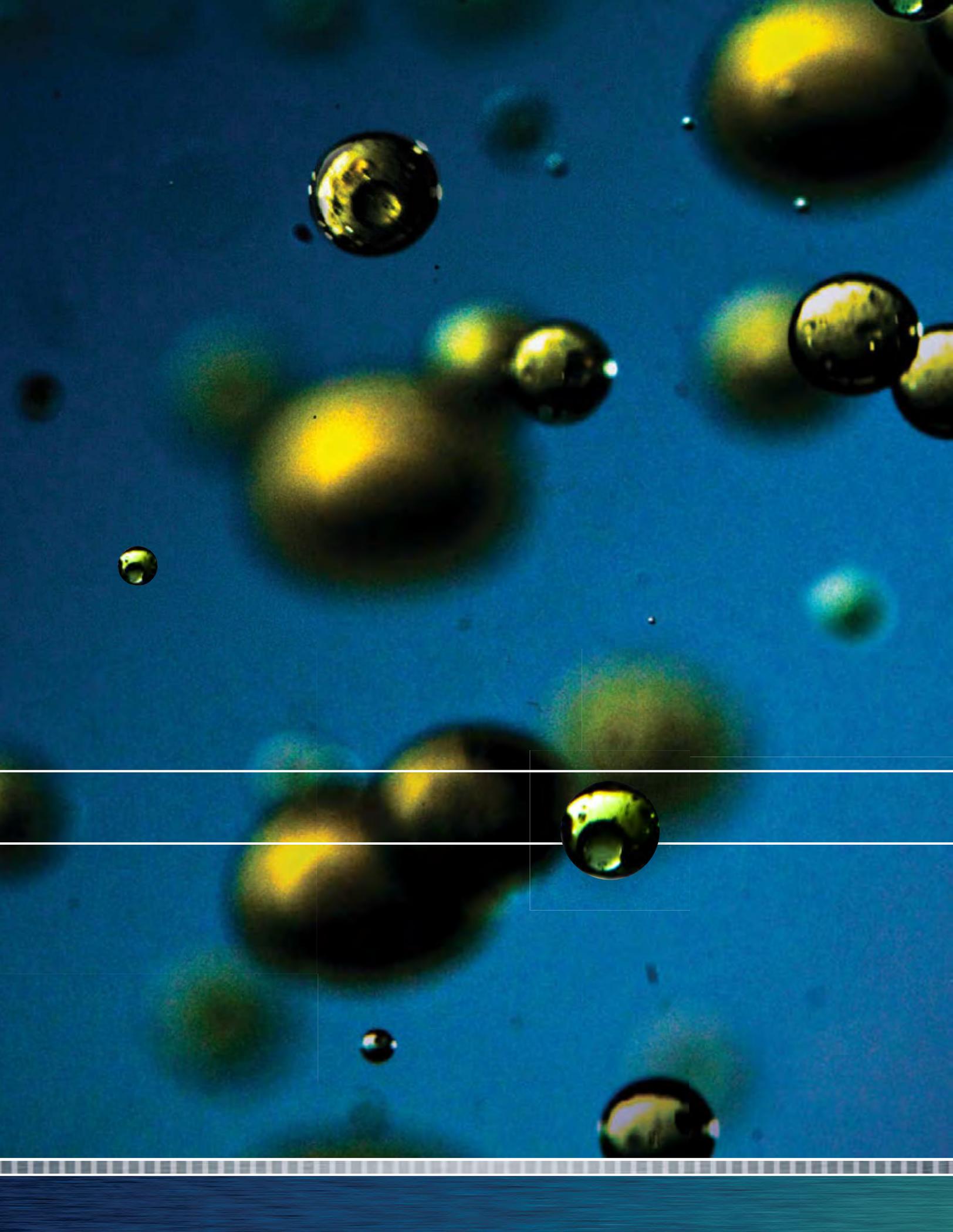
