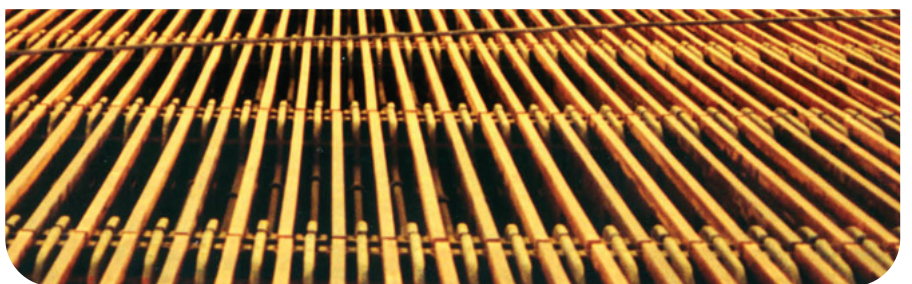




Smith & Loveless Inc.
Protecting Water. Protecting People.™

Mining Solutions

Advanced Electrolyte Filtration,
Wastewater Treatment and
Solids Separation Systems
for Total Sustainability



45+ Years of Sustaining Mines in Electrolyte Filtration...



Efficient Filtration

Simple O&M

Purer Copper

Smith & Loveless pioneered leading technologies that help mines produce purer copper and manage their water resources more efficiently and easily. For the production side, **DI-SEP**[®] Electrolyte SX Filters have enable SX-EW mines throughout the world to produce > 99.99% pure copper. **DI-SEP**[®] SX Filters are high volume pressure filters designed exclusively to purify electrolyte fluids in copper mining/electrowinning facilities, removing greater than 90 percent of the organic materials prior to the electrowinning stage.



Innovator of copper electrolyte filtration
Most global SX Filter installations

Easy access for maintenance &
safer passage in/around filters

Custom-designed controls + panel
with interface terminal & data ports

Unique designs allow low shipping,
installation and maintenance costs

Retrofit upgrades, parts and
DI-SEP[®] high-performance media

and Water/Wastewater Treatment + Clarification



Flexible Processes

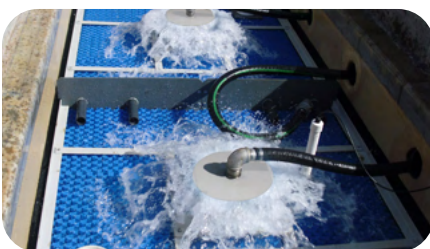
Water Reuse & BNR

Smart Automation

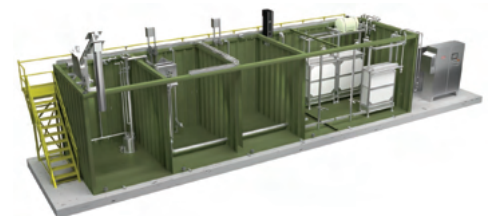
For mines treating wastewater onsite, S&L offers a complete array of package treatment plants designed for water reuse and easier O&M. Our diverse array of wastewater treatment solutions are tailored to meet your needs and flows — including advanced membrane / MBR solutions ideal for reuse, fixed-film systems for variable flows and complete clarification and separation systems. Our engineered treatment systems are known for being simple to own and operate while performing efficiently over time to meet your clean water goals.



