

CASE STUDY

Surface Water Treatment for Potable Water Use



**Background**

The Sungai Kepong river is a vital source of water for its surrounding region. In this particular water treatment plant, the river water is being treated for potable use and therefore strict requirements are adopted for its processes as well as the efficacy and quality of the equipment and products being used, so as to protect the end-users' health and well-being.

**Solution**

EuroTec UF membrane modules are NSF certified, a key validation of its product quality in terms of its suitability (pertaining to its component material, design, etc) for use in potable water treatment processes. Moreover, the ET UF membrane is an excellent barrier against suspended solids, viruses and bacteria (such as Cryptosporidium and Giardia, which are causes of gastrointestinal illnesses commonly found in water), making it ideal as part of the process for this application.

Plant Location: Malaysia

Water Source: Surface Water

Application: Potable Water

Operational Start Date: 2007

Replacement to EuroTec UF: 2021

UF Capacity: 2,760 m<sup>3</sup>/d (System 1)

ETUF Module: ETUF-9060F

No. of Modules: 56

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