



enviroswim

It's not what you add, it's what you take away

It's not what you add, it's what you take away

enviroswim

## Crystal Clear

The call for a **cleaner, greener, safer**  
alternative to chemicals in swimming pools

By Phil Jones and Gary Stutt

“No chlorine, crystal clear no need to rinse off after swimming and definitely no red eyes. The system itself is very simple to use.”



## Contents

CALLING ALL POOL OWNERS

A SAFER CLEANER GREENER ALTERNATIVE

GOOD PEOPLE GOING GREEN

IS IT REALLY ECO-FRIENDLY OR CLEVER MARKETING?

LOOKING TO BUY A POOL CLEANER?

THE PERILS OF POOL MAINTENANCE

SALT CHLORINATORS AND THE REST

SAY NO TO CHLORINE

SAY NO TO HYDROGEN PEROXIDE

PARENTS WHOSE CHILDREN LOVE TO SWIM

BENEFITS OF OWNING A FRESHWATER POOL

PEOPLE WHO SUFFER FROM ASTHMA

PEOPLE WHO SUFFER FROM ECZEMA

PEOPLE WHO LOVE TO SWIM

SO GREAT TO OWN A POOL

NO PROBLEM ONLY A SOLUTION

The contents of this book have been drawn from Water Blog, Australia's most informative blog about swimming pools and water sanitation. Here you will find clear, accurate information about water purification systems and swimming pool maintenance.

If you're having problems maintaining your pool, you're not alone!

As the creators of the Enviroswim ES3, the world's most innovative and effective pool water purification system, we have a unique perspective. Our message is simple: there is a better, safer, cleaner and greener alternative to chemicals.



“Our new concrete pool has had the Enviroswim system on for 2 days. All levels are perfect.

**How awesome!”**

## CALLING ALL POOL OWNERS

There are just over a million of us in Australia and many more millions around the world. Imagine, if we united in a common cause, what we could achieve.

The cause we are promoting in this little book is simple:

**Stop** polluting the planet with the toxic by-products of swimming pool chemicals.

**Protect** bathers of all ages from bacteria and the health hazards associated with the use of chemicals in swimming pools.

**Transform** your pool and turn your property into an oasis by filling it with beautiful, natural, crystal clear water.

“This summer we had a party with a **LOT** of people in the pool.

Previously I would have had to do some form of Chlorine treatment to the pool in order for it to cope. We were **more than happy** this year and a little incredulous as this time our pool stayed **crystal clear** and required no additives of any kind!!! A big winner.”



## A SAFER CLEANER GREENER ALTERNATIVE

We have many reasons to promote an alternative to adding chemicals to your pool. First and foremost is the pure enjoyment of swimming in fresh natural water – an experience that has become increasingly rare in a world full of pollution and swimming pools awash with chemicals.

Then there are the health risks. More and more evidence is coming from around the world that the chemicals we add to our swimming pools are dangerous and hazardous to health. Not only are they hazardous, they're a hassle. They cost a lot. They take time and care to make sure they're working properly. Get it wrong and you're looking at a green pool or worse, swimming in water that isn't safe. There's also the damage we are doing to the environment: the toxic by-products that are finding their way into the underground aquifers. The use of salt and chemicals also does harm to your own back yard, wiping out plants and destroying lawns. Factor in the amount of electricity required to keep those pumps running and you can appreciate that we pool owners are having quite an impact on the environment.

The Enviroswim system enables you to minimize the use of chemicals, cut down on costs and reduce the damage being done to the environment. It is, as our customers say, a winner.

“We have used your ES3 model for nearly 9 months now, and we are **very happy** with it. The water is **very clear** and without any odor of chlorine. It is a **very easy** system to maintain and the installation was easy also. As a bonus we reduced the cost of chemicals and increased the lifetime on pumps etc. In other words, it’s a win-win situation. Also the service you give us is worth mentioning – as it is **EXCELLENT.**”



## GOOD PEOPLE GOING GREEN

In the 21st century, we have become increasingly aware of how much human activities are affecting the environment. At the same time, we are more and more concerned about chemical additives in our food, in our gardens and on our farms.

