



Unyte

Our capability



Unyte acknowledges the Traditional Custodians of the lands upon which we work, live and socialise.

We pay our respect to their Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples who we recognise as Australia's First Peoples whose cultural practices continue today.



Breaking new ground.

With a history stretching back decades, Unyte collaborates with our clients to solve the most complex construction challenges to facilitate a smooth, successful delivery each and every time. We're focused on tailored solutions and reliable delivery in complex project environments, bolstered with access to the nation's largest fleet of plant and specialised support personnel.

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At the heart of every solution is resourcefulness

We're problem solvers. We break each project apart and work out exactly what's required to solve complex construction challenges, backed by the resources to meet the specific needs of our clients no matter the size of the job.

With access to a huge range of plant, equipment, specialised attachments and associated services, along with highly skilled operators, project and engineering teams, we can hit the ground running quickly, reducing the time it takes to get things done.

For more specialised quarry procurement, equipment or spare parts, we have strong purchasing power and exclusive industry partnerships, enabling you to access what you need at competitive prices.

Beyond our physical assets, we instill a culture of ownership in our team, performing best when our people are engaged, inspired and proud to support a project.

Navigating the challenges of construction

We thrive in the complex environment that construction creates.

From the goals and set objectives of clients, to the everyday needs of communities, our task is to plan, resource and deliver complete end-to-end solutions that exceed expectations and make a positive difference.

Unyte has accreditation to the National Prequalification System through Austroads for road construction (R2), bridge construction (B1) and financial level (F75).

Capability that spans sectors

With a history of success in multiple sectors and a team built around broad specialisations, there's not much we can't do.

We support tier 1 and 2 contractors on major infrastructure and renewable projects, right through to more specialised and unique works with smaller clients.

We've seen it all and conquered the lot, from bulk earthmoving and site preparation to operating and managing quarry works.

We've operated in just about every site condition imaginable. We're experts in all excavation and earthwork methods, and pride ourselves on adding value to any project by streamlining efficiencies and extending productivity.

Our broad capability sees us build infrastructure that's in it for the long haul, led by our team of skilled engineering staff.

Fueling the future requires plant that's up to the task. Our extensive fleet has every tool needed, with our teams particularly excelling at earthworks.

Our design and construction capabilities give us the unique opportunity to provide end-to-end rail project delivery.

From self-management to bolstering others, we produce leading construction materials, including owned premium granite and thermal resistant sands.

Our work provides critical support for the entire waste life cycle, from constructing essential cells through to capping and management of contaminated materials

Utilising our diverse plant, we deliver high-quality turnkey services that provide unique and for-purpose subdivided spaces.

Our strong and diversely located team enables us to support the clean-up of natural disasters, from waste removal to generative forestry.

Infrastructure

Renewable energy

Rail

Quarries

Landfill and remediation

Subdivisions

Disaster recovery

Kennedy Community Centre



The Kennedy Community Centre, established by the Hawthorn Football Club in Dingley Village, Melbourne, is a premier training and administrative hub spanning 28 hectares, valued at \$100 million and partially funded by the Victorian Government.

Designed to provide top-notch amenities and resources, it caters to the club's training and administrative requirements.

While this is an ongoing project, our biggest innovation so far is recycling the site strip topsoil for use in the landscaping works.

Our scope of work included:

- Constructing a community pavilion and oval built to ensure gender equal facilities and public amenities.
- Constructing training facilities
- Landfill capping
- Engineering fill placement
- Staged landscaping throughout the project duration.



Sale Greyhound Racing Victoria

The Sale Greyhounds Track project is a component of a comprehensive five-year initiative undertaken by Greyhound Racing Victoria (GRV) to enhance essential infrastructure across racing clubs throughout the state.

Unyte's scope of work included a comprehensive 4,500m² regrading and widening of the track along with implementation of a new lighting system, 1.8km of concrete and kerbing, a redesigned track fencing layout and the installation of new motorised lure rail infrastructure.

We collaborated closely with our local subcontractors to complete the works four weeks ahead of schedule.



Cowper Street Capital Improvement Project

The Cowper Street Capital Improvement Project aims to improve community safety and accessibility by transforming the street into a functional and appealing thoroughfare. Key features of the plan include: a new road surface, improved drainage, pedestrian footpaths and footbridge, greenery and landscaping, as well as lighting to enhance safety at night.

