

Clean TeQ achieves successful customer acceptance of world first CIF® plant in Oman

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MELBOURNE, Nov. 11, 2019 - [Clean TeQ Holdings Ltd.](#) (Clean TeQ or Company) (ASX/TSX:CLQ; OTCQX:CTEQF) announces the successful customer acceptance of commissioning and handover of a ground-breaking Continuous Ionic Filtration (CIF®) plant in Oman.

Sam Riggall, Clean TeQ CEO, stated, *“Achieving successful customer acceptance of commissioning and handover of the world’s first ever commercial scale CIF® plant for this application is a moment of great significance for Clean TeQ. Confirmation from the customer that the plant is performing to expectations is strong validation of our proprietary continuous ion exchange technology. It is also excellent demonstration of the capability of our team in designing, constructing and commissioning effective, tailored industrial water purification and metal extraction systems. We will be seeking to maximise the leverage of this success to continue to grow our business.”*

Clean TeQ was engaged by Multotec, the Company’s sales and delivery partner in Africa, under a design, procure and construct contract to deliver a waste water treatment system at an antimony processing facility in Oman. The CIF® plant, utilising the Company’s proprietary continuous ion-exchange technology, is designed to remove a range of deleterious elements from up to 200 tons of waste water per day. By treating the waste, the customer is able to recycle a significant proportion of the water for re-use in their processing plant, rather than disposing of it. This provides a valuable cost saving for the customer in a geographic location where water is relatively scarce. Recycling the water also results in environmental benefits by significantly reducing the volume of waste which would otherwise need to be disposed.

The plant consists of a number of precipitation steps to remove antimony, arsenic and hardness, followed by Clean TeQ’s proprietary two stage CIF® system to extract calcium and magnesium sulphate plus any remaining heavy metals, followed by reverse osmosis to desalinate the water and prepare it for re-use.

Clean TeQ has received formal notification from the customer that the plant has been successfully commissioned on waste water. Accordingly, Clean TeQ has now officially handed over the plant to the customer, who is now responsible for progressing the remaining commissioning and ongoing operational processes.

Achieving customer acceptance of commissioning and handover of the plant demonstrates the effectiveness of the Company’s proprietary technology as well as the capability of the Clean TeQ Water team. The plant was custom designed by Clean TeQ engineers in Melbourne, Australia, to meet the water treatment specifications required by the customer. CIF® plant fabrication, procurement and delivery was undertaken by Company personnel primarily based in Beijing. Equipment erection and installation was undertaken by a local construction contractor under supervision of Clean TeQ and Multotec.

Clean TeQ Water is now focused on completing two additional key projects at the Fosterville Gold Mine in Victoria, Australia and at a copper-cobalt mine in the DRC. These two Clean TeQ systems, as well as the plant recently completed in Oman, are the first of their type anywhere in the world and have been deployed as part of three different technical solutions. The successful delivery and commissioning of these three plants will provide strong demonstration of the efficacy of Clean TeQ’s suite of proprietary ion exchange technologies and their versatility for metal extraction and waste water treatment. As commercial scale plants, the facilities provide a valuable platform from which to rapidly grow Clean TeQ Water.

For more information, please contact:
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About Clean TeQ Holdings Limited (ASX/TSX: CLQ) – Based in Melbourne, Australia, Clean TeQ is a

global leader in metals recovery and industrial water treatment through the application of its proprietary Clean-iX® continuous ion exchange technology. For more information about Clean TeQ please visit the Company's website www.cleanteq.com.

About the Clean TeQ Sunrise Project – Clean TeQ is the 100% owner of the Clean TeQ Sunrise Project, located in New South Wales. Clean TeQ Sunrise is one of the largest cobalt deposits outside of Africa, and one of the largest and highest-grade accumulations of scandium ever discovered.

About Clean TeQ Water – Through its wholly owned subsidiary Clean TeQ Water, Clean TeQ is also providing innovative wastewater treatment solutions for removing hardness, desalination, nutrient removal, zero liquid discharge. The sectors of focus include municipal wastewater, surface water, industrial waste water and mining waste water. 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, Clean TeQ Water, 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 by the use of 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.

Statements in this news release that constitute forward-looking statements or information include, but are not limited to statements regarding: the cost effectiveness of Clean TeQ's CIF® process and its ability to remove hardness from high saline brines, substantially improve the efficiency of existing or new membrane systems and substantially reduce a plant's net water use; that the market for applications of this technology is very large; and that the Company will expand its marketing and technology demonstration campaign. Readers are cautioned that actual results may vary from those presented. All such forward-looking information and statements are based on certain assumptions and analyses made by Clean TeQ's management in light of their experience and perception of historical trends, current conditions and expected future developments, as well as other factors management believe are appropriate in the circumstances. These statements, however, are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking information or statements including, but not limited to, unexpected changes in laws, rules or regulations, or their enforcement by applicable authorities; the failure of parties to contracts to perform as agreed; changes in commodity prices; unexpected failure or inadequacy of infrastructure, or delays in the development of infrastructure, and the failure of exploration programs or other studies to deliver anticipated results or results that would justify and support continued studies, development or operations. Other important factors that could cause actual results to differ from these forward-looking statements also include those described under the heading "Risk Factors" in the Company's most recently filed Annual Information Form available under its profile on SEDAR at www.sedar.com.

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.

Photos accompanying this announcement are available at:

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