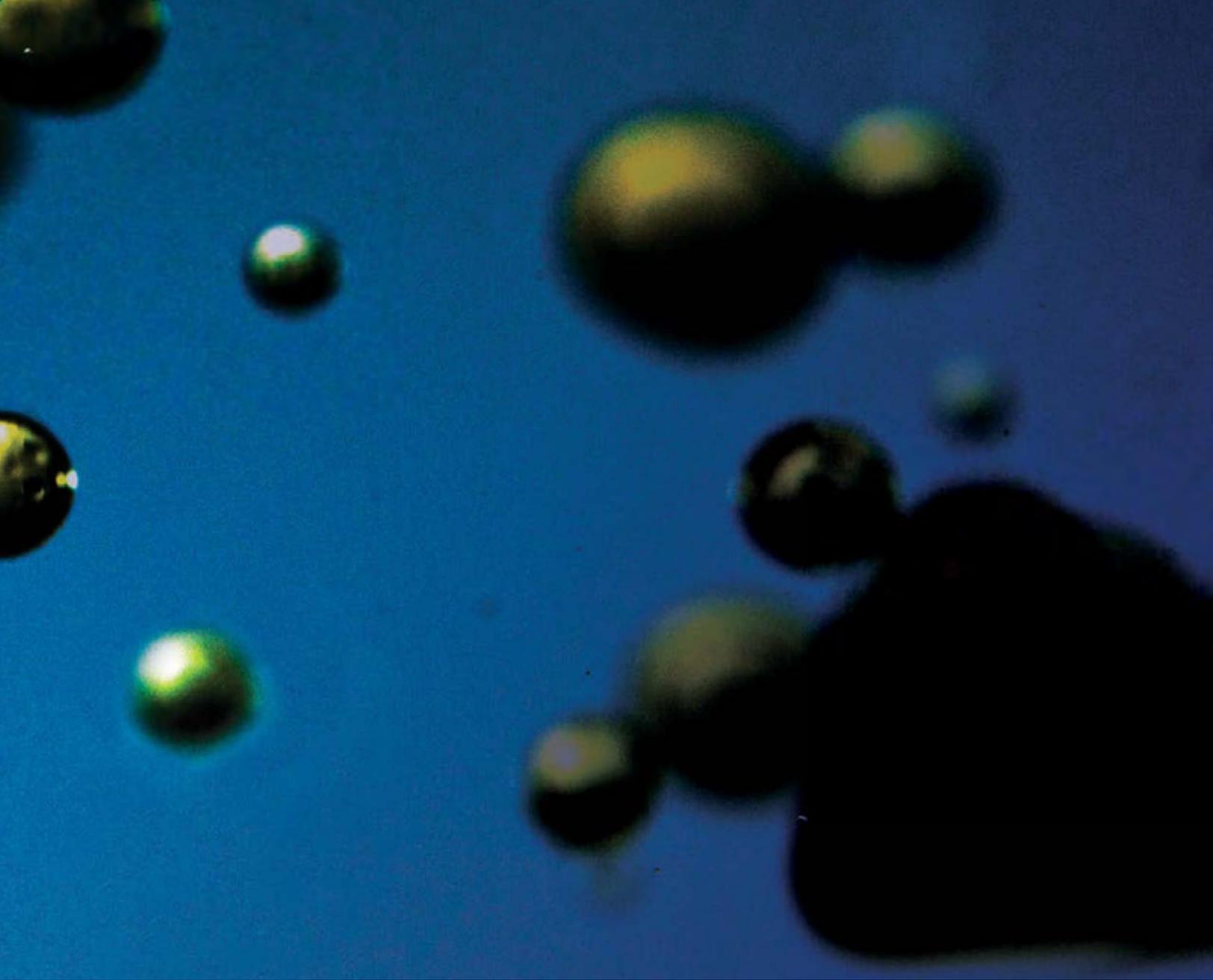


