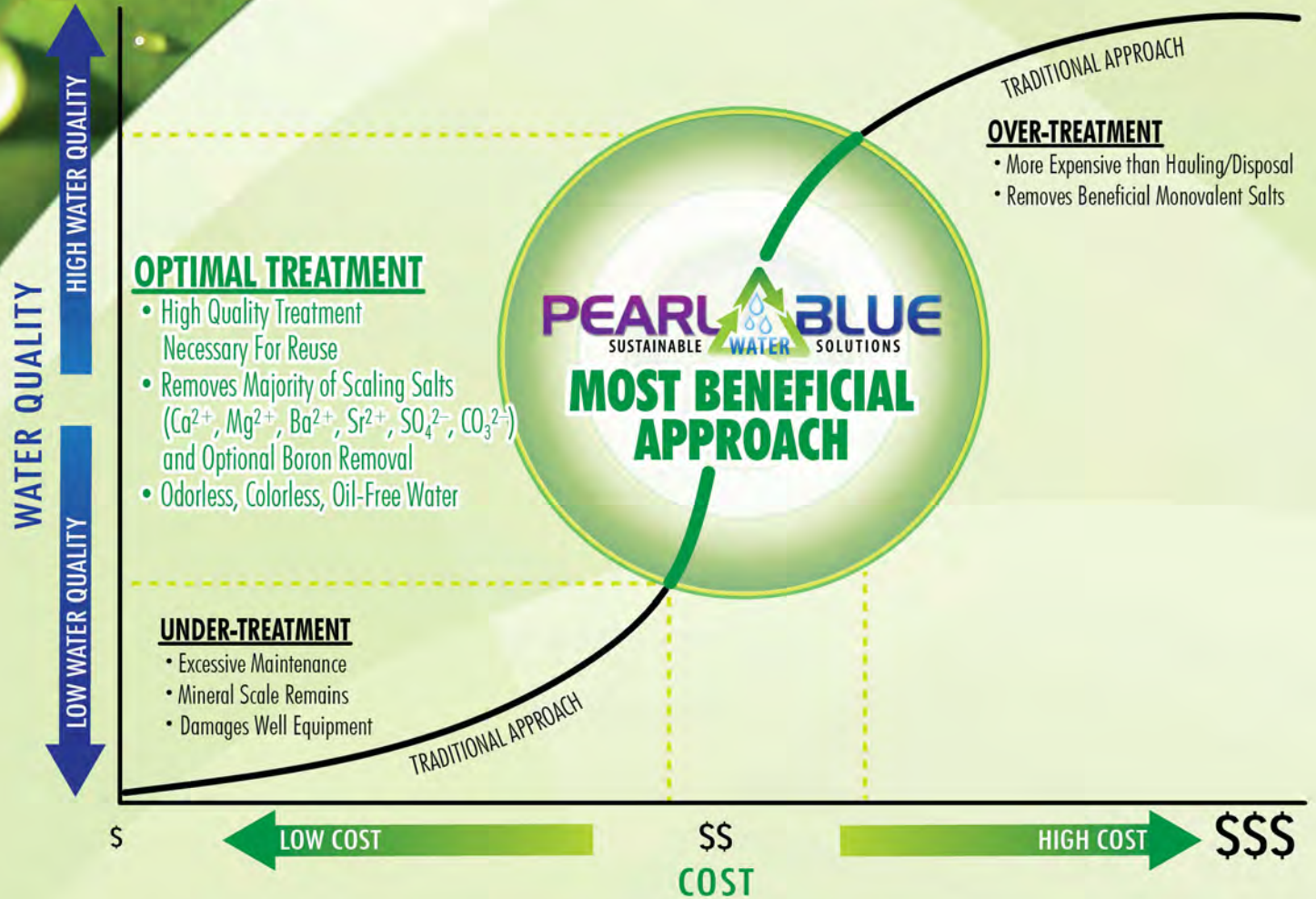


ON-SITE PRODUCED & FLOWBACK
TREATMENT FOR

WATER RECYCLING



OVERCOMES PROBLEMS WITH TRADITIONAL FLOWBACK TREATMENT



ONE-SOURCE SOLUTION FOR TECHNOLOGY, MOBILIZATION AND OPERATION

SIMPLE INSTALLATION

MOBILE

TURN-KEY OPERATIONS

COST EFFECTIVE

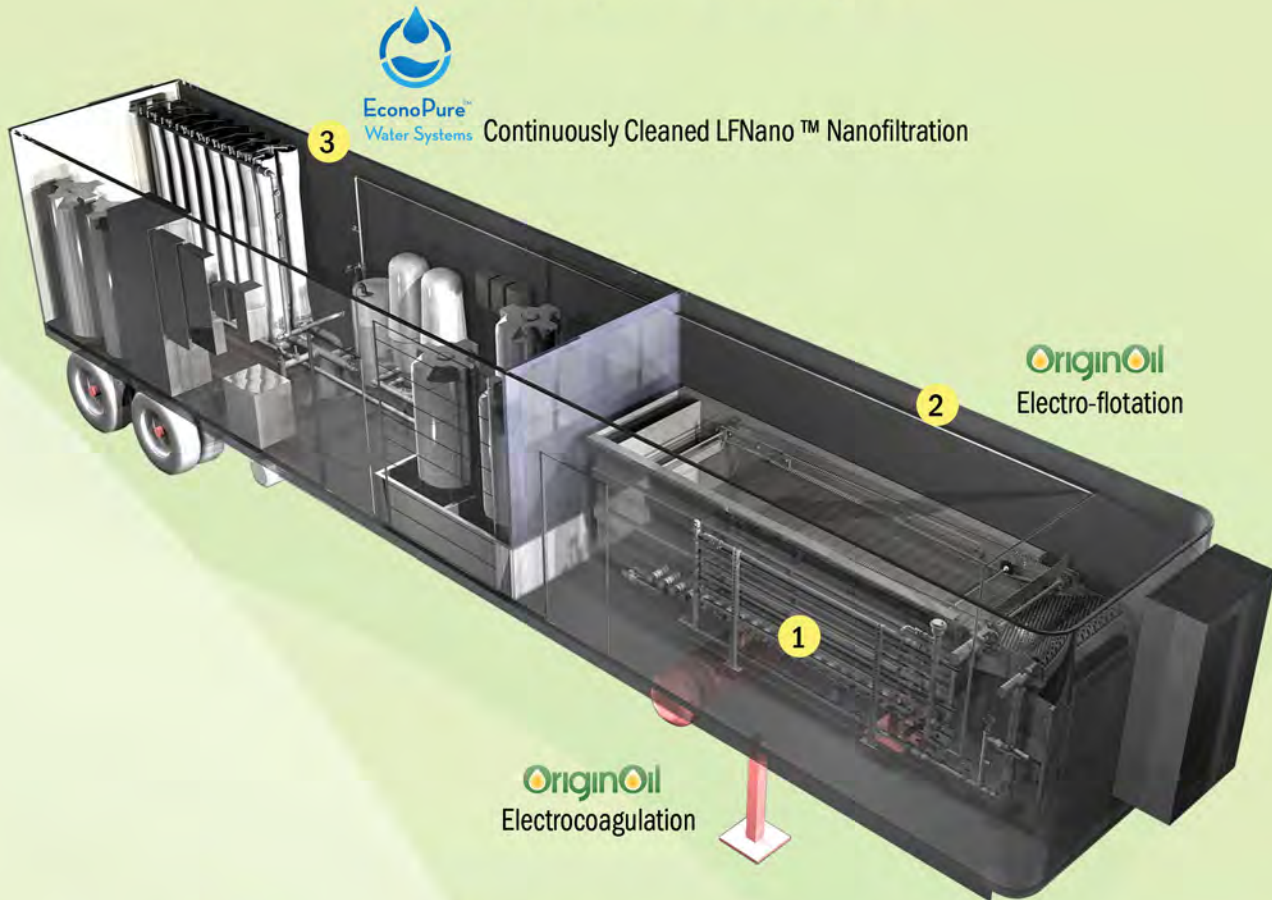
SMALL FOOTPRINT

SATISFIES WATER QUALITY REGULATIONS



ADVANCED TREATMENT IN MOBILE CONTAINERS

Treatment package flexible to include dirty water storage, treatment system, operations office and clean water storage on a very small site footprint.



GUARANTEED WATER QUALITY

- Removes 100% of petroleum-based material
- Removes 100% of suspended solids
- Removes $\geq 75\%$ divalent salts and scalants
- Removes over 99% of chemicals
- Removes 100% of all sulfides and biological material
- Reduces COD by $\geq 80\%$

PATENTED WATER RECYCLING SOLUTION DEVELOPED BY WATER TREATMENT EXPERTS

In-House Engineers, Scientists, Builders, Operators and Controls Integrators



Engineers, PhDs and scientists who have designed hundreds of water and wastewater treatment systems. Expertise areas include advanced wastewater treatment and water recycling, drinking water, ocean and brackish water desalination, groundwater recharge, and new technology research and development.

www.pacewater.com



Engineers, contractors and operators offering innovative and efficient water recycling solutions on small site footprints and scaling flexibility to meet individual client needs.

www.percwater.com



Design, engineering and construction of a wide range of aquatic environments worldwide.

