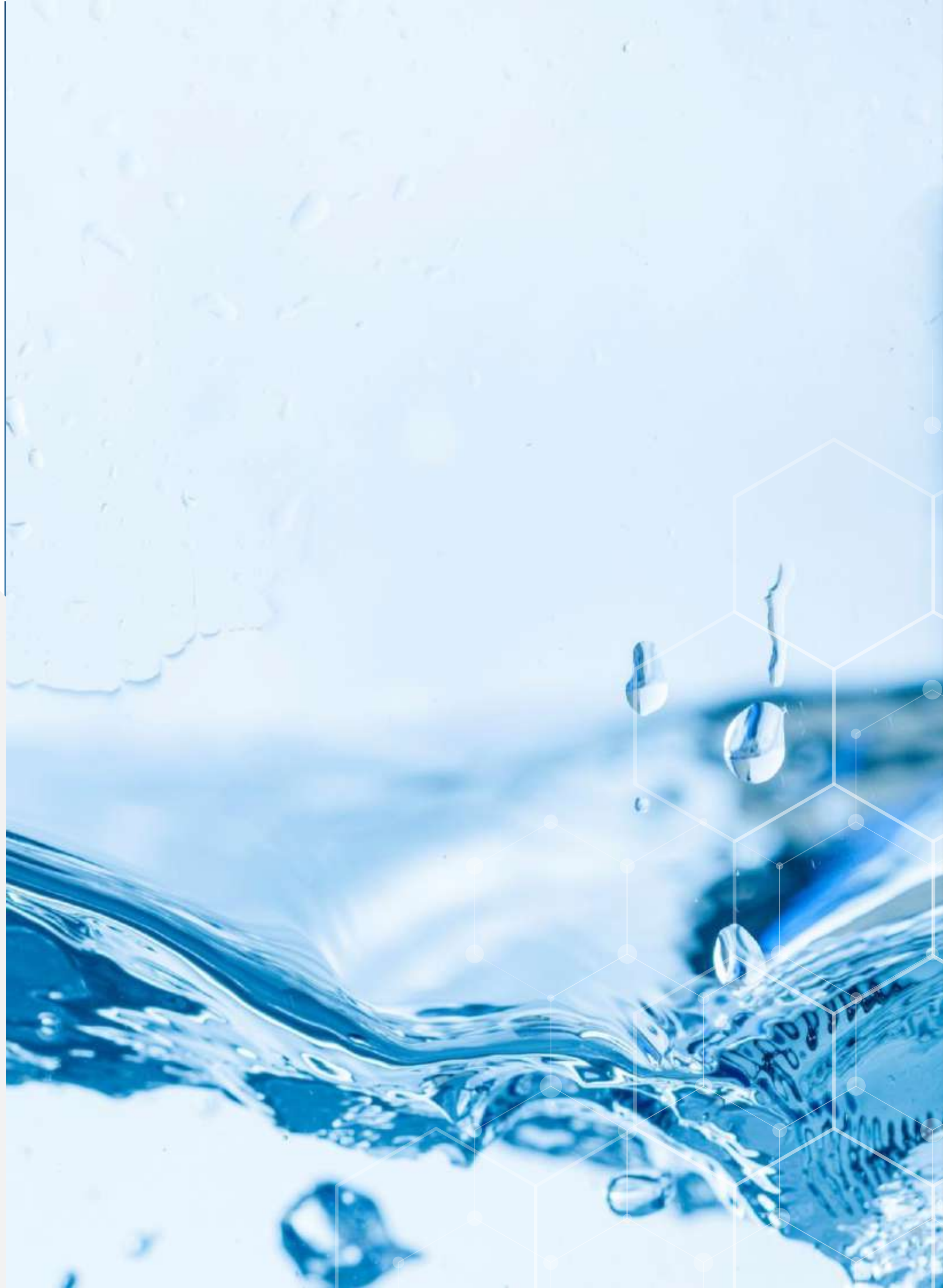
GRAFTA
Nanotech

INNOVATIVE GRAPHENE WATER REMEDIATION TECHNOLOGY

August 2026



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- Certain statements in this presentation constitute “forward-looking information” within the meaning of applicable Canadian securities legislation, including statements regarding the Company’s plans, objectives, expectations and intentions.
- Forward-looking information is based on the opinions and estimates of management as of August 2026 and is subject to a number of material assumptions, including assumptions regarding: the successful commercialization of GRAFTA™ products; the Company’s ability to scale production capacity at its Calgary facility; continued market demand for graphene-based water remediation solutions; the maintenance and development of strategic partnerships and customer adoption; the availability of financing on acceptable terms; the receipt and maintenance of all necessary regulatory approvals; the continued availability of raw materials at reasonable costs; product performance consistent with testing results; and the Company’s ability to execute its manufacturing and growth strategy.
- Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause actual results, performance or achievements to differ materially from those expressed or implied, including: risks related to early-stage commercialization; uncertainty of market acceptance and product demand; dependence on key personnel and strategic partners; fluctuations in raw-material costs; competition from alternative remediation technologies; changes in environmental regulations; risks associated with scaling manufacturing operations; the Company’s limited operating history and need for additional capital; general economic and market conditions; and other risk factors described in the Company’s public disclosure documents filed on SEDAR+.
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CORPORATE OVERVIEW

Grafta Nanotech Corp. ("Grafta") has developed a highly scalable process for producing synthetic graphene (GRAFTA™) targeting the $16 billion global water remediation market[1]