## ClearPhase

Mobile testing discharge treatment



A microscopic view of numerous dark, spherical oil droplets of varying sizes suspended in a clear, light blue liquid. The droplets are out of focus, creating a bokeh effect. The background is a solid, deep blue color.

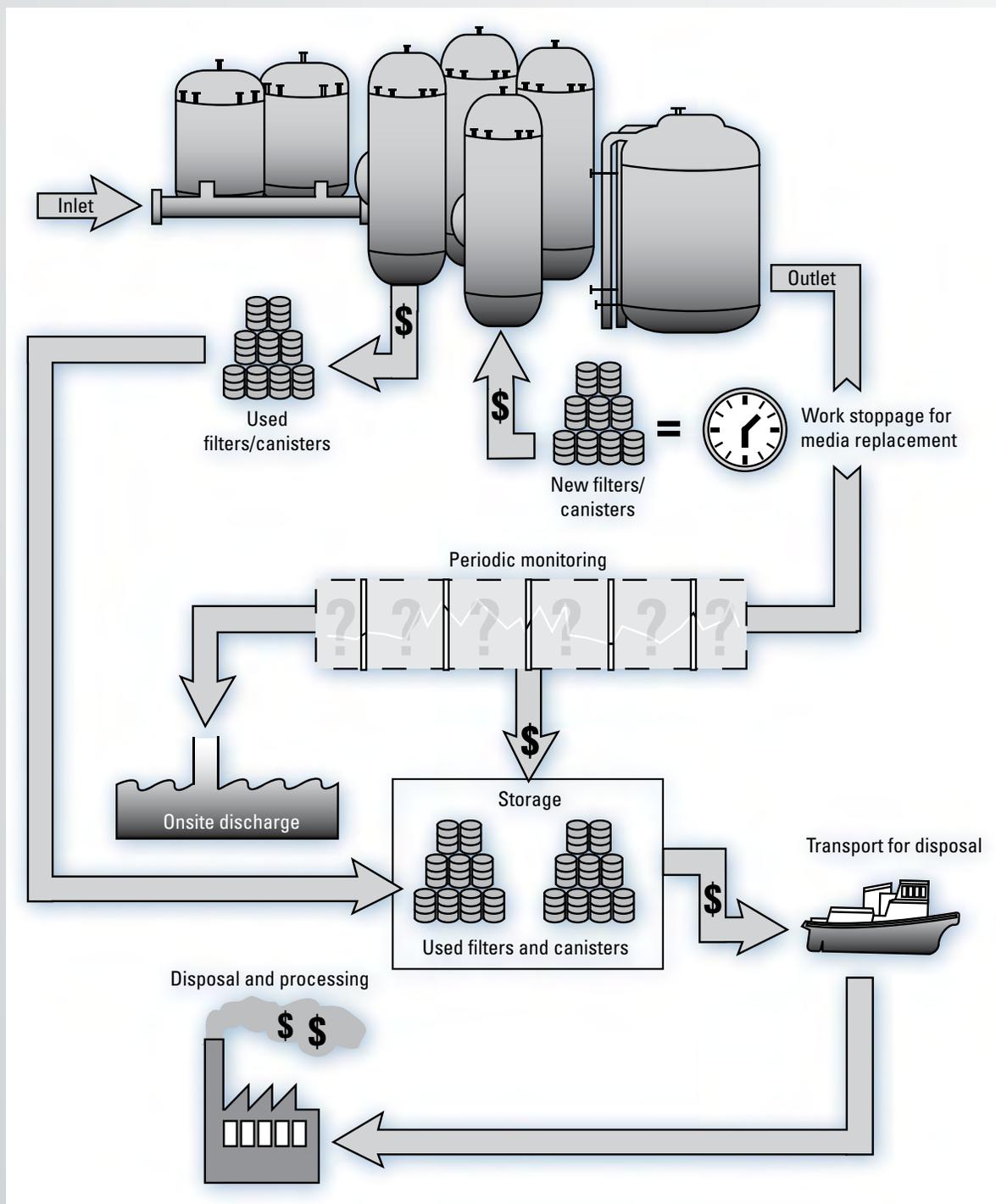
## Get more out of your reservoir test.

**Now you can accurately characterize your reservoir in the most environmentally sensitive areas using discharge treatment specifically designed for testing.**

ClearPhase\* mobile testing discharge treatment enables onsite discharge by reclaiming residual oil and reducing oil-in-water content to less than 20 ppm. Real-time monitoring, complete with an auditable record of output quality, ensures compliance under the most stringent regulations. And with no waste or by-products generated, you can eliminate storage, transport, and offsite processing costs.

