



Filling the Need for a New Oilfield Water Reclamation System

2,000 Barrel per Day (bpd) Process Facility

- Sustainable
- Cash Flow Positive
- Scalable to 2.5 Million bpd
- Fixed - Mobile - Offshore Platforms

A proprietary chemical-engineering solution that combines TWO legacy waste streams - oilfield produced water (OFPW) and wellhead CO₂, into multiple high-value revenue streams while delivering true Zero-Liquid-Discharge (ZLD).

THE CHALLENGE



Oilfield Water Crisis in the Permian Basin and the Smackover Formation

- Chronic regional water shortage, aquifer depletion, and contamination risk.
- Pressure rising from Public Regulatory bodies and industry for sustainable reuse of water.
- Critical minerals in OFPW (Lithium (Li), Sodium (Na), Calcium (Ca), and Magnesium (Mg) are currently wasted while U.S. supply chain becoming more dependent on China and South America.
- Deep-well injection drives 1,500% increase in seismic activity. New Arkansas and Texas Railroad Commission (TxRRC) rules now restrict volumes, pressures, and create regulatory areas-of-review under stricter compliance.

Legacy Disposal Methods Are Unsustainable, Costly, and Increasingly Restricted.

CLAW TECHNOLOGY SOLUTION



CLAW Technology Turns Two Waste Streams into Multiple Revenue Opportunities

CLAW Technology Combines Contaminated Oilfield Production Water (OFPW) Rich in Lithium, Sodium, Calcium, and Magnesium Cations with CO₂ from Wellhead Gas.

Key Outcomes

- Reclaims ~92.5% of contaminated production water equal to 23,310,000 gallons of reusable water annually for agricultural or industrial use from a single 2,000 bpd facility
- Battery-Grade High Value Lithium Carbonate
- Converts Cations Into High-purity Marketable Sodium, Calcium, and Magnesium Carbonates
- Produces Heavy Brine Kill Fluid at 10–13 Pounds Per Gallon (ppg) to Regulate Operating Pressure of Wells
- Generates Tipping Fees + Carbon Credits

CLAW Technology with ZLD Eliminates Flaring Gas, Evaporation Ponds, or Deep-Well Injection.

STRATEGIC PILLARS



- **RECLAIM** ~92.5% Water + Valuable Carbonates of Lithium, Sodium, Calcium, and Magnesium.
- **REUSE** Water to Eliminate Seismic Risk, Aquifer Contamination, and Depletion.
23,310,000 Gallons of Reclaimed Water Annually!
- **PRODUCE** Jobs, Revenue, and Critical Minerals That Strengthen U.S. Supply Chains and National Security.
- **REDUCE** Costly/Dangerous Trucking and Deep-Well Injection of OFPW.
- **REPLACE** Imported Critical Minerals with Domestic Production via Proven Chemical Engineering Processes.

PROPRIETARY PROCESS



Proven Modular Chemical Engineering

- 2,000-bpd Process Facility: Model EWRS-2
- 80% cation recovery + ~92.5% water recovery
- CO₂ energizes the reaction to precipitate cations-to-carbonates
- Residual brine repurposed as kill fluid (consumes >50% of remaining waste)
- Industrial-scale selective cation-to-carbonate precipitation using established chemistry
- Modular design enables rapid deployment and lowest CAPEX/OPEX versus hard-rock mining, solar ponds, or competing direct lithium extraction (DLE) systems

Minimal Footprint - Fast Scale-up - Captures Value that Other DLE Technologies Leave Behind – Cash Flow Positive

COMPETITIVE ADVANTAGES



COMPARATIVE ANALYSIS OF LITHIUM EXTRACTION METHODS
COSTS SHOWN ARE PER TON OF EXTRACTED LITHIUM

	CAPEX: \$/t		OPEX: \$/t		Recovery Yield		Project Timeline	Water Use (G/t)	C Index t/CO _{2e}	Revenue/t of Li ₂ CO ₃ Produced
	LOW	HIGH	LOW	HIGH	LOW	HIGH				
HRM	\$42,000	\$60,000	\$6,000	\$8,000	40%	70%	10-17 Years	120,000 NR	20.4	\$0
TSEP	\$32,000	\$34,600	\$3,000	\$6,400	20%	50%	4-15 Years	NA	3.1	\$0
OLE	\$17,000	\$30,000	\$2,486	\$3,700	95%	99%	12-18 Months	23,000	<5	\$0
CLAW	\$10,000	\$20,000	\$2,000	\$3,500	95%	99%	12-15 Months	ZLD - R	TBD <OLE	> \$6,000

