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Hello and welcome to Issue 19 of The Dirt.

The past few years have been extremely difficult to read at times, with most industry stakeholders closely monitoring every movement in the market, keeping a finger on the pulse to try and understand ‘what comes next’ in an environment where our valued clients are under increasing decision making pressure, in determining the financial viability of a project.

Now with Christmas and further interest rate increases behind us, it is very pleasing to see that the WA housing market has continued to demonstrate healthy sales. Of course, higher levels of sales are now coming from investors aimed at servicing the rental crisis in our State.

At the start of the Q2 of FY23, we made some adjustments to the way that we resource our projects. Our key objective here was to enhance our brand by ensuring more “certainty” around delivery times for the projects we construct. The outcome of this initiative has been extremely successful and is reflected in well controlled project durations.

I would like to congratulate and welcome a couple of our team members who have recently transitioned into new roles or are new to the company; Mick Mullan known to most, has recently been promoted to the position of Chief Operating Officer of Wormall Civil. Mick will be working on enhancing our corporate structure, improving our Governance and offering some leadership support to various areas of the company. We have recently had four WHSEQ Clerks transition into their new roles as Assistant Project Managers which is pleasing to see- congratulations to you all. Julie Atkins has joined the Wormall Group as our Group HR Manager, bringing a wealth of knowledge and experience into the group... welcome Julie!

With Julie leading our HR Department, we are very excited to realise a dream we have had for a long time relating to the recognition of our staff. We have many employees that have completed multiple years of continuous service with Wormall Civil, and this is greatly appreciated. Our people, is what makes our team what it is today so please ‘watch this space’ for some exciting initiatives to follow.

It is nothing new, but you will perhaps have noticed another wave of ‘yellow gear’, hitting our sites. This is the result of our ongoing plant replacement program, however we have also thrown a bit more at this in recent times bringing in a number of additional items to the fleet as is required to underpin our capability to deliver in volume for the Urban Development sector.

Until next time, keep well and stay safe.

Shane Wormall
Managing Director



WORMALL CIVIL FEATURE PROJECT: KARA STAGES 1-7

Name of Project: Kara Stages 1-7

Consulting Engineer: Cossill and Webley

Client: LWP

Wormall Civil Project Manager: Justin Fitzpatrick

Wormall Civil Site Supervisor: Wayne Cox

Kara is a bulk earthwork and civil contract with LWP, located approximately 2km from the Kwinana Freeway in Treeby.

The name 'Kara' is the Noongar word for a rare and protected orchid native to the Treeby area. The spider orchid, or *Cryptostylis*, is among other local rare flora species discovered in the native bush to the north of Kara and along Ghostgum Avenue.

Kara has been designed to be a community for modern convenience and tastes that integrates harmoniously with its natural surroundings.

Wormall Civil started the civil construction work at Kara back in September 2020, with approximately 300 lots built since then and we've just been awarded the last stage, stage 7, which is due to commence in the coming months.

Throughout the construction of Kara the works have consisted of bulk earthworks, gravity sewer, stormwater, common trench, retaining and masonry walls, feature fencing and roadworks.

Another recent addition was the noise wall which is currently being constructed along Armadale Road by Smartstream Technology.

Smartstream Technology were proudly chosen to supply & install the noise wall for Kara Estate.

This wall will provide much needed sound relief for the new residents from Armadale Road, while still being an aesthetically pleasing boundary wall. Together, Smartstream Technology and Wormall Civil worked with the Consulting Engineers to ensure that all requirements were met. Having a flexible Wall System means we can easily adjust to any last-minute design changes or site conditions.

This system also has a far more efficient install time than the traditional system. Requiring only three people on an install team.

The wall is due for completion in the next month and will be painted. This ensures that it will match up seamlessly with the neighboring wall. So when we leave site for the last time the developer will be left with a functional statement piece that will last the life of the estate.

