

# THE DIRT

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Welcome again to this new issue of The Dirt.

With increased demand naturally comes increased pressure and what we are experiencing here in the West currently in the Urban Land Development sector has really put every part of our industry to the test.

As much as the increase in demand has got us all "up on our toes" I must say for me personally, I am truly grateful to be experiencing this. I have been exposed to the Civil Construction industry my whole life and to see it running so fast is fascinating and has really shown just where the bottlenecks exist in the whole supply chain.

We are extremely fortunate to be here in Western Australia, however most of us have friends, colleagues or loved ones in the East and it has been very sad to see the people in Victoria continue to suffer as a result of COVID. If anything, it is a reminder that WA really is a remarkable place to live.

It has been very refreshing in recent weeks to see a healthy number of committed projects going to construction that will be aiming at delivery post stimulus. In saying this, it would certainly be great to see some relief around the current stimulus deadlines, as the shortage of skilled labour required to cope with the volume has presented many challenges.

Wormal Civil has been very fortunate to retain and gain new employees to meet the demands and the same applies to the external sub-contractors and suppliers we engage.

Wormal Civil South West has now been awarded several key projects and from this and the hard-working efforts of our staff, our key clients have been very happy with the quality of our work and our service. This has resulted in a lot of positive feedback and referrals to other clients which we are extremely grateful for.

Several months ago, Wormal Group purchased a specialised production plant used for the manufacture of precast concrete acoustic noise walls, featuring patterns on each side. Thank you greatly to the team at Cedar Woods for using this technology on the Millars Landing project. This is our first project and for that we are eternally appreciative of your support and trust.

In finishing, I would like to remind you all just how lucky we are to have so many high-quality professionals within our industry working together with our state government to guide our industry through this stimulus inspired, unprecedented demand in such a short period. In a year or so from now we can all look back with pride on what was achieved in the back half of 2020.

Thank you and stay safe  
Shane Wormal

**Wormal**  
CIVIL



# WORMALL CIVIL FEATURE PROJECT: MUZZLEWOOD

**Name of Project:** Muzzlewood Earthworks and Stage 1 Civils

**Consulting Engineer:** Groundwork Consulting Engineers

**Wormall Civil Project Manager:** Daniel Strickland

**Wormall Civil Site Supervisor:** Greg Allen

It's common to hear comments about block sizes continually getting smaller to meet the demands of the market, but Muzzlewood Estate bucks this trend.

How about a property with ocean views to the West, overlooking the suburbs to the East and 5000+ square metres to play around on? This tucked away estate in Baldivis is going to bring some fresh air to it's residents living the semi-rural life, while only being a stone throw away from urban facilities.

Wormall Civil has been engaged by family owned and operated developer, Sunzone Pty Ltd with the goal of preserving as much of the native vegetation as possible, the building envelopes are situated within clusters of mature Sheoak, Jarrah and Banksia trees, which have all been under-pruned as part of the extensive bushfire management plan.

The site required 35,000 cubic metres of cut-to-fill to establish the road reserves and offered a unique challenge given the site had over 30m elevation difference between it's highest and lowest points. Seeing the raw power of Wormall Civil's fleet of scrapers, dump trucks and excavators climbing the sandy hills was second only to Site Supervisor Greg Allen who would walk an equivalent 50+ stories per day going about his duties – making it clear that he is in fact is the most powerful machine on site.

Rock pitched batters and roadworks put the finishing touches on this unique site and works were completed in August 2020.



Wormall Civil takes it's environmental responsibility seriously and we are always looking at ways to improve our reductions in our carbon footprint. In an effort to reduce the cross contamination in our main site bins, we are introducing 2 new bins solely for paper/cardboard and general waste. These additions to our projects will help us continue to move forward with 85% in volume and 95% in weight recycle rates.



## PROJECT UPDATE: PEEL BUSINESS PARK

**Name of Project:** Peel Business Park

**Consulting Engineer:** Cossill & Webley

**Wormall Civil Project Manager:** Catherine Cunningham

**Wormall Civil Site Supervisor:** Brent Sanders

With Stage 1 of Peel Business Park completed in April this year works have now commenced with the upgrade of Lakes and Gull Road and the installation of water main and sewer pressure main that will service the stage.

### Lakes and Gull Road Upgrade:

The works include the upgrade of approximately 2.5km of road including the construction of a roundabout at the intersection of Lakes/Gull/Paterson Road. The pavement levels have been lifted between 0.5-2.0m from existing pavement levels and therefore required approximately 280,000 tonnes of locally sourced import sand to achieve the new design levels. The earthworks also allow for the construction of future carriageways. The new pavement area is approximately 40,000m<sup>2</sup> with over 5km of new kerb.