**Fixed-BioFilm Systems
for Variable Flows**



**Membrane BioReactor
for Water Reuse and BNR**



70+ years of delivering sustainable onsite wastewater treatment solutions

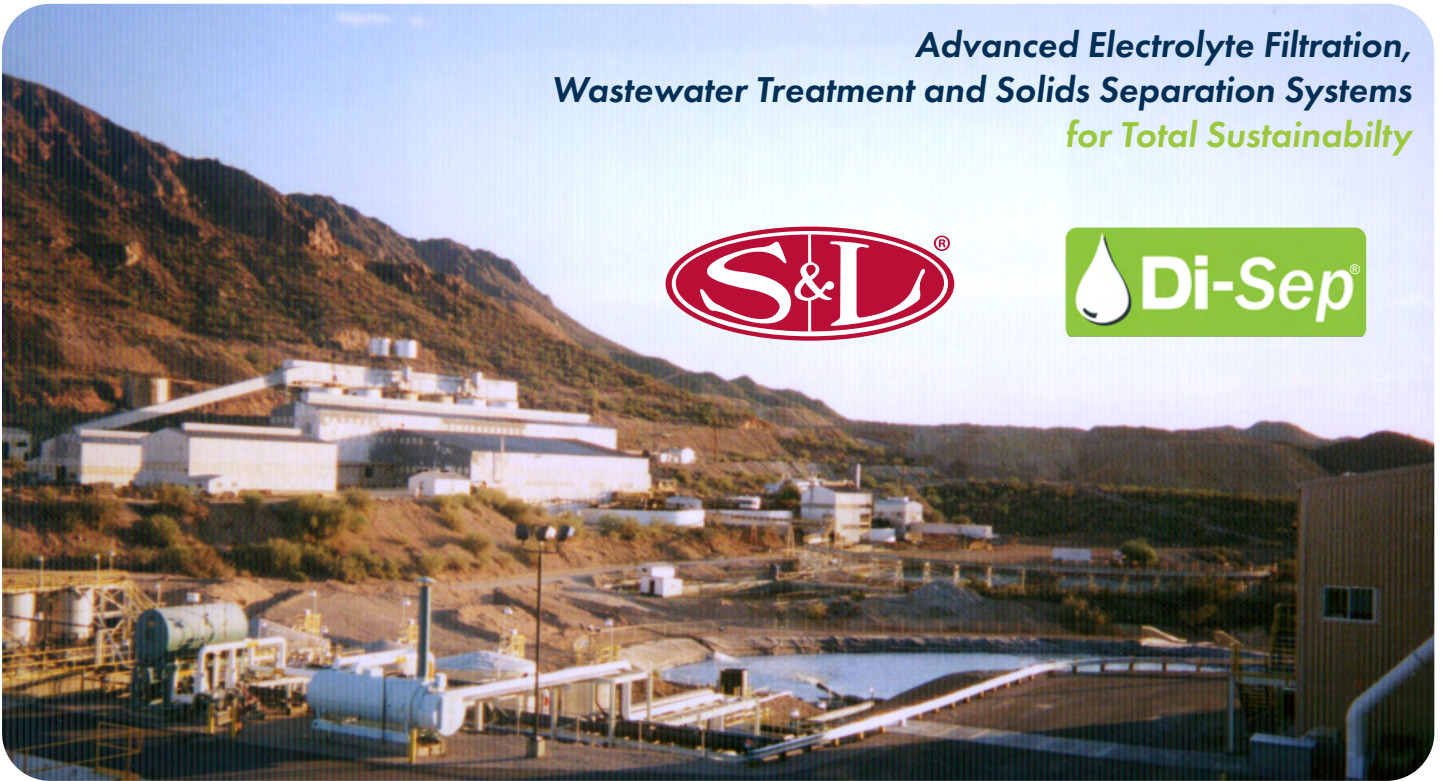
Membrane BioReactors & fixed film process options

Designed for easy O&M, long-lasting operation, saving time and money

Delivers to mine site, plug & play install; Containerized and modular models

Complete S&L field service and support; including remote monitoring

**Advanced Electrolyte Filtration,
Wastewater Treatment and Solids Separation Systems
for Total Sustainability**



Sustainable

Meet sustainability goals with efficient, long-lasting equipment that promotes worker safety

Diverse Solutions

We offer a complete array of solids-separation and biotreatment solutions for SX-EW operations

Safer O&M

We design systems that make operation and maintenance simpler, easier and less frequent

The Smith & Loveless Advantage

We don't supply you just with long-lasting, easy-to-maintain equipment, we provide complete solutions to your SX-EX and water problems, including value-added services and support through out the life of your project and installation, from pre-design to post-installation. From in-house process-mechanical-electrical design, to fabrication, installation and start-up, to complete aftermarket and field service technical support, S&L is there to serve you each step of the way — as we have done for 75+ years.

