



ULTRAFILTRATION SYSTEMS

Total Eden Engineering conducts detailed water analysis at the source, so we can design and construct tailor-made turn key ultrafiltration systems, achieving the optimum output for our clients.

Ultrafiltration is a procedure where a semipermeable membrane is used to purify water as a tertiary treatment.

Water is made to pass through the membrane at pressure. The sizing of the membrane means only clean water can pass, therefore, removing all

particles such as metals and other bacteria. This achieves a high-quality water output.

Each system is specifically designed for the clients' needs with the membranes permeability sized in accordance to the water quality - membranes can be sized between 0.001 to 1.0 microns.

BENEFITS OF A TOTAL EDEN ENGINEERING UF SYSTEM

Low energy consumption

Can operate at low and high pressure

UF systems are simple and compact

Highly economical

Environmentally-friendly

Purpose built and containerised systems available

UF membranes are available in various sizes