



BPH GLOBAL LTD
ACN 009 104 330

14 October 2025

Company Announcements Platform
Australian Securities Exchange

Seaweed Sampling Commences for Gold, Silver & Rare Earth Elements Essays – Johor Strait Sites Selected

Highlights

- **Two new sample batches of naturally growing seaweed provided to Marchwood Laboratory Services Pte Ltd (MLS) under the existing Master Services Agreement (ASX announcement 4 September 2025).**
- **Samples collected from the eastern and western ends of the Johor Strait, a brackish waterway separating Singapore and Malaysia characterised by both industrial activity and heavy maritime traffic.**
- **Marchwood to conduct assays on each batch for four target minerals (gold, silver, copper, and nickel) and four rare earth elements (REEs) – Lanthanum (La), Terbium (Tb), Yttrium (Y), and Neodymium (Nd).**
- **The study will evaluate mineral and REE concentrations in seaweed from environmentally influenced waters, building on prior results that demonstrated seaweed's capacity to bio-accumulate minerals in proportion to environmental contamination.**
- **Assay results are expected within 5–7 business days of sample receipt.**

The Board of BPH Global Ltd (**ASX: BP8**) (**BP8** or **Company**) a leading commercial seaweed research development and export Company, is pleased to announce that, pursuant to its Master Services Agreement with Marchwood Laboratory Services Pte Ltd (MLS) announced on [4 September 2025](#), the Company has supplied two new sample batches of naturally growing seaweed for analysis.

Commenting on the new sampling, BP8 Chairman Paul Stephenson said: "This latest phase of our collaboration with Marchwood is designed to deepen our understanding of how naturally occurring seaweed responds to environmental mineral loads. By comparing samples from different sections of the Johor Strait, we aim to quantify how industrial and maritime activity influences metal and rare earth accumulation. The data will directly inform our ongoing work in developing scalable, seaweed-based solutions for mineral recovery and environmental remediation."

The samples were collected from the eastern and western ends of the Johor Strait, which separates Singapore from Malaysia. The Johor Strait is a brackish marine environment influenced by both oceanic and freshwater inflows and is bordered by areas of industrial development and active maritime transport, providing a representative cross-section of environmental conditions for the study. These contrasting sites allow BP8 to examine variations in mineral uptake between seaweed exposed to differing anthropogenic influences.

As disclosed previously, MLS will conduct detailed mass-spectrometry assays on these seaweed batches to determine concentrations of four minerals — gold, silver, copper, and nickel — and four rare earth elements (REEs) — Lanthanum (La), Terbium (Tb), Yttrium (Y), and Neodymium (Nd). Assay results are expected to be available within 5–7 business days of receipt of the samples by MLS.

The results of BP8's earlier analyses supported the Company's working hypothesis that seaweed acts as a natural "sponge", absorbing higher concentrations of minerals and metals when growing in polluted or mineral-rich waters compared with specimens from pristine environments. These new assays are expected to provide further data correlating environmental conditions and elemental uptake, reinforcing the potential of seaweed as a biological tool for critical mineral recovery and bioremediation applications.

The Company will report to the market upon receipt of the assay results from Marchwood Laboratory Services.

About Marchwood Laboratory Services (MLS)

Marchwood Laboratory Services Pte Ltd is a Singapore-based professional analytical laboratory accredited by SAC-SINGLAS under ISO 17025. Equipped with advanced ICP-MS (Inductively Coupled Plasma Mass Spectrometry) technology and operating under USEPA standards, MLS provides high-precision analysis for rare earth elements, precious metals, and critical minerals.

– ENDS –

Authorised for release by:
The Board of BPH Global Ltd

For further information, please visit our website at www.bp8global.com or contact the Company Secretary on 03 9088 2049.