



ixom

**Water
Stewardship
Framework**

One Partner, Thousands of Solutions

Introduction

At IXOM, we recognise water as a vital resource essential to life. It is crucial to sustain ecosystems, industry and our way of living. As a global leader in water treatment and chemical solutions, we are committed to responsible water stewardship. Water stewardship is a collective responsibility.

Key stakeholders, of which IXOM is one, all have a role to play when it comes to protecting and using water resources sustainably, allowing us to achieve positive environmental, social and economic outcomes.

This Water Stewardship Framework articulates IXOM's contribution towards effective and sustainable water stewardship.

Our approach aims to:

- Minimise our water footprint through enhancing our efficiency, and optimising water consumption wherever possible across our operations.
- Drive knowledge sharing with our stakeholders to effect positive water outcomes, for example in water conservation, reuse and recycling, drinking water quality, or water safety.
- Provide opportunities to the community derived from the benefits of water.
- Protect and enhance ecosystems reliant on water.

Through collaboration, innovation and continuous improvement, IXOM will advance responsible water stewardship and support sustainable water access for future generations.



About IXOM



1300 + employees



9 countries



50 + manufacturing and strategic supply chain assets



Importing from 250 ports and 70 countries



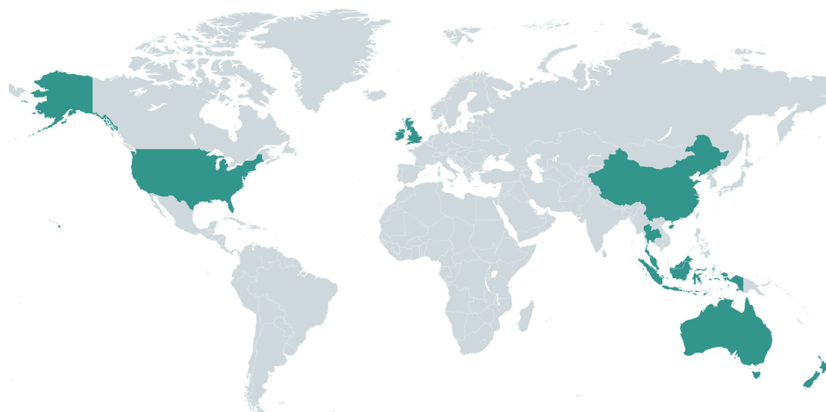
1.25M tonnes of product sold FY25



IXOM is a trusted industry leader in water treatment and chemical solutions. Headquartered in Australia, with operational bases in four continents and nine countries, including New Zealand, Southeast Asia, the UK and the US.

Drawing on over 100 years of heritage, IXOM specialises in the delivery of source water and wastewater treatment solutions critical for ensuring clean water supply, as well as the supply of essential chemical products and food ingredients for other industries.

Supported by over 1,300 employees globally, the chemicals and products manufactured and distributed by IXOM are fundamental components that keep a wide range of industries operating, including water treatment, dairy, agriculture, power generation, food and beverage, pulp and paper, mining and metals and construction.



IXOM has 36 manufacturing locations globally. Processes at these sites rely on water to meet the needs of our customers, at times in areas suffering water scarcity. Optimising the use of this scarce resource is our corporate responsibility.

IXOM understands water is a shared resource, with high economic, environmental and social importance. This is why water stewardship features as a material topic within our ESG Framework to ensure it receives the attention it deserves.

So what is our Water Stewardship Framework?





Our Framework

IXOM's Water Stewardship Framework is broken down into four key areas.

By focusing on these aspects of water stewardship, we derive key actions that support our commitment to ensure that water is available to meet the needs of all our stakeholders into the future.

01

Water Conservation

Conserving water within our operations

Seeking out alternative uses to potable water where possible

02

Knowledge Sharing

Building knowledge on the best water treatment processes

Identifying opportunities for our customers to reduce water within their processes

03

Community Benefit

Providing solutions to improve drinking water quality, clean up wastewater discharges, and reduce algal blooms

Supporting safe community recreational use of water that also has additional cultural and social benefits

04

Environmental Benefit

Enabling environmentally safer operations for our customers

Supporting conservation and habitat rehabilitation



01 Water Conservation

Conserving water within our operations

IXOM Botany has an ion-exchange unit that uses resin to remove hardness from the brine before it enters the plant's electrolyzers. Demineralised (demin) water is used throughout several steps of the regeneration cycle.