The upgrade of the roads has included the installation of a diversion track approximately 1.3km in length to allow the works to take place.

New drainage infrastructure has also been installed as part of the upgrade. This includes the installation of approximately 1.3km of new reinforced concrete pipes and 0.5km of box culverts.

Advance power works were required in order to remove existing overhead powerlines which were located along existing Lakes Road and Gull Road. The power poles were located within the new pavement area and therefore the early works were required in order to allow construction to continue. The overall power works included the installation of just over 12km of new cable.

### Trunk Water Main and Sewer Pressure Main:

Works commenced in June 2020 for the installation of a water main that will bring water to stage 1 of Peel Business Park. The watermain is approximately 5.7km in length and runs from the intersection of Bortolo Drive and Gordon Road in Greenfields to Stage 1 of Peel Business Park, located on Lakes Road in Nambeelup.

The water main is predominately 250mm PVC with some 400mm MSCL sections which run under the Kwinana Freeway at Fishhawk/Fowler Road and over the Serpentine River on Lakes Road. The installation of a 700mm RCJP via microtunnelling will be required in order to act as a sleeve for the 400mm MSCL water main pipe under the Freeway. A 600mm RCJP will also be installed via the same method for the future install of a sewer pressure main that will service stage 1 Peel Business Park.

The MSCL section over the Serpentine River will be lifted into place from either side of the river.

The watermain also incorporates the installation of 355mm PE pipe. A portion of this will be installed under the existing intersection of Lakes and Gordon Road via HDD method. As part of these works portions of the sewer pressure main are also being installed in locations where it runs adjacent to the water main. The sewer pressure main is 450mm PE pipe. As part of this stage of works 1.3km of PE pipe will be installed along with a 400mm MSCL section over the Serpentine River.



## INDIGENOUS ENGAGEMENT: OFFICE MURAL BY BRADLEY KICKETT

Wormall Civil were pleased to engage local Noongar artist, Bradley Kickett to come by the office to paint a stunning mural in our reception area. The piece took Bradley two days to complete and we are absolutely thrilled with the end result!

The mural is of the ocean, specifically the Point Peron area in Rockingham. The coastline is rocky and has a point that goes out into the ocean as seen in the mural. The circles show the hills or undulation of the land. The dotted lines show the walking paths through the area, and the dot work shows the vegetation and wild flowers found in that area.

The different blues and greens in the water shows the currents and also the shallowness of the Derbalmarra Sea, and the sand banks found in the area.

The Derbalmarra Sea is the water that took over the land that once connected Garden Island and Rottnest Island to the mainland. It flows from Fremantle down past Rockingham.

We have a time lapse video of the mural being painted on our LinkedIn page for those who would like to see the process from start to finish. Thanks to Bradley for creating such a great piece of art for us to enjoy for years to come.



# PROJECT DÉJÀ VU

déjà vu (noun)

*The strange feeling that in some way you have already experienced what is happening now.*

Civil Contractors always face the challenge of convincing themselves, and others, of the importance and scale of their completed works, especially considering a vast percentage of it is buried underground.

When we complete a project, particularly a single stage project or the first stage of a multi staged development, at practical completion it can look very sparse, and that's putting it kindly. You will see lots of roads, footpaths, streetlights, street signs, vacant lots, for sale signs etc. but no soft landscaping, mature trees, shrubs or ground covers.

As for all the wastewater, stormwater, water and gas pipes and conduits, manholes/access chambers, power and communications cabling and pits servicing all the lots, no matter how well laid and installed and efficiently they perform, they are out of site and no doubt out of mind to most end users

With this in mind we thought it would be good to revisit some of our older projects to see how they look ten years or more on and now that the soft landscaping has flourished, trees are fully established, houses completed, communities established and people are enjoying the amenities provided by the developers. This includes all the servicing previously mentioned.

The relevance here of déjà vu is that we continue to deliver the same sort of land development projects and often they look just like the older projects did once when we handed them over at practical completion.

Projects such as Vertu at Harrisdale by Stockland, South Beach by LandCorp (now DevelopmentWA) and Stockland and Cygnia Cove, Waterford by Richard Noble are just some examples shown here.

We hope that the collection of images hereunder pay homage to those who had the vision to invest in, plan and design these projects. We also hope that it will reinforce the contribution we make in delivering the civil construction aspects of each project and how they eventually morph into something more than just empty lots, roads, footpaths etc, and most importantly others realise what is going on silently and efficiently underground and out of site.

