The Sustainable Path to CRSD Certification

The Center for Responsible Shale Development (CRSD), a not-for-profit organization comprised of environmental NGOs and gas industry leaders, issues its CRSD certification to Appalachian Basin producers that recycle at least 90% of their flowback and produced water.

Eureka Resources delivers the most cost-effective, convenient and environmentally sustainable method to achieve CRSD certification.

Cost-Effective

Eureka Resources provides service options that can reduce the long-term cost of wastewater treatment.

Our most economical options treat and clarify wastewater to return to you for reuse. We offer three levels of purification to meet your drilling needs.

Water that isn't needed for reuse can be so thoroughly purified that the U.S. Environmental Protection Agency will permit it to be released to the Susquehanna River.

Through our crystallization and distillation process, we extract high-purity beneficial minerals such as salt, calcium chloride and lithium.

Residues that cannot be recycled are disposed of according to environmental best practices and government regulations.

Convenient

Our treatment facilities are located near major development fairways to minimize hauling distance, and our in-house hauling and logistics team can provide end-to-end water management solutions. We can even haul water from and to locations that are difficult to access, such as small compressor stations and remote well pads. We also haul solids and residuals to EPA-approved solid-waste disposal sites.

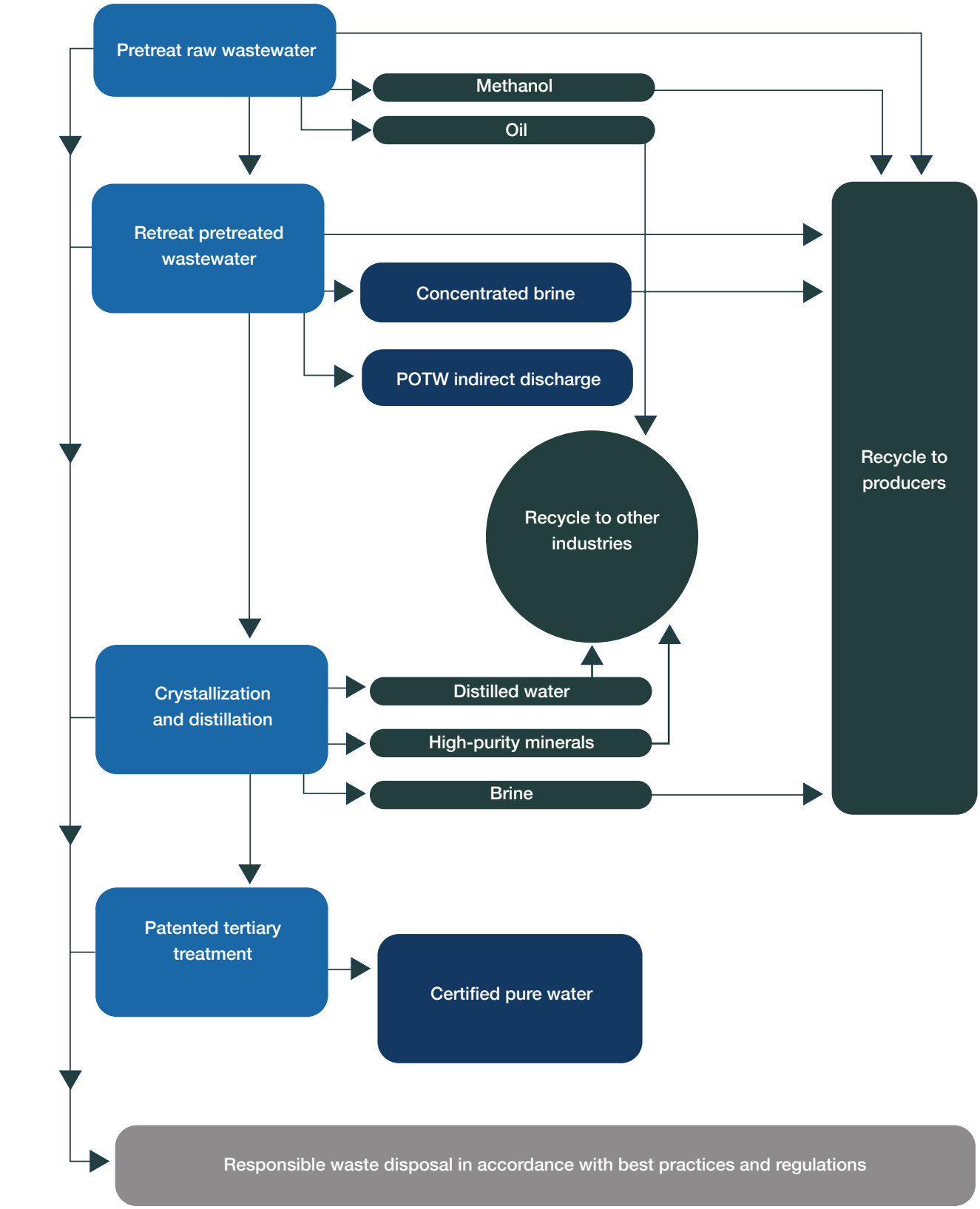
Sustainable

Unlike other providers, Eureka's state-of-the-art technologies benefit the hydrologic cycle.

Our innovative, patented processes cleanse flowback and produced water by isolating and removing hundreds of types of particles. The resulting water and extracted minerals are so pure they meet or exceed regulatory requirements. Our processes can even isolate and remove hazardous contaminates - if present - like mercury, lead or radium.

EUREKA RESOURCES

How We Do It


Pretreat raw wastewater
Methanol
Oil
Retreat pretreated wastewater
Concentrated brine
POTW indirect discharge
Recycle to producers
Recycle to other industries
Crystallization and distillation
Distilled water
High-purity minerals
Brine
Patented tertiary treatment
Certified pure water
Responsible waste disposal in accordance with best practices and regulations