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ASX Announcements

4th Floor

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PurifloH enters a Non-Binding Heads of Agreement with Osmoflo for improved water treatment applications

PurifloH Limited (“PurifloH”, “PO3” or the “Company”) is pleased to announce it has executed a non-binding Heads of Agreement (“Agreement”) with Osmoflo Water Management Pty Ltd (“Osmoflo”).

Osmoflo is a global desalination and water treatment company, wholly owned by Hitachi Zosen Corporation of Japan. It has a sophisticated R&D centre at its factory in Burton SA – “The Edge” – to provide effective future solutions to its global customer base. www.osmoflo.com

The Agreement provides for collaboration between PurifloH and Osmoflo to undertake work seeking to reduce the presence of biologic and chemical contaminants in water through:

- a) Testing of the PO3 Technology within the Osmoflo ‘Edge’ R&D facility;
- b) Evaluation of the test results in the context of industrial water treatment applications including, but not limited to:
 - o the pre-treatment of source water for Reverse Osmosis (“RO”) plants to minimise biofouling of RO membranes; and
 - o the disinfection of treated wastewater.
- c) Subject to satisfactory results, development of potential commercial opportunities for the subsequent deployment of the PO3 technology.

The Heads of Agreement will last through the duration of the planned testwork. The nature of R&D is uncertain and whilst PurifloH expects meaningful and initial results to be achieved within 3 months, testwork outcomes may require further verification or may lead to additional agreed fields of research.

The parties will:

- a) Co-operate in designing and planning the testing and evaluation project;
- b) Provide reasonable levels of resources to plan, prepare and conduct the project; and
- c) Obtain verified, independent test results as agreed.

The research costs to PurifloH are not material but the Company will be dedicating a suitable research scientist to the exercise who will have technical support from suitable personnel at Somnio Global of Detroit.

PurifloH has submitted to Osmoflo the expected benefits of its FRG Technology which it expects to show the

rapid elimination of biological and chemical contaminants in water. Consequently, Purifloh believes the benefits of the FRG system to RO and industrial waste-water systems will include:

- No hazardous chemical residue from the process;
- No consumables – all rapid acting and short living biocides are produced in-situ;
- A simple one stage process to result in durable and low maintenance RO equipment;
- Portable and easily scaleable.

Purifloh's Director, Mr Jon Evans, said *"We are thrilled that our technology has been able to attract the interest of leaders in their fields such as Aspen Medical and now Osmoflo, a global leader in the industrial water sector with proven R&D Capabilities. Osmoflo completed an initial and careful assessment of our technology prior to partnering with us. We look forward to commencing our work to validate the proof of concept prior to moving towards commercial application. Project design has already commenced with testing to optimise our prototype performance to begin within the next month"*

Approved for release by the Board of Purifloh Limited

-ENDS-

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About Purifloh

Purifloh develops, manufactures and markets proprietary air, surface, and water treatment solutions based on its portable and carbon friendly Free Radical Generator (FRG) technology.

Purifloh's point-of-use biological and chemical decontamination products provide powerful, yet safe, reliable, residue-free and portable disinfection solutions directly to homes, hotels, hospital wards and beyond. The inherent safety of fast decomposing free radicals without heat production, or hazardous by products allows Purifloh's portable devices to be used virtually anywhere, bringing low carbon disinfection processes onsite.

About Osmoflo

Osmoflo is a global desalination and water treatment company with presence across Australia, the Middle East, India and Asia. Osmoflo offers international coverage of its world class capabilities in delivering water treatment solutions. Its plants are located around the world at remote mine sites, oil & gas fields, power stations, city breweries, townships and coal seam gas fields - wherever there's a need for drinking, process, high purity or recycled water.