

THE SAFEST PLACE FOR AUSTRALIA'S HAZARDOUS WASTE



We believe our geological repository at Sandy Ridge is the safest location for Australia's hazardous waste. To learn more visit our website.



SAFETY | SERVICE | PEOPLE | SUSTAINABILITY

Who is Tellus?

Tellus is an innovative environmental services company cleaning up hazardous waste across Australia by developing and operating geological repositories and reinvesting in its communities through the circular economy.

Why Does Tellus Exist?

Australia produces more hazardous waste per capita than any country in the world, including an estimated 8 million tonnes of hazardous waste annually, along with significant volumes of unreported waste and decades of stockpiles. Before Tellus' Sandy Ridge facility, few options existed to adequately handle such waste.

How Will Tellus Help Solve Australia's Hazardous Waste Issues?

By bringing a solution that has been used for decades in North America and Europe to solve the most challenging types of hazardous waste issues – that of a geological repository.

What is a Geological Repository?

- It is **NOT** a landfill. A landfill is an opencut mine with a liner that will one day break and cause pollution (this is why there are limits to the types of hazardous materials that can be disposed of in a landfill).
- Tellus' geological repository is totally different – it does **not** have a liner. Instead, its safety case is built on the natural barriers of our site (geologically stable, no groundwater, far away from people and a thick bed of clay).
- Multiple international experts independently confirmed that Sandy Ridge has some of the best geology in the world.

Sandy Ridge:

Sandy Ridge is located north of Kalgoorlie in WA and is Australia's first commercial geological repository. It is fully open to accept up to 100,000 tonnes per annum and this capacity can be increased materially with a major opportunity.

Sandy Ridge is purely a domestic solution and **only accepts waste from Australia** and its Exclusive Economic Zone.

Value of Sandy Ridge to Waste Owners:

- It can accept nearly any type of waste in nearly any form (liquids, solids, sludges) and typically without treatment.
 - For example, Tellus can take NORM from offshore oil and gas decommissioning, PFAS and AFFF, DSRS and LLW, arsenic, mercury and nearly all other forms of hazardous material.
 - Tellus' PFAS capabilities are second to none – approved by Commonwealth and State Governments for PFAS disposal, no leachate limits, not volume constrained, can accept both liquids (concentrate and dilute-waters) and solids (up to 50mg/kg) without pre-treatment. Site storage and permanent isolation processes comply with the requirements of PFAS NEMP 2.0.
- Tellus has **pre-funded** all of its post-closure liabilities and has \$50m in pollution liability insurance. These safeguards, together with its world class safety case, ensure that there is nearly zero risk of liability reverting to a waste owner.
- On the strength of the points above, Tellus is the only company that can issue a Tellus Permanent Isolation Certificate™, which is backed by “Big 4” accounting advice confirming that, when Tellus takes risk or title to waste, the

former waste owner can remove **all** disposal liability from its balance sheet. This is tangible value.

- Tellus manages the process end-to-end (packaging, permitting, loading, transport, testing, etc.).
- Better ESG outcomes:
 - Tellus invests in circular economy technologies and expects to implement its first solution later this year.
 - Materially lower carbon emissions compared to alternatives (e.g. offshore shipment, incineration and treatment).
 - First in industry to go 100% solar during daylight hours.
 - Option to safely store and isolate hazardous waste for future recovery options.

Value of Sandy Ridge to Government:

- Key partner in post-COVID economic recovery** by ensuring that new infrastructure and development projects are not derailed by challenging waste streams. For example, work on the Westgate Tunnel in Melbourne has stopped due to an inability to safely dispose of 3 million tonnes of contaminated soil. Tellus can help ensure this never happens again.
- “Green Enabler”** by solving hazardous waste problems stemming from “green” projects (e.g. solar panels and lithium).
- “Our Waste, Our Problem”**: supports the Commonwealth government's policy initiatives by providing Australia with a world-class domestic hazardous waste solution, so such waste does not have to be shipped offshore.
- Protects communities and the environment** using a world-class solution to help ensure hazardous waste cannot harm anyone, anything, ever again.