

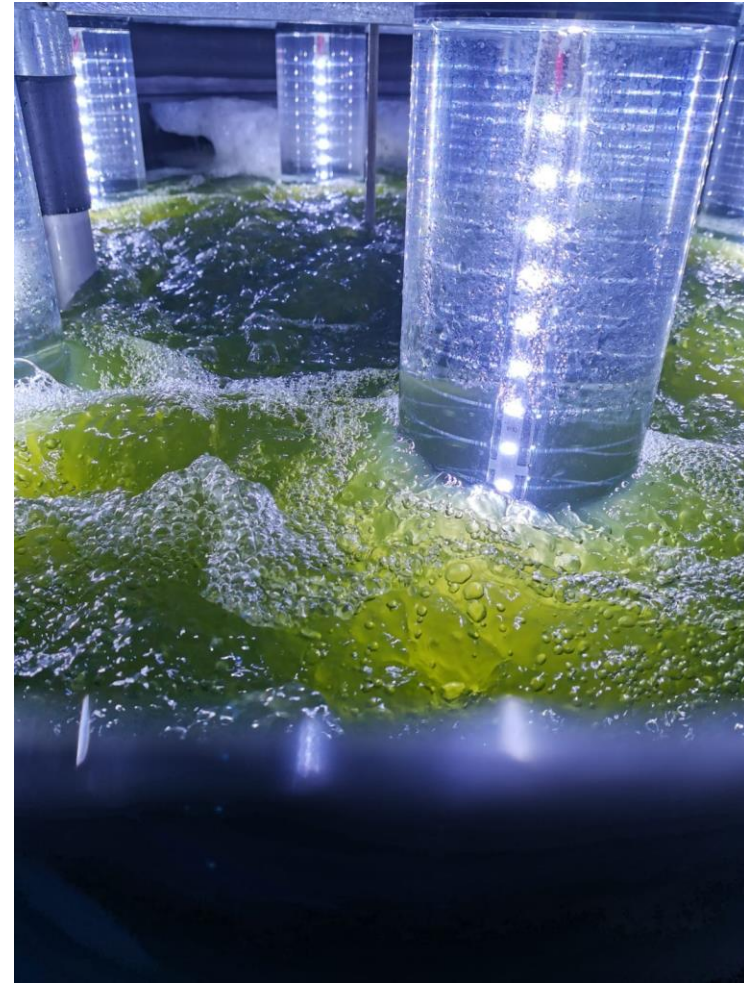
ALGAE FOR TERTIARY P REMOVAL IN THE UK

WONDERFUL ON TAP

SEVERN

TRENT

- Algal Biological Reactor (Photo bioreactor)
- Chemical-free
- Opportunity to recover the Phosphorus and to and reuse this as a resource
 - Pigments
 - Bio-plastics
 - Animal feed
 - Cosmetics?
- Claimed Phosphorus removal <0.1 mg/l (0.02mg/l)
- Additional Ammonia removal
- Treatment time typically 8 to 12 hours
- Net zero targets - carbon capture (5T CO₂ per year – 500p.e.works)



UK INSTALLATIONS

Broadwindsor

1. **Demo plant – Weston-super-Mare (Wessex Water)**
2. **Broadwindsor (South West Water)**
 - Delivered early 2021
 - Commissioning March/April 2021
3. **Croxton Kerrial & Yockleton (Severn Trent)**



Croxton Kerrial