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1,500 BBL/DAY COMPACT ON-SITE FLOWBACK TREATMENT SOLUTION

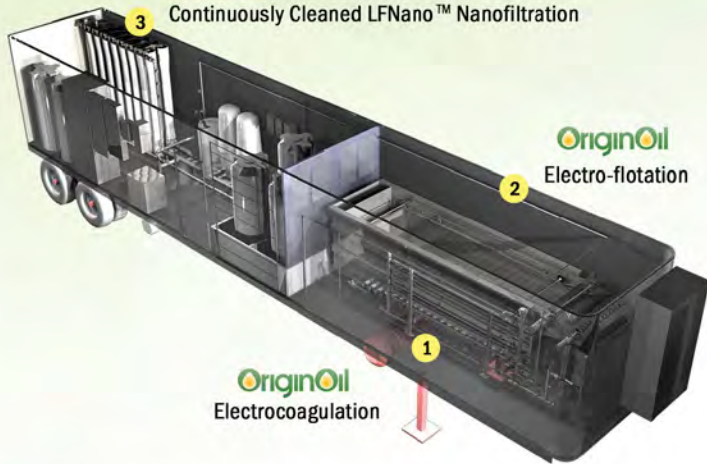


EconoPure
Water Systems

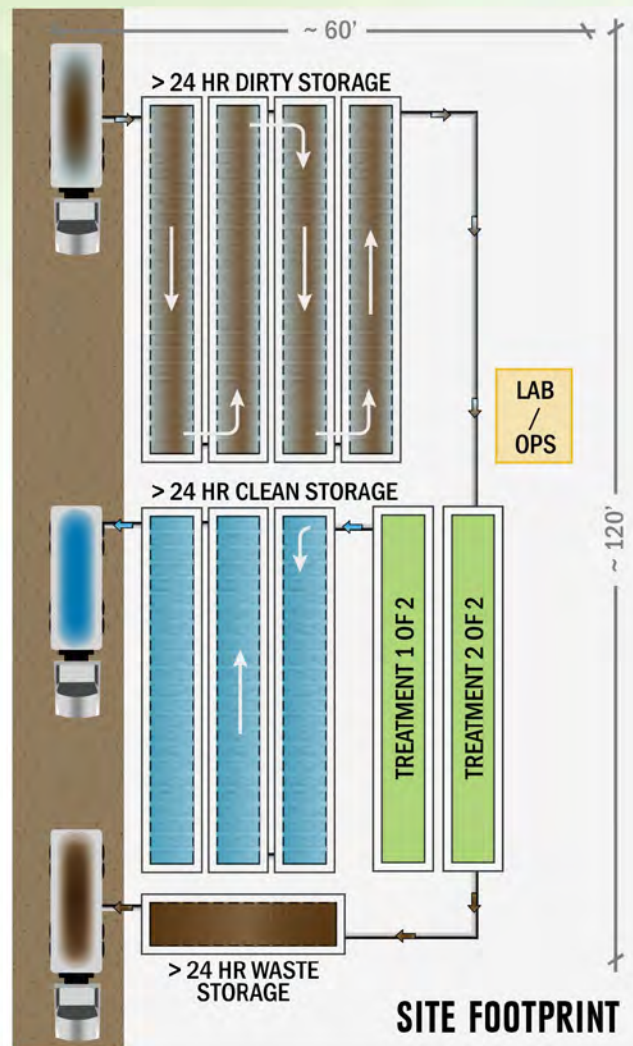
3 Continuously Cleaned LFNano™ Nanofiltration

2 OriginOil
Electro-flotation

1 OriginOil
Electrocoagulation



TREATMENT WITHIN MOBILE CONTAINERS



TREATMENT SYSTEM CUSTOMIZED TO YOUR NEEDS

STEPS TO TREATMENT SYSTEM DEVELOPMENT

1

PROVIDE WATER DATA AND SAMPLE

- Send water sample (approx. 100 gallons desired).
- Identify recycled water quality criteria.
- Indicate treatment volume (daily/monthly) and duration (months).

LAB WATER TESTING

- Flowback and recycled water quality and quantity testing.
- Treatment agreement parameters developed including range of cost per barrel for treatment, treatment volume and water quality guarantee.