Initially greeted with skepticism by mainstream society, the ideas of Green parties around the world have gathered growing recognition and acceptance. Going Green is a global phenomenon that shows no sign of slowing down.

In the swimming pool industry, some manufacturers have used clever marketing to jump on the green bandwagon. Consequently, we have seen an explosion of products with 'green' labels and eco-friendly claims.

All we can say to you good people wanting to Go Green is

**Buyer Beware.**



## IS IT REALLY GREEN OR CLEVER MARKETING?

It's not just in the swimming pool industry, it's across the board. By sticking a green label on a product, manufacturers and their marketing allies have figured out a new way to attract an affluent audience. But just because it says it's green on the label doesn't mean that it's any better for you or the environment.

The swimming pool industry is very good at "re-inventing the wheel". Recently, we have seen a plethora of products claiming to be 'green' pool water purification systems. It might just be an energy-saving pool pump that draws less power. They're still using the same old chemicals but they're portraying themselves as environmentally friendly, based purely on the savings of electricity.


Another recent marketing ploy was re-inventing sand. Sand has been used as a filter in nature for millennia. Now, the latest craze here in Australia is this: instead of putting sand into the filters, they're putting recycled glass. How do you create glass? Sand. They're portraying it as being a better filter than nature's sand. The way they market it, every one's sold on it.

Another case: the 'ozonator' which is presented as a greener, safer system.

What they fail to mention is that while the ozonator is a good oxidiser and sanitiser, it can only disinfect the pool water at point of contact. As the water goes through the machine, it sanitises but it leaves no residual sanitiser in the main pool. So when you use ozone you need to use a residual sanitiser such as chlorine. So what they do is add on a salt chlorinator. They're taking an old technology and dressing it up to make it appear as a greener healthier system.

They've re-invented the pump. In Australia, the energy suppliers have worked out that the pool pump is the biggest single source of power consumption in a residential home. So what pool supply companies have done now: they are selling you a pump with switches on it so you can cut down the output. It will run at a third of the power. But the trade-off of doing that: in a swimming pool you have to turn the whole volume of the swimming pool water through the filter once a day. So if you slow the pump down by two thirds, you've got to run it two thirds longer.

It's a messy industry – poorly regulated. It's hardly surprising that many pool owners are confused about the realities of pool maintenance, and this is why we're taking a stand. We're here to help people find their way through the hype, establish the facts and learn the truth.



“Just a small **word of thanks** for your brilliant ES3 system which was fitted to our new pool. Nearly 2 years on and our pool water is **simply fantastic**.

Your support and willingness to answer our queries has been **great.**”

## PEOPLE LOOKING TO BUY A POOL CLEANER

Another craze to sweep Australia recently was automated pool cleaners. In the ads it looks like a great idea. Just plug it in, turn it on and your pool will be sparkling clean without you lifting a finger. The reality is a little different.

We took a look at some of the customer reviews for the latest pool cleaners. There was the odd exception but the most commonly found customer experience was “terrible”. Here are a few of our favorites:

“I spend more time cleaning the bloody pool than swimming in it.”

“This machine looked fantastic but unfortunately it keeps getting stuck on every corner.”

“It tends to go crazy and not adhere to the walls and floor.”

“The cord that connects the control box gets all twisted ALL THE TIME.”

“Useless. Now I know why no one complains and just throws it out and buys another.”

“I followed the directions, saw an improvement but after a week, the pool was worse.”

“All I can say is I made a BIG mistake. This unit is useless. It was very expensive and has a lot of drawbacks.”

“It’s good when it’s new but later you’ll find it has a lot of moving parts that need replacing due to salt corrosion.”

“Absolute rubbish product.”

Of course there are good and bad pool cleaners like everything else. When they work, pool cleaners can be great labour-saving devices. They can save you a lot of time and trouble and help keep your pool clean. Whether it's a robotic pool cleaner, suction pool cleaner or in-floor pool cleaner we suggest you do thorough research before you make your purchase.

