



## SERVICES

- **ROAD CONSTRUCTION**

Extensive experience in road construction to both RMS and Council standards. In-house team of engineers and foremen have successfully completed flexible pavement construction projects in excess of \$6 million. Currently hold TfNSW R2/F15 accreditation.

- **BRIDGE CONSTRUCTION**

Experience in the management and construction of pre-cast bridge spans; involving piling works, craneage, assembly and approach works. Currently hold TfNSW B1/F15 accreditation.

- **STORMWATER DRAINAGE**

Successful commissioning of both large and small-scale stormwater drainage systems, including RCP and box culvert installation, drop structures and in-situ concrete headwalls.

- **WATER AND SEWERAGE**

Effective delivery of wide range of water and sewerage construction projects, including: watermain upgrades, wastewater treatment plant construction and sewer pump station replacements.



## CONTRACTING, LANDFILL AND PLANT HIRE SOLUTIONS THAT WORK FOR YOUR BUSINESS



**Select Civil Pty Ltd** is a Civil Contracting, Plant Hire and Waste Management Services Company, established in 1987 and based in Kembla Grange, just one hour south of Sydney's CBD.

Since conception, Select Civil has enjoyed great working relationships with some of Australia's leading construction, civil and waste companies providing them with quality civil contracting, wet/dry plant hire and waste handling services. Our base of both public and private clients includes: Wollongong City Council, Shellharbour City Council, Shoalhaven City Council, Water NSW, Sydney Water, NSW Public Works, Boral Quarries, Cleanaway, Abigroup/Leighton, John Holland, Daracon, BHP Billiton, Suez Environmental, Thiess Services and Richard Crookes Constructions,

Select Civil currently employs over 90 personnel, including project managers, engineers, supervisors, plant operators, skilled labour, plant fitters and office staff to maintain and carry out our projects. Our experience in construction includes: road construction, bridge construction, stormwater drainage, sports court construction, landfill cell construction, watermain upgrades and sewage pump station construction and mine remediation, and gives us a stable base for new and challenging projects.

Our corporate values of Team First, Act Local, Client Focus and Trustworthy are at the centre of all of the projects we deliver, resulting in high Client and stakeholder satisfaction and repeat work with our Client base. Current & recent contracts - some in excess of \$10 million - demonstrate Select Civil's ability to take on, manage & successfully complete large-scale construction projects of any nature.

Select takes pride in sustainable construction, and have policies in place to ensure sites are managed in line with environmental best practice. Select currently holds accredited WHS, Quality & Environmental Management Systems to ISO 45001, ISO 9001 and ISO 14001 standards, as well as TfNSW R2/B1/F15 Certification.

We look forward to the working with you to deliver your next project.



# SELECT CIVIL



## COMPLETED PROJECTS

### AVON DAM BRIDGE REPLACEMENT D+C - WATERNSW

Select were engaged by NSW bulk water supplier, WaterNSW to design, demolish and replace a deteriorating public road bridge over Nepean River at Avon Dam at a cost of \$2.6mil on Upper Limiting Fee Contract arrangement. The intention was to reuse the existing mass concrete piers to minimise construction timeframe and impact to key drinking water catchment.

Select and our designers used a non-standard integrated rock anchor and transversely tensioned PSC bridge deck system to overcome they core Contract objectives - all installed to full AS5100 Bridge Code and RMS B80 compliance.

The constraints on this project were difficulty in accessing the physical site, highly variable water levels working downstream of an active dam spillway, coordinating with NPWS and other stakeholders in completing the project to meet all priorities, and minimising impacts on water quality in the catchment. Despite the challenges, Select delivered the project to the satisfaction of all parties. For the hard work and successful outcomes on this project, Select went on to win both the NSW and Nation CCF Earth awards for excellence in construction.



### BERKELEY NETBALL COURTS UPGRADE STAGES 1 AND 2 - WOLLONGONG CITY COUNCIL

Two separated projects for the demolition and reconstruction of an outdoor netball courts complex to meet National playing standards, including earthworks, stabilisation, asphalt, technical surfacing, lighting and PA systems. The site had unexpected ground conditions, and a collaborative approach with the Client was required to overcome, while working within Council budget and constraints. The successful completion of Stage 1 gave the Client high confidence in Select's ability to deliver the works, and were subsequently awarded the Stage 2 tender. Both stages were delivered to Client and community's high expectations.





## TURPENTINE ROAD UPGRADE – SHOALHAVEN CITY COUNCIL

Select Civil was awarded two separate Shoalhaven City Council contracts to complete the Turpentine Road Upgrade works, connecting Princes Highway Tomerong to Braidwood Road, and streamlining the route from the Jervis Bay Region to Canberra. Totalling \$6.44 million, the two stages involved the upgrade and realignment of 8.3km of unsealed gravel road, shoulder widening, increased pavement quality and sealing for long term protection and increased safety to users.

Significant sub-grade material quality problems were encountered throughout both stages of the works, due to moisture conditioned slope-wash making up much of the existing road foundation. Collaboration between Council staff and the Select Civil engineering and construction team led to the design and successful installation of a Geofabric lined rock mattress, bridging over the unstable lower ground. The end result was a cost effective and stable foundation treatment that allowed for the construction of original pavement design without sub-grade heaving, deformation or failure.

Turpentine Road Upgrade Stage 2 was delivered on time, and Stage 3 three months ahead of program. Both projects were completed within Council's cost budget, and to their satisfaction.



## INNOVATION CAMPUS ROAD AND BRIDGE UPGRADE – FERNANDES CONSTRUCTIONS

Select Civil were engaged by Fernandes Constructions to complete the \$1.1 million earth and civil works for the bridge construction and associated road works connecting Wollongong's Innovation Campus to Montague Street North Wollongong, for client; University of Wollongong.