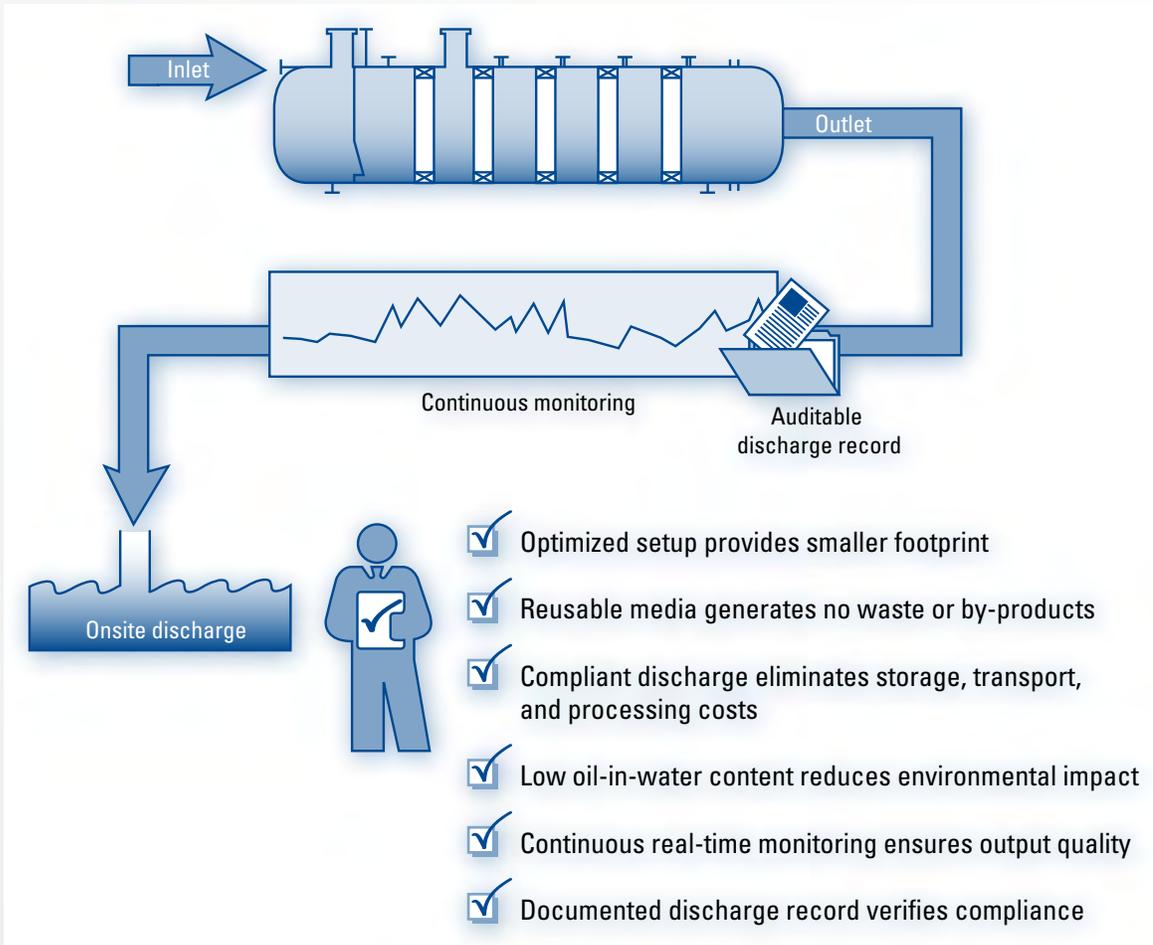
# A Tale of Two Treatments: Side-By-Side Comparison

Conventional Discharge Treatment



Engineered to be more efficient and cost-effective, ClearPhase discharge treatment helps reduce your overall footprint and spread costs. With nothing to store, transport, and ship for processing, you'll have more room on deck—and in your budget.