Unyte's scope of works included drainage and pit construction, road excavation and pavement construction, handling and disposal of contaminated materials, concrete sleeper retaining walls, permeable footpath construction, structures (stairs and channel crossing bridge), landscaping and traffic Control.



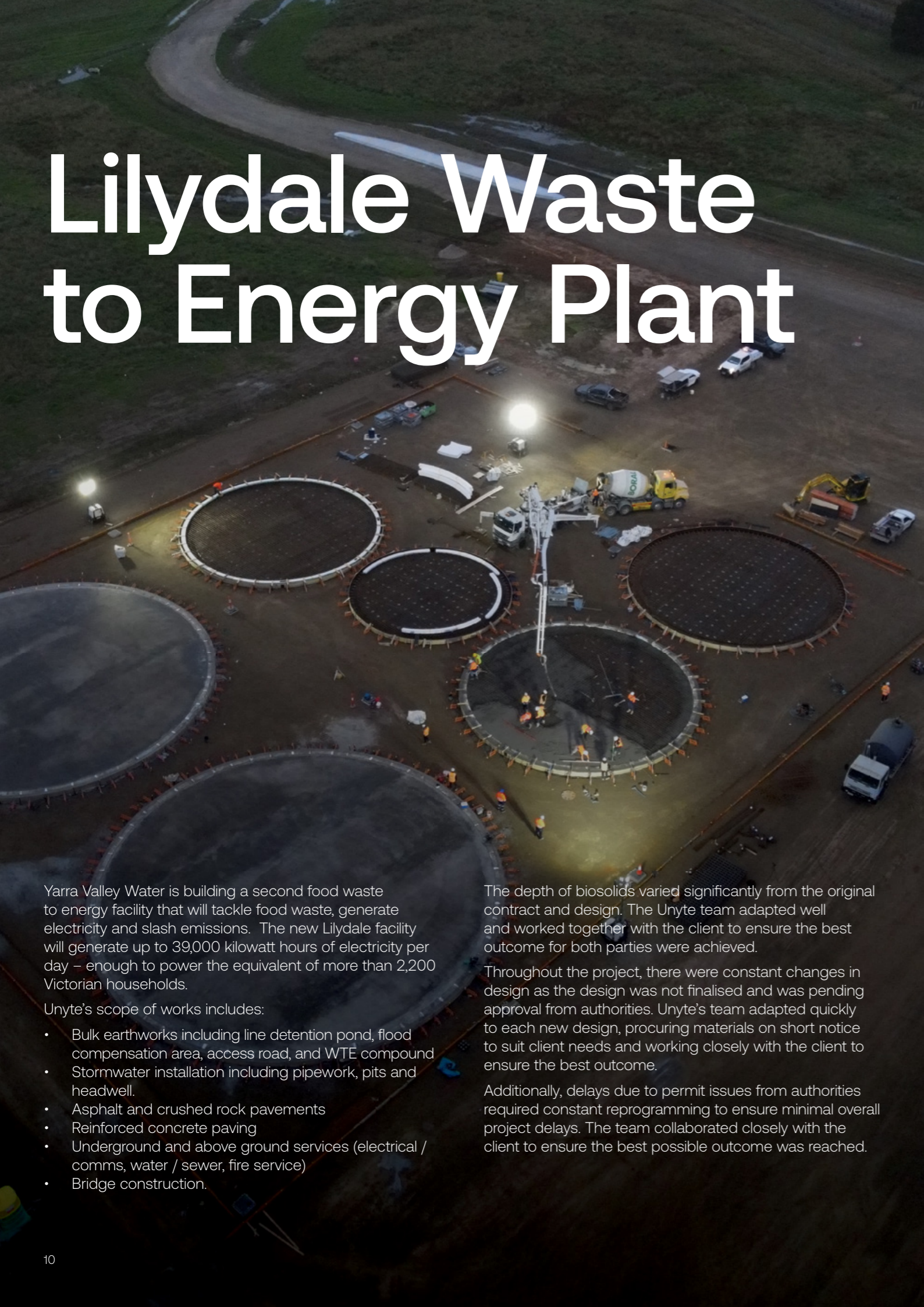
Northern Memorial Park

Unyte was tasked with delivering the first stage of works for a new section of Mausoleums at Northern Memorial Park for The Greater Metropolitan Cemeteries Trust.

These works involved cut to fill earthworks, the construction of the roadways and access lanes for the Mausoleum precinct, drainage and hydraulics installation as well as planting and landscaping of the area.

