



Fact sheet | March 2026

Homebush Liquid Treatment Plant

Our liquid treatment plants

Our liquid waste treatment plants are the first stage in the safe management of liquid waste. Our facilities treat incoming waste to remove potentially harmful materials before it progresses to further treatment or disposal, helping to protect the environment and community.

Key functions

- **Preliminary treatment:** Incoming liquid waste first passes through screening and grit removal systems to remove larger debris and heavy particles.
- **Primary treatment:** The waste is then mechanically separated using a high-speed rotating device called a centrifuge. This process divides the waste into solid and liquid components.
- **Secondary treatment:** The solid material is dried in enclosed systems to produce a stabilised product suitable for landfill disposal. The liquid component is further treated to remove contaminants such as hydrocarbons and dissolved metals.
- **Final treatment:** The liquid stream is processed through a biological treatment system to break down remaining organic material and ammonia. The treated liquid is then discharged as trade waste in accordance with regulatory requirements.

Key features of the plant

- Liquid waste and by-products are stored in enclosed tanks and transferred through sealed piping systems.
- Extracted materials are recycled back through the treatment process where appropriate.
- The site includes two gas-fired furnaces: one supports the solids drying process and the other operates continuously to treat odorous air.
- No liquid waste is incinerated as part of the treatment process.



Working with our environment

Cleanaway collaborates with residents and regulators to minimise environmental impact by applying best practices in waste management and conducting regular environmental assessments, demonstrating a strong commitment to the community:



Community involvement

Engaging communities for transparent communication and alignment with local needs.



Regulatory compliance

Activities conducted at Cleanaway sites comply with environmental regulations and guidelines.



Sustainability

Our framework is built on four core pillars: Recovering Resources, Protecting the Environment, Reducing Emissions and Working Together. These pillars align with our key focus areas, guiding our efforts to promote accountability and aim to deliver impactful environmental and social results.



Reporting

Implementing systems to monitor site work impacts for compliance, environmental protection, community safety and sustainability.

For more information on environmental reporting, you can visit the following resources:



cleanaway.com.au/environmental-management



epa.nsw.gov.au/Working-together/Community-engagement/updates/greater-sydney/sydney-olympic-park-odours

We'll soon be sharing our Community Reference Group Expression of Interest form. Keep an eye out so you can get involved!

If you have any questions or would like to speak with Cleanaway, please contact us using the following contact details.

Contact us



1800 213 753



community.NSW@cleanaway.com.au



PO Box 1002 Menai
Central NSW 2234



cleanaway.com.au

Interpreter service

For languages other than English call (07) 4863 4444

Korean - "Cleanaway를 인용해 주세요."

Cantonese - 請說明「Cleanaway」。

Mandarin - 请说明“Cleanaway”。

Nepalese - कृपया "Cleanaway" कोट गर्नुहोला।

Tamil - தயவுசெய்து Cleanaway

எனக் காறிப்பிடவும்