Feel free to contact the Smartstream Technology team for more information regarding their noise walls.



PROJECT UPDATE: WILDFLOWER

Name of Project: Wildflower

Consulting Engineer: Cossill and Webley

Client: Stockland

Wormall Civil Project Manager: Catherine Cunningham

Wormall Civil Site Supervisor: Michael Elphinstone

Wormall Civil has recently completed the first bulk earthwork stage for Stockland Wildflower.

Wildflower is a brand new residential community in Piara Waters. Located 26km south of Perth CBD, Wildflower has everything you need right on your doorstep.

The bulk earthworks for phase 1 included topsoil stripping, screening and blending of screened topsoil with import fill. Meticulous testing was carried out on the blended material to ensure all geotechnical needs were achieved.

Over 100,000 tonnes of sand was imported to complete the first earthworks stage. During the bulk earthworks stage existing trees were fenced and protected – these trees will eventually form part of the final POS areas within the development.

January 2023 saw the commencement of the first civil stage. Civil works include, sewer, drainage, power, communications and water installation along with roadworks.

During March 2023 upgrade works will begin on Warton Road which will include a major intersection upgrade that will form the main entrance to the new development. Levels on the southbound lane of Warton Road will be lifted by up to 1m.

These work include a substantial traffic management set up. New drainage and power will be installed to complete the works on Warton Road.

The second bulk earthworks stage will also commence in March 2023. This stage will see another 150,000 tonnes of sand imported to make way for further civil stages.



WORMALL CIVIL- SOUTH WEST UPDATE

Name of Project: Vasse Dawson Stage 5B2

Consulting Engineer: Stantec

Client: Joint Venture of Perron Developments Pty Ltd and Stawell Pty Ltd

Wormall Civil Project Manager: Tinus Spangenberg

Wormall Civil Site Supervisor: Jarrad Tiltman

Wormall Civil is proud to be working on the fifth stage at Vasse. Vasse is one of the fastest growing suburbs in the South West.

Vasse offers the opportunity to live within an award-winning estate, perfectly located at the centre of the South West.

Vasse has state-of-the-art commercial, retail, hospitality, industrial, health, education and recreational facilities. The town has easy access to Busselton, Dunsborough and Margaret River.

Wormall Civil are undertaking the below works for this stage:

- 54 lot subdivision
- 43000m² clearing and topsoil strip
- 160m retaining wall
- 946m sewer up to 4m deep
- 530m drainage pipe installation up to 600mm diameter
- 1420m of subsoil
- 790m water pipe installation
- 4500m² roads with asphalt with 440m² paving
- 780m footpaths
- 1750m power cabling with associated domes
- 17 street lights



SINCE THE FEDERAL AND STATE GOVERNMENT COVID STIMULUS PACKAGES, WORMALL CIVIL HAS PROUDLY DELIVERED

10,000

RESIDENTIAL LOTS ACROSS WESTERN AUSTRALIA

WHSEQ UPDATE

Wormall Civil Team Charity Drive

February saw a new charity drive begin across all of our Perth Metro and South West projects.

Newly installed collection points are providing our team an opportunity to donate their empty 10c eligible cans and bottles. Every quarter we will collect these generous donations and give the money to our selected charity.

For the first quarter we are focusing on raising money for Mates in Construction so they can increase their focus on the important work they do with suicide prevention in the construction industry.

Throw your 10c in next time you are on site!

Congratulations to Shaun Peters who has recently completed his RII40720 Certificate IV in Civil Construction, and to Josh Smartt on completing his Certificate III in Civil Construction- well done!