Completing the earthworks within the works zone around protected trees required careful planning to coordinate and stagger plant movement and work areas each day. Consistent review of the program was crucial, as drainage and hydraulics works ran concurrently with road earthworks, which overlapped in most sections.

Lilydale Waste to Energy Plant



Yarra Valley Water is building a second food waste to energy facility that will tackle food waste, generate electricity and slash emissions. The new Lilydale facility will generate up to 39,000 kilowatt hours of electricity per day – enough to power the equivalent of more than 2,200 Victorian households.

Unyte's scope of works includes:

- Bulk earthworks including line detention pond, flood compensation area, access road, and WTE compound
- Stormwater installation including pipework, pits and headwell.
- Asphalt and crushed rock pavements
- Reinforced concrete paving
- Underground and above ground services (electrical / comms, water / sewer, fire service)
- Bridge construction.

The depth of biosolids varied significantly from the original contract and design. The Unyte team adapted well and worked together with the client to ensure the best outcome for both parties were achieved.

Throughout the project, there were constant changes in design as the design was not finalised and was pending approval from authorities. Unyte's team adapted quickly to each new design, procuring materials on short notice to suit client needs and working closely with the client to ensure the best outcome.

Additionally, delays due to permit issues from authorities required constant reprogramming to ensure minimal overall project delays. The team collaborated closely with the client to ensure the best possible outcome was reached.



Stockyard Hill Wind Farm

As part of the Stockyard Hill Wind Farm, local roads and intersections were upgraded to accommodate additional traffic and oversized vehicles.

Unyte were appointed to complete the Beaufort-Carranballac Road and Toppers Lane Intersection located in Stockyard Hill. This project involved removing and upgrading 4,665m of existing road pavement, upgrading intersection drainage and swales and installing a new splitter island, re-sealing and line marking.

A great example of Unyte's ability to deliver projects wherever our clients require, whether regional or metropolitan you can rely on the team to deliver to the highest standard.



Goyder Wind Farm

The Goyder Renewables Zone is one of the largest renewable energy projects in South Australia.

Elecnor Group was awarded the first stage of the 412MW Goyder South Wind Farm, in a consortium with GE Renewable Energy. Located 100km from Adelaide, the wind farm, once completed, will be equipped with 75 turbines.

The Goyder Renewables zone is expected to be completed in 5 stages, 3 stages in Goyder South comprising of 1200MW of wind generation, 600MW of solar generation and 900MW of battery storage. Goyder North will be completed in 2 stages, made up of wind generation only.

Unyte was engaged to complete bulk earthworks, haul road construction, blade laydown construction, crane hardstand construction and excavation of turbine footings.



Culcairn Solar Farm

The Culcairn Solar Farm is a 440 MWp renewable electricity project comprising solar arrays and battery storage. The project is now in construction near the town of Culcairn, New South Wales.

The 440 MWp Culcairn Solar Farm spans across 1,000 hectares of land and will be one of largest solar farms in Australia once it goes into operations.

The Solar farm secured development approval for Culcairn Solar Farm from the NSW Government in 2021, with an option to build a 100 MW / 200 MWh battery in the future. It will connect into the on-site 330 kV transmission line managed by TransGrid.

Unyte's was engaged to complete bulk earthworks, road stabilisation, internal road construction, drainage work, electrical conduit install and concrete pavement construction.



Waurn Ponds Duplication

As part of Victoria's Big build, Waurn Ponds Station was upgraded to increase capacity along the Warrnambool Train Line.

Unyte was contracted by Downer Group to complete the Civil component of the track duplication and track reconstruction at Waurn Ponds Station, incorporating topsoil stripping, excavation to subgrade, subgrade retriification, formation construction, track drainage, ballast placement, resurfacing of asphalt, pavement widening, and construction of pedestrian footpaths along Ghazeeopore Road.

Due to the location of the project, works had to be undertaken during 24-hour occupations over a number of days. This project was also in close proximity to a waterway which the team had to dewater and divert through Armstrong Creek while works were carried out in the creek bed. This involved relocating a native fish species, as well as relocating telecommunication services within the creek bed.