### ClearPhase Discharge Treatment



The ClearPhase treatment design is ideal for surface testing operations where deck space is limited.

# Lower Your Environmental Impact



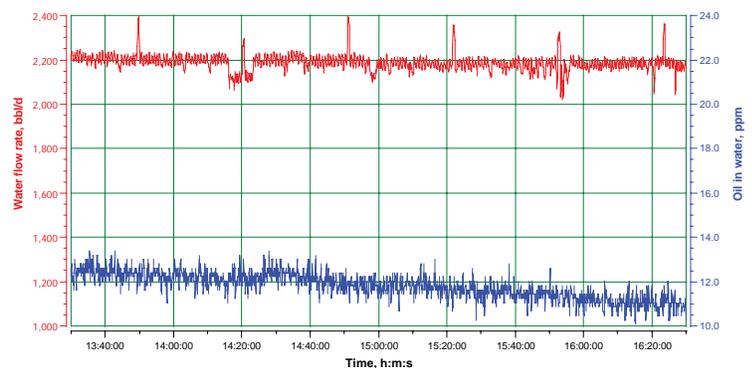
Well within compliance, treated fluids can be discharged onsite.

## RECOVER RESIDUAL OIL FOR MORE EFFICIENT TREATMENT

ClearPhase treatment collects free oil and reduces oil-in-water content to less than 20 ppm for onsite effluent disposal. If needed, fluids can be redirected to ensure compliance under the strictest regulations. RPA® Reusable Petroleum Absorbent media, manufactured by ProSep, Inc., does not need to be replaced during treatment and can be recycled. This feature eliminates intervention time and allows continuous operations.

## MONITOR OUTPUT IN REAL TIME

Unlike conventional periodic metering of oil-in-water content, ClearPhase treatment uses real-time monitoring of output quality to ensure your discharge remains compliant during the entire water treatment process. This capability is further enhanced with an auditable discharge record of effluent content.



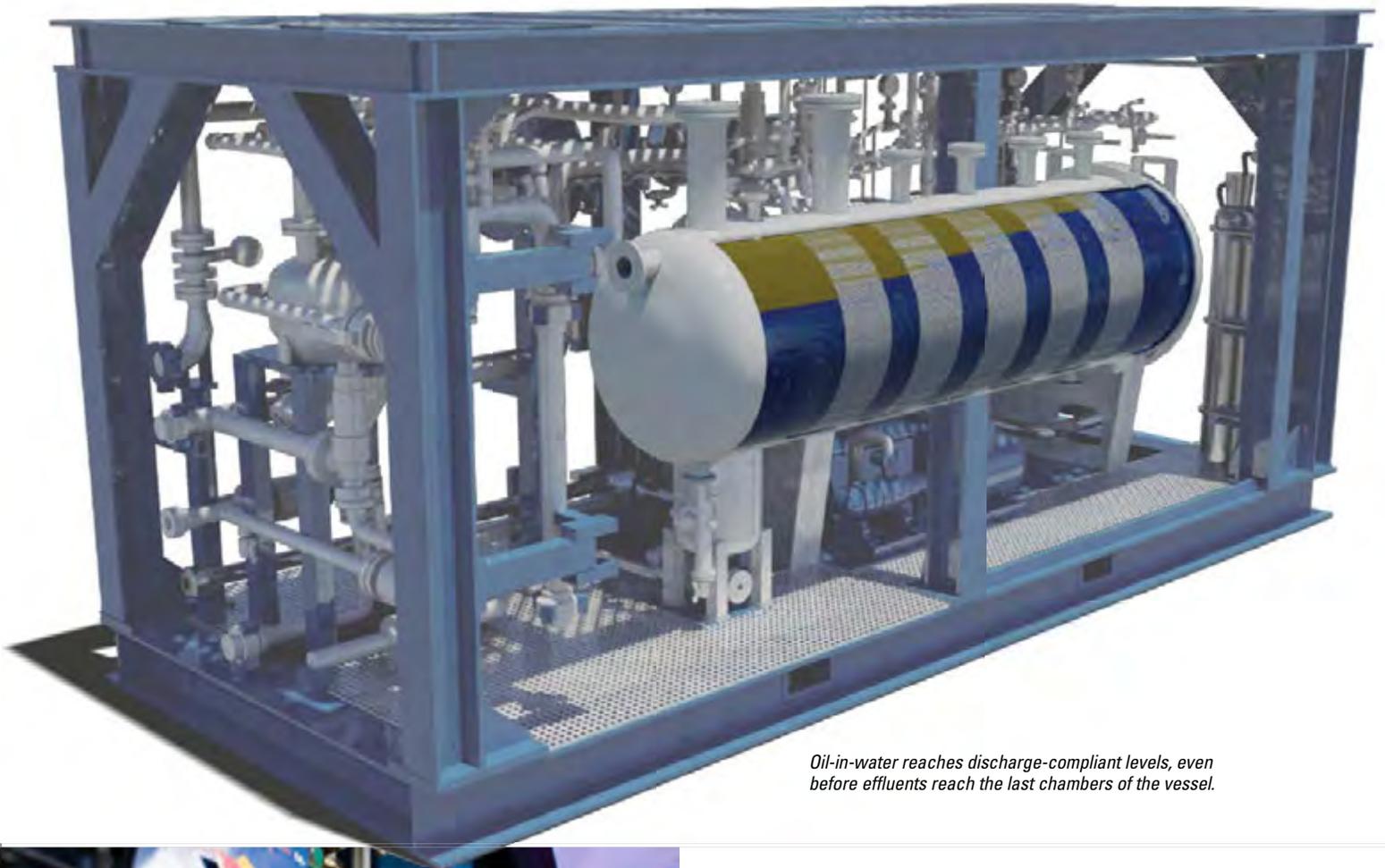
## ELIMINATE STORAGE, TRANSPORT, AND OFFSITE PROCESSING COSTS