“We have had the Enviroswim pool system for 4 years and it has operated faultlessly and maintained superb water quality throughout this time.”



## THE PERILS OF POOL MAINTENANCE

For many of us, while owning a swimming pool is a dream come true, maintaining it can be a bit of a nightmare. But it has to be done.

If you don't treat the water, you're going to expose bathers to all kinds of health risks. So what are your options?

You could do what our parents did and carry on dumping chlorine and other chemicals into the pool. Carry on schlepping to the pool store, hauling those heavy drums of hazardous chemicals home and find a safe place to store them where the kids or the pets won't find them. Carry on running the risk of causing an explosion if you mix them up wrong, turning the water in your pool into a toxic soup of chloramines, having to take a shower both before and after you swim. Carry on putting up with red eyes, irritated nasal passages, damaged hair, increasing the chances of triggering asthma attacks especially in young children. Carry on polluting the environment.

OR you could do what the majority of Australian swimming pool owners have opted for and install the salt chlorinator. While it is less hassle than adding chlorine, there are problems associated with salt pools. Salt is highly corrosive.

Because of the quantities required for effective sanitation, longterm use is likely to lead to damage to your pool surrounds, your equipment, garden furniture and the garden itself. Add to this the high costs of running the pump for 8 hours or more a day to ensure the system will work and you might want to look for a better alternative.



“We have had the ES3 system for 3 years now and have been **very pleased** with its performance. **We love** that we no longer need chlorine or salt in the pool and it has stayed **crystal clear** and easy to manage even through our West Australian heat waves.”

## SALT CHLORINATORS AND THE REST

It's clear that there's a lot of hype in the swimming pool industry and a great deal of misinformation. So let's take a closer look at the various water sanitation systems on the market.

Salt water chlorination is the most commonly used system for pool water purification in Australia. It works by adding salt to the pool water. This is then converted to chlorine using an electrolysis process as water passes through the treatment cell. What you end up with is a chlorinated pool.

The main reason salt chlorinators are popular is that they reduce the costs and handling hassles associated with conventional chlorine treatment. They provide automated chlorination while pool equipment is running, making life a bit easier for the pool owner. But like adding chlorine to your pool, salt chlorination brings with it a variety of problems.

It requires ongoing expensive chemical back up including stabiliser, algaecides, flocculants and all the associated costs of a regular chlorinated pool. It's difficult to maintain the correct residual chlorine level in extreme conditions of heat, sunlight and bather load.

It only works when the pump is running resulting in lengthy run times and high energy costs.



Salt is corrosive. The higher the salt levels, the more corrosive it can be. This can have a detrimental effect on pool equipment, pipes and fittings. Then you have to deal with splash outs. Splashing normal tap water onto grass, plants and pool furniture is no cause for concern, but years of splashing salt water can lead to sterile soil. So while the industry does its best to convince you that the salt chlorinator is a safer, greener and easier option to dumping chlorine in the pool, the facts tell us otherwise.

Let's look at the ozonator. Ozone is an effective oxidiser but it has a short life. The ozonator produces ozone gas that is injected in to the pool circulation system to aid the residual sanitiser. Ozone is becoming a popular back up for chlorine systems and salt chlorinators.

Again, there has been some clever marketing at work to promote the ozonator as the greenest of green. What they fail to mention is that while the ozonator is a good oxidiser and sanitizer, it can only disinfect the pool water at point of contact. As the water goes through the machine, it sanitises but it leaves no residual sanitiser in the main pool to protect the bathers. So when you use ozone there needs to be a residual sanitiser such as chlorine. What they're doing is taking an old technology and dressing it up to make it appear as an eco-friendly pool cleaner. But you still get a chlorine pool at the end of the day.

There are other drawbacks: the ozonator is not cheap.

Ozone gas is highly toxic, so the ozone generator must be installed in a way that it will prevent the ozone gas getting into the main pool water. It only works when the pump is running thereby driving up your electricity bill. In conclusion: the ozonator is an expensive add-on that promises more than it can deliver.

