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cvatinfo.com
ctinanotech.com
hydroplasma.tech

NANOTECHNOLOGY FOR A SUSTAINABLE FUTURE

Neil Voloshin
CEO,
Board Member

Duane Germenis
Advisory Board Member,
CTi's water division

DISCLOSURE

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Cavitation
Technologies, Inc.

REVOLUTIONIZING FLUID PROCESSING WORLDWIDE

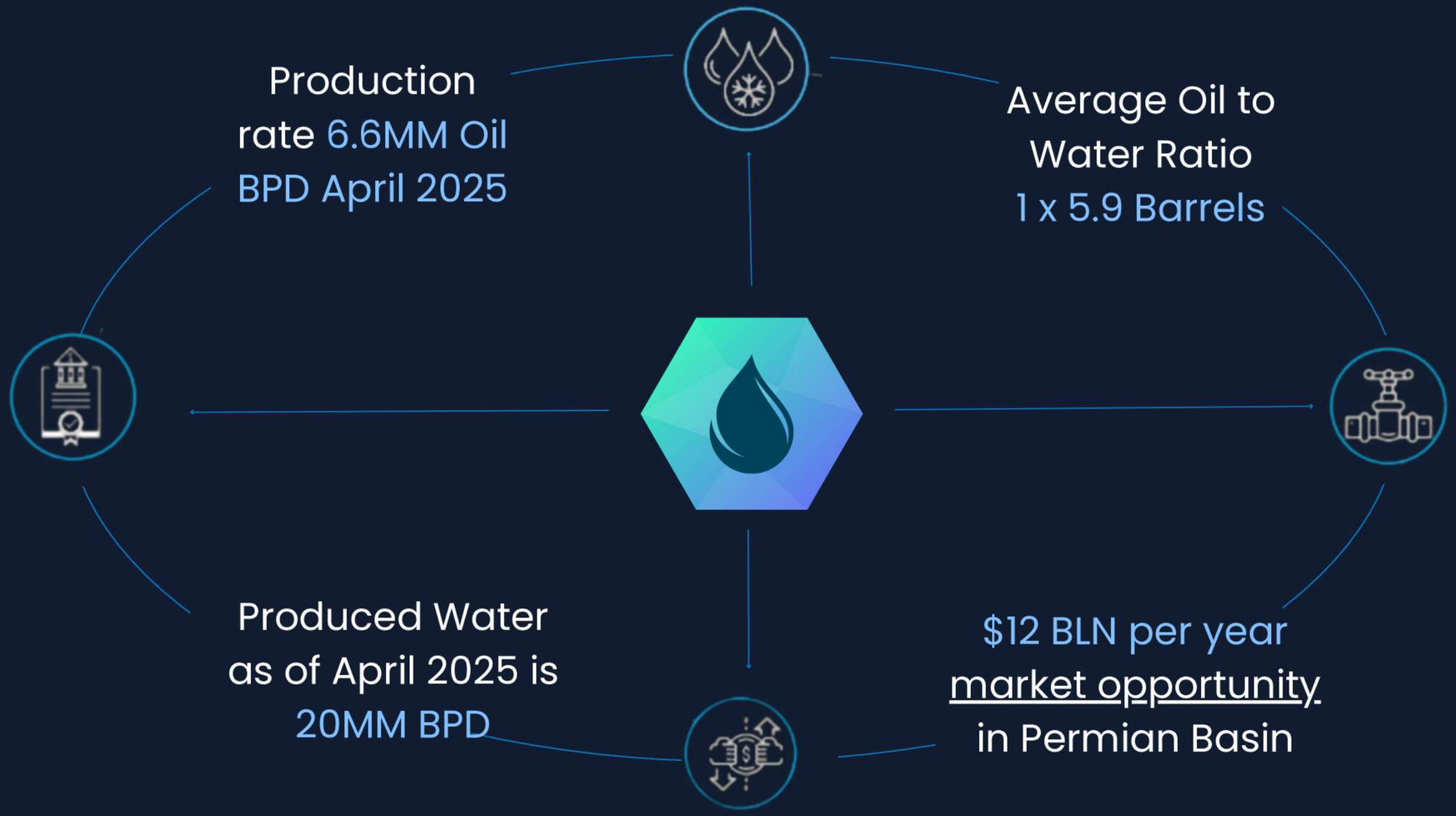
The core principal behind our technology is a flow-through process that produces physical and chemical restructuring in fluids on a molecular level, thus enhancing operating efficiency in industrial and consumer applications.

