

Thuroona Services



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Thuroona Services is proud to be a Supply Nation Certified Supplier and believes in Indigenous empowerment and employment. Together with HazRad Australia our overall aim is to add value to our client's triple bottom line – delivering environmental, financial, and social benefits through tailored management solutions.

Together we provide a bespoke service, designed to help you manage your hazardous materials, recycling and waste.

Between Thuroona Services and HazRad Australia we provide responsive, cost effective, and sustainable hazardous waste solutions through technical expertise and innovation.



Sectors

EXPERTS IN THEIR FIELD:

- UNRESTRICTED ASBESTOS REMOVALIST
- LICENCED ASBESTOS ASSESSORS
- CONTAMINATED SITES PRACTITIONER
- OCCUPATIONAL HYGIENIST
- INDOOR AIR QUALITY SPECIALIST
- ENVIRONMENTAL SCIENTIST
- INDUSTRIAL CHEMIST
- INDIGENOUS COMMUNITY LIAISON REPRESENTATIVE
- PROJECT MANAGER
- SITE SUPERVISOR



GOVERNMENT



DEFENCE



MINING



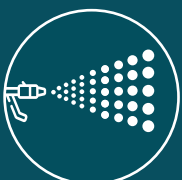
OIL & GAS



CHEMICAL & MANUFACTURING



PETROCHEMICAL



AGROCHEMICAL



PHARMACEUTICAL



UTILITIES



POWER



WATER



HEALTHCARE



HOSPITALITY



LOGISTICS

Indigenous Engagement

Thuroona enjoys wide cultural diversity with its employees; many with Indigenous heritage from all over Australia



Our company's indigenous heritage includes the following tribes:

BARKINDJI

GUNDITJMARA

KAMILAROI

MALYANGAPA

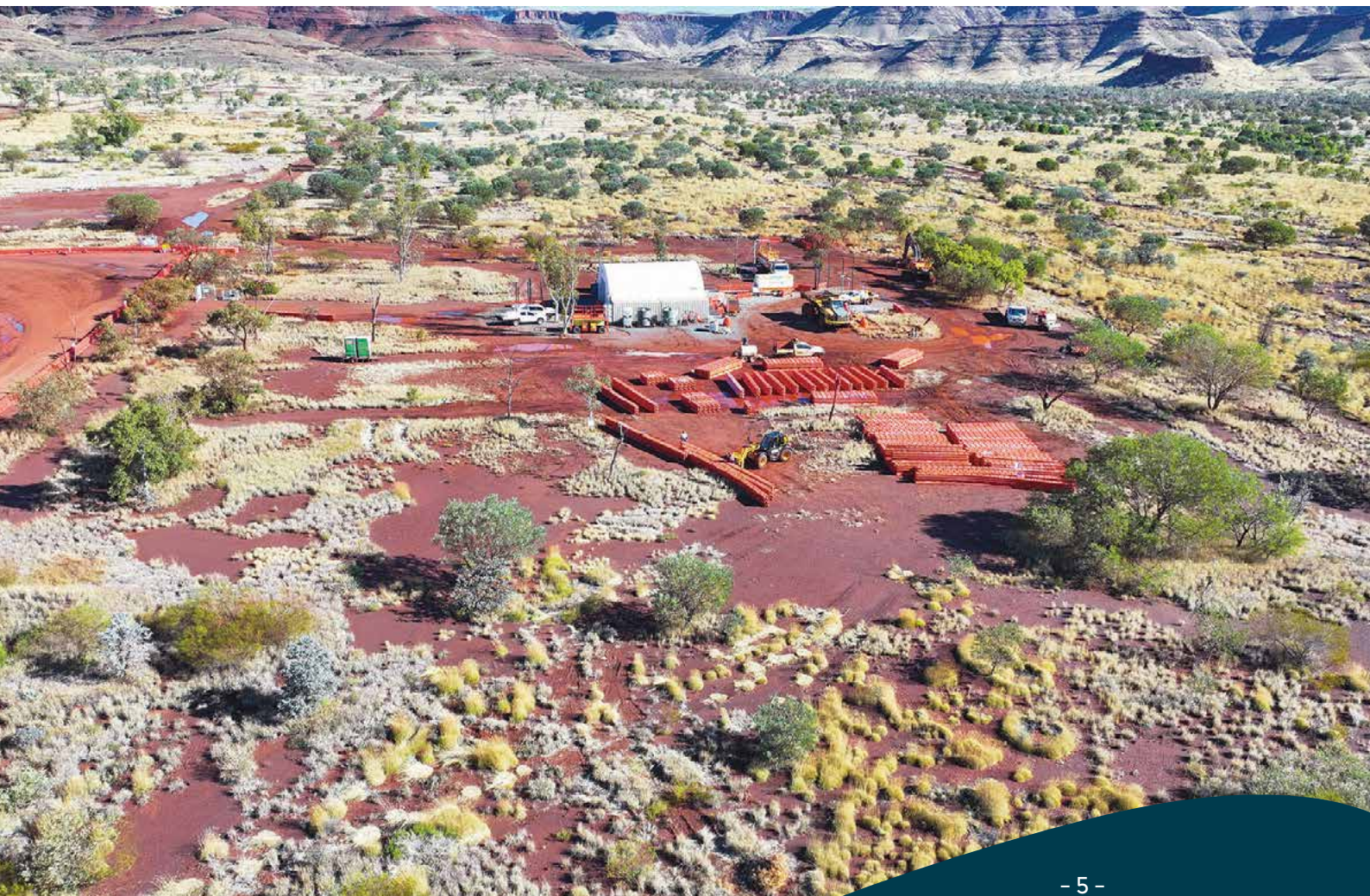
WAILWAN

WONGI

YAMATJI

NOONGAR

NGIYAMPAA





Hazardous Materials Management

Thuroona Services, in partnership with our sister company, Hazrad Australia, provides a wide variety of services for the management of controlled and dangerous waste and hazardous materials.

