

CLEAR
WATER
REVIVAL

NATURAL SWIMMING POOLS



CRYSTAL CLEAR, NATURAL
AND BEAUTIFULLY DESIGNED.
EXPERIENCE THE FEELING
OF MINERAL WATER SWIMMING.



"The maintenance is very light and the water is always crystal clear, we have used it throughout the spring and summer with no heating as the excellent insulation of the build plus the solar thermal cover keeps the temperature warm enough to swim. We can highly recommend Clear Water Revival as this pool is just stunning."

Peter Cooke – Briery Hall

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CHEMICAL-FREE INDOOR SWIMMING POOL

Set within a light and spacious building, this naturally filtered pool gives the owner the feeling of wild swimming within the comfort of the home. ClearSpring biofiltration is used to produce crystal clear mineral water all year round.

CLEAR, CLEAN, CONTROLLED

Clear Water Revival specialise in naturally filtered pools that beautifully compliment your home or garden. 100% chemical free our technology is a flexible, natural, alternative to all old style chemical filtration. No matter what your project might be, indoor, outdoor, pool conversion or pool renovation, our ClearSpring filtration system can be installed to create the best possible swimming experience.

Science Focussed

Developed in-house by CWR the ClearSpring system is the only like-for-like natural alternative to old chemical systems on the market. Over £1 million has been spent on R&D to explore the fundamental water science that underpins the ClearSpring filter.

Experience Driven

Your swimming experience is critical to us. With no sharp smells, no daily testing and no horrible taste, our natural pools look better and feel better. The ClearSpring System eliminates harmful, environmentally damaging chemicals from your family home and garden.

CLEARSPRING BIOFILTER

Our proprietary ClearSpring technology is chemical-free and works without planting or planted beds. It is the first self-contained vessel based pool biofiltration technology on the market.

Free from chemicals and freed from plants

Researched, designed and built in the UK ClearSpring can be utilised in any pool build scenario. Planting is no longer a requirement for clear, fresh, mineralized swimming in your home which makes the technology fully flexible for any pool project.

- Indoor – standard, basement and roof
- Outdoor – modern style, free-form style
- Sized to fit any pool
- Retrofitted or conversion
- Replace old chemical systems
- Heated up to 32 degrees
- Covered or uncovered
- Planted or unplanted



MODERN, SLEEK AND SUBTLE

This unique pool design shows that a beautiful natural swimming experience can be achieved in a small space. It utilizes the filtration abilities of the ClearSpring system with the addition of planted areas which allow the pool to blend into the surrounding garden design.



FORMAL AESTHETIC

Set within the grounds of a fine country estate, this natural pool mirrors its formal surroundings. A planted bed adds a touch of wildlife to this minimalist design.

HOW IT WORKS

ClearSpring utilizes a three-stage process to remove nutrient content, and balances the water PH before returning the water back into the pool. Nutrients, in the form of phosphorous and nitrogen, are the main cause of algal growth in any body of water. By removing those nutrients, the system creates an environment where algae and pathogens cannot feed or multiply.

BIOLOGICAL FILTER

The first stage is the biological filter. A high surface area ceramic media houses bio-organisms that remove nutrient content.

MINERAL FILTER

The second stage mineral filter provides a polishing stage to remove residual phosphate not taken out by stage 1. It is the system's policeman, binding phosphate to the surface of the modified mineral.

PH FILTER

The final stage is the pH balancing unit which resolves the slight acidification of the water caused by the process from filter stage 1.



Free from chemicals and freed from plants

ClearSpring technology gives you complete control of your pool design style. Planting is no longer a requirement for clear, fresh, mineralized swimming in your home which makes CWR's technology fully flexible for any pool project.

System monitor – Clarity

Clarity (TM), our internet enabled monitoring system, covers every aspect of your filtration system for total peace of mind. It puts you in control by providing alerts via text or email in the event of performance fluctuations.

