

Léo Yazdi — Independent Water Treatment Specialist · Mine Sites & Remote Camps

CAPABILITY STATEMENT

12+ years operating water and wastewater systems across mining, municipal, industrial and oilfield sectors — focused on **mine-site and remote-camp operations since 2020**. Operating through Mineflow Inc., a federally incorporated CCPC. Fully insured, WCB-covered, and certified under BC EOCP & Québec operator certifications.

CORE CAPABILITIES

W-01 Mine-Site Water Treatment

- Inline coagulation / flocculation — up to 190,000 m³/d
- Actiflo high-rate clarification — 3,500 m³/d
- Reverse osmosis — operation, CIP & membrane replacement — up to 1,500 m³/d
- MF & UF membranes — operation, EFM & CIP maintenance — up to 4,000 m³/d
- Nitrogen management (blasting residuals) — breakpoint chlorination & dechlorination
- Heavy metals precipitation — TMT 15
- Cyanide destruction (Detox) — H₂O₂ with pH control
- Dissolved air flotation (DAF)
- Activated carbon filtration
- Pit dewatering & mine water management

W-02 Camp Potable Water

- Coagulation, filtration & chlorine dosing
- Reverse osmosis — drinking water systems
- Drinking water distribution by tanker
- Regulatory sampling & compliance monitoring

W-03 Camp Wastewater

- Membrane bioreactor (MBR) — 35-250 m³/d
- Circular clarifier w/ coag-floc — up to 13,000 m³/d
- Activated sludge · rotating biological contactors (RBC)
- Phosphorus removal · pH adjustment & chemical dosing

W-04 Sludge Dewatering

- Belt filter press
- Rotary press
- Filter press — operation, maintenance & diaphragm pump repair

W-05 Flow Measurement Verification

- In-situ verification of effluent flow meters — MDMER s.19(3) compliance support
- Pump-cycle (volume-per-cycle) flow determination — measurement & reference method
- Portable clamp-on ultrasonic flow measurement — comparative check
- Volumetric verification (container fill, tank draw-down) — independent reference
- Pipe wall-thickness measurement & installation condition assessment
- Field data package for client reporting

ENGAGEMENT

- › **Rotational / fly-in** — day & night shift, long rotations
- › **Day-rate contracting** via Mineflow Inc.
- › **Self-carried** insurance & WCB — no onboarding burden

CERTIFICATIONS

Wastewater Treatment

OW-1 — Operator, highest level (QC) **ACTIVE**

Level 1 Wastewater Treatment (BC) **ACTIVE**

Level 2 Wastewater Treatment (BC) **IN PROGRESS**

Drinking Water Treatment

OTUFD — Groundwater filtration & distribution (QC) **ACTIVE**

OST — Complete surface water treatment (QC) **ACTIVE**

ODCI — Distribution by tanker (QC) **ACTIVE**

Level 1 Water Treatment (BC) **IN PROGRESS**

SAFETY & EQUIPMENT TICKETS

H2S Alive · SCBA (respiratory) · Confined space entry & monitor · Fall protection · First Aid & CPR/AED C · WHMIS · Common Safety Orientation (CSO) · Telehandler / forklift (Class 7) · Forklift (Classes 1, 4, 5)

BUSINESS & COMPLIANCE

General liability \$5,000,000

Professional liability \$2,000,000

Workers' comp (WCB) **ACTIVE**

Legal entity **CCPC · BC**

Languages **FR native / EN pro**

AVAILABLE CANADA-WIDE

Proven in:

Yukon · Nunavut · Québec · Ontario · British Columbia

REMOTE & FLY-IN NORTHERN SITES · FIFO ROTATIONS