



## RESOLVE Trailer Mounted Thermal Evaporation

30,000 GPD Capacity • Up to 98% Volume Reduction

When disposal pathways change overnight, operations are exposed. POTWs tighten acceptance limits under PFAS scrutiny. Injection well capacity tightens. Extreme rainfall overwhelms storage. Hauling becomes constrained or cost-prohibitive. Regulators require immediate corrective action.

The RESOLVE Trailer restores control - fast. Backed by experience treating more than 1.5 billion gallons of challenging industrial wastewater.

### Immediate Wastewater Control

RESOLVE is a trailer-mounted thermal evaporator built for rapid response when wastewater disposal becomes uncertain.

- ✔ Up to 30,000 GPD treatment capacity
- ✔ Up to 98% wastewater volume reduction
- ✔ Fully integrated direct-contact thermal evaporation process
- ✔ Rapid mobilization with minimal permitting
- ✔ Self-contained operation - no external utilities required



### Stabilize Operations. Reduce Exposure.

RESOLVE reduces wastewater volume quickly and predictably, relieving storage pressure and reducing reliance on emergency hauling. It helps operators maintain compliance requirements, protect day-to-day operations, and create time to evaluate long-term infrastructure decisions.

When disposal certainty disappears, RESOLVE provides operational breathing room.

### Engineered for Difficult Wastewater

RESOLVE utilizes direct-contact thermal evaporation, eliminating traditional heat exchangers that are prone to scaling and fouling in high-TDS and high-solids streams. By avoiding heat exchange surfaces, RESOLVE:

- ✔ Reduces fouling risk
- ✔ Minimizes unplanned downtime
- ✔ Does not generate odors during operation
- ✔ Handles challenging wastewater more reliably
- ✔ Maintains consistent performance during variable load conditions

## Flexible Rental Deployment

RESOLVE is available through Heartland's rapid response fleet. Rental terms range from one month to multiple years, depending on site needs.

Leasing provides immediate wastewater capacity without long-term capital commitment. It is suited for emergency events, seasonal volume spikes, maintenance outages, or regulatory-driven disruption.

Capacity is deployed when needed – removed when no longer required.

## Designed for High-Risk Wastewater Environments

Landfill Leachate POTW rejection • PFAS pressure • Storm volume spikes • Storage stabilization	Mining & Mineral Processing Tailings water • Saline streams • Temporary dewatering
Power Generation (FGD & CRL) ELG compliance • Interim stabilization • Demonstration	Industrial Manufacturing Membrane reject • Permit limits • Production continuity
Oil & Gas Produced Water Injection well constraints • High-TDS brine • Remote deployment	Flood & Extreme Weather Response Storm surges • Infrastructure damage • Disaster stabilization

## Product Specifications

Treatment Capacity	Up to 30,000 GPD
Volume Reduction	Up to 98%
Configuration	Trailer-mounted, fully integrated system
Fuel & Power	Self-contained with on-board generator and gas supply; can operate on site natural gas or landfill gas
Utility Requirements	No external electric or process water hookups required
Emissions	Clean water vapor plume
Residuals Handling	Concentrate returned to landfill or managed onsite
Deployment Timeline	Operational within days

## When Disposal Becomes Uncertain, Resolve It.

Heartland RESOLVE  
Rapid Response Thermal Evaporation