The exceptional absorption capabilities of GRAFTA™ allows the Company to offer a product that can remove heavy metals, dissolved minerals, hydrocarbons and oils, industrial contaminants and harmful chemicals from industrial wastewater

Proven, patented, low-cost, turn-key solution that targets remediation in industrial, mining, in situ and other environmental contaminated waters

GRAFTA™ is produced at our 2.5 tonne/day commercial Calgary facility (scaleable to 8T/day) and has undergone significant process testing and design to ensure production can be scaled to an industrial level to support future sales growth

As demand for GRAFTA™ continues to accelerate, Grafta will invest in the expansion of production capacity to support the emerging scale of supply required to support customer needs

Pro Forma Capital Structure

Ticker	TSXV: GFTA
Values shown in millions unless otherwise stated	
Share Price ($/sh.)	$0.20
Common Shares Outstanding	78.4
Options[1]	0.7
Warrants[2]	18.7
Fully Diluted Shares Outstanding[3]	78.4
Fully Diluted Market Cap.	**$15.7**
Debt[4]	$0.8
Cash	($2.2)
Enterprise Value	**$14.3**

(1) Weighted average strike price of $0.20
(2) Weighted average strike price of $0.30
(3) Calculated using the treasury stock method
(4) $0.8 million of lease liabilities

1) Source: Market Research Future

EXPERIENCED MANAGEMENT TEAM

Mark Bentsen
Chief Executive Officer

- 30 years of experience building successful energy service firms in both Public & Private corporate space
- Former President & CEO at Cathedral Energy Services
- Established track record of scaling businesses and delivering significant shareholder returns

Doug Keast CPA CA
Chief Financial Officer

- Over 30 years of experience working as a financial executive in various sectors including energy, technology, manufacturing, renewable energy, and private equity
- CFO/COO of both public and private entities
- Previously served as a director on multiple private high growth entities
- Multiple exits through M&A and public market

Dr. Edwin Safari, PhD, P.Eng,
Chief Scientific Officer

- Inventor of the GRAFTA™ material
- Technical visionary with decades of research & development experience
- Instrumental in refining GRAFTA™ to be a market ready product
- Significant academic affiliations with multiple universities