2

PERFORM FINAL TREATMENT TESTING ON-SITE

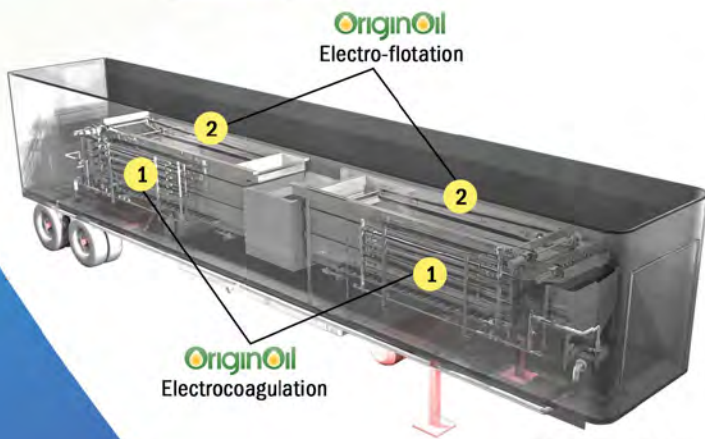
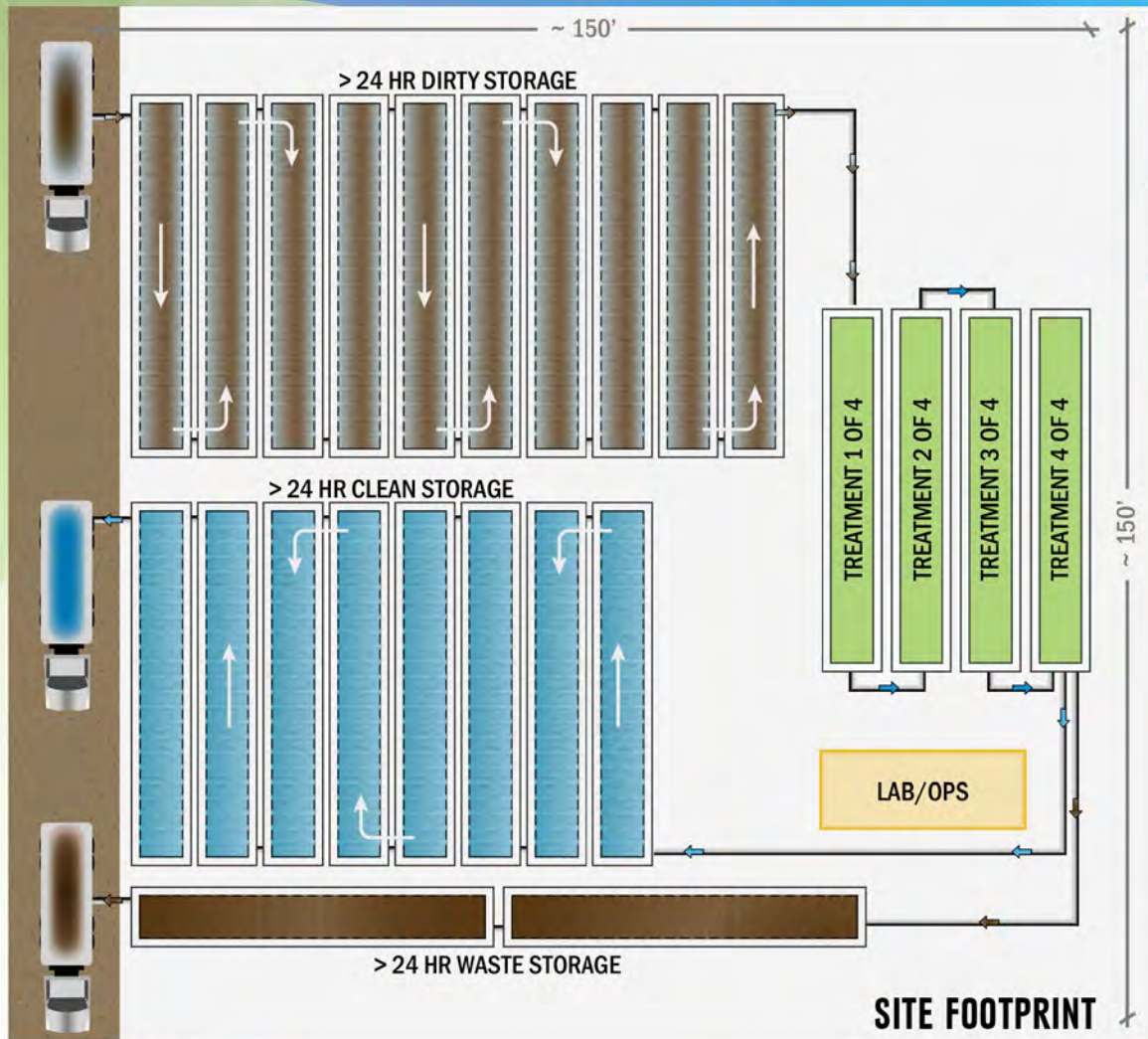
- Perform on-site treatment for 3-5 days, 8 hours per day.
- Verify site conditions, power supply, vehicle access and operational needs.
- Provide final water treatment agreement on price per barrel basis.

3



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5,000 BBL/DAY COMPACT ON-SITE FLOWBACK TREATMENT SOLUTION



TREATMENT WITHIN MOBILE CONTAINERS

TREATMENT SYSTEM CUSTOMIZED TO YOUR NEEDS

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