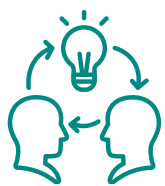
We identified that the demin flow rate in five of the regeneration steps is almost double the design values. Over the past year, we have gradually reduced the flow rates for two of these steps which has lowered the unit's monthly demin water consumption by approximately 44kL.

In future, we will look to reduce the flow rates in the remaining three steps. Implementing these changes is expected to further reduce the unit's monthly demin water consumption by up to 159kL, which is the approximate annual usage of one residential house, every month!

Seeking out alternative uses to potable water where possible

Where practicable, our sites collect and use rainwater or wash-down water.

Having close proximity to a third-party recycled water treatment plant at IXOM's Botany site, IXOM take the opportunity to procure treated groundwater as a way of reducing potable water consumption for use in site operations such as cooling towers.



02 Knowledge Sharing

Building knowledge on the best water treatment processes

IXOM assists customers to optimise their water treatment processes. In an example from a poultry processing facility, IXOM designed an optimised chemical program with ongoing onsite support to address the facility's complex trade waste and environmental compliance requirements.

Utilising tailored chemical program and backed by data management, reliable reporting and full visibility across compliance metrics, IXOM transformed the wastewater treatment process to result in enhanced effluent quality and improved sludge management, with overall total suspended solids (TSS) removal efficiency improved by over 30%.

Identifying opportunities for our customers to reduce water within their processes

IXOM conducts water audit projects for key customers. In one such instance, IXOM conducted a review for a food manufacturer.

The project investigated the customer's water balance and hydraulic challenges to identify the sources of effluent water and opportunities for optimisation, as well as recommending specific water reduction strategies.

The results from this project indicated many economically viable opportunities to improve water conservation through programming, mechanical, and operational changes, with IXOM identifying water savings of 23 ML/annum across clean-in-place processes, utilities, and stormwater capture opportunities.



03 Community Benefit

Providing solutions to improve drinking water quality, clean up wastewater discharges, and reduce algal blooms

IXOM is an industry leader when it comes to innovative solutions that simplify water treatment, especially for regional and remote operations.

For example, the IXOM Cube® is a fully self-contained, factory-tested modular dosing system designed to make chemical handling safer, simpler, and more reliable. Locally designed and built, it fits a standard 1,000-litre IBC and integrates bunding, a 200-litre day tank for uninterrupted dosing, and an enclosed pump and valve assembly.

Factory assembly and testing are completed before delivery, minimising reliance on specialist contractors and reducing site visits, the integrated day tank ensures continuous dosing during IBC change-outs, and the enclosed design simplifies operation and maintenance. These features result in more reliable treatment outcomes in locations where resources and access are limited.

Supporting safe community recreational use of water that also has additional cultural and social benefits

Over the last 15 years, IXOM has supported Royal Life Saving WA through in-kind support for remote indigenous community pools in the Pilbara region of Western Australia.

As well as directly enabling safe water usage by reducing the cost of water treatment materials, IXOM's support assists Royal Life Saving WA to deliver a range of swimming and water programs to empower remote Aboriginal communities.

The benefits of the Remote Pools Project are improved swimming and water safety skills to encompass improved school attendance, improved health and wellbeing, better connection to country, stronger family and community connection, and greater self-determination and autonomy.



04 Environmental Benefit

Enabling environmentally safer operations for our customers

IXOM supported a large mining customer to deliver on their obligation to ensure water that falls on their site is collected, treated and tested to make sure it's not detrimental to the environment before being discharged into any waterways.

The mine sought to take water treated for the environment a step further and become self-sufficient from a water perspective, in turn reducing strain on the local water authority by treating the mine-influenced water to potable standard.

IXOM designed and built a 20 ML/d water treatment plant capable of treating brackish mine-influenced water to produce three streams: potable water (0.15 ML/d), process water (1.5 ML/d), and water fit for environmental discharge (18.5 ML/d).

Supporting conservation and habitat rehabilitation

IXOM is a long-standing supporter of the Taronga Conservation Society and Zoos Victoria, providing water treatment chemicals that enable clean and safe water critical to maintaining habitats in animal enclosures and other aspects of zoo operations.

Our support underpins the zoo's sustainability and conservation efforts, helping to fight wildlife extinction, safeguarding biodiversity, conservation of native species, and habitat rehabilitation.



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