Werribee Street Level Crossing Removal

Contracted by McConnell Dowell for Western Program Alliance (WPA), Unyte replaced redundant rail with pavement for a three-lane intersection. Unyte engaged in early works such as pavement re-sheeting and concrete tasks, along with the removal of existing rail lines and subsequent earthworks. Unyte also handled drainage systems, including stormwater and subsoil drainage, and executed a deep lift asphalt pavement installation, incorporating multiple layers for durability.

Despite challenges around managing existing services and strict timelines, Unyte successfully completed the project within a 192-hour window, meeting all client specifications and adhering to VicRoads' standards.



Boorcan Rail Loop

Unyte delivered Boorcan Crossing Loop as part of the Warrnambool Line upgrade.

The team completed four in-situ concrete crossings in addition to installing 2,300m of permanent access track and 2,270m of track duplication, including three turnouts. This involves the stabilisation of over 33,000m² of subgrade and importation of over 20,000 tonnes of quarry material. Unyte removed and replaced five drainage culvert structures, installed six new drainage lines and upgraded the Farmers Rail Crossing.



Goulburn River Bridge Replacement

Unyte supplied a range of plant and equipment to assist in the removal and replacement of the Rail Bridge that spans the Goulbourn River bridge in Mooropna. The works were completed in a tight five-week program working under a rail occupation scenario.

Unyte's scope of works involved:

- Construction of access tracks for 700T Crane
- Construction of crane hardstands for 700T crane
- Construction of 2 no retaining walls (104m and 64m long)
- Removal of existing bridge abutment footings
- Removal of existing ballast and disposal
- Embankment widening and strengthening
- Placement of railway capping and top ballast on up and down approaches.

SBI Quarries



Unyte were contracted to complete quarry earthworks for SBI Quarries Cranbourne.

The Unyte team ran operations to produce all the overburden and soft rock material from SBI Quarries to facilitate their crushing operations and oversaw the delivery of 500,000+ tonnes of Type B product to the Mordialloc Bypass Project.

Unyte's works at the quarry involves the production, conditioning and loading out of the Type B Material to Mordialloc Bypass and the successful delivery up to 8,000 tonnes per day out of the quarry whilst facilitating crushing operations to produce and load out 5000 tonnes of crushed products concurrently.



Hi-Quality Quarry (Bulla Spoils Facility Site B)

Unyte's quarry works for Hi-Quality is one of the main stages of a larger project at the Bulla Spoils Facility. Unyte was contracted to construct one cell and three various holding ponds (leachate and treatment) at the landfill, quarry and processing facility, which separates and recycles category C waste.

Works included more than 65,000m³ of major earthworks alongside geosynthetic installation, drainage works, gantry demolition and access tracks and haul roads throughout the site.

With short notice the scope was changed from the initial HDPE layer to GCL, HDPE and cushion. The Unyte team promptly reallocated resources and reprogrammed activities to satisfy the client's requirements.



Black Ranges Granite Sand Quarry

Located in the Black Ranges, Unyte's granite sand quarry stockpiles premium granite sand for private, commercial and government customers.

The quarry's material is perfect for renewable energy projects, reserves, large sheds, machinery pads and bedding for bulk storage bunkers. With excellent thermal resistivity qualities, the material makes it perfect for embedding conduits, underground services and used in shed pads and as a compaction base.

This highly compactible material is helping power some of Victoria's largest wind and solar farms including, Murra Wurra and Bulgana Wind Farm, and ETP Solar Farm.



Great Western Gravel Quarry

Strategically located on the Western Highway in Great Western, 225 km north west of Melbourne, premium gravel from Unyte's Great Western Gravel Quarry can be compacted fill for various site works and holds up to Victoria's predictable weather. Perfect for local in road re-construction and re-sheeting, base layers of bulk agricultural storage facilities, rural property access roads, driveways and more.

- 20mm screened orange road gravel
- 20/40mm screened orange road gravel
- VicRoads Type A material
- VicRoads Type B material
- Impermeable clay fill material
- Screened topsoil.

Bulla Spoils Facility Containment Cell



The Bulla Spoils Facility Containment Cell Project was initiated to address PFAS-contaminated soil discovered during the West Gate Tunnel Project.

Hi-Quality, selected as the contractor, subcontracted Unyte to handle the excavation, treatment and disposal.

Unyte's scope of work included:

- Earthworks.
- Geosynthetic liner installation.
- Leachate collection system construction.

Despite a tight timeline, the team efficiently completed 998,000m³ of earthworks, 187,000m² of geosynthetic liner installation, and the leachate collection system, ensuring EPA approval and operational readiness ahead of schedule.