Nano Reactor®

DUANE GERMENIS – ADVISORY BOARD MEMBER

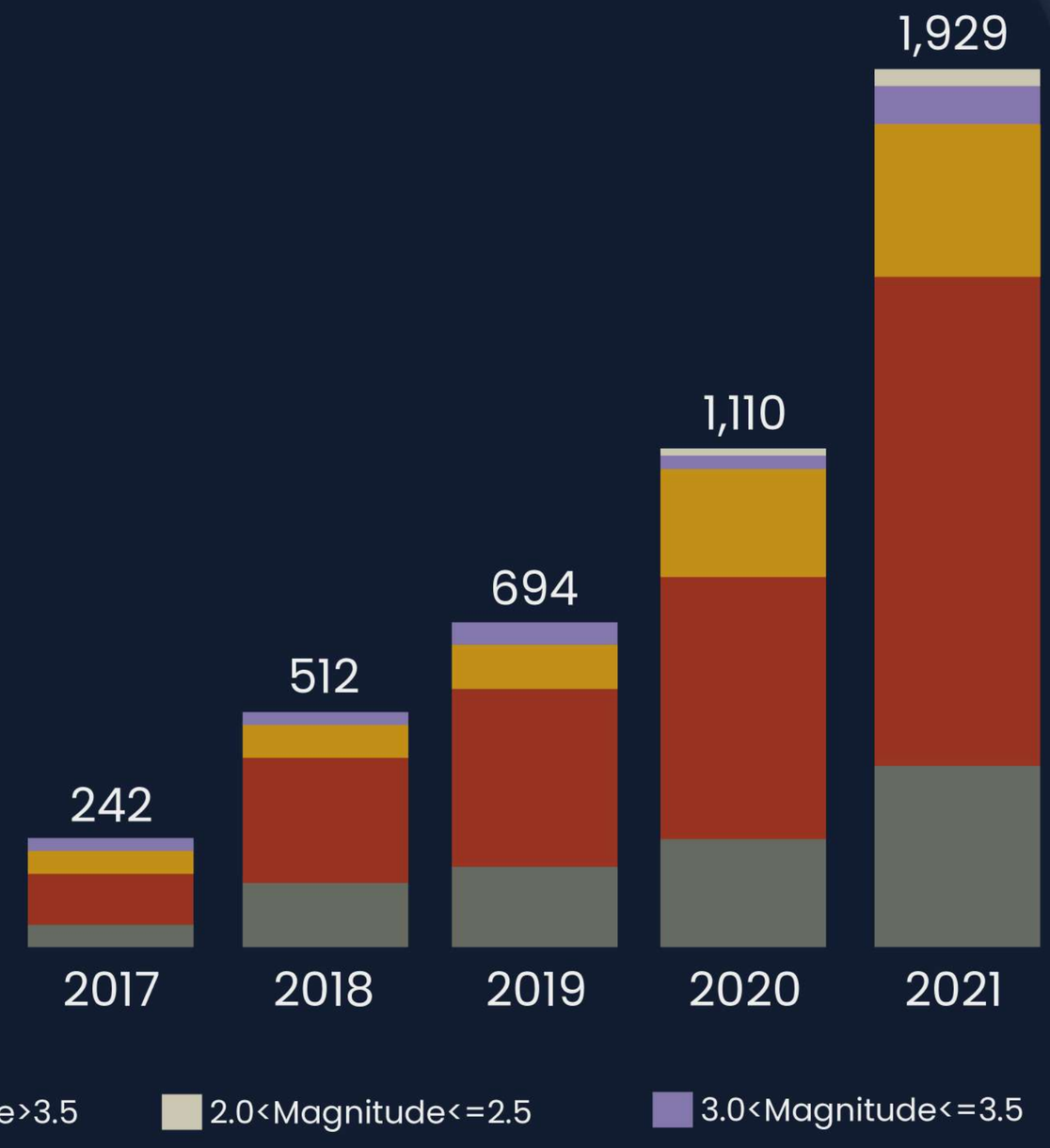
- Mechanical Engineering degree from the University of Houston
- 33+ years of experience in industrial water treatment within the oil and gas industry
- Chairperson of the Texas Water and Energy Institute at the University of Texas, Permian Basin
- Permian Basin Water in Energy Advisory Board Member
- Technical Committee Member of the Produced Water Society
- Previously held leadership roles at USFilter, Veolia Water Technologies, and Intelligent Water Solutions

