
 - Funding readiness and agency coordination
 - Decision support for councils, boards, and districts
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Construction Phase Services

Engineering support through construction, startup, and project closeout.

- Construction administration
- Submittal and RFI review
- Field observation and contractor coordination
- Pay application review and change order evaluation
- Startup and commissioning support

Direct MCE engagements.

Contracting party: Martinson Consulting Engineers, LLC. Projects completed and underway under direct MCE engagement.

Wild Horse Inn Water System

*Groundwater Well Improvements,
Treatment and Booster Pump System*
Grand County, CO

Groundwater well improvements, treatment, and booster pump system design with construction-phase support through installation and startup.

Engineer of Record (MCE)
In Construction

Camelot POA Water System

*Project Needs Assessment and
Preliminary Engineering Report*
Falcon, CO

PNA and PER covering wells, treatment, storage, and booster pumping for an aging water system.

Engineer of Record (MCE)
Funding Pending

Town of Frisco

*Extra-Territorial Water Demand
Evaluation*
Town of Frisco, CO

Evaluation of historic and future water demands for extra-territorial connections, and a methodology supporting a cash-in-lieu framework for staff and decision-maker review.

Engineer of Record (MCE)
Completed

Evans Roadway Lift Station

Design and Permitting
City of Evans, CO (0.25 MGD)

Design and permitting of a 0.25 MGD submersible lift station with hydraulic and equipment selection support, packaged for CDPHE review and construction.

Engineer of Record (MCE)
Completed

Lift Station Overflow Improvements and Capacity Evaluation

Repermitting and Modifications
Town of Erie, CO

Repermitting and modification of an existing lift station to address increased hydraulic loading, with agency coordination and compliance documentation. Included hydraulic monitoring services for capacity evaluation.

Engineer of Record (MCE)
Completed

Packaged MBR Wastewater Facilities

Program, multiple stages
Various clients (CO), with Aquaworks DBO
(Prime and Engineer of Record)

Design support for 12+ packaged MBR facilities. Engineering coordination across varied stages and site constraints, focused on treatment design, operability, and delivery requirements.

Design Partner
Program

Wastewater Facility CPE

Comprehensive Performance Evaluation
Garfield County, CO (client confidential)

Comprehensive Performance Evaluation of existing extended aeration infrastructure, with nutrient removal evaluation and documentation supporting upgrade and compliance planning.

Engineer of Record (MCE)
Completed

Featured Prior-Affiliation Work.

Projects below reflect the principal's experience under prior firms; roles and contracting party are identified per entry.

Principal's experience at FEI Engineers (now Plummer Associates) and Plummer Associates.

Central Park Lift Station <i>Lift Station and Odor Control</i> City and County of Denver (3.5 MGD)	High-visibility urban lift station with advanced controls integration, odor control provisions, and emergency response features.	Engineer of Record FEI Engineers
Ashcroft Lift Station and Dual Force Main <i>Open Cut and Trenchless</i> City of Greeley (3.0 MGD)	Buried custom self-priming lift station design paired with dual 12-inch force main using open cut and trenchless techniques.	Engineer of Record Plummer
Vertical Well Field Expansion <i>Intake Gallery, 4 Vertical Wells, and Transmission</i> City of Steamboat Springs	Intake gallery expansion with four vertical wells and approximately one mile of transmission pipeline coordination.	Project Lead Plummer
Storage Tank and WTP Upgrades <i>Storage and Treatment Improvements</i> Town of Dillon (1.8 MG)	New 1.8 million gallon potable water tank design, clearwell evaluation, and chemical feed upgrades.	Project Lead FEI Engineers
Peak Lift Station and Force Main <i>Lift Station and Force Main</i> Colorado Springs (1.0 MGD)	A greenfield 1.0 MGD municipal lift station with custom building and controls integration for Colorado Springs Utilities.	Engineer of Record Plummer
ASR Pilot Facility <i>Aquifer Storage and Recovery</i> City of Northglenn	Aquifer Storage and Recovery pilot system evaluation, design, and pilot coordination for municipal supply protection.	Project Lead Plummer
Lift Station (Confidential Client) <i>High-Head / Low-Flow Pumping</i> Park County, CO	High head, low flow lift station with progressive cavity flooded suction configuration to allow efficient use with a two-mile small diameter force main.	Engineer of Record Plummer
Well 7 Improvements <i>Well Rehab, 75 HP VTP, Treatment and Site</i> Town of Frisco (75 HP VTP)	Existing groundwater well rehabilitation, new 75 HP vertical turbine pump installation, treatment, controls, and custom masonry block building configuration.	Engineer of Record FEI Engineers
Surface Water Intake Improvements <i>Flume and Transmission Upgrades</i> Town of Frisco	Intake reconfiguration and design, flume installation for flow monitoring, telemetry to water treatment plant, and new transmission pipeline.	Engineer of Record Plummer
Sun Communities Treatment and Storage <i>300,000 Gallon Tank and Groundwater Treatment</i> Town of Larkspur (300,000 gal)	New 300,000 gallon storage tank and groundwater treatment system for a new Town development expansion.	Engineer of Record FEI Engineers
CSU Mountain Campus MBR <i>Packaged MBR Wastewater Facility</i> Fort Collins (34,000 GPD)	Packaged MBR facility design support with process and operability coordination for small-system treatment.	Project Lead Plummer
Water and Wastewater Master Plans <i>Master Planning</i> Town of Keenesburg	Master planning with CIP-style prioritization and phased improvements supporting funding readiness.	Project Lead FEI Engineers

PRINCIPAL

Nathan Martinson, PE

Founder and Principal

Nathan founded Martinson Consulting Engineers to deliver water and wastewater engineering with clear ownership from scoping through startup. He has nearly two decades of experience in the field, beginning with a Bachelor of Science in Civil Engineering from Colorado State University in 2006.

Before founding MCE, Nathan served as a team lead, project lead, and served as record engineer at established Mountain West consulting firms, leading treatment process design, conveyance, and owner's advisor work for municipalities, special districts, and private utilities.

MCE was founded to bring that experience into a direct-oversight structure with no handoffs and clear lines of accountability. The firm focuses on funding readiness, CDPHE coordination, and compliance-driven upgrades for systems across Colorado and the Mountain West. Clients work directly with the principal from initial conversation through review and permitting, supported by a trusted network of specialized subconsultants and industry partners.

PE REGISTRATIONS

Colorado
Wyoming
Texas
New Mexico (pending)

EDUCATION

BS Civil Engineering, Colorado State University, 2006

ORGANIZATIONS

AWWA
WEF
RMWEA
ASCE

PROJECT OWNERS AND SYSTEMS SERVED

Communities and utilities.

Representative experience includes work performed under current and prior firm affiliations.

City and County of Denver, CO
Town of Georgetown, CO
City of Greeley, CO
St. Vrain Sanitation District
Colorado Springs, CO
City of Steamboat Springs, CO
Town of Nederland, CO
Town of Dillon, CO
Town of Lyons, CO
City of Northglenn, CO

Design partners: Aquaworks DBO, Inc.

City of Boulder, CO
Clear Creek County, CO
Colorado State University
Town of Keenesburg, CO
City of Golden, CO
City and County of Broomfield, CO
North Table Mountain Water District
Dominion Water and Sanitation District
Castle Pines North Metro District
Town of Larkspur, CO

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