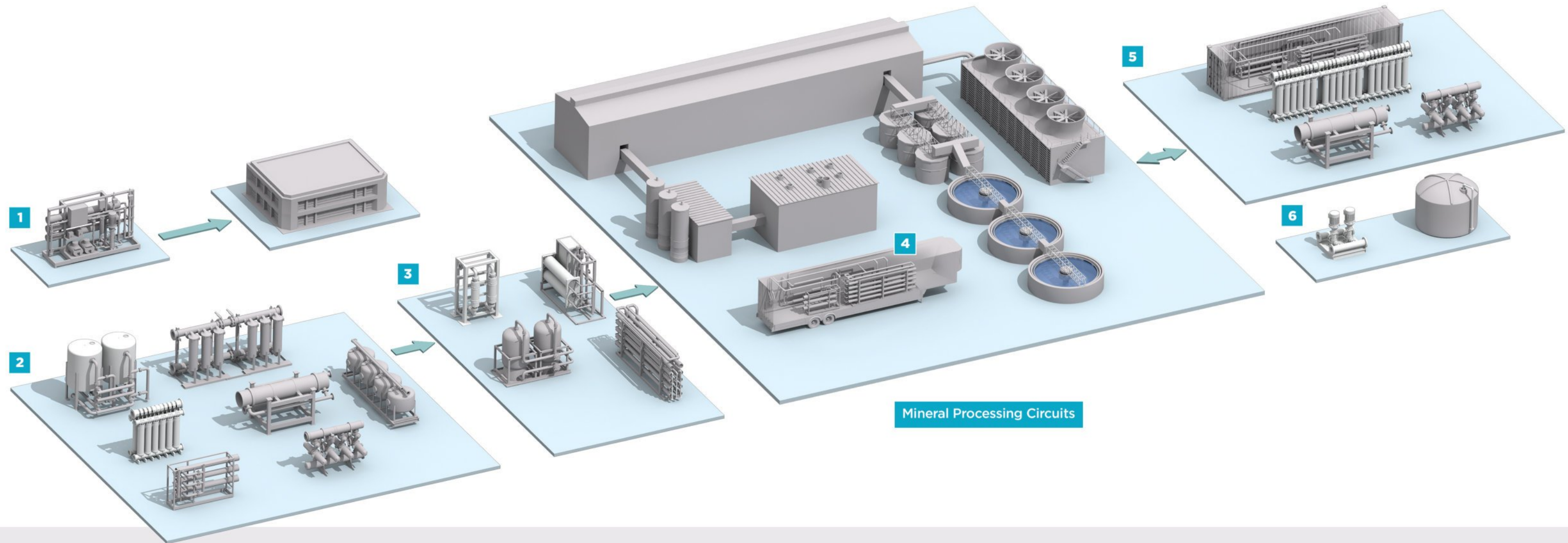


# Mining Operations

Water Treatment Filtration  
and Purification Product Offerings



## 1 Potable Water Systems

- NSF packaged drinking water systems
- Disinfection
- Arsenic Removal
- Activated Carbon Systems
- Filtration
- Purification

## 2 Pretreatment Water Systems

- Cartridge and Bag Filtration
- Amiad® Disc Filtration Systems (55 - 400  $\mu$ )
- Multimedia Filtration Systems (10 - 30  $\mu$ )
- Sofi® Screen Filter Systems (0.5 - 25  $\mu$ )
- 3M™ Liqui-Flux™ Ultrafilter Systems (min 0.02  $\mu$ )
- Activated Carbon Systems
- Disinfection and Microbiological Control

## 3 Ion Exchange/Membrane Filtration/Degasification

- Ion Exchange Systems
  - Water Softening Strong Acid Cation (SAC)
  - Dealkalization Weak Acid Cation (WAC)
  - Mixed Bed Deionization Systems (SAC & SBA)
- Membrane Filtration Systems
  - Nanofiltration (NF) Membrane Systems
  - Reverse Osmosis (RO) Membrane Systems
- Electrodeionization Systems
  - Ionpure® VNX
  - IonPure® LX
- Degasification
  - 3M™ Liqui-Cel™ Membrane Systems

## 4 Mobile Water Services

- Trailer Mounted or Containerized Systems
- Feed Pumps
- Activated Carbon
- Cartridge and Bag Filtration
- Amiad® Disc Filtration Systems (55 - 400  $\mu$ )
- Multimedia Filtration Systems (10 - 30  $\mu$ )
- Sofi® Screen Filter Systems (0.5 - 25  $\mu$ )
- Nanofiltration Systems
- Reverse Osmosis Systems (single or double pass)
- Electrodeionization Systems
- Mixed Bed Deionization

## 5 Blowdown Reuse

- Cartridge and Bag Filtration
- Amiad® Disc Filtration Systems (55 - 400  $\mu$ )
- Multimedia filtration Systems (10 - 30  $\mu$ )
- Sofi® Screen Filter Systems (0.5 - 25  $\mu$ )
- 3M™ Liqui-Flux™ Ultrafilter systems (min 0.02  $\mu$ )
- Membrane Filtration Systems
  - Nanofiltration (NF) Membrane Systems
  - Reverse Osmosis (RO) Membrane Systems
  - Flow Reversal RO Systems
  - Disc Tube RO System for High TDS

## 6 Transfer Pumps and Storage Tanks

- Skid Mounted Transfer Pump Systems
- Fiberglass Tanks (max 21,000 gal)
- Poly Tanks (max 15,000 gal)
- Brine Maker Storage Tanks

## 7 Additional Equipment and Services

- Equipment
  - Chemical Feed Systems
  - Clean in Place for RO and UF Systems
  - System Controls Integration and Upgrades
  - Aftermarket Replacement Parts
- System Upgrades and Retrofits
- Support Services
  - Front End Engineering Design (FEED)
  - Full Design and Manufacture
  - Operation and Maintenance Contracts
  - RO Membrane Unloading and Loading
  - Offsite RO Membrane Cleaning