HRM: Hard Rock Mining Technology

TSEP: Traditional Solar Evaporation Ponds

OLE: Oil Field Direct Lithium Extraction

CLAW: Clean Land Agricultural Water Technology

R: ~92.5% Reclaimed

NR: Not Recoverable

NA: Not Applicable

ZLD: Zero Liquid Discharge

Lowest CAPEX: \$10k–\$20k/t

Lowest OPEX: \$2k–\$3.5k/t

Fastest deployment (12–15 months) using proven chemistry.

Highest water recovery in the industry (92.5%) with true ZLD.

Captures water + all major carbonates (Li, Na, Ca, Mg) – not just lithium.

Combines two waste streams into multiple revenue streams other technologies miss.

Directly addresses state regulations, seismic risk, aquifer protection, and U.S. critical-minerals strategy.

• MARKET OPPORTUNITIES

• Permian Basin

- Strong Regulatory Tailwinds
- 20+ Million bpd OFPW Feedstock
- Abundant Co-Located Wellhead CO₂
- Existing Infrastructure, Skilled Labor, Operations Access
- Projected \$16 Billion Water-Infrastructure Spent by 2030

• Expansion Path

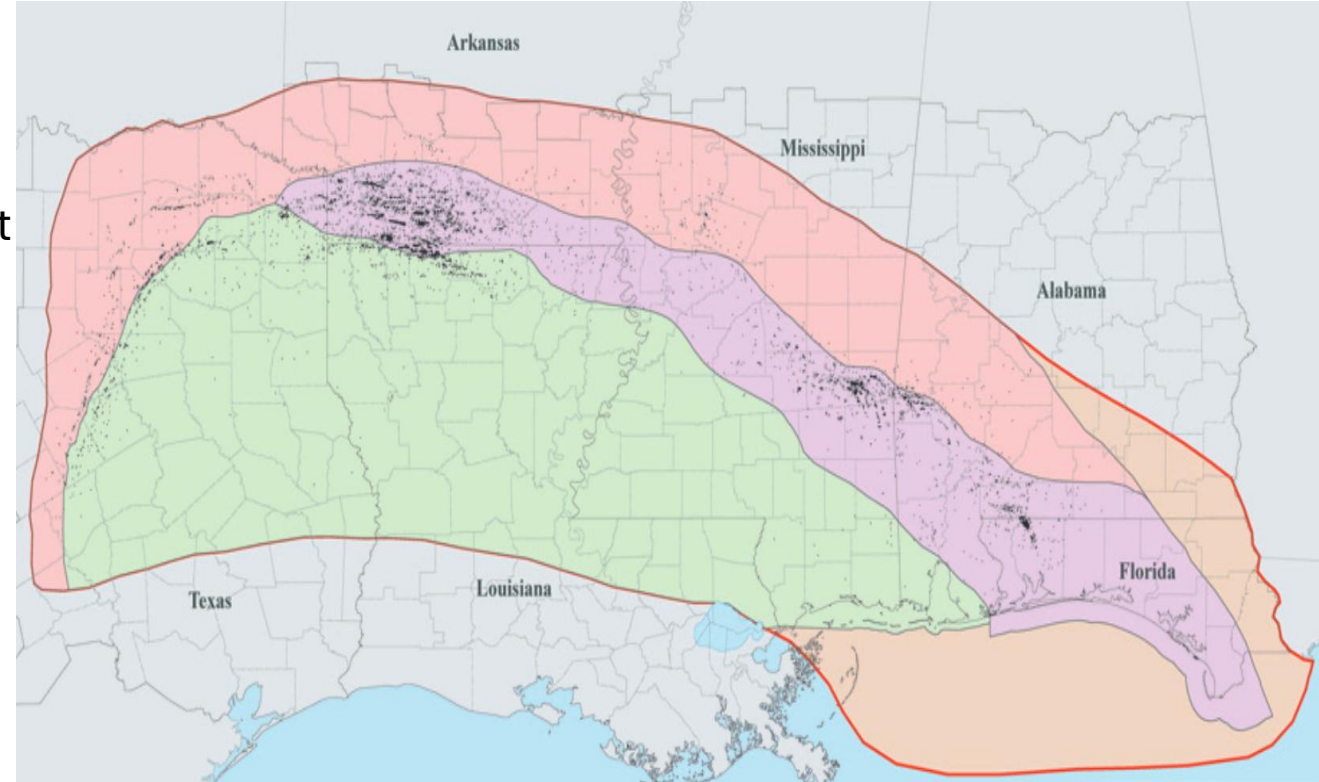
- Step 1: U.S. Expansion: TX, OK, NM: 25,000 -250,000 bpd
- Step 2: Various Models: Fixed - Mobile - Offshore Facilities
- Step 3: Global Expansion: Larger Facilities - 2.5 Million bpd



