

March 9, 2022

Clean TeQ Water subsidiary NematiQ achieves Commercial Scale Manufacturing of Graphene Membrane

MELBOURNE, Australia – Clean TeQ Water Limited (**'Clean TeQ Water'** or **'Company'**) (ASX: CNQ & OTCQX: CNQQF) is pleased to provide an update on the progress of our Graphene Membrane technology by our 100% owned subsidiary, NematiQ Pty Ltd (**NematiQ**).

Key Highlights

- Over the past 5 years, NematiQ has developed and proven a patented and innovative layer-by-layer methodology to produce a Graphene Membrane.
- NematiQ has now achieved a major milestone by producing over 1,000m of 1,000mm wide flat sheet Graphene Membrane, at speed, on an industrial roll-to-roll coating machine, confirming our ability to manufacture Graphene Membrane at commercial scale.
- The Graphene Membrane has achieved the benchmarks for permeance and rejection, confirming the energy efficient nanofiltration membrane removes contaminants such as dissolved organics.
- The Graphene Membranes will now be converted into spiral wound cartridges. These cartridges (1812, 0.6m² membrane; 4040, 7.6m² membrane; 8040, 37m² membrane) will be incorporated into demonstration treatment plants, the final step before commercial sales of the membranes can begin.

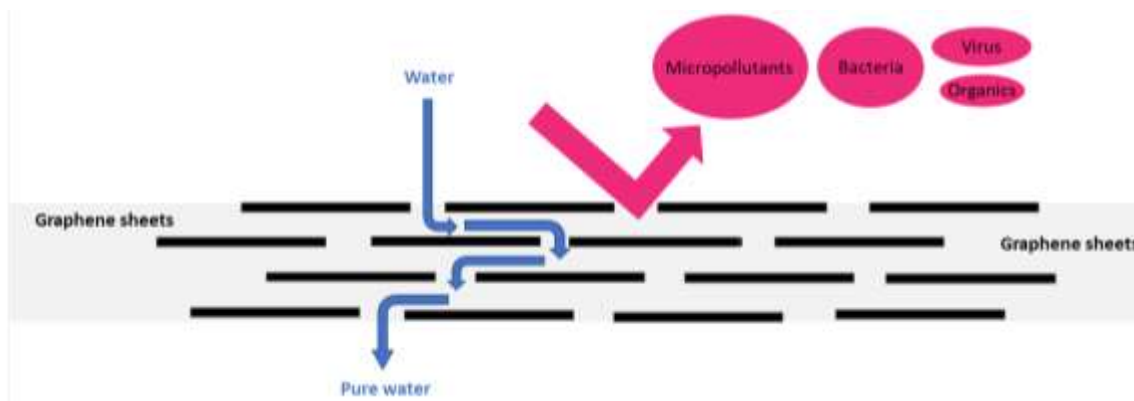
The global market for membrane-based water filtration, including micro, ultra, nano and reverse osmosis, is estimated at more than USD\$18 billion annually and the addressable market for Graphene Membranes is estimated at USD\$5 billion. Over the years, Clean TeQ Water has invested significant funds in developing a Graphene Membrane for this highly lucrative membrane market.

TIMELINE



The development pathway has led to the current stage where we are ready to enter the demonstration and marketing phases.

Direct Graphene Membrane nanofiltration technology is a giant leap forward in producing pure and affordable water. Graphene Membranes are designed to remove bacteria, virus and dissolved organic compounds without removing the salts (see schematic below). Some of the many benefits of the Graphene Membrane include less energy use, high water recovery and less by-product. Graphene Membranes also have superior anti-fouling properties and so use considerably less chemicals to clean than the commonly used polymeric membranes.



Schematic of Graphene Membrane: The filtration size of the membrane is the distance between graphene sheets which is tuneable for different applications.

Graphene Membrane nanofiltration has potential applications in many areas of water and wastewater treatment and industrial separations, including treatment of water for drinking, pre-treating seawater prior to desalination, recycling of grey water, treatment of municipal and industrial water for reuse and for separation of high value products, for example, in the food and pharmaceuticals industries.

Demonstration of Graphene Membrane technology is now underway using 1812 cartridge systems in different potential treatment plants around Australia, that readily provide information on the suitability of the membrane for the application.



Demonstration plant using 4040 and 8040 cartridges is expected to begin in May 2022. Further production runs of the Graphene Membrane are scheduled to occur in April and June 2022. Once the pilots are concluded NematiQ will commence marketing and sales of its membranes which is expected to be a combination of direct sales of membranes modules and systems plus selected commercial and distribution partnerships. For more information see www.nematiq.com.

For more information, please contact:

Willem Vriesendorp

CEO and Investor Relations

+61 3 9797 6700

Email: info@cleanteqwater.com

Website: www.cleanteqwater.com

This announcement is authorised for release to the market by the Board of Directors of Clean TeQ Water Limited.

About Clean TeQ Water Limited (ASX: CNQ) – Based in Melbourne, Australia, Clean TeQ Water provides innovative metals recovery and water treatment solutions for governments and companies. Our sectors of focus include municipal wastewater, surface water, industrial wastewater and mining wastewater. Clean TeQ Water has offices in Melbourne, Perth, Beijing and Tianjin, and partners in Africa and Latin America. We provide turnkey metals recovery and water treatment plants everywhere in the world.

For more information about Clean TeQ Water please visit www.cleanteqwater.com.

FORWARD-LOOKING STATEMENTS

Certain statements in this news release constitute “forward-looking statements” or “forward-looking information” within the meaning of applicable securities laws. Such statements involve known and unknown risks, uncertainties and other factors, which may cause actual results, performance or achievements of the Company or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements or information. Such statements can be identified using words such as “may”, “would”, “could”, “will”, “intend”, “expect”, “believe”, “plan”, “anticipate”, “estimate”, “scheduled”, “forecast”, “predict” and other similar terminology, or state that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved. These statements reflect the Company’s current expectations regarding future events, performance, and results, and speak only as of the date of this new release. Readers are cautioned not to place undue reliance on forward-looking information or statements.

Although the forward-looking statements contained in this news release are based upon what management of the Company believes are reasonable assumptions, the Company cannot assure investors that actual results will be consistent with these forward-looking statements. These forward-looking statements are made as of the date of this news release and are expressly qualified in their entirety by this cautionary statement. Subject to applicable securities laws, the Company does not assume any obligation to update or revise the forward-looking statements contained herein to reflect events or circumstances occurring after the date of this news release.