OIL & GAS INDUSTRY TRENDS.
PERMIAN BASIN



WEST TEXAS SEISMIC ACTIVITY

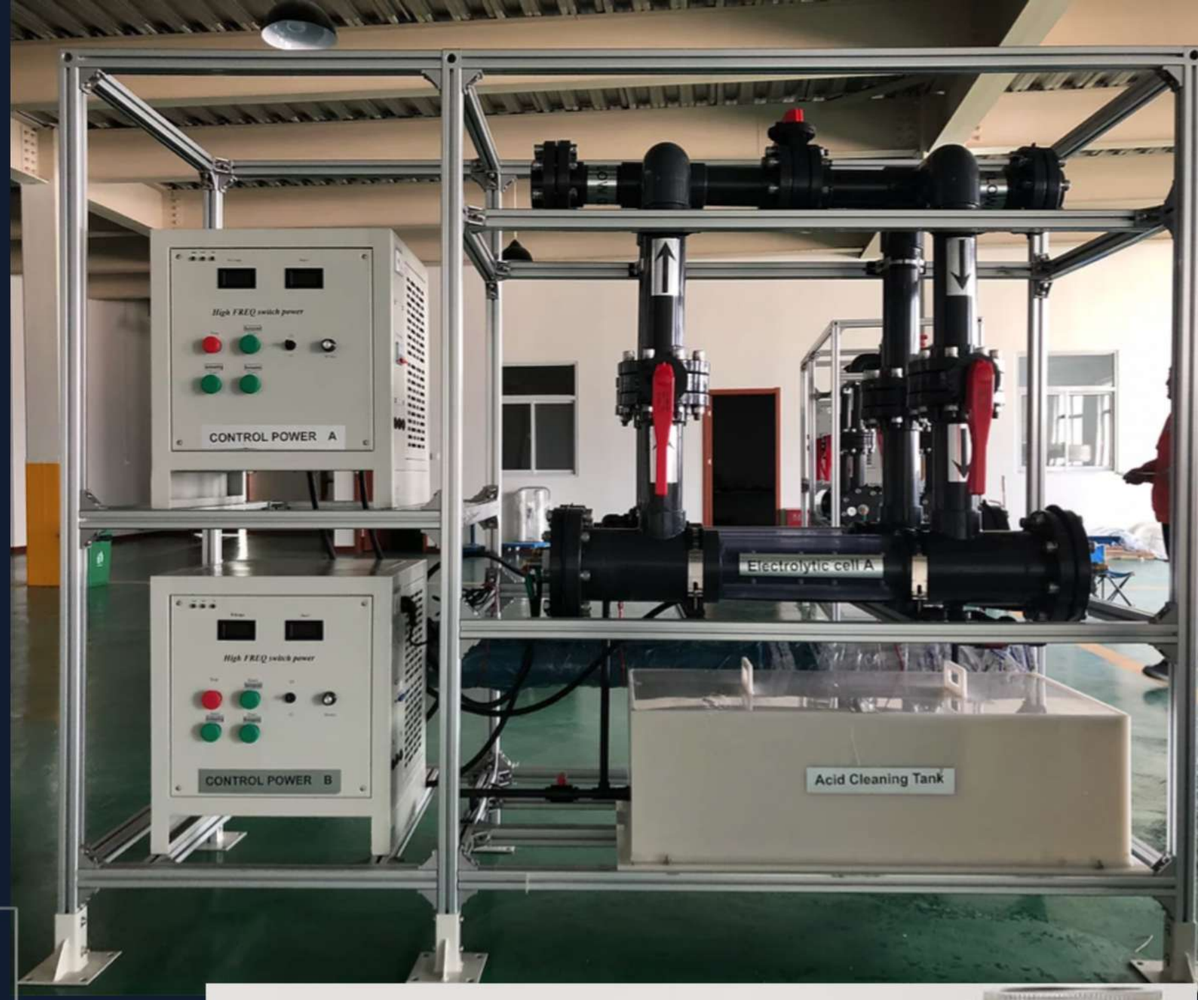
- Injecting produced water into SWDs is linked to regional earthquakes
- Traditional treatment methods rely on costly equipment and heavy chemical use
- Texas RRC has restricted SWD use in seismic zones
- TCEQ and other regulators are tightening oversight in Southeast New Mexico and West Texas