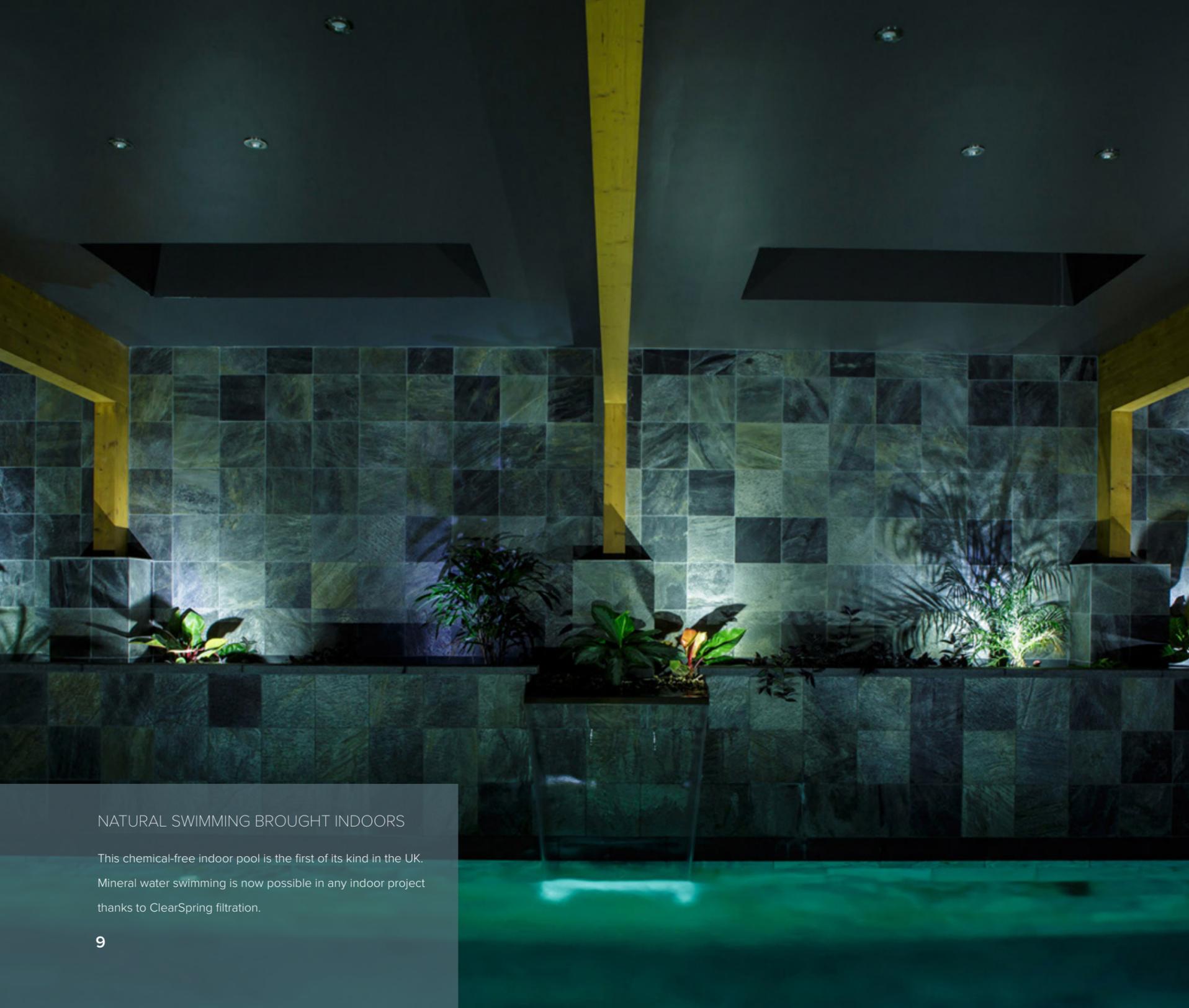
It can be set to alert multiple people, and in each case outlines the issue and the steps needed to solve it.

For added security CWR's central server also monitors your pool 24 hours a day.

