

## GRAFOID Inc. Investor Update

February, 2026

The 2025 calendar year marked the end of a transformation of Grafoid Inc. from a research and development company exploring the potential of nanomaterials, to a product company laser focused on the commercialization of three related products.

- **AUF:** Graphene-enhanced **A**dvanced **U**ltra**F**iltration membranes
- **PORTAGE:** Portable water purification system
- **REVOLUTION:** Residential grey water recycling system

Our small team is now squarely focused on bringing these products to market. We stand poised to make a significant impact with the introduction of our latest Portage water filtration system while at the same time designing and testing the Revolution Greywater recycling system.

The following is a review of our progress with these two products, and a discussion about the strategic partnerships we are nurturing to scale revenue in 2026.

### Purafy Portage

With the support of Inertia PD, we completed the build of our manufacturing prototype in early 2025.

Since then, we have secured an assembly and distribution relationship with Electromaax, the manufacturer of the energy recovery pump that is central to the desalination system in the Portage. This pump allowed us to reduce the energy required during desalination from 2,800 to under 500W.

In their role as our assembly partner, Electromaax has leveraged their expertise in the water maker space to drive significant material cost savings. That puts us in a good position to offer a market-leading value proposition. Together, we are building 10 units for longer-term testing, in-person demonstrations and sales.

Two of these units are already earmarked for Water Ambassadors Canada, who will deliver the Portage in two markets where water scarcity is a daily crisis. The first is a medical clinic in Matangwe, Kenya, and the second in Guajira, Columbia. It is an exciting and significant milestone to see our technology being deployed to help people where water is needed most.

We continue to grow and work our pipeline in military, remote communities, disaster response, and off-grid living to grow the Portage business in 2026.

## Purafy Revolution

The Purafy Revolution is a greywater recycling system that has been in development for several years. The time has come to bring our work out of the lab and into the market.

In 2025 we set a lofty goal - build a net zero water environment for a tiny home. Enabled through a strong partnership with Small Living Company, SLC, we have designed and pre-sold a Purafy Revolution for a tiny home in Ottawa, Ontario. Today, we are seeing consistent positive results from our prototype, and we are excited to put the device into real world use with a real customer in a beta test.

This first install will allow us to test the system components, its controls, and installation process with real world water quality and usage patterns. Once we've completed these real-world tests, we will design for manufacturing and begin a broad communication campaign to the many manufacturers, developers and consumers in the tiny home and off-grid space.

Choosing this path to market allowed us to focus on the technology and implement it in a mobile small home environment that is free from municipal regulations. That doesn't mean that we aren't going to be compliant to traditional regs, it just means we can move fast in the short term.

Early sales efforts revealed that the combination of off-grid water and affordable housing has identified some significant opportunities. Home builders that are challenged with either water scarcity or lack of access to traditional infrastructure can dramatically reduce water capacity in their projects.

This is playing out in a number of communities in our own back yard. Developers in Prince Edward County and Collingwood are restricted due to a lack of capacity in existing water infrastructure. Reducing the water consumption in each home by 60% means they can build 60% more homes! That's a massive benefit to the builder, and a small contribution towards curbing the housing crisis that's facing many Canadians and others around the world.

We are also thinking ahead to expansion in traditional residential environments. As water scarcity makes headlines across North America, and people start to look for every possible solution, we will offer a simple way to stop watering your lawn and flushing your toilets with

drinking water. But that's just the beginning. To make a real impact we plan to partner with progressive home builders to integrate greywater recycling systems in their properties from the start. That means that all the grey water can be recovered, processed and reused, maximizing the value of our technology and minimizing the water consumption.

It's not just the right thing to do. It's an emerging requirement for homeowners, municipalities and local leaders who live in communities threatened by increasing water scarcity.

## Leveraging the Power of Partnerships

We have established strategic partnerships as an efficient way to support our growth.

Product design has been supported by Inertia PD, Electromaax, and Small Living Company. We're building robust products at low cost that are fit for market.

Our assembly partner, Electromaax also manufactures the energy recovery pump in the Portage and have years of experience in manufacturing water makers for Marine customers. As the first units are being assembled at Electromaax, they will also distribute Portage through their existing sales channels. Electromaax also plan to offer Purafy graphene-enhanced advanced ultrafiltration membranes in their Marine products soon.

Our sales partnerships are many and growing, with Business Bridge Asia representing us in Asia, Water Ambassadors Canada in global humanitarian aid and Small Living Company in the tiny home channel. New sales partnerships are also emerging in the Caribbean and the Middle East.

De.Mem, who use our graphene oxide formulation to manufacture the graphene-enhanced advanced ultrafiltration membrane in Singapore are exploring options for Portage distribution in their region.

We are in talks with partners related to remote camps (fire, flood, military), military in the US, Canada, the UK and the Philippines, First Nations communities and the emergency rental businesses involved in disaster recovery. No stone unturned as they say.

As Canada invests in renewing global relationships and meeting spending commitments, we are putting our hand in the pile to help solve critical challenges in water safety, security and conservation both at home and abroad.

Our products will make a difference. It's up to us to get them to where water is needed the most.

## Financial

Capital markets are tight, and it's been difficult to bring in new equity investors for some time. Our financial results to date do not support a significant raise through institutional or other investors. We continue to pursue other non-dilutive sources of funds, and there are some new opportunities on the horizon.

As a result, we continue to focus on commercializing and selling the Portage, as purchase orders are the best way to fund the business and demonstrate value for future investment.

Audited financial statements are planned for later this year.

## In Summary

We're on the cusp of building a great company in the water conservation and purification market. We all have a vested interest in the success of Purafy and your influence could prove to be significant.

1. If you're interested in supporting the final stages of the Purafy journey by making an additional investment, please reach out directly to me.
2. If you have connections in your network that could align with Purafy as sales partners, investors, or other strategic relationships, referrals are always welcome.
3. Spread the word and amplify our messages on your social platforms. We're using LinkedIn and YouTube now and will start to use other platforms to get the word out.

I look forward to sharing updates more frequently through 2026 as we build momentum towards our ultimate goal: Doing good in the world, while building a great company at the same time.

Warm regards,

Chris Chapman  
CEO, Grafoid Inc.  
Purafy Clean Technologies Inc.