A better option is ionisation. Copper and silver are nature's mineral sanitisers and have been used for thousands of years. Copper is a powerful algaecide and silver is an effective biocide.

Several factors make copper and silver a more effective alternative to chlorine and other chemical sanitisers. Unlike these chemicals, copper and silver remain unaffected by heat and UV. This makes it a lot easier to maintain a residual level in pool water. The copper and silver ions continue to work as an algaecide and biocide in the pool water even when the equipment is turned off.

The competition in the swimming pool industry has tried to discredit the use of copper and silver in pools by smearing it with the 'heavy metal' label. They suggest that the levels of copper and silver in the water are dangerous. But this is just not true. The amounts required to sanitise a pool are minuscule and well below the recommended amounts for municipal drinking water. It's just another example of how confusing this industry can be and how the public is being misinformed.

However there is a problem with using only copper and silver to treat water. On their own, they do not oxidise the organic compounds in the pool such as oils, dust, urine. This is why people who use ionisers often end up adding a residual oxidiser usually chlorine. Ionisers have to be monitored carefully to ensure they don't cause problems with staining. There have been instances of copper staining pool surfaces and equipment which have given them a bad reputation.

So we have added another breakthrough technology to take care of these issues: a combination of electronics and ultrasonics.

The results are clear:

“I **highly recommend** Enviroswim. For the **cleanest water** without any added chemicals, **this unit is it.**”



## SAY NO TO CHLORINE

The evidence is coming from all over: using chlorine for pool water purification poses threats to human health – especially for children. Never mind the red eyes, irritation to nose and throat, the horrible smell, chlorinated water can cause asthma and other chronic respiratory ailments. It has even been linked to some forms of cancer.

It's not just the way chemicals react with organic compounds in the water to create toxic by-products, they are themselves downright dangerous. Here's a recent story from Florida, the Sunshine State, where the hot climate means that people spend a lot of time in or around the pool. CBS Channel 12 reports “an important message about pool safety. Precise measurements of pool chemicals are critical. Too much of one chemical or too little of another can cause illness and even death.”

The report includes an interview with Dr John Benetez, Head of Toxicology at Vanderbilt University. “Pool chemicals, if not handled properly, can be toxic.” He then reveals that over 5,000 people in the United States are hospitalized each year due to accidents with pool chemicals. The news bulletin concludes with this statement: “If you have concerns about the safety of your pool, you can always call **YOUR LOCAL POISON CENTRE.**”



[Click picture to view a video about Chemical Security Awareness](#)

Here's another case from Southampton in England, where the sun doesn't shine so much but people still appreciate the joys of owning a swimming pool. According to a recent news story: "A family have been treated for gas inhalation after a small chemical explosion in their swimming pool. Chemicals were being prepared to put in the pool in the plant room at the house. The mixing caused an explosion at around 7.15pm and released a small amount of gas, thought to be chlorine. A husband and wife and their young son, aged around 12, were treated at the scene by South Central Ambulance Service for gas inhalation and taken to hospital."

Here's another report from Knoxville: "A recent incident at World's Fair Park has parents concerned about the safety of local splash pads and fountains. 19 children were hospitalized because of exposure to chlorine bleach in the splash pads. They were treated for skin and eye irritation. In light of the incident, 6 News decided to find out how the chlorine levels in water features around our area measure up." The results were not very reassuring. In most cases, the chlorine levels were more than double the safety limit, exposing children to serious health hazards.

The anecdotal evidence is overwhelming: chlorine is an outdated technology for swimming pool water purification. It is dangerous to handle and hazardous to health. This is why we support the international campaign: Say No To Chlorine. Tell your family. Tell your friends. There is a better, safer alternative.

## SAY NO TO HYDROGEN PEROXIDE

There's a lot of misinformation and confusion about alternatives to chlorine for swimming pool sanitation. We get calls from people all the time about the various products on the market that claim to be green or 'eco-friendly'. They want to know what the difference is between these systems and Enviroswim.