Clarity monitors the following elements:

- Water flow rates
- Filter and system pressures
- Water temperature
- Water top usage
- Pump health
- System consumable





NATURAL SWIMMING BROUGHT INDOORS

This chemical-free indoor pool is the first of its kind in the UK. Mineral water swimming is now possible in any indoor project thanks to ClearSpring filtration.

INDOOR POOLS

Clear Water Revival's technology transports natural swimming inside your home. Economic to run and easy to care for, ClearSpring provides clean, fresh mineralised water for the most luxurious indoor swimming experience possible.

Free from all chemicals, odours and associated pollutants, home swimming becomes a true delight; without dry skin sore eyes or any of the chemical dosing required by other systems.

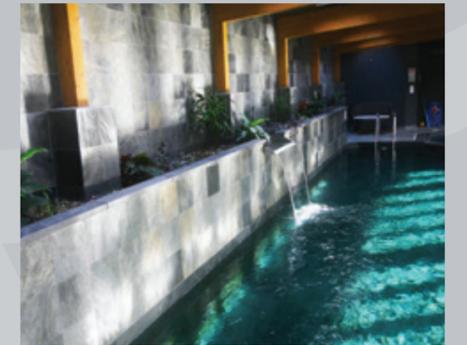
CWR created the first, heated, unplanted natural swimming pool in the world in 2011 and now our technology will banish chemicals from your homes, helping you achieve a new way to swim that is better for mind, body and spirit.

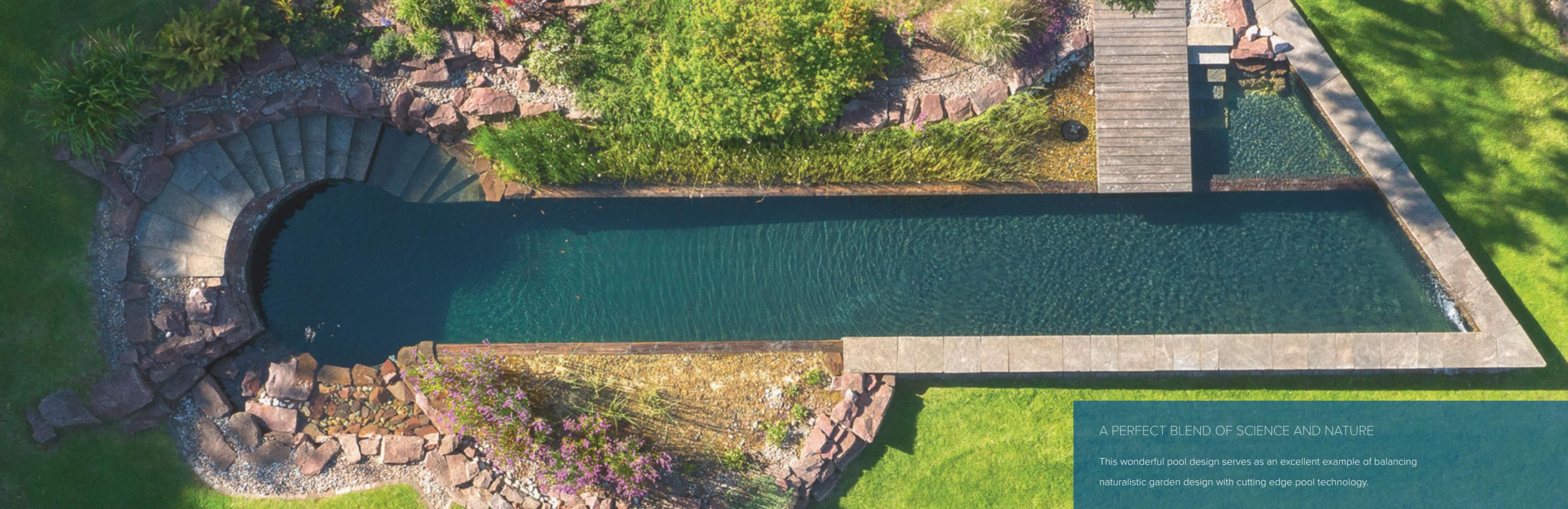
ClearSpring can be used:

- Indoor basement pools
- Standard indoor ground level builds
- Conversions on existing indoor pools

Indoor services offered:

- Pool shell design
- Air handling/ventilation system design
- Pipework and filtration design
- Filtration installation
- Tiling and tanking
- Pool hall aesthetic interior design





A PERFECT BLEND OF SCIENCE AND NATURE

This wonderful pool design serves as an excellent example of balancing naturalistic garden design with cutting edge pool technology.

