



# Biosolids and Sludge Management Policy

Water Corporation is committed to the vision of the Waste Avoidance and Resource Recovery Strategy 2030<sup>1</sup>, for WA to become a sustainable, low-waste, circular economy in which human health and the environment are protected from the impacts of waste. Biosolids and sludge are the largest single contributors to Water Corporation's solid waste footprint, and we aim to recover<sup>2</sup> 100 per cent of this valuable resource from Perth metro region, and 75 per cent from regional areas. We are committed to the responsible use and disposal of biosolids and sludge products generated by our wastewater service to meet public health, environmental and social expectations, and our corporate objectives and vision.



## Manage biosolids quality

Implement the *WA Guidelines for Biosolids Management* through existing and new Water Corporation processes.

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



## Meet health and environmental standards

Meet public health, environmental, social and corporate expectations in the management of biosolids and sludge services as detailed in 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

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

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 biosolids and sludge management.

Engage with employees, contractors, stakeholders, and the community by informing them of relevant issues and listening to their expectations of biosolids and sludge management.



## Improve our practices

Investigate, evaluate, and implement advanced treatment technologies to increase resource recovery, reduce risk, and improve biosolids and sludge management.

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.

Water Corporation acknowledges the Traditional Custodians throughout Western Australia and their continuing connection to the land, water and community. We pay our respects to all members of the Aboriginal communities and their cultures; and to Elders past, present and emerging.

**Pat Donovan**  
Chief Executive Officer, Water Corporation

PCY310  
July 2023

<sup>1</sup> [www.wasteauthority.wa.gov.au/publications/view/strategy/waste-avoidance-and-resource-recovery-strategy-2030](http://www.wasteauthority.wa.gov.au/publications/view/strategy/waste-avoidance-and-resource-recovery-strategy-2030)  
<sup>2</sup> "Recovery" is defined to include reuse, reprocessing, recycling and/or energy recovery.