The simple answer is: all the difference in the world.

The latest system claiming to be 'eco-friendly' is a combination of Ultraviolet and Hydrogen Peroxide. Looking at the marketing materials you get the impression that this will transform your swimming pool into a natural freshwater pool. The truth of the matter is: Hydrogen Peroxide is another dangerous chemical just like chlorine. This particular system requires high levels of Hydrogen Peroxide to be effective. At these levels it becomes an irritant and will oxidise skin, hair and swimsuits. It can also cause respiratory problems.

But more than being an irritant, Hydrogen Peroxide is a very dangerous product to have in the market place. It is extremely reactive and has been used by terrorists for making bombs.

In our opinion there is no need for it and it should be banned for sale as a pool chemical. Due to the large volumes of the volatile chemical that are required to run a pool, it will become readily available in large quantities to anyone walking into a pool shop.

Besides these obvious hazards, it's an expensive way to sanitise your swimming pool. The upfront cost of the system is high but then you have the ongoing costs of the Hydrogen Peroxide that you have to add in large quantities. The vested interests in the pool industry would have you believe that there is no effective alternative to chemicals but this is just not true.

Not only is Hydrogen Peroxide dangerous and expensive but the combination with Ultraviolet is a tricky system to run. Here are a few excerpts from the guidelines for its use:

For the system to be effective it must operate 24 hours a day. Ultraviolet has no effect on pH or colour and little effect on the chemical composition of pool water. However, the colour, turbidity and chemical composition of pool water can interfere with Ultraviolet transmission. Bacteria may be protected by turbidity, clumping and by the presence of slimes so the water must be adequately filtered and treated prior to Ultraviolet exposure.

Ultraviolet disinfection is not pH dependent, but the addition of Hydrogen Peroxide to pool water results in acidic conditions. This requires the pH to be raised to overcome bather discomfort and to protect the pool surfaces, plants and metal fixtures. It doesn't sound very eco-friendly, does it? Compare this with the experiences of people who have been using Enviroswim to treat their pool water:

“I am **thrilled** with Enviroswim. Our water is **the cleanest** it has ever been. This is **the best** unit I have ever owned and it is so easy to maintain.”

## PARENTS WHOSE CHILDREN LOVE TO SWIM

It's summertime and the kids are spending a lot more time in and around the pool. Happy days. Not only is having your own pool the best fun you can have in the warmer weather, swimming is undoubtedly one of the best forms of exercise for grownups and children alike.

However, and it's a big however, if your children and their friends are swimming in chlorinated water, you are putting them at risk. Look at this recent posting from Healthy Child, Healthy World, a California-based organization dedicated to protecting the wellbeing of children around the world.

“For many kids, the smell of a chlorine pool triggers immediate sensations of joy because it means they'll soon be in the pool having fun. But those telltale fumes can potentially trigger a whole lot more, like asthma.

A recent Belgian study showed that use of indoor chlorine pools especially by children younger than 7 promotes the development of childhood asthma. More disturbing still, the researchers found that the kids who swam most frequently had proteins associated with increased risk of asthma at levels similar to those found in regular smokers.



More studies are needed, but we do know that when chlorinated water comes into contact with hair, body products, sweat, saliva, or urine (regular ingredients at the public pool) it creates certain volatile by-products like chloroform.”

The conclusion they reach is this: ”If you have your own pool, keep it chlorine-free”. This is all very well but you have to have some form of water sanitation to protect the bathers and they don’t tell you how that’s done. If your children love to swim, you owe it to them to check out the safe and healthy way the Enviroswim system works without the need to add chlorine.

Some links you may find of interest:

<http://poolscam.blogspot.com.au>

<http://forums.whirlpool.net.au/archive/1529192>

## BENEFITS OF OWNING A FRESHWATER POOL

It's not just the sheer pleasure of swimming in crystal clear water. It's more than basic protection from bacteria and pathogens. By installing Enviroswim you will bring many benefits to your family, your pool, your garden, even your pets.