We pride ourselves on offering practical advice throughout every stage of the design and build process to ensure your pool matches both your budget and personal tastes.

OUTDOOR POOL TYPES

ClearSpring – unplanted

All pool filtration is done by the ClearSpring bio-filtration system which sits within a plant room. If your preference is a modern, or 'clean' feel this is the best option.

ClearSpring – planted

In a ClearSpring planted swimming pool you have the best of both worlds crisp clear modern natural filtration in plant room, plus stunning aesthetic addition of planting in specially constructed shelf beds. Planting is aesthetic and limited to 20% of the pools 'swim area'

ClearSpring – aesthetic

The aesthetic utilities hydrologically separate ponds skilfully blended to appear connected to the main pool. This approach gives the sense mother nature's touch but without her fingerprints.



OUTDOOR POOLS

A truly special natural pool works practically for you and aesthetically in your garden environment. CWR have experience meticulously planning and designing pools to enhance any type of garden space. Modern chic or natural country style our filtration system can be easily applied to any form factor or pool style.



SWIMMING PONDS

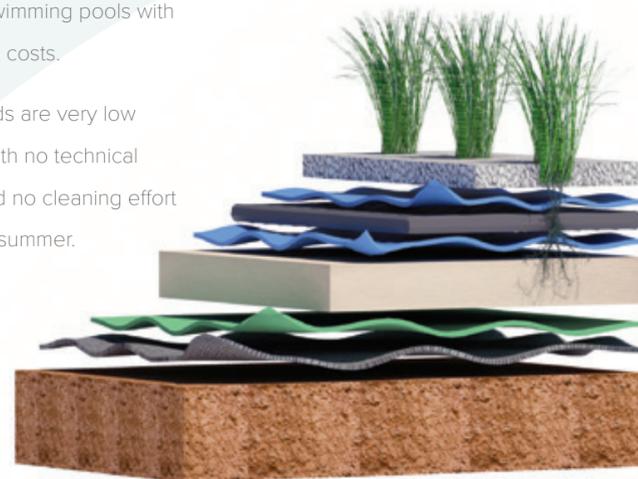
A magnificent addition to the landscape, swimming ponds will bring your garden to life with a diversity of birds, insects and aquatic animals, and use a perfectly engineered ecosystem to balance the water chemistry.

FACTS

- Swimming ponds are 50% planted to 50% swimming area.
- They cannot be covered and will reach temperatures of up to 24C during the summer.
- Swimming ponds are cheaper to operate than swimming pools with minimal running costs.
- Swimming ponds are very low maintenance with no technical filter system and no cleaning effort required in the summer.

OUR SYSTEM

Capped Substrate Technology (CST), combats the traditional problems caused by other planted filtration bed methods, and we believe it is the most effective swimming pond filtration system available.



THE FULL NATURAL SWIMMING EXPERIENCE
Set on a hillside with stunning countryside views this swimming pond offers all the benefits of wild swimming. Our capped substrate technology is employed to produce crystal clear water whilst keeping maintenance to a minimum.

Common swimming pond issues and how we avoid them

Channelling

Channelling occurs when water finds the shortest path or path of least resistance through an unevenly constructed bed of plant roots and gravel or technical substrates, thereby leaving other areas to become 'dead spots' of minimal or no flow. Our swimming pond system does not rely on active water filtration but rather the careful cultivation of plant life and the natural ecosystem to keep the water clean.

