

# LITHIUM PROCESS FLUID

## Lithium Test Center Concentrate, Refine & Convert

### Accelerate Your Lithium Project

Saltworks' **Lithium Test Center** provides industry-leading expertise and innovative technology to help you concentrate, refine and convert low-grade lithium solutions to produce battery-grade outputs.

- **Rapid, coordinated response:** Engineering, pilots, and full-scale plant production all at one facility.
- **Process optimization services:** Receive optimized process flow diagrams, mass balance, and economic models for your project.
- **Bench and pilot testing:** De-risk your project by testing your process with our In-House Mini-Refineries.
- **Established full-scale plant provider:** We design, build, and deliver full-scale lithium refining plants that are modular, optimized and digitized.



### Explore Our Leading Offerings

Saltworks optimizes post-DLE lithium refining: capital cost, operating cost, and lithium recovery.

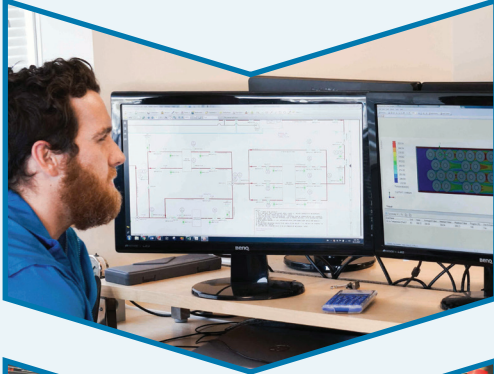
Our full-scale platforms are modular and intelligently automated for rapid installation and start-up.

- Selective chemical extraction systems (impurity removal)
- Ultra-high recovery membrane systems (concentration)
- Thermal lithium chloride concentrators (concentration)
- Lithium carbonate reactors (conversion)
- Lithium hydroxide crystallizers (battery-grade solids)

### In-House Mini-Refineries

PILOT-1: 1,000-5,000 L runs

PILOT-10: >30,000 L runs



## 1. Process Optimization

Our expert team provides rapid, upfront analysis to highlight optimized processing options.



## 2. Pilot: Lithium Test Center

Send us a sample for in-house refining and optimization of your flow sheet.



## 3. Full-Scale: Complete Systems or Unit Operations

Meet your scale up objectives with our full-scale complete systems or or unit operations.



## 4. Operational Support & Expansion

We provide full technical and operational support after your on site plant installation. Our modular plants are also fully expandable.

**Contact our experts to learn more.**