• MARKET OPPORTUNITIES



- **Smackover Formation**
 - Strong Regulatory Tailwinds
 - 500k bpd OFPW Feedstock
 - Abundant Co-Located Wellhead CO₂
 - Existing Infrastructure, Skilled Labor, Operations Access
 - Less OFPW volume with higher mineral byproduct content
- **Expansion Path**
 - Step 1: U.S. Expansion: TX, OK, NM: 25,000 -250,000 bpd
 - Step 2: Various Models: Fixed - Mobile - Offshore Facilities
 - Step 3: Global Expansion: Larger Facilities - 2.5 Million bpd



EXECUTION TIMELINE

Risk Milestones



2,000 bpd Facility: EWRS-2

- Q3-Q4 2026: Engineering, Company Formation, and Development Activity
- Q1 2027: On-Site Construction
- Q3 2027: Commissioning
- Q3 2027 and beyond: Maximum Capacity Profitability

25,000 bpd Facility: EWRS-25

- Q4 2027: Engineering Begins
- Q2 2028: Commissioning Complete
- Q3 2028: Commercial Operations
- **Growth**
- Q1 2029: Additional U.S. Facilities
- Q3 2029: Global Expansion

INVESTMENT OPPORTUNITY



Turning Waste into Reclaimed Water, Critical Minerals, and Profit.

\$15 Million Required for EWRS-2 Facility

Use of Funds: Develop, construct, commission, and operate the 2,000 bpd EWRS-2 Facility.

Projected Annual Revenue of EWRS-2: \$15,579,750*

** Note: Excludes Carbon Credits and other incentives*

- Carbonates (Lithium + Sodium + Calcium + Magnesium)
- Reclaimed Water + Kill Fluid + Tipping Fees

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Carbon Credits (CC): Preliminary Estimates ~\$3.7 Million*

**Note: CC not included in the above revenue estimates*

Investment Highlights

- Cash flow positive from first full year of operations
- Clear path to larger scale operations (Q3 2027)
- Multiple revenue streams, IP growth, national-security impact
- Lowest-cost, highest-recovery ZLD solution in the market

Next Step: Schedule due-diligence review of the full financial model and validation data.

LEADERSHIP TEAM



Brine Treatment and Mineral Recovery Experts

- **PROVECTUS, LLC**
- **Neil MacKenzie** – Chairman of the Board
- **J. Bruce Sifton** – President
- **Claudio Arato** – Chief Technology Officer
- **ECO INTEGRATED TECHNOLOGIES, INC.**
- **Jess Rae Booth** – Chief Executive Officer
- **Walt Carlson** – Chief Financial Officer
- **Harold Erhard** – Investor Relations
- **Steve Haddad** – Director of Special Projects
- **Peyton Jackson** – Director of Business Development
- **Kristin Johnston** – Executive Administrator
- **Brent Mulliniks** – Director of Operations
- **Scott Weekly** – Director of Technology

Provectus, LLC and ECO Integrated Technologies, Inc.

Experienced Team Ready To Execute.