Facing a number of challenges throughout the project, the Unyte team's experience and proactive approach enabled us to address design concerns and deliver exceptional results.



McKimmies Road

Unyte was tasked with preparing the McKimmies Road site for future residential and industrial development by conducting bulk earthworks and geotechnical remediation.

Consisting of two parts, the project involved activating existing landfill facilities to import and stockpile enough fill material for 250,000 compacted cubic meters, followed by excavating and placing this material, alongside importing additional fill material for geotechnical remediation.

Unyte's scope of work included:

- Sourcing, importing and stockpiling fill material
- Excavation and placement of stockpiled fill
- Geotechnical remediation
- Installation of soil wicks
- Gas extraction systems
- Groundwater collection pipes



Altona Memorial Park

Unyte's works at Altona Memorial Park was focused on creating more than 30,000m² of usable lawn space for future park development.

Unyte's scope of work included:

- Existing fence and tree demolition
- Construction of heavy vehicle crossings
- Sorting and sifting of fill
- Stormwater drainage installation
- Export of 20,000 loose cubic metres of clean fill material offsite and 2,500 cubic metres of oversize material to a reprocessing plant offsite.

While working in confined spaces and abating excess material for export, Unyte engaged with Sycle to roll out a number of innovative solutions including early identification of asbestos and ensuring proper clearance certificates for exported materials to ensure the project was delivered safely and on time.



Hawthorn Football Club Early Works

Unyte was engaged by Hawthorn Football Club to complete early works on the Hawthorn Community Centre, a sprawling 28 hectare site located in Dingley Village, Melbourne.

Unyte's works included bulk earthworks, stripping 147,000m³ of topsoil, importing more than 175,000m³ of Type B and C fill, removal of pond lining and remediation of subgrade through removal and replacement of unsuitable subgrade with Type B material.

Unyte was able to provide compliant and suitable materials to meet strict capping material specifications and passed all site environmental audits.

The Heath Stage 5

Unyte commenced construction on The Heath - Stage 5 with the aim of meeting the goals and standards of the client and stakeholders, including Frankston City Council and Melbourne Water. The scope of works included various aspects such as environmental management, earthworks, and underground service installations.

Environmental measures were taken with the removal of trees and larger vegetation and the placement of 2km of silt fencing to prevent runoff.

The installation of underground services was a large part of the scope of work, covering sewer, stormwater, water, electrical, and communications systems, including property connections and infrastructure such as inspection shafts and maintenance chambers.

While challenges arose from dealing with unsuitable subgrade, necessitating additional excavation and material import leading to program delays, Unyte successfully completed the project three weeks ahead of schedule, demonstrating effective management and execution.



Ferrier Road Stages 3 and 4

Initiated in late October 2021 and launched in early November 2021, this project required swift mobilisation to meet our clients objectives, allowing us to maintain an advantageous position over the contractual schedule.

Despite a tight timeline and ongoing design reviews, the Unyte team leveraged extensive experience in subdivisions across Victoria to provide valuable support when addressing design concerns.

Unyte was tasked with comprehensive environmental management and earthworks including the removal and stockpile of vegetation, topsoil, rock and unsuitable materials. The team also handled underground service installations whilst adhering to various design and VicRoads specifications.

Bushfire Recovery Victoria

Bushfire Recovery Victoria is a Victorian government initiative, aiming to support communities and properties affected by bushfires.

This program aids with financial assistance, rebuilding, and mental health support. Within this effort, the storm and flood clean-up initiative tackled the aftermath of a storm and flood event in June 2021, targeting over 1,000 properties with an estimated monthly spending of \$10 million at its peak.

Unyte was responsible for various tasks throughout the Dandenong Ranges and Macedon Ranges including tree removal, demolition, asbestos removal, and infrastructure restoration, adapting to challenges like difficult terrain and changing conditions.

Innovations such as specialised equipment and local subcontractor engagement ensured efficient and safe cleanup efforts.



Echuca Flood Recovery

This project involved the renewal of road pavement on Watson Street, Echuca between Crofton Street and Law Court Place.

With a strong focus on local contractor and supplier engagement while ensuring the community experienced minimal disruption with maintained access to their businesses and residential properties, Unyte's scope of work included:

- Removal of existing road surface and excavation to subgrade height of road
- Placement and compaction of pavement layers
- Asphalt of road surface
- Installation of road signage
- Installation of kerb and channel.