Uncontrolled build-up of organic material

Our swimming ponds are designed and built to ensure organic sediment or 'dirt', and its associated trapped nutrients, remain separated from the pool users and easily removed from the pool using cleaning equipment. This results in cleaner, clearer water as well as a far easier cleaning process.

Carbon supply and pH balancing: Water chemistry is passively controlled by the minerals in our substrate technology. For example the pH of the water is balanced and the plants are continually supplied with the carbon they require to photosynthesize and grow.





A NEW LEASE OF LIFE

This pool has been transformed from a derelict shell into a fantastic natural pool with cutting-edge filtration technology. The owners can now make the most of the pool as well as its stunning setting.



REFURBISHMENT AND CONVERSION

CWR can breathe life into your tired chemical pool and save on running costs. If your existing pool filtration has broken down, is expensive to run, or you simply no longer want swim in a chemical bath ClearSpring can be easily retrofitted to existing pools.

- **Size:** ClearSpring fits most existing plant rooms, often without the need for any expensive structural alterations.
- **Plants:** No planted zone means our system is perfect for basements or low light environments. For outdoor pool projects the system can be installed with or without planting.
- **Efficiency:** Depending on your chosen system and pool type, Clearspring can generate significant lifetime savings compared with competitor low chlorine solutions. For example: Indoor pools savings are often in excess of £10,000.
- **Kinder:** The complete absence of chemicals and low-level chlorine gas is much better for users – natural filtration is kinder on your body, it doesn't dry your skin, sting your eyes, hurt your lungs or ruin your clothes.
- **Maintenance:** Save money, without the corrosive presence of chlorine, your pool's fixtures, fittings and rubberised seals will last longer and need replacing less often.





CONCEPT DESIGN AND VISUALISATION

Our concept designers help you visualise your design ideas to create pools which enhance their surroundings as well as the lifestyles of their owners.

DESIGN AND BUILD SERVICES

CWR offer a full range of out door natural pool design and build services. We are flexible and always work to accommodate the needs of every individual or project.

- Flexible project structure
- Bespoke luxury concept design
- Pool shell technical design
- Concrete/panel/block construction methods
- Pipework and filtration design
- Pool ground drainage design
- Filtration installation
- Tiling and tanking
- Heating and air handling solutions
- Cover design

Concept Design

Not all pools require concept design but for customers looking to introduce an original, stunning visual element to their garden Clear Water Revival have the experience and passion to help.

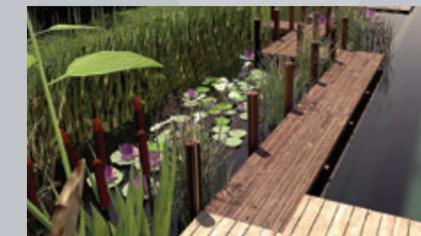
Working with you, we will fine tune your swimming pool design to meet any budgetary, lifestyle and design requirements, making your dream pool a reality.

Detailed Technical Design

For client pools that do not require concept design or once concept design is complete, we offer a full technical design service. This provides a full set of detailed technical drawings from which your natural swimming pool can be constructed. More information on the design process can be found in our Natural Pool Design Infographic.

Construction

Clear Water Revival offer both turnkey full-build, or package supply-only project options. We regularly work with groundworkers and other build service suppliers all over the country and pride ourselves on having a complete understanding of pool construction materials and methods.



3D photo-realistic CAD visualisations (optional design service).

COMMERCIAL SERVICES

Clear Water Revival collaborate with a wide variety of professionals across the construction and design industries including Architects, Landscape Architects, Designers, M&E consultants and even national institutions such as the RHS.

We offer the expert support you need delivering 12 years of pool design/build and water filtration experience to your project. Unlike any other natural filtration company, all our work is coupled with PhD level water science and engineering pedigree, and over £1 million of system R&D development.



Flexible

Our unique filtration technology, offers the designer maximum flexibility – freed from planting, your project can be indoors, outdoors, planted or unplanted. Increasingly Clear Water Revival are being asked to support partners on major public or community natural pool projects.