WORKSHOP UPDATE

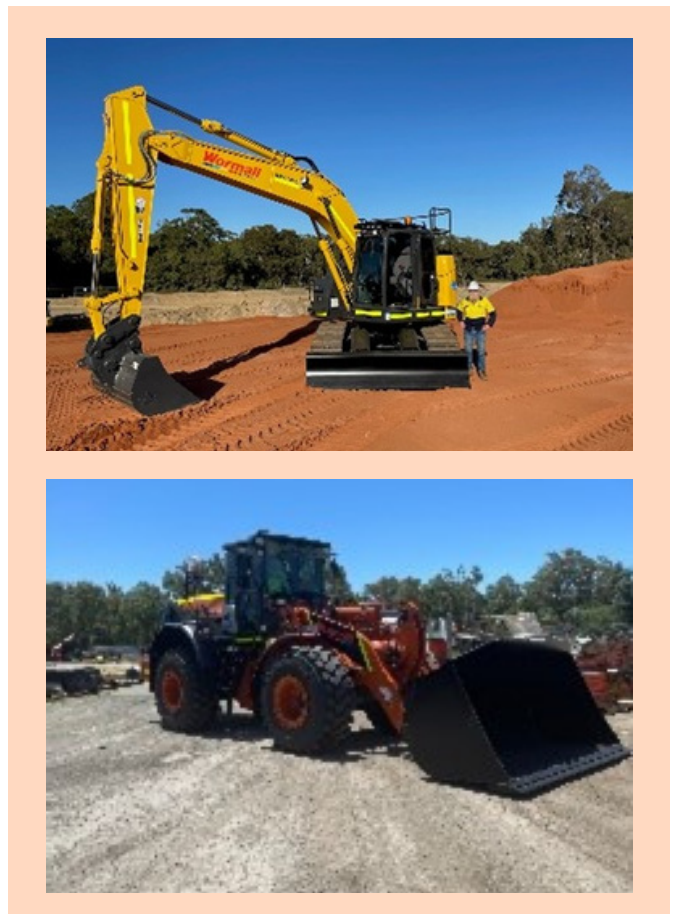
We have recently purchased two new Hitachi ZW250 wheel loaders, and two Sumitomo diggers as part of our "Machine Renewal Program." These new machines have been fitted with state-of-the-art Topcon Loadmaster.

We also have Hitachi loaders and Sumitomo excavators penciled in throughout the year.

We would like to congratulate our workshop apprentices, Kayden and Sam who are entering their second year this year.

Congratulations to Sonny Moore from our Southwest division on becoming fully qualified.

Congratulations to you all- wishing you all the best for the remainder of the year!



SMARTSTREAM TECHNOLOGY

How plastic products can help climate change

Wormall Group's manufacturing business, Smartstream Technology, provides a range of plastics and concrete products to the civil construction industry.

This includes the revolutionary "Poo Pit" and "Smart Pit", both personally designed and patented by the Group's Managing Director, Shane Wormall.

Both products are made using a plastic rotational moulding process, and both are direct-replacement alternatives for traditional concrete components.

Both products have enjoyed great success and have been exported internationally, due to their savings in cost, weight, and speed of manufacture and installation.

However, there's now a common misconception that all plastic products are bad for the environment, that they contribute to both on-land & marine pollution and to climate change, and that they should be avoided at all costs.

Is this true?

Not so, according to the Group's Managing Director Shane Wormall, who has been invited to present a thought-leadership paper at the upcoming OzWater conference in Sydney in May 2023.

There's a very big difference between single-use plastic packaging, and using plastic to make better, longer-lasting products than can replace traditional concrete applications.

According to Shane, in addition to being cheaper lighter and faster, the other benefits of using plastic products as direct substitutes for concrete are that they're less resource and energy-intensive to produce, and once installed they last a lot longer.

This is particularly so where concrete products such as pipes, junctions and pits are installed in sewer applications. In those scenarios, concrete products are vulnerable to attack from two elements - the hydrogen sulfide gas within the system itself attacking the pipes from the inside, and sulfate and chloride elements in the soil attacking the pipes from the outside. In some hostile soil environments, this has seen in-ground concrete products needing replacement every 10 years or so.