Bullocke Floodway Rehabilitation

Unyte was contracted to undertake floodway rehabilitation works on Yeungroon Road in Charlton.

Unyte's scope of works included:

- Removal of existing road surface and excavation to subgrade height of road
- Placement and compaction of pavement layers
- Concrete pavement
- Asphalt of road surface
- Installation of road signage
- Installation of kerb

Unyte successfully engaged with local contractors and suppliers, which were limited in the area, as well as working with the local community ensuring access was maintained to their businesses and residential properties.

Keeping things moving



With over 800 owned pieces of fleet, plant and equipment, all of our gear is treated with tender loving care.

We have the capability to service, fabricate, fit and maintain our entire fleet in-house, as well as make our workshop available to clients to take advantage of our comprehensive preventative maintenance program, teamed by fully qualified mechanics, boiler makers and auto electricians.

Our heavy-duty diesel mechanics are also on-hand to manage and support plant in both rural and metro areas, meaning you can dispatch plant anywhere Australia-wide with confidence.

Plant and equipment you need, when you need it.

Between our owned assets and our exclusive arrangements with industry-leading equipment supply partners, we've got a huge range of reliable fleet, plant and equipment at our fingertips, available Australia-wide and ready for dispatch on flexible terms.

Unyte has access to a large range of high quality excavators, bulldozers, graders, water carts, compactors, rollers, loaders, trucks and floats, along with specialised equipment and attachments, ready to mobilise to site.



Wet and dry plant hire



Earthmoving plant and equipment servicing



Agriculture plant maintenance and servicing



Site vehicle maintenance



Earthmoving fabrication and engineering.



24/7 breakdown response

One team



We don't mind blowing our own horns. Our team are agile thinkers with the desire to build long-term, successful relationships with our clients and stakeholders, and each project team is strategically built to meet the specific needs of each project.

1,100+

workforce and growing.

280+

engineering staff, supported by dedicated in-house departments.

Our leadership and management team share a wealth of experience within the construction industry and own the responsibility of project outcomes while leading the delivery of our shared culture.



David Caserta
Director and Executive General Manager

David is an exceptional leader who has played a key role in driving the company's success. He has extensive experience in delivering major projects and has used it to build valuable commercial relationships, which have helped the company expand its capabilities and take on even larger and more complex projects.



Gareth Baines
General Manager (QLD)

Gareth is a seasoned civil construction professional with a career spanning three decades. Having worked on everything from major highway upgrades and tunnels to structures, rail and renewable energy works, Gareth's experience and intimate knowledge of the Queensland market propels Unyte's contracting growth in the region.



Kurt Lewis
National Assets Manager

Kurt's experience and leadership skills in the Earthmoving Industry have earned him a well-deserved reputation as a top-notch solution provider. He consistently delivers on his commitments, surpasses expectations, and leaves no stone unturned to ensure our clients and business receive the best possible outcome on every project.



Brendan Swaine
Construction Manager



Chau Tram
Construction Manager



Marc Dato
Pre Contracts Manager



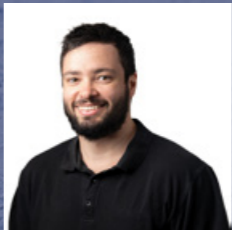
Darren Barlow
Operations Manager (SA)



Nathan Crothers
Regional Area Manager



Corey Felmingham
Area Manager



Jesse Duval
Assets and Personnel Manager



Brooke Brunner
Finance Business Partner

Strategically located



You can find us all over Australia, with Unyte facilities strategically located throughout Victoria, New South Wales, Queensland and South Australia.

1300 1 UNYTE

Victoria

Melbourne (head office)

208-210 Hall Street Spotswood

Melbourne (yard)

Gate 1A Lot 2-38 Hudson Road Spotswood

Stawell

41 Horsham Road Stawell

Geelong

East 8, 33 Mackey Street North Geelong

New South Wales

Newcastle

50 Hunter Street Newcastle

Tomago (yard)

499 Tomago Road Tomago

Queensland

Gold Coast

42H Quay Street Sanctuary Cove

Yatala (yard)

109 Sandy Creek Road Yatala

South Australia

Adelaide

21A Nelson Street Stepney

Unyte office locations
 Satellite office locations



Breaking
new ground.



1300 1 UNYTE
unyte.com.au