Tidal waters feeding the river created challenges during construction, requiring the installation of coffer dams on the upstream and downstream side of the bridge works, with a 225mm PVC pipe connecting the two. This allowed for natural tidal movements of the system to continue without disruption to the local environment – or the bridge construction.





## UPPER CANAL ROAD AND DRAIN UPGRADE – WATER NSW

Select Civil were engaged by Water NSW to complete 4.5km of mixed access road upgrade and construction works, as well as 22km of table drain construction and maintenance supporting the Upper Canal transport system - a historic bulk water supply canal between Appin and Prospect. The canal is considered critical infrastructure and is listed on the NSW heritage register, so extensive environmental and quality safeguards were implemented to ensure the success of the project.

The project included bulk earthworks, flexible pavement construction, spray seal application, protection of heritage assets and live services, concrete headwall construction, minor concrete pavement works and guardrail installation.

The \$1.7 million project was delivered to the satisfaction of the client, with no environmental or heritage non-conformances.



## BANKSMEADOW SLIP LANE CONSTRUCTION – VEOLIA ENVIRONMENTAL

Veolia Environmental engaged Select Civil in 2016 to construct an extremely challenging slip lane, pavement and complete associated service relocation works in preparation for their Banksmeadow waste transfer station. The challenges of the physical site included high voltage electrical, mains gas, potable water main, fibre optic and naphtha underground services, as well as constructing on and working in close proximity to live, high volume arterial roads.

The works included electrical integration and traffic signal works, which Select managers coordinated closely with RMS and local councils. The works were completed successfully and gave the Select team extensive experience in the challenges in working with utilities and service providers.





## WHYTES GULLY LANDFILL CELL CONSTRUCTION – WOLLONGONG CITY COUNCIL

Wollongong City Council owns and operates Whytes Gully Resource Recovery Park, which currently receives all of the municipal solid waste within the Wollongong local government area. With existing landfill airspace at Whytes Gully Resource Recovery Park projected to expire, Wollongong City Council proposed the construction of several new landfill cells on the occupied site, on top of and adjacent to existing landfill locations. Once completed, the 4 stages of the project would extend the capacity of the Whytes Gully site by a further 6 million m<sup>3</sup>.

Select Civil engaged in a \$10.5 million contract with designer and superintendent Golder & Associates to construct the first stage of the new landfill cell construction; packages 1A and 1B. Both piggyback cells were built directly above compacted putrescible waste. The high specification cell construction consisted of coal wash and clay earthworks, polymer liner placement and welding, geosynthetics deployment, subgrade and surface pipe installation, gravel placement and surface drainage works.

The project also consisted of ancillary works including the construction of 3 asphalt roads, diversion drains, gabion drainage structures, culvert installation, subgrade gas pipe network installation, minor earthworks and buildings demolition.



## PEPPERTREE QUARRY PROCESS PLANT FOUNDATIONS – BORAL CONSTRUCTION MATERIALS

Boral's Peppertree Quarry mines hard rock granodiorite for use as road base and concrete aggregates. The quarry supplies the Sydney metropolitan area via a rail link from the quarry to a rail to road transfer facility at Maldon near Picton. The Peppertree quarry incorporates fully automated crushing, screening and materials storage plant that has been designed and installed by Sandvik.

Select Civil was contracted directly to Boral to construct the Process Plant foundations for the mechanical equipment. The value of the Contract was \$8 million and involved bulk excavation, detail excavation, hold down bolt placement and concrete construction.



# SELECT CIVIL

## OUR CONTRACTING TEAM

### RENAUD CHAUVET – MANAGING DIRECTOR

20+ years in business subsidiary management, Renaud holds an MBA in International Management and a Masters of Management in Corporate Finance from the University of Dallas, Texas. Previous long-term experience in West Africa in Plant & Equipment distribution and timber industry. Renaud has been with Select Civil for 13 years.



### GRAHAM PEACE – GENERAL MANAGER

20+ years working in civil and construction projects management, including the construction of sewerage pump stations, bulk excavation & soil treatment projects, mine rehabilitation projects, waste and waste cell construction, bridge construction and roadworks. Graham successfully managed projects in Australia, South Africa and England.



### ALLAN FARRELL – CONSTRUCTION MANAGER

Allan has nearly 20 Years experience as a plumbing foreman in the Commercial Building sector and Over 15 years' experience in the Civil Construction industry. He holds an Advanced Certificate in Plumbing Technology and a Plumbing Trade Certificate. Previous major projects with Select have included the Avon Dam Road Bridge Replacement, Whytes Gully new landfill cell construction, as well as sewerage Treatment plant works at Berry, Vincentia, Goulburn and St Georges Basin.



### MITCH BELL – PROJECT MANAGER, BUSINESS DEVELOPMENT

Mitch has over 10 years' experience in the civil industry, with a focus on business development, Contract management and complex projects, and is involved in all aspects of project delivery. Mitch has been integral in the delivery of multiple successful road and bridge construction and upgrade projects throughout the Shoalhaven, Illawarra and Sydney region.



### KILIAN JAMES – SENIOR PROJECT ENGINEER

Kilian is a passionate and energetic project engineer, and has over 8 years' experience in civil infrastructure projects, spread throughout France, England, United States and Australia. With multiple faces background, including >\$1bil tunnelling projects, Kilian has learned to adapt himself to any situation, ensuring projects are delivered on time and on budget.



**Get in touch with our team to help you deliver your next construction project:**

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