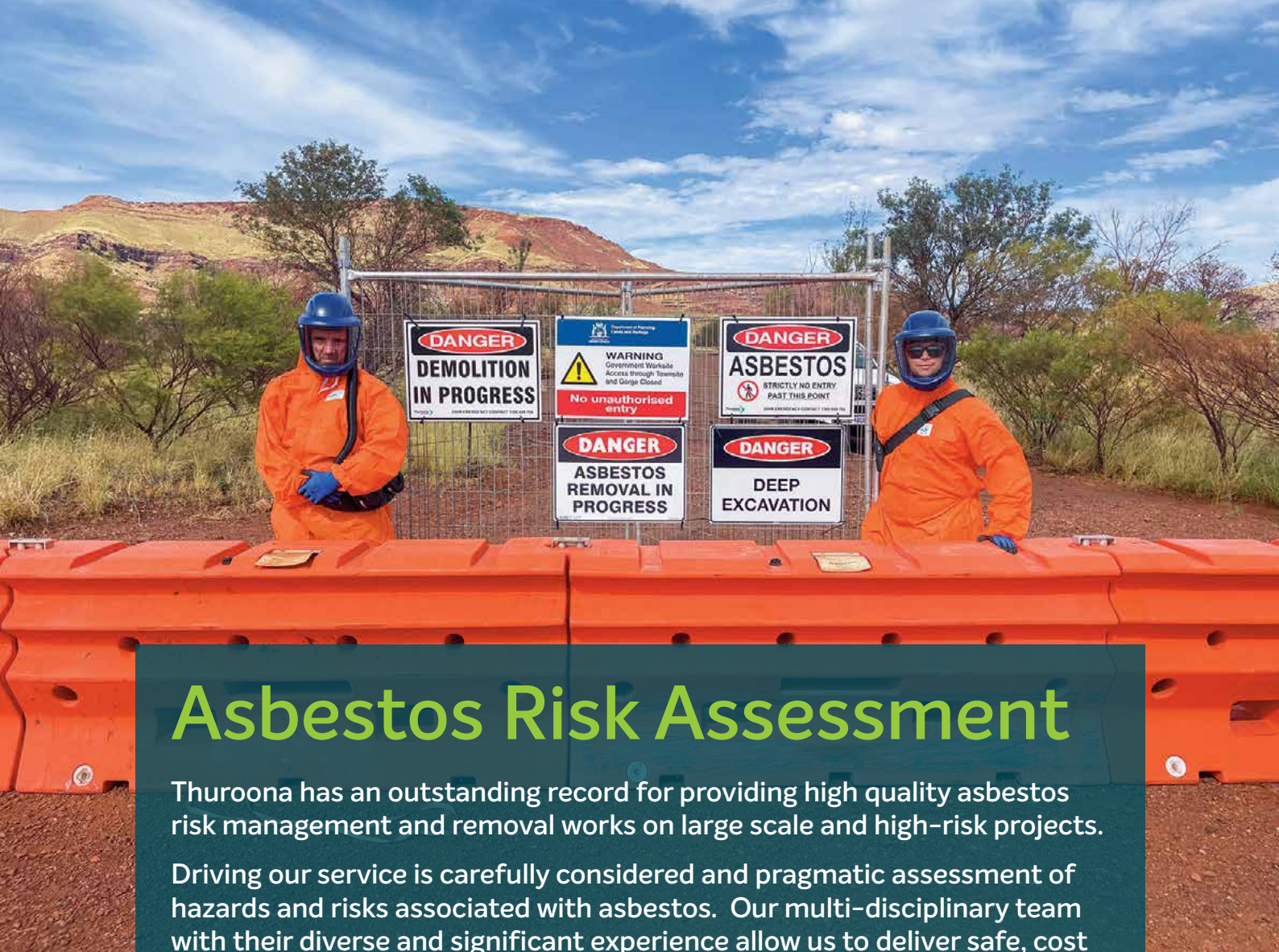
SUCH AS:

- Asbestos containing material
- Synthetic mineral fibres
- Heavy metal contaminants
- Clandestine drug lab waste
- Acid sulfate soils
- PCBs
- Intractable waste
- Radioactive materials
- PFAS
- Bulk liquid waste
- Hydrocarbon waste
- E-waste

If you have an urgent need for emergency pollution response or clean-up service, Thuroona is available 24 hours a day, 7 days a week.

We have access to a specialist fleet of personnel and vehicles for the recovery of a range of waste streams.

Our technical experts can provide you with specialist advice to effectively manage your on-site risks, types of waste, and approved treatment and disposal methods.



Asbestos Risk Assessment

Thuroona has an outstanding record for providing high quality asbestos risk management and removal works on large scale and high-risk projects.

Driving our service is carefully considered and pragmatic assessment of hazards and risks associated with asbestos. Our multi-disciplinary team with their diverse and significant experience allow us to deliver safe, cost effective and timely solutions to asbestos problems.

RECENT PROJECT EXAMPLES:

- › Kalbarri (TC Seroja Recovery) – supported the State Government with time-critical, strategic asbestos risk management advice and mitigation measures, in response to widespread asbestos contamination. Our work aided the quick reinstatement of critical infrastructure, essential to keep the town open.
- › Detailed asbestos risk assessment and the evolution of bespoke risk management strategies enabled cost effective management of asbestos exposure risks to the former townsite of Wittenoom and the surrounding roads allowing safe demolition of the Townsite.
- › Asbestos risk assessment and advice to State agencies in response to structural fires and asbestos uncontrolled fibre release e.g., Broome Primary School; Gingin District High School; Narrogin Residential College; and Carine Secondary School. Thuroona also provided asbestos emergency response and clean-up services following the fires or fibre release events.



Asbestos Removal

Thuroona has an outstanding record for conducting high quality asbestos removal works on complex sites.

