

Biosolids and Sludge Management Policy

Water Corporation is committed to the responsible use and management of the products generated by our wastewater service to meet public health, environmental and social expectations, and our corporate objectives and vision.

We are also committed to Western Australia’s Waste Avoidance and Resource Recovery Strategy 2030 vision of a sustainable, low-waste, circular economy. Biosolids and sludge are the largest contributors to our solid waste footprint.



Manage biosolids quality

Progressively implement a best-practice, multi-barrier approach to manage wastewater quality risks from source to end point and drive continuous improvement to ensure the quality of our biosolids and sludge products.

Plan and design biosolids and sludge treatment processes according to the requirements of end users and available recovery markets. Rely on third party treatment only where providers demonstrate robust quality control.

Meet health and environmental standards

Meet public health, environmental, social, and corporate expectations in the management of biosolids and sludge services in line with relevant agreements, licences, regulations, and corporate standards.

Contribute to the development of regulations, guidelines, and standards relevant to public health and the environment for biosolids and sludge management.

Maximise biosolids and sludge recovery

We aim to recover 100 per cent of this product from Perth Metropolitan region, and 75 per cent from regional areas.

Maintain access to multiple markets for sustainable management of biosolids and sludge. Use commercial agreements to ensure third parties meet quality requirements.

Engage with stakeholders

Collaborate with relevant agencies, biosolids customers, and industry partners to continually improve handling and management of biosolids and sludge.

Engage with employees, contractors, stakeholders, and the community by communicating relevant issues and understanding their expectations for biosolids and sludge management.

Improve our practices

Investigate, evaluate, and implement advanced treatment technologies to increase resource recovery, reduce risk, and diversify management options.

Collaborate with researchers and industry partners to manage emerging risks to biosolids and sludge recovery, public health, and the environment.

Water Corporation will implement and maintain processes and procedures consistent with the WA Guidelines for Biosolids Management to safely and sustainably manage biosolids and sludge recovery.

All Water Corporation employees, partners, and contractors are responsible for understanding their role in implementing and continuously improving biosolids and sludge management.

In the spirit of reconciliation, Water Corporation acknowledges the Traditional Custodians of Country throughout Western Australia and their enduring connection to the land, sea, and community. We pay our respects to Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples today.


Pat Donovan
Chief Executive Officer, Water Corporation