GRAPHENE: THE EVOLUTION OF CARBON MATERIALS

"The global graphene market size was valued at US$941 million in 2024 and is projected to grow to US**$15,570 million by 2034 exhibiting a CAGR of 36.6%**"(1)

A Nanotechnology Solution

- GRAFTA™ is a patented, engineered graphene nanotechnology that passively removes many of the most difficult to remove industrial contaminants that existing solutions struggle to remove in industrial, mining and ground waters

Graphene benefits are strength, hardness, conductivity, lubricity, adsorption and elasticity

1) *Source: Fortune Business Insights (link)*

WASTEWATER – AN INCREASING GLOBAL ISSUE

Clean Water: An Industrial Challenge

- Water is vital to life and industry
- Mining and industrial processes are significant contaminators of clean water supplies with a range of contaminants including:

Mercury
Arsenic
Cadmium

Selenium
Copper
Aluminum

Hydrocarbons
PCB's
Nitrates & Phosphates

- These contaminants impact in two major areas of concern:
  - Legacy issues from previous operations impacting groundwater supplies
  - Waters used in operating processes that have an increasing cost of remediation and disposal

DEVELOPMENT TIMELINE

Q3 2022

Private placement to acquire technology and construct Calgary commercial facility

Q2 2023

Calgary facility with 2.5T per day capacity commissioned with first production of GRAFTA™

Q3 2023 – Q2 2024

Manufacturing process testing, refinement and development of GRAFTA™ to support industrial scale production

Q3 2024

Commenced signing partnership agreements with solution providers

Q4 2024

Distribution and solution partnerships established with leading firms, such as Point of Use Resources, Milestone and Pinchin that will utilize GRAFTA™ in client solutions

Q1 2025

Finalized commercial sales and extensive pipeline development supporting growth for 2025 and beyond

Q3 2026

Grafta completed a reverse takeover (RTO) with Wittering Capital Corp.

2026 - 2027

Expand marketing and sales team for execution to grow partnerships and penetration into the North American market

THE TECHNOLOGY

Advanced Water Remediation Technology

- GRAFTA™ is a patented, synthetic graphene and graphene oxide nanotechnology
- Results indicate GRAFTA™ continues to adsorb the contaminants of concern after over 7,500 pore volumes equating to several months of longevity, significantly longer than any competing technology
- Producing GRAFTA™ products at Calgary plant since April 2023 and has developed and refined the industrial processes and produced over 60 tonnes of finished product

Adsorption Capacity

- GRAFTA™ at its nano scale has a massive theoretical specific surface area of approximately 2600 m^2/gram, ~ 4.3x larger than existing product (activated carbon)
- This incredible surface area provides an exceptional platform for adsorption of contaminant molecules such as metals, hydrocarbons, dissolved minerals and other harmful chemicals with near zero leaching

Microscopic image of Grafta's material showing the graphene layers

The Power of Graphene

- Graphene is a super element traditionally developed from mined graphite
- Graphene is the strongest material ever measured (100x - 300x stronger than steel), the best conductor of electricity and heat, and has exceptional adsorption capabilities

MANUFACTURING PROCESS – COMMERCIAL FACILITY

The patented production process of GRAFTA™ is a chemical process based around readily available source materials in a repeatable and scalable production process that supports growth and deployment directly for key markets

Raw Materials

Carbon Source

Recycled Glass

Silica

Mixing

Raw materials are combined and heated to prepare the base mixture

Baking

The base mixture of GRAFTA™ is baked to achieve graphitization

Grading

The finished GRAFTA™ is graded for applications

Distribution

Logistics are in place for distribution across North America

PRODUCT APPLICATION

Passive Contaminant Removal

- GRAFTA™ is a passive graphene nanotechnology with a massive specific surface area that adsorbs multiple contaminants simultaneously
- GRAFTA™ is a non-leaching technology that once used and filled with contaminated materials may be disposed in most circumstances in standard landfill increasing ease of disposal

