



CHEMSAIN

## CHEMAQUOUS

Chemsain Water Infrastructure is powered at its core by the CHEMAQUOUS Membrane Filtration System - an advanced ultrafiltration membrane; specifically developed, engineered and tooled for various tropical water sources in Malaysia from surface, peat, brackish and groundwater. The CHEMAQUOUS technology has years of proven field application serving in excess of 100,000 consumers located in peat and non-peat water sources.

### What is **CHEMAQUOUS** ?

- CHEMAQUOUS technology is a suite of membrane-based water treatment technologies in the filtration and treatment of water, primarily for potable and drinking water.
- In a given water supply needs, Chemsain's CHEMAQUOUS technology operates using either "Ultra-filtration Membrane" (or UF) unit alone or in combination with 'Reversed Osmosis Membrane" (or RO) unit together. In a complete setup, CHEMAQUOUS technology suite produces regulatory compliant product water for potable or drinking water.
- Chemsain's RO unit is used when desalination is required, that is when the source water is from brackish stream or open sea sources. In other type of water sources, UF unit is used as the main treatment technology without the need for RO unit.
- Chemsain's CHEMAQUOUS technology can be used in most of the water sources types in Malaysia, subject to detailed water sources and water quality assessment.

#### Contact Us:

✉ [enquiries@chemsain.com](mailto:enquiries@chemsain.com)

🌐 [www.chemsain.com](http://www.chemsain.com)

**CHEMSAIN**

