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Company Announcements
Office ASX Limited
Level 4, 20 Bridge Street
Sydney NSW 2000

EGL WATER TO COMMENCE COMMERCIAL PFAS TRIAL

The Environmental Group Limited (EGL) is pleased to announce that following successful PFAS separation and concentration trials with Victoria University at a pilot plant level, EGL Water is undertaking a commercial trial with Reclaim Waste at their EPA licensed facility.

The trials with Victoria University have enabled EGL to finalise the inputs into the treatment system to successfully separate PFAS from the liquid waste stream. The results exceeded expectations with samples of effluent 12-17 removing between 99.4% and 100% of regulated PFAS in the treatment process. This unique technology was developed and created as a direct benefit of the research partnership between Victoria University and EGL over the course of the last 2 years.

After 2 years of pilot trials building the understanding and refining the separation process the excellent results achieved have given EGL the confidence to move forward to the commercialisation stage of the process. A trial plant capable of treating 50,000 litres per day will be mobilized to Reclaim Waste in the coming weeks for the trial to commence following the EPA licence being granted. Each batch processed will be laboratory tested and certified as to the effectiveness of the process on significant volumes of PFAS contaminated liquid waste.

If the separation process is successful in removing regulated PFAS below the required levels EGL will use its own in-house design, drafting and engineering services to fabricate its first commercial plant.

EGL's Chief Executive Officer Mr Jason Dixon said "this is a very exciting time for the company to have its patented technology reach a true commercial phase after many years of research by its dedicated staff. We believe there is a significant market for the technology and the recent appointment of Mr Paul Gaskett will greatly assist us in developing this opportunity."

EGL water's PFAS separation and concentration technology is a viable solution for treating PFAS contaminated ground water, surface water and wastewater in the current trial. Research and development will continue into the treatment of PFAS contaminated soils with trials currently underway with Victoria University providing encouraging results. The technology's versatility positions it in the market as a universal tool for the environmental remediation of PFAS contaminated sites.

EGL'S PFAS OPPORTUNITY

Per- and polyfluoroalkyl substances (PFAS) are a group of man-made chemicals that includes PFOA, PFOS, GenX, and many other chemicals. PFAS have been manufactured and used in a variety of industries around the globe, including in the United States since the 1940s. PFOA and PFOS have been the most extensively produced and studied of these chemicals. Both chemicals are very persistent in the environment and in the human body – meaning they don't break down and they can accumulate over time. There is evidence that exposure to PFAS can lead to adverse human health effects. 1.<https://www.epa.gov/pfas/basic-information-pfas>

Historically PFAS has been widely used in food packaging, commercial household products, including stain- and water-repellent fabrics, non-stick products (e.g., Teflon), polishes, waxes, paints, cleaning products, and fire-fighting foams (a major source of groundwater contamination at airports and military bases where firefighting training occurs). PFAS has also been used by industries such as chrome plating, electronics manufacturing, and oil recovery, hence the prevalence in the environment.

The PFAS treatment market is a rapidly growing area driven by increasing environmental regulation as evidence emerges of the extent and toxic nature of PFAS substances in the environment and on human health. EGL believes that these regulations are driving a market need to remediate legacy sites ahead of redevelopment, as well as for the rehabilitation of active sites and those that impact human use such as agricultural applications, water ways, residential developments, nature reserves and recreational areas.

The separation of PFAS from both water and soil is a key step in removing the substance from contaminated area's and preventing further risks to health and the environment.

This announcement has been authorised for release by the Board.

For further information, please contact:

Stephen Strubel
Joint Company Secretary
The Environmental Group Limited

About EGL

EGL has five business units, all committed to the protection of the environment by improving air quality, reducing carbon emissions, enhancing waste treatment, and lifting water quality.

- **Total Air Pollution Control** has a range of technologies which reduce dust, odours and harmful gasses from the environment.
- **Baltec IES** produces inlet and exhaust systems for gas turbines, which are used to complement and augment solar and wind energy production, without the use of rare mineral battery resources.
- **Tomlinson Energy Service** offers a network of service offices across Australia providing 24/7 service, maintenance and repairs of both proprietary equipment and other OEM equipment. The division also provides an essential link in our strategy to build a bio/waste to energy platform.
- **EGL Water** division continues to develop our patented technologies in conjunction with Victoria University. EGL recognises that one of the world's most valuable assets is water and will persist in our vision to reduce water pollution, leading to an improved environment, through low-cost technology solutions.
- **EGL Waste Services** provides the sales and services platform for the exclusive Turmec Agency agreement in Australia, Turmec are specialists in recycling solutions for the global waste industry, providing bespoke systems that enable their customers to efficiently recover high-quality material from waste, reducing the need for landfills.