Déjà vu all over again!

## Vertu

Before we commenced Vertu we had no idea what a 'Pocket Park' was. But learning first hand from Paul Brown, Stockland's state design manager back in 2005, we soon also learnt of his passion and vision for the finished landscape that would elevate this residential estate to become one of the prime developments of its time. It continues to impress some 15 years on.

Wormall Civil was proud to be involved in the civil construction of the majority of the stages of this impressive estate. It was also the first project where stage one was completed to allow for the construction of the display village concurrently with future stages, meaning Wormall Civil also had to manage the site with major home builders working in close proximity to our earthworks and civils teams constructing the subsequent stages. This was not without its challenges and we delivered the project successfully.



2006



2008



2020



# PROJECT DÉJÀ VU

## South Beach

South Beach was a particularly difficult project to complete due to its previous land use, being a major heavy industrial site. The environmental and construction challenges on this seriously contaminated site presented Wormall Civil with the opportunity to further prove itself as a Tier One Civil Contractor with LandCorp and also as the preferred civil contractor for Stockland WA, by effectively and efficiently managing these issues successfully and delivering this UDIA Award winning project for our dual clients.

Based upon the successful concurrent construction methodology employed, managed and delivered by us for the display village at Vertu, we were given the same task at South Beach. Again we thrived on the challenge and delivered in spades! Well more precisely, using excavators, loaders, dump trucks etc.



2008



2016



2020

## Cygnia Cove

*Cygnia Cove is without doubt our most awarded project (so far) having won numerous UDIA State and National Awards for Excellence.*

Cygnia Cove Awarded the Best in Australia 24/03/15 Waterford in Western Australia is officially home to the best residential development in Australia, with Richard Noble's Cygnia Cove winning the Residential Development Award at the 2015 Urban Development Institute of Australia (UDIA) National Awards for Excellence. The project also won the prestigious Environmental Excellence Award.

Completing the first five most important and difficult stages of this multi award winning project, located on the banks of the Canning River, was one of the keystone projects in the company's history and one that secured our place at the top level of the land development civil contracting sector. No mention of this project can be made without including an acknowledgement to the late Graeme Morris who was the Development Manager for the project and was outstanding in his devotion to the project's delivery, whilst being such a pleasure to work with for all of us involved.

The result is the successful transformation of a highly contaminated and degraded site into a magnificent 188 lot residential community with vastly improved environmental attributes, a rehabilitated wetland, a newly constructed wetland designed to be a Black Swan breeding sanctuary, and an extended and rehabilitated foreshore reserve at its heart.

The wetlands now provide a continuous, environmentally sustainable water source for the Canning River and was proven as a perfect feeding and breeding habitat for Western Australia's iconic Black Swans, with the first three cygnets born in Clontarf Bay in decades arriving in 2012! The cultural heritage of the project site is also fundamental to the identity of the new Cygnia Cove community. The site's proximity to the Canning River and neighbouring Clontarf Aboriginal College, a significant cultural facility, has been acknowledged in the site planning and landscape design, now connecting seamlessly with the new residential development.





# INTRODUCING WORMALL CIVIL TEAM MEMBER: DAVE LAWS

## Boiler Maker

### How long have you worked with Wormal Civil?

I've been working with Wormal Civil for 9 years

### What does your job entail?

Loader and digger bucket rebuilds and repairs, trench box repairs and all other boiler making requirements

### What is a typical day like?

Early starts – 5.30am, gouging, grinding, welding and then cleaning up the mess

### What do you like most about your job?

It's rewarding to see a finished job done well

### What do you like to do when you aren't working?

I enjoy working on cars and motor bike riding

### What's a fun fact about you many people may not know?

I am a massive NRL fan (Maroons), I love the NRL over the AFL.

### Favourite holiday destination?

Thailand



It is with great pleasure to announce that Wormal Civil are welcoming Mates in Construction (MIC) to our projects.

MIC are a construction industry based support service that are available to everyone (and their immediate families) that work in the industry and provide support to anyone that feels they need someone to talk or turn to.

On Thursday 10th September, all Wormal Civil sites enjoyed a BBQ lunch to acknowledge R U OK Day.

Every day in Australia 8 people take their lives. Of these, 3 out of 4 will be men, and those in male dominated industries such as construction, mining and energy are particularly vulnerable which is a horrifying statistic for our industry.

We urge you to ask your workmates, friends, family if they are OK. It's important to make it meaningful and to listen with both your ears and your heart.



