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

## **Total Air Pollution Control (TAPC) secures \$17.8M Contract with Yangibana Rare Earths Project**

The Environmental Group Limited (ASX:EGL) is pleased to announce the award of the contract for the supply portion of the Hastings Technology Metals Ltd (ASX:HAS) emission control system for the refinery to be built for the Yangibana Rare Earths Project in Onslow, Western Australia (“Yangibana Project”).

### **Key highlights of the contract:**

- Contract award fixed price \$17.8M
- Emissions control system fabricated by Q1 2024, to support the plant commissioning date.
- The emissions control system is designed to scrub the harmful gases, including sulphur dioxide, with caustic treatment. A Dual Alkali plant is associated to the emissions control system to recover the caustic thereby minimising the operational costs.
- The emissions control system for the Acid-Bake Rotary Kiln will be at best practice environmental standards.

### **About the emissions control system**

TAPC, a wholly owned subsidiary of EGL, designed a state-of-the-art emissions control system using gas scrubbers to treat the off-gases generated by the Yangibana Project’s rotary kiln minimizing the environmental impact as stage one of the project, awarded in 2019. The award of stage two now confirms the supply contract. The off-gas scrubbing system will be a core element of the hydrometallurgical processing plant, allowing the plant to operate and meet stringent air emission limits. The process design of the scrubbing system is based on multiple gas conditioning and treatment stages to address different contaminants and focuses on providing a robust process train with the high level of reliability required for a critical area of the mineral refining process.

EGL's Chief Executive Officer Mr Jason Dixon said "after working together with Hastings for several years on the engineering of this complex scrubbing plant, we are very pleased to have been able to develop a solution tailored to meet our client's needs. Our engineering team has already commenced increasing resources to ensure we deliver this unique project on time and on budget to our client."

EGL Board Chair Ms Lynn Richardson stated that "the award of this contract confirms EGL's leadership within this space and is testament to the work undertaken by EGL's team of specialists, bringing together expertise from across the company to formulate a tailored solutions for our clients".

### **About the project**

The Yangibana Project is a significant Australian Rare Earths Yangibana Project, containing substantial Neodymium and Praseodymium resources. The Yangibana Project is in the Gascoyne region of Western Australia, some 250 kilometres northeast of Carnarvon and covers approximately 650 square kilometres.

The Yangibana Project has a 27month construction timeline from commencement of main construction contract in Q3 2022. Once completed production and sales will occur over approximately 15 years and total 194,000 tonnes of Mixed Rare Earth Carbonate (MERC). Sales will commence in 2025 for MERC, with steady state sales reaching approximately 15,000 tpa by 2026.

This announcement has been authorised by the Board.

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Company Secretary & Chief Financial Officer.

The Environmental Group Limit

## 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.
- **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.