Chlorine and salt chlorinators can do all kinds of damage to pool surfaces, surrounds, garden furniture, plants and lawns.

By contrast, the water that results from our unique system is so pure it can be used to water the garden. .



“There isn't any algae growth, I was **able to swallow** the water with no ill effects and was **able to water** the potted plants around the pool with a bucket that I filled from the pool and the plants are **better than thriving.**”

“By the way, our beloved cat would rather drink out of the pool than his water bowl.”



## PEOPLE WHO SUFFER FROM ASTHMA

Here's a report from the European Respiratory Society: "Swimming is generally considered to be a healthy leisure activity for both the young and old. Swimming is even often advised as the most appropriate sport for asthmatic children. However, for obvious reasons of microbiological safety, the water of public and private swimming pools must be disinfected. The most common procedure for water disinfection consists of chlorination. As with all human and technological intervention, the use of chlorine-based products to disinfect swimming water may lead to a number of unwanted effects, in particular the presence of chlorine-containing compounds in the air.

Consequently, chlorination may affect the respiratory health of either those who work as swimming attendants or instructors, or those who use the pools as customers, particularly children."

There is no doubt about it. Chlorinated pool water will exacerbate an asthmatic condition. It has been known to trigger asthma attacks especially in young children. It's another good reason to find a better alternative.

## PEOPLE WHO SUFFER FROM ECZEMA

The main problem of eczema and swimming in chlorinated water lies with the chlorine's intense drying effect on the skin. To a non-sufferer, this is not particularly harmful but if you or your children suffer from eczema this can cause a real problem for the skin. Dry skin can be the sole trigger for eczema, so chlorine can be one of eczema's worst enemies.

The effects vary. It can depend on how severe the condition is, how regularly you go swimming and exactly how much chlorine is in the swimming pool – the more chlorine, the more irritation.

There are some things you can do to minimise the risk. Applying a natural, effective emollient to the skin before you enter a swimming pool is highly advisable, and then apply again immediately after you have left the pool and showered. Avoid chemical based emollients at all costs – you are aiming to completely rid your skin of the chemicals from the swimming pool water, not add more to it!

If chlorinated pool water is enough to trigger an eczema attack, imagine what it is doing to your skin.

## PEOPLE WHO LOVE TO SWIM

“The experienced swimmer, when in the water, may be classed among the happiest of mortals in the happiest of moods, and in the most complete enjoyment of the happiest of exercises.” William Wilson  
The Swimming Instructor

Wilson probably didn't know this in the 19th century, but all that happiness was due to the release of feel-good chemicals known as endorphins — one of swimming's most pleasant side effects. In addition to a natural high, swimming can also evoke the relaxation response the same way yoga works on the body. This is due in large part to the constant stretching and relaxing of your muscles combined with deep rhythmic breathing.

Swimming offers something no other aerobic exercise does: the ability to work your body without harsh impact on your skeletal system. When the human body is submerged in water, it automatically becomes lighter. When immersed to the waist, your body bears just 50 percent of its weight; dunk yourself to the chest and that number reduces to around 25 to 35 percent; with water all the way to the neck, you only have to bear 10 percent of your own weight. The other 90 percent is handled by the pool.

This means that the pool provides an ideal place to work stiff muscles and sore joints, especially if you're overweight or suffer from arthritis. In its recommendation for the right types of exercise for people with arthritis, the Arthritis Foundation suggests those that stretch muscles, those that strengthen muscles, and those that provide an aerobic workout. A few laps in the pool combine all three!

Plus, with every stroke, as you reach forward, you're lengthening the body. It not only makes it more efficient in the water, it also helps give you a good stretch from head to toe. In addition to toning visible muscles like pectorals, triceps and quads, swimming also helps improve the most important muscle in our bodies: the heart.