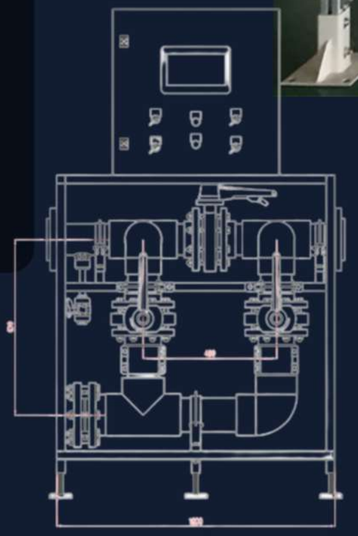


ELECTROLYSIS NANO REACTOR® WATER TREATMENT

SYSTEM:

- Minimal usage of chemicals
- Reduced TDS levels from 65,000+ to less than 1,000 PPM
- Low turbidity
- Removal/Low BOD/COD
- Faster separation



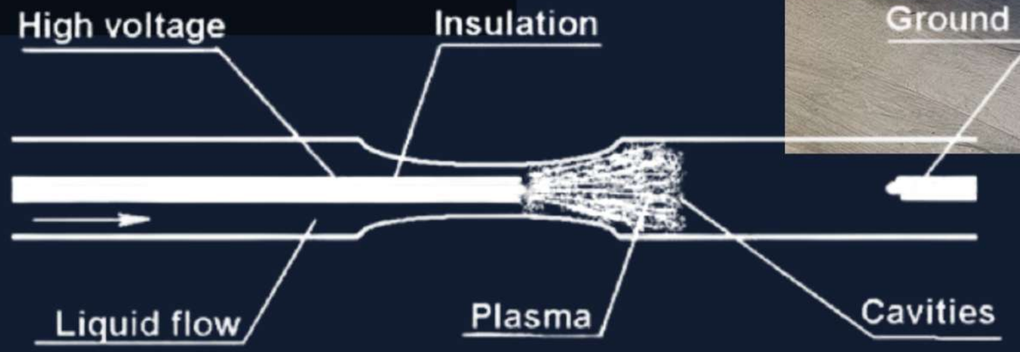


CAVITATION
NON-THERMAL PLASMA™

Cavitation Non-Thermal Plasma™ is an advanced water treatment technology that effectively eliminates contaminants, including microorganisms and complex chemicals, while achieving low turbidity — all chemical-free process. Due to unique plasma properties, it is often referred to as the *'fourth state of matter'*.

CAVITATION NON-THERMAL PLASMA™ SYSTEM

- Highly scalable - 15 to 50 GPM
- Operates between 1,000 to 2,000 watts
- Fully automated system
- Cloud-based technology with real-time data
- Breaking down both organic and inorganic compounds



UV LIGHTS VS. NON-THERMAL PLASMA

UV LIGHTS:

