



Indoor  
Case study

## Indoor Pools



An indoor pool is a stunning focal point and amenity for any home. Clear Water Revival are the only company in the world to remove the one previously unavoidable negative of indoor swimming: chemicals.

You or your clients are now free to enjoy an invigorating swim in chemical free mineral water without any tastes, smells or health related downsides of chlorine.

Swimmers can instead dive into fresh, clear, mineralised water provided by the most technologically advanced natural pool filtration system in the world: ClearSpring TSF (Triple Stage Filter).



The Clear Spring TSF situated in the undercroft of Multi-Million pound Philimore Gardens Project, London

## ClearSpring TSF:

Cutting edge chemical-free filtration in your home...

The ClearSpring three-stage biofilter continually removes nutrient content from the water so algae and pathogens cannot feed or grow in a pool.

This cutting-edge technology is suitable for any indoor application and is easily incorporated into most plant rooms making it a perfect fit solution for new builds, basements and retrofits.

It completely removes the significant long-term damage inflicted by chlorine gas on building fabric and pool components; this makes it a better financial and environmental option than chemical systems.

## Benefits

- 100% Chlorine free filtration offering a full mineral water swimming experience and no nasty odours or dangerous chlorine derived gases in the air.
- Zero chlorine purchase, storage or time-consuming dosing requirements
- No need for disruptive and expensive weekly water testing visits from pool maintenance companies.
- A-Grade energy efficiency - ClearSpring's configuration and low energy pump demand results in a dramatic cut in running costs and savings running into £1000s annually.
- Remote system monitoring - all CWR pool filters are centrally monitored at CWR HQ 24/7 by our built-in web-enabled monitoring and notification system.

## System Outline

### Biological Filter

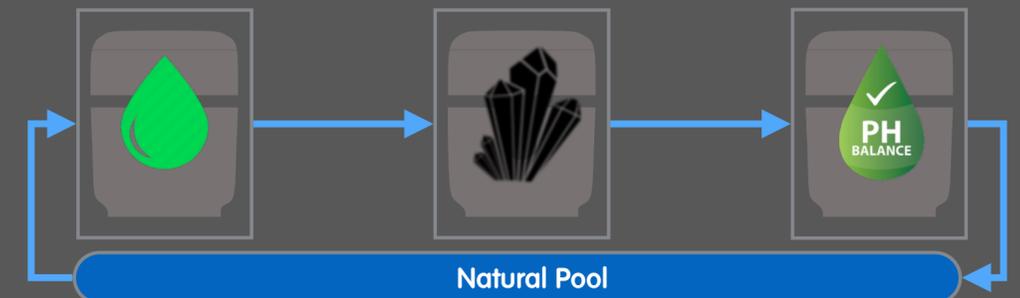
Our ClearSpring system has three stages, the first is a biological filter consisting of a media pre-seeded with bio-organisms which over time alter to match the nature of the pool's own biology. It takes six weeks for a filter to 'learn' it's pool during the maturation process.