RPA does not generate waste or by-products, thus removing the need to store new and used filtration media and freeing up valuable deck space. In addition, by providing more efficient oil recovery, RPA technology allows onsite discharge that eliminates the need to transport and process large quantities of noncompliant fluids.

## IMPROVE SAFETY WITH A SELF-CONTAINED, PRESSURIZED UNIT

The ClearPhase treatment is rated for H<sub>2</sub>S service; it is pressurized, requires no gas venting during operations, and is constructed of the highest-quality materials for a safer working environment. The unit's durable construction qualifies it to handle fluids with temperatures as high as 212 degF and pressures reaching 150 psi.

The ClearPhase system combines TORR™ de-oiling technology licensed from ProSep, Inc. and field-proven surface testing technologies for an innovative solution designed to exceed the strictest discharge requirements.



*Oil-in-water reaches discharge-compliant levels, even before effluents reach the last chambers of the vessel.*



#### **OPTIMIZE WELL CLEANUP OPERATIONS**

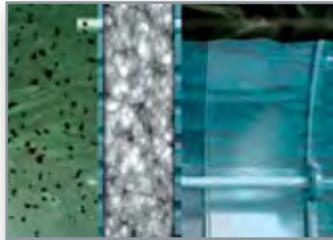
ClearPhase treatment used in conjunction with the CleanPhase\* well test separator with SmartWeir\* phase separation technology provides the fastest, most extensive cleanup available. From the initial flowing of the well, optimize retention times and manage effluent levels with three-phase separation. This combination provides streamlined operations with more efficient handling of effluents and nonstop, accurate flow rate measurements.

## Multimedia

*Click image or visit [www.slb.com/ClearPhase](http://www.slb.com/ClearPhase) to view the enhanced content.*

### Animation

Learn how ClearPhase discharge treatment can help you lower your environmental impact and get more out of your reservoir test.



### Expert Video

Discover the ClearPhase treatment advantage as the product champion discusses the treatment's technology.



## Related Products

*Click below or visit [www.slb.com](http://www.slb.com) for more information.*

### CleanPhase

Well test separator with SmartWeir technology

### Surface Testing

Products and services for well testing operations

[www.slb.com/ClearPhase](http://www.slb.com/ClearPhase)