

# South Horizons Plumbing & Electrical Company Ltd

## 海怡水電工程有限公司

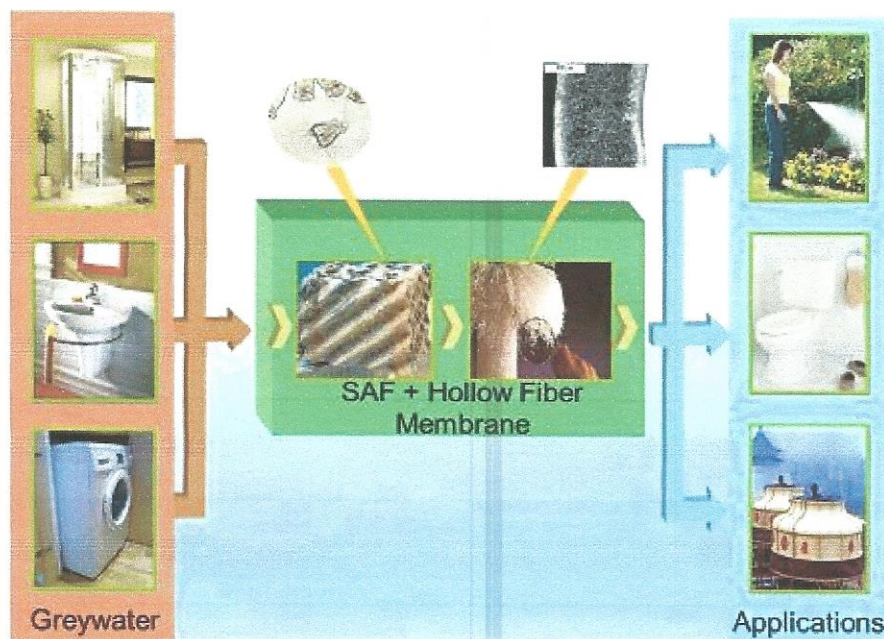
<b>Grey Water Recycling System</b>	<p>Greywater is a part of domestic wastewater, including wastewater from washing basins, baths, and washing machines, but excluding toilet waste. Due to the continuous development of treatment technologies, greywater and domestic wastewater can now be recycled cost-effectively through advanced techniques. Recently, HKPC developed a recycling system employing Submerged Aerated Filter (SAF) to decompose organic matters in wastewater by special micro-organisms which are retained in the system by micro-filtration (MF). After disinfection, the recycled water is crystal-clear, free of germs and odour, which can be used for toilet flushing, gardening or as cooling tower make-up water.</p>	<p>Category : Environmental Engineering</p>
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### Application

- Residential , building, industrial
- Hotel, office
- Water is valuable and shortage area/country

### Advantage :

- Low power input, cheaper than buy fresh water
- Environmental product
- Low Maintenance



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Photo for 100 cu.M per day system – membrane

Location : City University Hong Kong



Photo for 0.5 cu.M per day system –  
demo unit



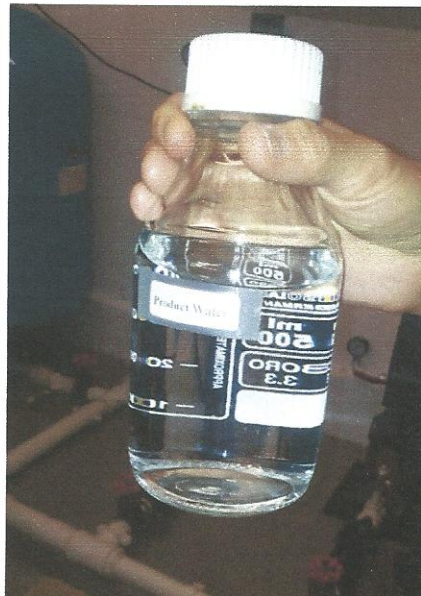


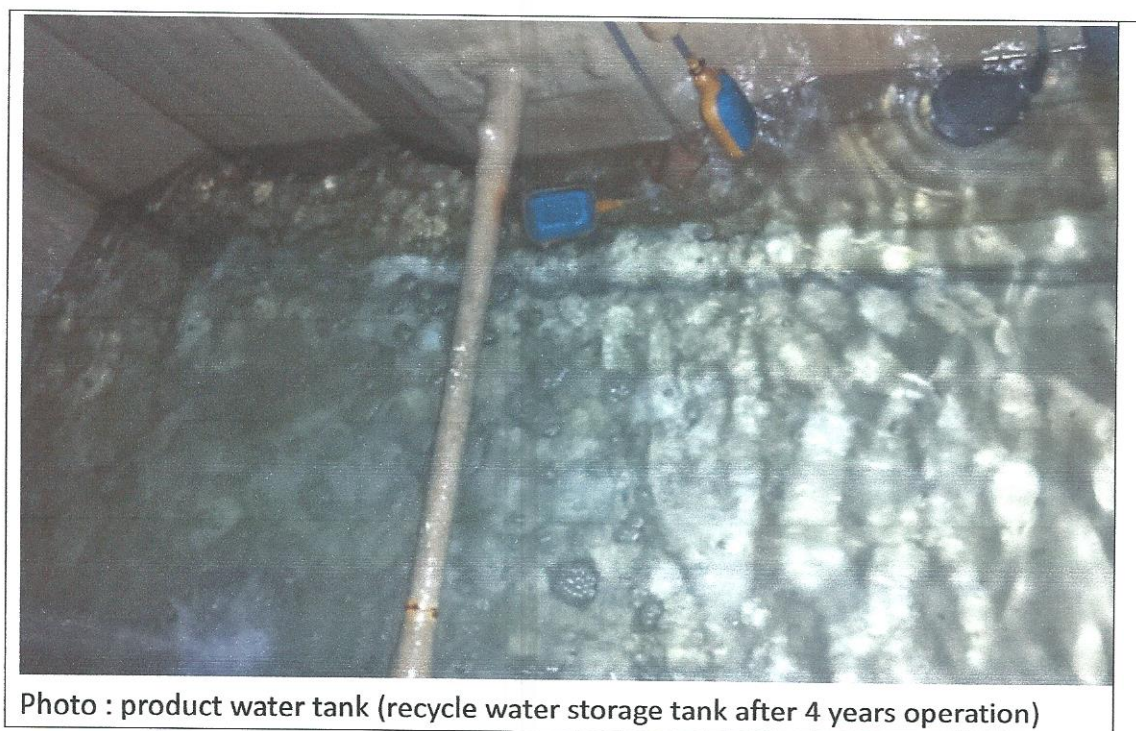
Photo for grey water operation



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<p>Photo : grey water</p>	<p>Photo : water before membrane</p>	<p>Photo : water after membrane</p>



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