### Mineral Filter

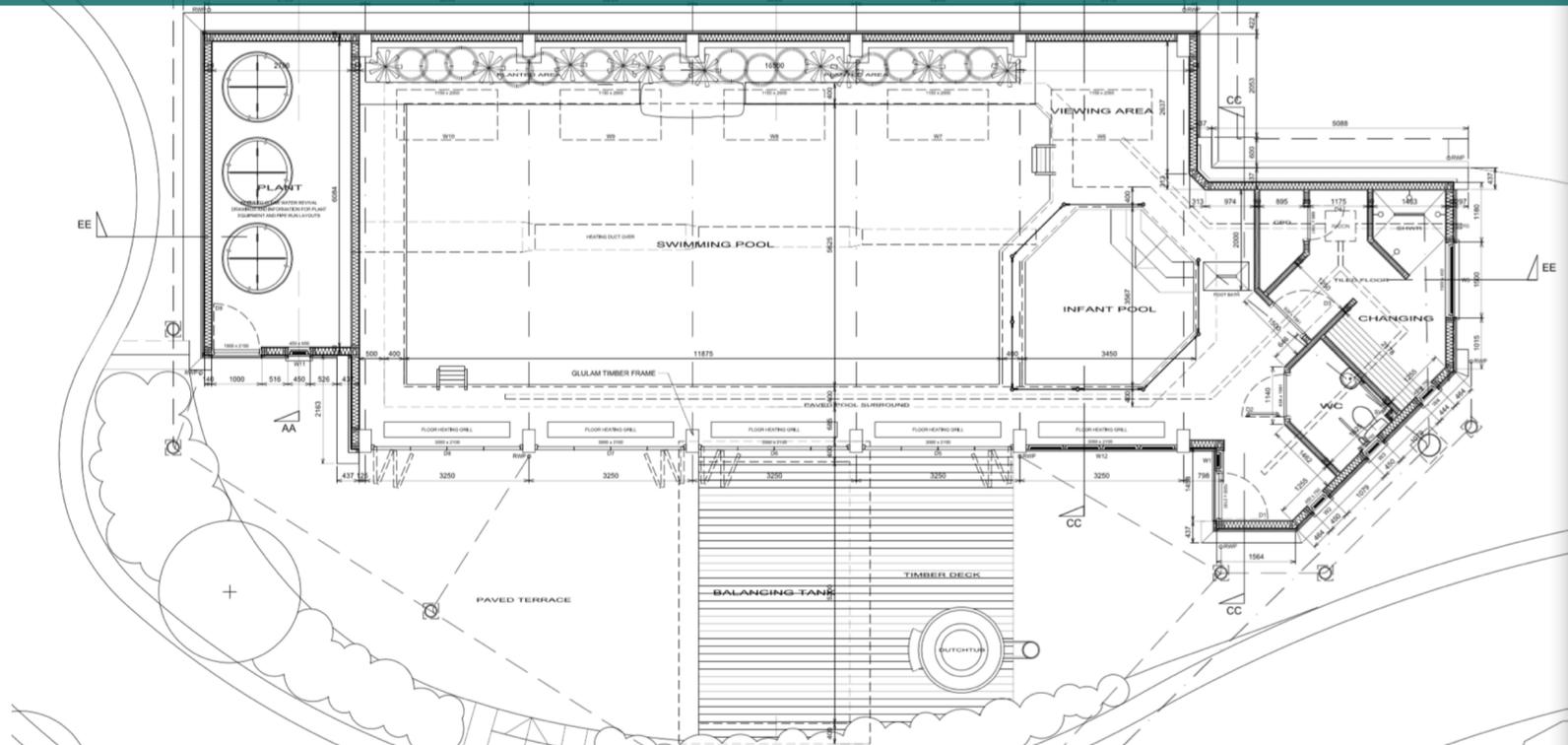
The mineral filter provides a polishing stage to remove a residual phosphate not taken out by the stage 1 biofilter - it is the system's policeman. The phosphate binds to the surface of the modified mineral and remains trapped.

### pH Filter

The final filter stage solves the slight acidification of the water caused by the process from filter stage 1. It contains a pH correction media which dissolves if the pH gets too low rebalancing the water.



# Tregulland



Nestled in a verdant valley in deepest Cornwall, Tregulland is a luxury self-catering rental complex, designed for large group holidays of up to 24 people. A hidden gem, a stone's throw from Cornwall's best beaches and finest fishing villages, it provides secluded tranquillity from the summer holiday hordes.

The Clear Water Revival freshwater swimming pool complex rests inside its own timber-framed building and consists of a 111m x 5m indoor pool and attendant shallow children's pool.

Water is sourced from the property's purpose dug bore hole which is fed through CWR's water top up pre-filtration system to remove high volumes of organic phosphorus before entering the ClearSpring TSF.

Finished with chic, slate-lined walls, with atmospheric underwater lights and backlit planting, the pool is a tranquil haven perfectly in keeping with Tregulland's luxury aesthetic.