We specialise in asbestos removal projects for the industrial, government, commercial and civil sectors. Thuroona is licenced to remove all types of asbestos and holds a Class 1 Demolition license allowing us to cover all aspects of site removal and clean-up processes.

RECENT PROJECT EXAMPLES:

- Pemberton Timber Mill – asbestos removal and demolition of 4,500 historic timber mill destroyed by fire. A dedicated wash zone allowed cleaned, asbestos free, steel to be recycled off site. This Innovative approach saw diversion of > 600 tonnes of steel that would have otherwise required disposal as asbestos waste.
- Mariginiup Bushfire Recovery – engaged by the City of Wanneroo to conduct controlled demolition and remediation across 14 fire and asbestos impacted properties across the fire ground.
- Former Herbarium Kensington – a three storey building extensively contaminated with loose fibre asbestos from pipe lagging disturbed by copper thieves and vandals. Works required removal of all asbestos materials including wall, ceiling, and floor cladding over a 13 week program.
- Kalbarri District High School (TC Seroja Recovery) – provided emergency asbestos clean-up following widespread asbestos contamination of the school and grounds. More than 30 personnel were mobilised to complete the clean-up on a very tight schedule, and in the midst of a state-wide Covid 19 lockdown.
- Asbestos remediation of 50+ asbestos impacted vehicles at a large pastoral station in the Pilbara region.



Emergency Response

Our dedicated emergency response hotline allows Thuroona Services and Hazrad to rapidly respond to emergency spills and contaminant exposure scenarios. We are available 24-hours per day, 7 days per week to assist businesses with the rapid removal of any spills from emergencies, illegal tipping or unforeseen events.

INCIDENTS COVERED INCLUDE:

- › Liquid spills
- › Illegal tipping
- › Chemical discharge
- › General waste spills
- › Fire & flood damage
- › Decontamination

Thuroona mobilised to Bridgetown to provide emergency support following wildfire that swept through the region and the Hester Timber Mill destroying 6,000 m³ of stored CCA timber. Services included: quantification and encapsulation of CCA remains; soil sampling; remediation of potentially impacted homes and contents; and extensive community engagement.

Our work in the town of Kalbarri following the damage from TC Seroja, helped prevent the town from being evacuated due to uncontrolled asbestos waste on much of the town's roads. Fast deployment of specialised HEPA fitted vacuum road sweepers was part of the clean-up strategy.

Thuroona's surfactant application technology gives us unsurpassed response capability to control airborne asbestos fibre release following fires where asbestos containing material was present. Thuroona's purpose-built trailer mounted decontamination units can be deployed at short notice to anywhere in the State.

Thuroona's rapid response to emergencies allows Agencies to minimise disruption to stakeholders via fast road and site clean-up using our extensive fleet of vacuum and dangerous goods tankers. Examples include truck rollovers and weather events such as tornadoes.



Contaminated Site Remediation

Historically many land use activities have led to land and soil contamination leading to human health and environmental exposure risks.

Thuroona Services' personnel have been actively involved in contaminated sites management prior to the introduction of the WA contaminated sites Act in 2003.

Our combined 80+ years of specialised scientific and engineering experience is built on a broad range of projects and contamination profiles.

INCLUDING:

- Asbestos impacted soils
- Lead contaminated soils (firing ranges)
- Hydrocarbon and heavy metals contaminated soil and groundwater
- Acid sulphate soils
- PFAS impacted groundwater
- Unexploded ordnance

Thuroona Services brings cost effective innovation to remediation practises. Methods such as sieving, and land farming allow us to minimise conventional “dig and dump” remediation practices. We are proud of our achievements in diverting resources from landfill as part of our land remediation strategies.



PFAS Remediation

Per- and polyfluoroalkyl substances (PFAS) are man-made chemicals that have been used in a range of industrial and consumer products since the 1950s. PFAS have been used in domestic and commercial applications including in the manufacture of non-stick cookware, fabric, furniture and carpet stain protection applications, food packaging, industrial processes, and in some types of fire-fighting foam.