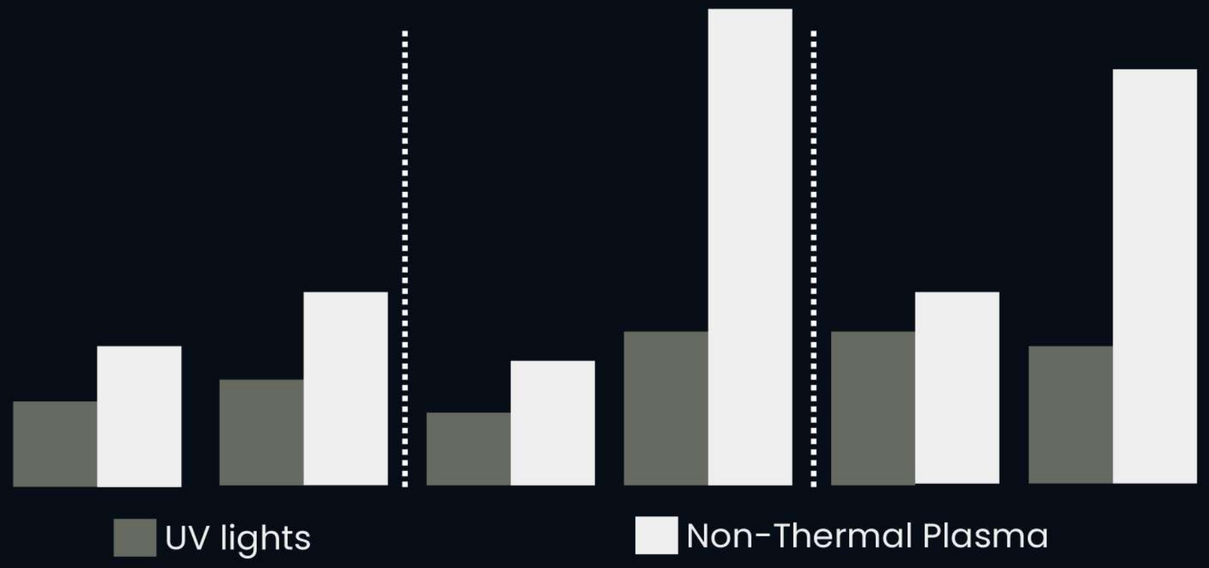
❌ Difficult to treat large volumes due to its design — UV light must “reach” contaminants to be effective. Limited pollutant breakdown and ineffective at preventing regrowth.

NON-THERMAL PLASMA:

✅ A flow-through process that treats water directly as it passes through the system. Effectively destroys pollutants at the molecular level and prevents regrowth.

NON-THERMAL PLASMA IS SUBSTANTIALLY MORE EFFICIENT THAN UV LIGHT FOR DISRUPTING STUBBORN BIOFILMS.

University of Chemistry and Technology, Prague



BACTERIA ELIMINATION.
1 WEEK EXPERIMENT

Tap water with
E. coli bacteria without treatment

Cavitation Non-Thermal Plasma™ **completely eliminated all microorganisms** demonstrating powerful

EFFECTIVENESS FOR REMOVING BACTERIA AND TREATING CONTAMINATED WATER.

Tap water with E. coli bacteria after Cavitation Non-Thermal Plasma™ treatment

CONTAMINANTS SEPARATION.
2 DAYS EXPERIMENT

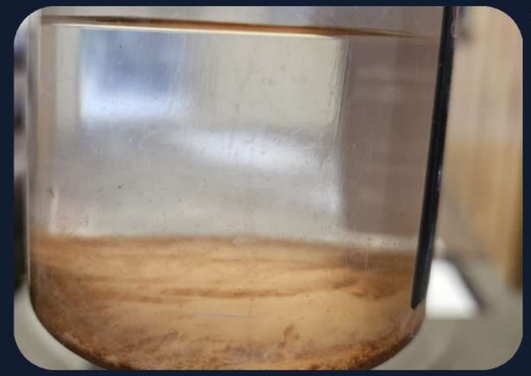
Clear glass with tap water

Clear glass with tap water
2 days later

Untreated tap water appeared “clean and safe”, but Cavitation Non-Thermal Plasma™ treatment revealed and

SEPARATED HIDDEN CONTAMINANTS, REDUCED TURBIDITY AND TDS LEVELS, AND SHOWED STRONG POTENTIAL FOR PFAS REMOVAL.