On the other hand, plastic products are much more resistant to chemical attack, and can easily enjoy a service life in excess of 50 years. Ironically, the very characteristic that makes disposable plastic packaging so bad for the environment – that it takes hundreds of years to break down – works in favour of using these products in sub-surface infrastructure and land development applications!

A recently-released report by global management consulting firm McKinsey & Company titled "Climate Impact of Plastics" backs up Shane's assertions. It estimated global plastic use at 295 million metric tons in 2020, and found that whilst packaging was still the largest consuming sector at over half of all usage, building & construction accounted for approximately 16% of all plastic use – a figure we know is growing. McKinsey went even further, analysing the Greenhouse Gas contributions from plastic (PVC) versus concrete pipe applications in building & construction, including the entire life cycle from including raw material inputs, manufacture, transport, installation and eventual replacement. It found that plastic deployments resulted in a greenhouse gas saving of between 35% and 45% when compared with traditional concrete and iron alternatives.

Wormall Group is committed to continuing its innovation in this space, and recently purchased Beaufox Industries, a manufacturer of smaller and more finely detailed parts using plastic injection moulding. We plan to continue to develop our range of plastic rotational-moulded and injection-moulded plastic products to be able to build out a more robust, economical and climate-friendly range of products for use in infrastructure and civil construction applications.



WORMALL CIVIL STAFF MILESTONES

This quarter sees another group of employees reaching amazing milestones with Wormall Civil. We would like to thank the below employees for their hard work and dedication over the years.

We strongly stand by our motto, Together We Deliver, for the recognition and dedication of every individual and every entity that has been a part of our 39-year journey.

Thank you team, here is to many more years kicking goals together!

JANUARY

Rob Morriss- 23 years
Ben Dysart- 20 years
Christina Beglin- 15 years
Jason Regan- 13 years
Josh Gibb- 10 years
Peter Stein- 9 years

FEBRUARY

Vaughn Morfitt- 16 years
Neville Manson- 16 years
Callum Pearmine- 12 years
Mark Dickson- 11 years
Murray Stanley- 10 years
Ben Clift- 10 years
Josh Becker- 5 years
Ben Briggs- 5 years
Brendon Natalotto- 5 years

MARCH

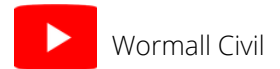
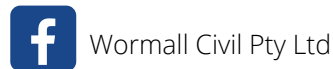
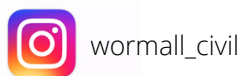
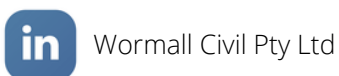
Cliff Matthews- 17 years
Russell Chandler- 16 years
Chris Thomas- 13 years
Bernard O'Meara- 12 years
Brett Perry- 10 years
Cathy Chmielewski- 10 years
Adam Maskiell- 9 years
Daniel Clarke- 8 years
Catherine Cunningham- 5 years
Justin Fitzpatrick- 5 years
Kevin Anderson- 5 years

WELCOME TO THE TEAM

- Julie Atkins- HR Manager
- Jayde Johnson- HR Administrator
- Kristine Hayes- WHSEQ Clerk
- Xanthia Penney- WHSEQ Clerk
- Diwash Dahal- WHSEQ Clerk

CONGRATULATIONS ON YOUR PROMOTION

- Joshua Gibb- Project Manager
- Mohamed Messade- Assistant Project Manager
- Bikram Gurung- Assistant Project Manager
- Nirosan Shanmuglingam- Assistant Project Manager
- Geoff Wyatt- Assistant Project Manager
- Clayton Morfitt- Site Supervisor
- Chris Nelson- Site Supervisor
- Scott Leggo- Leading Hand
- John Parker- Leading Hand
- Michael Bedwell- Leading Hand



Wormall Civil Pty Ltd
17 Cardup Siding Road
Cardup, WA 6122
P: (08) 9526 1400
E: office@wormallcivil.com.au