



PRESS RELEASE
For immediate release

H₂O Innovation Sells Eco-Friendly Antiscalants to Over 25 Desalination Plants

Quebec City, March 25, 2024 – H₂O Innovation Inc. (“H₂O Innovation” or the “Corporation”) is proud to announce that it has sold its super-concentrated antiscalants with reduced CO₂ footprint to over 25 desalination plants, including 7 mega plants, around the world since 2021.

Significant increases in transportation and shipping costs worldwide, combined with customer expectations for more sustainable products are few reasons pushing clients to look for better solutions. Two H₂O Innovation antiscalants are leading the way with greener solutions. SpectraGuard™ 111, an eleven times concentrated dendrimer-based non-phosphonate antiscalant, and SpectraGuard™ 311, an eight times concentrated blend of polymer and phosphonate both offer better solutions than typical antiscalants. Both demonstrate significant improvement in transport efficiency, storage capacity, inventory control, and packaging, reducing not only cost, but also associated CO₂ emissions. These products also exhibit outstanding scale inhibition performance and reduced dose rates compared to current formulations.

H₂O Innovation’s environmental consultant Circular Carbon ran a life cycle assessment (LCA) on SpectraGuard™ 111, demonstrating savings of up to 1,647 kg of CO₂ emission per 1,000-liter tote of product, based on reduced fuel consumption from the freight savings. A single tote of product represents savings equivalent to the carbon footprint of driving an average gasoline-powered passenger vehicle over 4,200 kilometres.

Moreover, in line with its ESG objectives and its desire to contribute to the United Nations’s Sustainable Development Goals, H₂O Innovation continuously implements ways of effecting positive change on the environment. For instance, the Corporation is committed to plant trees through its partnership with One Tree Planted, an environmental non-profit organization, for every purchase of its dendrimer-based antiscalants. Since the beginning of this partnership, H₂O Innovation contributed in four projects around the globe.

“Global freight costs are continuously rising, the cost of plastic packaging is increasing, and the growing impact of waste plastics on the environment remains a pressing concern. Assessing the carbon footprint of our activities is a way to ensure that our customers are confident that they are making the right choice for the environment, the best technical solution for their operations, and the most interesting choice for optimizing their financial investment,” **stated Frédéric Dugré, President, Chief Executive Officer and co-Founder of H₂O Innovation.**

About H₂O Innovation

Innovation is in our name, and it is what drives the organization. H₂O Innovation is a complete water solutions company focused on providing best-in-class technologies and services to its customers. The Corporation’s activities rely on three pillars: (i) Water Technologies & Services (WTS) applies membrane technologies and engineering expertise to deliver equipment and services to municipal and



industrial water, wastewater, and water reuse customers, (ii) Specialty Products (SP) is a set of businesses that manufacture and supply a complete line of specialty chemicals, consumables and engineered products for the global water treatment industry, and (iii) Operation & Maintenance (O&M) provides contract operations and associated services for water and wastewater treatment systems. Through innovation, we strive to simplify water. For more information, visit www.h2oinnovation.com.

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Source:

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