Swimming is now recognized as one of the biggest calorie burners and it's great for keeping weight under control. The exact number of calories you burn, of course, depends on your own physiology and the intensity with which you exercise. What's more, studies have shown that aerobic exercises like swimming can also keep your endothelium in good shape. What's your endothelium, you might wonder? It's the thin layer of cells that lines your arteries, and it tends to lose flexibility as you age. In one study of people in their sixties who participated in aerobic exercise, however, endothelium function was found to be equal to those many years younger. The theory is that because aerobic exercise causes arteries to expand and contract, it keeps them fit.

(Source: James Franco. Discover Health)

“Most of the regular bathers come early in the morning. A lot of them are in their eighties and look sixty.” - Roger Deakin Waterlog

## SO GREAT TO OWN A POOL

There's nothing like it. The heat is on and you step out into your own backyard and dive into beautiful, crystal clear water. And if you have children, a swimming pool is a wonderful gift for your family – because a pool is so much more than a place to swim.

The health benefits of swimming are well known. But there are all kinds of other pluses that come from building a pool on your property. For the children, it's the most fun they can have at home. It gets them out of doors and away from the computers and televisions.

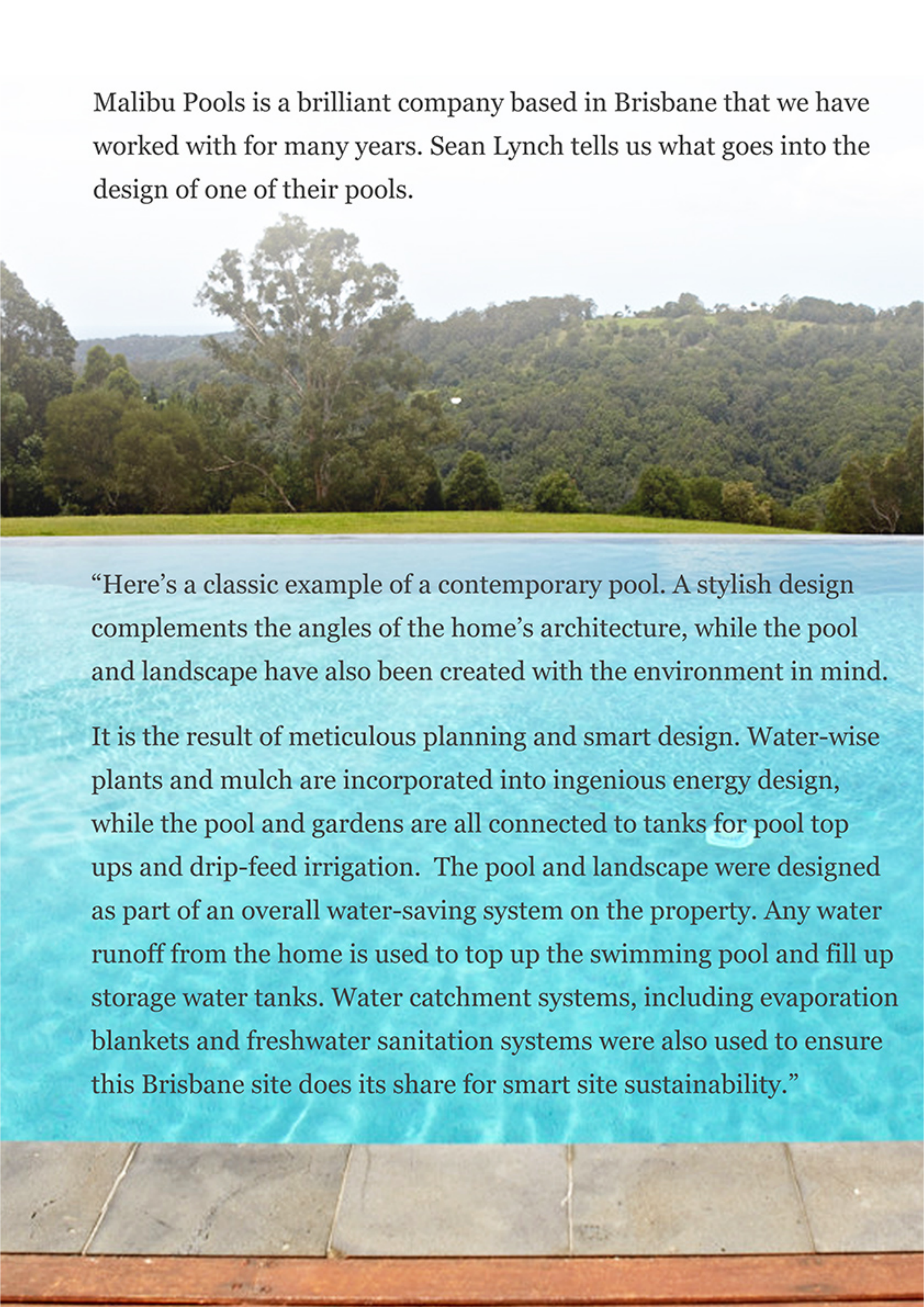
It's a wonderful attraction for friends to come by and play in the pool. Not only do you know where the kids are, you know they're getting exercise and having fun all at the same time.