Easily Integrates Into Existing Systems

- GRAFTA™ is highly versatile and can be implemented in a wide range of systems including standard pump and treat type systems as shown
- GRAFTA™ has been shown to remove a wider range of contaminants with a higher level of effectiveness and a longer operating lifetime than existing remediation technologies

A standard industrial Grafta system and GRAFTA™ particles (inset) comprising the contents

CASE STUDY: HYDROCARBON WASTEWATER

Performance at a Glance

- GRAFTA™ delivers **rapid, effective removal** of PHCs, BTEX, VOCs and PAHs
- Achieves **non-detectable or below-regulatory limits** in treated effluent
- **>99% removal efficiency** with **<10 minutes contact time**

Cooling Tower Test Results

- Bench-scale tests on hydrocarbon-contaminated cooling tower water:
  - PAHs and PHCs reduced to **non-detectable levels**
  - Performance **exceeded Canadian regulatory limits** for safe discharge

Fig 1. untreated waters flowing into the processing facility

Fig 2. sample of treated water post Grafta processing

MARKET OPPORTUNITIES

In Situ Risk Management

GRAFTA™ has applications for:

- Mitigating legacy risk through permeable reactive barriers that protect ground water quality
- Removing contaminants such as heavy metals, hydrocarbons and other industrial contaminants.

Industrial Wastewater Remediation

GRAFTA™ industrial applications are:

- Targeted on removing pollutants and toxins from industrial process water
- Facilitating extensive reuse and recycle of water back into industrial processes.
- Cost reduction for water management and remediation

Mining Wastewater Remediation

GRAFTA™ mine applications:

- Remove heavy metals, dissolved minerals and pollutants in-line for discharge quality end of cycle water
- GRAFTA™ 2.0 has been engineered to target selenium, nitrogen, zinc, copper and arsenic which are significant mining contaminants

INDUSTRY PARTNERS

Qualified Distribution and Solution Partners

Grafta has developed a number of significant partnerships with engineering and solution provider firms that significantly complement the growth strategy.

- Partner firms have extensive client relationships and numerous projects that GRAFTA can plug into and provide a unique solution for historically hard to remove contaminants
- Grafta provides marketing and sales support that allows these partner firms to provide enhanced solutions to their clients and uniquely position to acquire new clients
- Grafta's reach into markets is increased and accelerates product sales into existing projects, creating new opportunities for problems that were not previously solvable.

Company 1

- Engineering, environmental and remediation solutions primarily targeting Texas and Louisiana

Company 2

- A leading provider of environmental contracting services, water treatment and project management solutions across Canada

Company 3

- One of North America's premier environmental, engineering, building science, and health & safety consulting firms

INVESTMENT HIGHLIGHTS

Unique Patented Product

- GRAFTA™ is a patented, synthetic graphene product in an industry experiencing rapid growth
- Sustainable and scalable production method
- **Provides significant cost savings compared to existing solutions**

Low Capital-Intensive Business with Attractive ROIC

- Grafta has a low capital / high margin business with the ability to generate substantial free cashflow
- Potential to create liquidity for shareholders through dividends or an IPO

Highly Targeted Market Solutions

- Grafta provides a solution that outperforms current market options in at least three industrial sectors:
  - Industrial wastewater remediation
  - Mine tailings and wastewater remediation
  - In-situ and environmental water remediation

Scalable Competitive Advantage

- Nanoscale formulation provides exceptional absorption and retainment - 2.6 km^2 of surface area per Kg of product
- Contaminant retention ensure that the end product is easy and safe for disposal vs. competitors concentrated brine waste

GRAFTA Nanotech

TSX-V: GFTA

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IMPORTANT INFORMATION

General Information

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Readers are encouraged to review the Company's continuous disclosure filings, including its management's discussion and analysis, financial statements and annual information form, available on SEDAR+ at www.sedarplus.ca, for a complete description of the Company's business, operations and risk factors.

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