Denver Mineral Engineers, Inc. custom designs and fabricates modular water treatment systems to solve a wide variety of water problems. Generally, laboratory testwork must be performed to develop the appropriate solution. Typical problems solved and treatment methods include:

**Heavy Metal Removal:**
- Chemical Precipitation
- Ion Exchange
- pH Adjustment
- Flocculation
- Clarification
- Filtration
- Electrolytic Precipitation
- Electrowinning

**Oily Water Treatment:**
- Gravity Separation
- Coalescing
- Dissolved Air Flotation
- Carbon Adsorption
- Organoclay Adsorption
- Ultrafiltration

**Cyanide Destruction:**
- Hydrogen Peroxide
- \( \text{SO}_2 \), \( \text{Air} \)
- Chlorine
- Ferric Sulfate
- Electrolytic Oxidation
- Reverse Osmosis

**Potable Water:**
- Chlorination
- Ozonation
- Softening
- Filtration
- Reverse Osmosis
Ground Water:
Ion Exchange
Chemical Precipitation
Reverse Osmosis
Ultrafiltration
Air Stripping
Carbon Adsorption

Wash Water Recycling:
Gravity Separation
Coalescing
Chemical Precipitation
Ultrafiltration
Filtration

Solids Removal:
Clarification
Coagulation
Flocculation
Gravity Filtration
Pressure Filtration
Multimedia Filtration

Sludge Treatment:
Thickening
Clarification
Filtration
Stabilization
Drying

Water treatment systems are typically supplied as modular shop-built systems that are completely assembled, tested, and ready to run. Custom modifications to suit site specific criteria can be easily accommodated. Portable systems suitable for construction sites or temporary requirements are also available. A one GPM pilot plant is offered on a rental basis to test various process methods on site before committing to a full scale system.