For the grownups, pool-side is a great place to entertain. Fire up the barbecue, chill some wine and simply hang out with your family and friends. Just being by water creates a relaxing atmosphere and nowadays, the aesthetic design of swimming pools has evolved into a high art. It can be like being in your own private oasis.

Of course, you have to take care when selecting a pool builder if you want it to be aesthetically pleasing as well as environmentally sensitive.



Malibu Pools is a brilliant company based in Brisbane that we have worked with for many years. Sean Lynch tells us what goes into the design of one of their pools.

A photograph of a swimming pool with clear blue water. In the background, there is a lush green forested hillside under a bright sky. The pool's edge is visible in the foreground, showing grey tiles and a wooden deck.

“Here’s a classic example of a contemporary pool. A stylish design complements the angles of the home’s architecture, while the pool and landscape have also been created with the environment in mind. It is the result of meticulous planning and smart design. Water-wise plants and mulch are incorporated into ingenious energy design, while the pool and gardens are all connected to tanks for pool top ups and drip-feed irrigation. The pool and landscape were designed as part of an overall water-saving system on the property. Any water runoff from the home is used to top up the swimming pool and fill up storage water tanks. Water catchment systems, including evaporation blankets and freshwater sanitation systems were also used to ensure this Brisbane site does its share for smart site sustainability.”

With such high standards, it comes as no surprise Malibu Pools was chosen as Enviroswim Pool Builder of the Year. “The award is recognition of environmental responsibility and consumer safety as well as outstanding construction and design,” says Gary Stutt, managing director of Enviroswim Systems. “Malibu Pools shows a commitment to customer service that continues long after the new pool is being enjoyed by its owners.

By installing the Enviroswim pool sanitation system, Malibu Pools is helping their customers save money, protect the environment and safeguard their health by minimising the use of toxic pool chemicals.”



## NO PROBLEM ONLY A SOLUTION

The Enviroswim ES-3 system is a revolutionary breakthrough in swimming pool technology that sanitises water without adding chemicals. Using a powerful combination of silver and copper electrodes, ionization and ultrasonics, the system removes all the “nasties” from your pool and leaves you with pure, clean water.

Our truly eco-friendly system gives you a freshwater swimming pool that is not only a joy to bathe in but it presents no threats to your health and does no harm to the environment. It has to be said that there is no such thing as a 100% chlorine-free pool. With Enviroswim, you add no chlorine but the process of electrolysis creates tiny amounts in the water but they are so miniscule as to be undetectable and pose no health risks whatsoever.

At the same time, the Enviroswim ES3 is less expensive to maintain and far more effective than conventional chlorine-based swimming pool systems. Put it all together and you can understand why our customers are the happiest pool owners in the world!





“Anyway so far so good. We are **extremely happy** with the **fresh water experience**, no stinging eyes, no smells & the plants we water with any excess water are still alive. We will have **no hesitation** in recommending your product.”

  
It's not what you add, it's what you take away

Find out more at [enviroswim.com](http://enviroswim.com)