

Plumbing & Wastewater Brief – Tiny Houses on Wheels (THOW)

Overview

Wastewater management is a key consideration for Tiny Houses on Wheels. The aim is to provide safe, low-impact, and practical solutions that align with public health requirements without requiring permanent building integration.

Blackwater (Sewage)

Proven and widely accepted solutions include:

- Composting toilets
- Incinerating toilets
- Contained portable systems

These systems minimise environmental impact and are already recognised within off-grid and caravan contexts.

Greywater (Primary Consideration)

Greywater can be managed through controlled, low-risk pathways:

1. Connection to Existing Dwelling (Preferred)

Connection via gravity or pump (e.g. macerator) into existing approved systems. Uses existing infrastructure and reduces risk.

2. Contained Collection & Removal

Greywater stored in tanks and removed by licensed contractors. Provides a fully controlled solution.

3. Small-Scale Treatment Systems

Compact systems may be used where appropriate, subject to compliance with health standards.

Typical System Pathways

THOW	Blackwater	Greywater
	Compost / Incinerate	→ Existing House System
		→ Tank & Removal
		→ Treatment Unit

Key Principle

Wastewater solutions should be **risk-based and proportional**, reflecting the scale and mobility of THOW.

Conclusion

Safe and practical wastewater solutions exist that protect public health while allowing flexible housing outcomes without full building classification.

Prepared for advocacy and policy discussion purposes.