Environmental

CWR are always keen to be green. The ClearSpring filtration platform can demonstrably cut project running and build costs, and also minimise the environmental or building envelope damage associated with chemical filters.

WE OFFER:

- Feasibility investigation for community and leisure infrastructure/enterprise level projects
- Flexible project structures – turnkey or filtration fit and supply only (with design)
- Proprietary pool building technology
- Filtration method consultancy – match your client's needs to our systems
- Creative concept design – practically informed creative design input
- All CAD build schematics and technical drawings
- Site drainage plans and plumbing schematic overlays
- Ventilation and pool heating design

Natural swimming pools offer the ideal setting for community open spaces. Clear Water Revival has consulted on various projects in recent years including the full refurbishment of the UK's oldest Lido, the beautiful Bath Spa Lido. Other example projects we can support: high end private client pools, Spa & Wellness Centres, hotel projects, school, public lidos.



SCARLET HOTEL

Guests at this luxury hotel can now enjoy the feeling of swimming in mineral water which adds a unique and memorable experience to their stay.





PLANTED NATURAL SWIMMING POOL

This swimming pool mirrors its period surroundings and serves as a wonderful garden feature. It uses our ClearSpring filter with the addition of classic planted beds to achieve modern filtration in a stately setting.

HOW WE WORK

Clear Water Revival have been building pools since 2006 and take a flexible approach to project structure, offering turnkey full-build, and package supply-only project options.

Turnkey full build package

CWR can deliver projects from start to finish including groundworks, installation and the supply and fit of our ClearSpring filtration system. Our accomplished project managers work hard to deliver projects to an impeccable standard.

Supply only

If you already have your own contractor we have considerable experience working with 3rd party pool builders. This is a tailored approach which seeks to match your needs to our services including consultation, design and supply and fit of our filtration system in a format that suits you.

WHAT OUR CLIENTS SAY

"Our new natural swimming pool has been transformative. We had an old concrete pool that was constantly green – now I have a beautiful planted garden space and delightful naturally filtered pool. We used it throughout the summer and it became focal point in our garden for fun and relaxation. Swimming has a totally different feeling – it has none of the chlorine smells or tastes and my family has none of the irritation of skin, eyes, or hair. The running costs, like heating, are also notably lower which has meant we have used it far more."

Susan McCartney, Graesands Surrey

"Watching the sunset reflected on the still water, the pool achieves exactly what we wanted. I can only echo what a guest at our pond opening party stated... "it's not a pool, it's a chunk of heaven!"

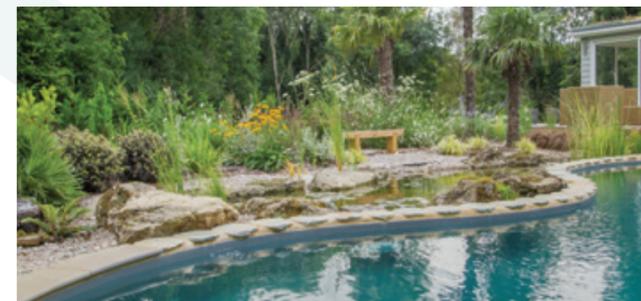
Mr John Wyer, Hitchin, UK

"With Clear Water Revival, we can deliver a variety of natural pools and promise clean, clear water for the swimmer. It is also the only system that can be retro fitted to existing pools."

Pete Clark, Landscapes Ltd

"It is such a joy to swim in chemical free waters if like me you react to the chlorines and other toxins used in most pools. The black liner used in the pool readily absorbs heat from the sun and the pool is naturally much warmer than most outdoor pools."

Mrs Rosie Hadden, Little White Alice, Cornwall, UK



WE WOULD LOVE TO HEAR ABOUT YOUR NATURAL POOL PROJECT

If you are interested in a Clear Water Revival swimming pool or would like to find out more about our filtration system, we would love to hear from you.

VISIT OUR WEBSITE

www.clear-water-revival.com

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