In recent years PFAS has been identified as a contaminant of concerns with exposure linked to a range of significant health risks. Nationally and internationally efforts are underway to reduce exposure to PFAS.

Thuroona Services have assisted clients with the remediation of PFAS impacted surface and groundwater.

Currently Thuroona Services are treating PFAS impacted surface water at a Federal Airport facility.

Our warehouse facility receives PFAS impacted water for PFAS removal and the safe disposal of residual water.



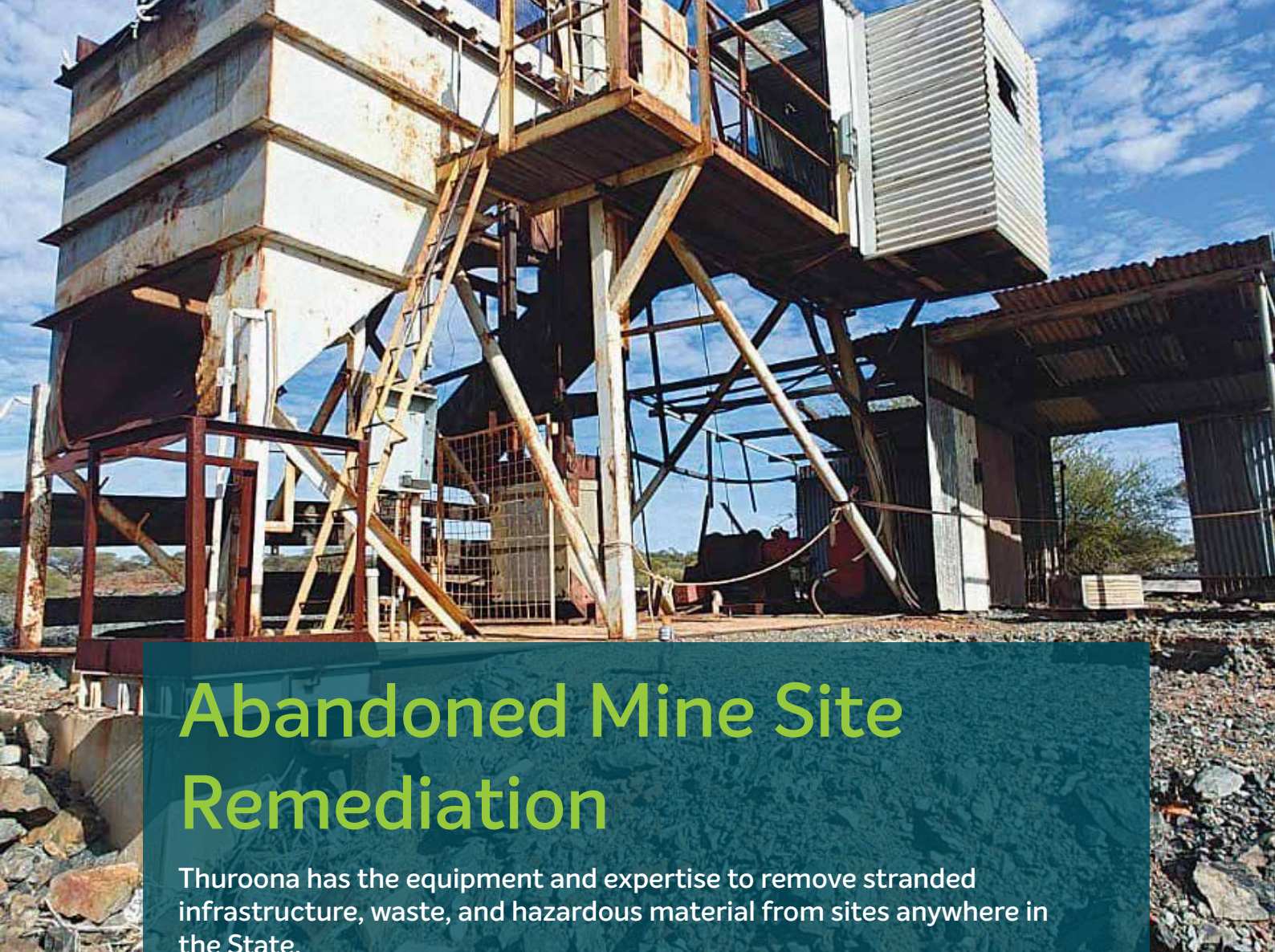
Demolition

At Thuroona we pride ourselves on being leaders in safe, efficient and innovative demolition and decommissioning services.

To mitigate against hazards and risk, we plan each step of the demolition and salvage process prior to work commencing. Typically include management of hazardous materials.

RECENT PROJECT EXAMPLES:

- Demolition of the Pemberton Timber Mill – removal of > 5,000 of asbestos cladding, 1,200 tonnes of asbestos impacted waste, and 60 tonnes of recovered clean steel.
- Demolition of the former Wittenoom townsite – the project saw more than 7,000 m³ of asbestos contaminated materials deposited into two large burial pits within the former townsite. The project had a high level of State and community engagement.
- Former Herbarium (Kensington) – following extensive removal of asbestos containing material across the floors and basements Thuroona demolished the structure removing over 70 tonnes of asbestos waste and off-site recycling of more than 2,500 m³ of concrete, brick, and steel.
- Demolition of various fire damaged houses across the Perth metropolitan area and regionally e.g., Rockingham house fire, Coolbellup condemned house, Meekatharra condemned houses following extensive asbestos removal, and Mt. Magnet house fire.
- Demolition of 25 fire damaged houses across Wooroloo following wildfire damage.

