



Each reprocessing solution addresses the unique needs of each operation while producing zero liquid discharge.

_ EXPERTISE AND EXPERIENCE TO EFFECTIVELY MANAGE LATE-STAGE PRODUCED WATER

With over 30 years of experience managing industrial effluents, CRS is an ISO-certified provider that brings a wealth of knowledge to the management and treatment of hard-to-treat late-stage water from hydraulic fracturing. A service-based partner with operations throughout North America, Europe and Asia, our fluid management technology provides efficient recycling of industrial fluids for a wide range of manufacturing facilities. Designed to meet demanding customer requirements and specifications, CRS offers optimized on-site, off-site and near-site reprocessing services that are flexible enough to accommodate a variety of applications. We also have a history of taking a leadership environmental position, developing extensive regulatory expertise that helps our clients comply with stringent EPA/DEP requirements.

_THE CRS ADVANTAGE

CRS has established a reputation for optimized on-site and near-site fluid recycling. Now for oil and gas companies in the Northeast region, CRS can handle all your water treatment and disposal needs so you can focus on your drilling operations. With our extensive experience as a leading service provider, we can implement a turnkey operation that can reduce exposure to spills while minimizing freshwater needs and the costs and risks of off-site trucking. You can count on CRS to effectively support your quality control and compliance efforts, backed by detailed analysis and testing to contractually guarantee water specifications. Our on-site labs take key measurements, adjust to changing water conditions, provide data logging and other high-value services.



+ FRAC WATER RECYCLING

CORPORATE HEADQUARTERS

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LEWISBERRY OPERATIONS

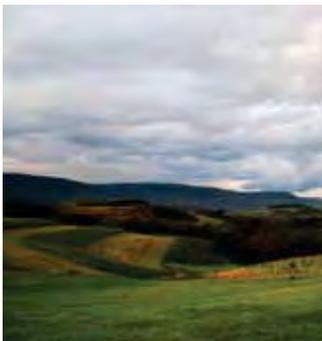
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Our scalable, transportable solutions deliver optimum site performance and cost efficiency.



CRS solutions can process 700 barrels to 25,000 barrels of water per day.

ADVANCED REPROCESSING TECHNOLOGY

Located in Lewisberry, Pennsylvania, our research and development headquarters is permitted by the Pennsylvania Department of Environmental Protection. CRS represents industry-leading technology that has been field tested for complex reprocessing applications. From pre-treatment to crystallization to solid waste compression for low disposal costs, our solutions are tailored to meet your needs while conforming to government requirements. In the case of late-stage produced water, CRS can design a system where a single base unit can reprocess up to 77 million gallons (1.8 million barrels) of water annually to meet your re-use standards:

- Prevent scale reformation
- Reduce corrosive components
- Meet regulatory standards for disposal

CUSTOMIZED SERVICES

Hard-to-treat, high-TDS, late-stage produced water presents unique challenges that CRS is well equipped to handle. Our service models are tailored to provide the ideal solution for each application. We can configure reprocessing solutions that work on site, as a transportable unit or centrally located within multiple operations that form a "cluster." These options minimize the transportation requirements, and thus the costs. This also helps maintain high efficiency while reducing the environmental impact of excessive truck traffic.

PERFORMANCE DATA mg/l (Typical)

CONTAMINANT	INFLUENT	EFFLUENT
Calcium	< 25,000	< 50.0
Barium	< 12,000	< 10.0
Strontium	< 5,000	< 10.0
Magnesium	< 3,000	< 50.0
Iron	< 200	< 1.0
Manganese	< 10	< 1.0
Total Suspended Solids	< 1,500	< 30.0



* QUALITY MANAGEMENT SYSTEM
CERTIFIED BY DNV
ISO 9001:2008