# WORMALL CIVIL COMMUNITY INVOLVEMENT

## Wormal Civil | Ronald McDonald House Charities

Wormal Civil are proud supporters of Ronald McDonald House Charities. We are thrilled to be able to be back in the kitchen with relaxed COVID- 19 restrictions now allowing us to be apart of their "Home for Dinner" program again.

Thank you to our most recent groups of Wormal Civil employee volunteers who cooked dinner this month for the families currently staying in the Ronald McDonald House in Nedlands.

We strongly encourage other companies and individuals who are able to volunteer at RMHCWA to do so. It's amazing what giving back to the community does for your soul!





## A MESSAGE OF HOPE, BY CAMERON HARTNEY



To my fellow Australians, citizens, or indeed my fellow world citizens. To all humans, of all denominations regardless of race, religion or creed.

We stand here today on the precipice of something we are all struggling to comprehend, of something that doesn't discriminate to any one order of humankind, of something invisible to us, but yet so starkly obvious. I speak of course of the pandemic that is threatening the very fabric of society, and for some our very existence.

Existence is a word I would like to highlight, because a lot of things exist, vast oceans exist, forests exist, species of animals exist, and our very own emotions exist. Love exists, hatred exists and fear very much exists, and I firmly believe that it is the existence of fear that goes a long way to defining our very fabric as human beings. Unfortunately a lack of understanding can breed a lack of tolerance, a lack of humility, and a distinct lack of empathy for our fellow human beings.

As human beings we are flawed, that is what makes us who we are. We are all shaped by circumstance from the very moment we draw breath, and with every breath drawn from the moment of birth, we continue to expend breath until the only true conclusion for every one of us is our death. But it is the time in between that will truly define us, death cannot be cheated, it is undeniable, but what cannot be denied is our choices as to how we want to be defined.

Mistakes? I have made plenty. I've learnt from some and not from others. I have hurt myself and I have hurt others, that is because I am human and so are you. In these dark times, lights will still shine bright like the stars in the night sky, sometimes these are clouded but it doesn't mean they are not there. I saw one of these stars before the night had even set.

You see I was sitting in my vehicle at the local beach and I saw three elderly people park their cars and exit their vehicles with wine and seats in tow, and it was then I saw one of the most beautiful stars of all, a 90 year old woman, withered by time, body so bent but spirit unbroken. You see while one of the most vulnerable to the evil that descends, I seen in her no fear, only contentment, content with a life lived with no doubt full of mistakes of loves, of losses, but a life lived nonetheless. And as the sun descended over the ocean, her contentment grew to be deafening in my ears and more importantly in my heart, and as the tears flowed freely down my face I felt something I hadn't felt for a long time, HOPE, the one true emotion that every human being feels.

You see not everybody will experience love, not every human being will experience hate, but I believe that every human being in their life will experience HOPE.

So in closing, with very hard times to come for us all, for the despair being felt and the despair yet to be felt, for the sacrifices to be felt, for the lives yet to be lost and the loves yet to be gained, allow yourselves to give into the one thing that defines us all.

Allow yourself hope.

Cameron Hartney  
Wormall Civil, Drainer



## WORMALL CIVIL STAFF MILESTONES



### Kim Stribley

Float  
Driver

13 Years

### Leo Natalotto

Cardup  
Yardie

13 Years



### Bryce Nelson

Machine  
Operator

10 Years

### James Forster

Labourer/  
Machine Operator

10 Years



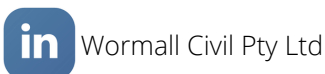
Wormald Civil would like to congratulate David Foord on his promotion to General Manager. David joined the company in 1993 as a labourer and over many years of hard work and effort, commitment and above all else loyalty has advanced progressively through a number of positions within the company. Well done Foordy!

Congratulations to Brett Perry and Peter Duhig on their promotions to our newly created Construction Superintendent positions. Brett & Peter were both long term Site Supervisors for Wormald Civil and provide a wealth of knowledge and experience to now assist oversee all of our projects – both metropolitan and regional, and provide additional high level support to our Site Supervisors and overall workforce.

Mick Wormald has now also been elevated to the position of Senior Construction Superintendent and will continue to provide high level support to Brett & Peter, as well as allowing him to continue to focus on the ongoing training of our field based staff.

### Welcome to the team:

- Blake Jaenke, Chief Financial Officer
- Beck Bogdan, HR Assistant
- Brent Walker, Site Supervisor
- Daniel Wulf, Site Supervisor
- Graham Broom, Site Supervisor
- Trevor Prescott, Site Supervisor
- James Boggan, Project Manager



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