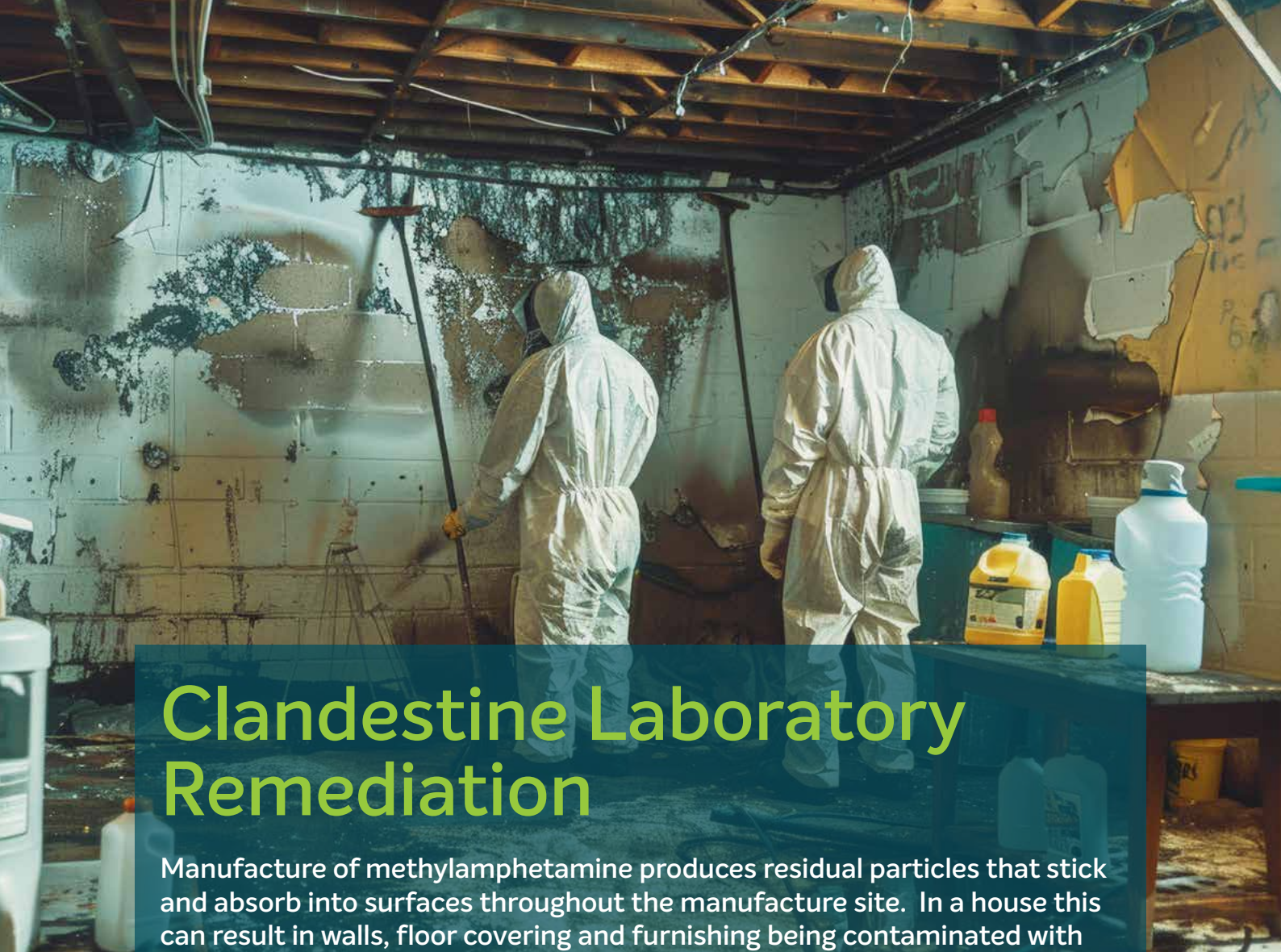


Abandoned Mine Site Remediation

Thuroona has the equipment and expertise to remove stranded infrastructure, waste, and hazardous material from sites anywhere in the State.

The team's combined expertise in demolition and logistics ensures a smooth and efficient process for your project. Supported by in-house hazmat, chemical, and safety professionals, we handle the physical dismantling of structures, subsequent management of materials and resources, and final site clean-up.

This integrated approach streamlines timelines, minimise costs, and reduce potential disruptions.



Clandestine Laboratory Remediation

Manufacture of methylamphetamine produces residual particles that stick and absorb into surfaces throughout the manufacture site. In a house this can result in walls, floor covering and furnishing being contaminated with hazardous substances throughout the entire house. Exposure to these substances can have serious health consequences.

Thuroona has the skillset, technical knowledge and proven experience to decontaminate and remediate illicit drug manufacture, and usage, sites from sheds to houses.

Our trained hygienists can assess contamination concentration throughout impacted buildings and assess risk to occupants as well as effectiveness of remediation works.



Training

We offer standard and specialised training in the removal and remediation of asbestos and mould.

We have experienced and qualified trainers who can pass on their knowledge and expertise in face-to-face settings. Our affiliation with several RTOs allows you to not only receive the theoretical knowledge you need, but more importantly receive hands-on training from Thuroona's staff, so you benefit from our experience.

CORE OFFERINGS INCLUDE:

- Asbestos and fibrous minerals awareness training
- Asbestos removal training
- Basic mould cleaning techniques
- Respiratory protection awareness training
- Chemical awareness
- Dangerous goods awareness

Thuroona can provide bespoke in-house training to meet your needs.

Hazardous Materials training is not a one-size fits all approach. Many organisations have a unique training or site specific requirement that cannot be met by either open courses or off the shelf training courses.

Your employees will be able to benefit from a customised training course developed by Thuroona's experienced staff that has been tailored to their needs and organisation's structure. The training is tailored to your company's needs. It also reduces the amount of time and effort required to design and conduct an in-house training program. A bespoke training program allows you to prioritise the skills and areas that are most important for your business.

Thuroona Services



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