Tap water treated with
Cavitation Non-Thermal Plasma™



Tap water treated with
Cavitation Non-Thermal Plasma™
2 days later

APPLICATIONS & TOTAL ADRESSABLE MARKET

Pharmaceuticals
$3.03T
By 2033, with a CAGR of 6.15%

High Precision Electronics
$790B
By 2032, with a CAGR of 7.5%

Desalination
$45B
By 2032, with a CAGR of 9%

Agriculture
$20.63T
By 2029, with a CAGR of 7.4%

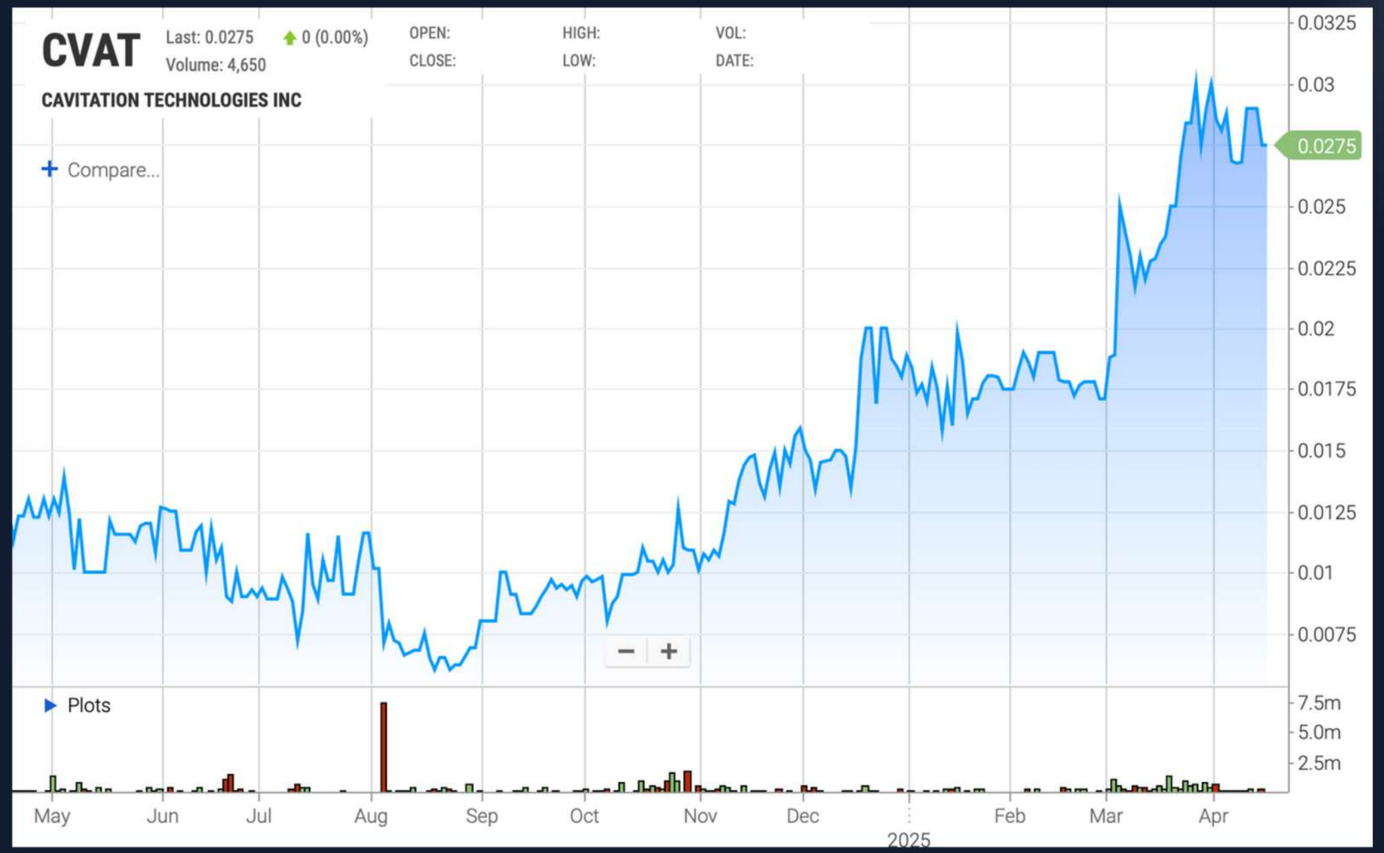
PFAS Removal
$52B
By 2034, with a CAGR of 5.19%

Industrial Water Treatment
$617B
By 2031, with a CAGR of 6.1%

THANK YOU!

Market Capitalization:
$8.24 MILLION

Shares Outstanding:
284.29 MM



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