

**2019**  
**SPRING**

# ACCESS

e-magazine

## 26TH NATIONAL WORKS & ENGINEERING CONFERENCE

PROGRAM INSIDE





# CORPORATE SPONSORS

## PLATINUM



### ACCESS MAGAZINE

is published by the National Works Officers Association and distributed Nationally to Approx 1200 members of the National Works Officers Assoc of Australia

PO Box 1254  
Geelong, Victoria 3220  
PH: 0408 129 394

Email: [admin@mwoa.com.au](mailto:admin@mwoa.com.au)  
Website: [www.mwoa.com.au](http://www.mwoa.com.au)

Membership Contacts:  
Please contact your State Representative on one of the following numbers:

VIC: 0408 129 394  
QLD: 0418 920885  
TAS: 0418 143578  
WA: 0429 697330

### ADVERTISING

Rates include GST  
NWOA Members

1/4 Page	\$298
1/2 Page	\$550
Full page	\$990
Inserts	\$770

### Non-Members

1/4 Page	\$330
1/2 Page	\$605
Full page	\$1100
Inserts	\$825

All advertising enquiries  
to [admin@mwoa.com.au](mailto:admin@mwoa.com.au)

### CREDITS

Access is produced by  
Blueprint Communications

The views expressed in Access do not necessarily reflect those of the National Works Officers Association or its state branches

## GOLD

DeNeefe Signs  
Difficult Dirt Solutions  
energysafe Victoria  
Hako Australia  
Grays Online  
Fulton Hogan Construction P/L

## SILVER

Central Highlands Excavating  
DDC  
Delnorth Roadside Products  
Desert Software  
Earthco Projects  
Gemm Chemicals  
Kennards Hire  
M Tucker & Sons  
Municipal Association of Victoria  
Road Maintenance  
Road Safety Grating  
St John Ambulance Victoria  
Stadelmann Group  
SVC Products  
Terra Firma Industries  
Traffic Calming Australia  
Tutt Bryant

## BRONZE

Broons Hire  
City Circle Recycling  
Civilmart  
Dy-Mark  
Ecodynamics Mulch  
Enviro Green Facilities Services  
Enviromental Services Group  
ESPAUST.NET.AU  
Hitachi  
Icon Septech Vic  
Interflow  
JCB Construction Equipment Aus  
Katam Drainage  
Mawsons Concrete Quarriers  
May Asphalt Group  
MC Pipes  
MIEPOL  
Position Partners  
Prendergast Earthmoving  
Quick Lock Australia  
Roadsafe Asphalt  
RSP Enviromental Services  
Saferoads  
Samson Hire  
Stabilime Group  
St John Ambulance Australia (Vic)  
Terry Alford Consulting  
The Drain Man  
Tox Free  
Traffic Diversions Group  
Traffic Management Association  
Urban Maintenance Systems  
Vantage Pipes  
Wagners

---

# MWOA Executive Officer Appointment



On behalf of the Board we are happy to announce the recent appointment of Peter Ali to the position of Interim Executive Officer of the MWOA.

Peter has spent the last 25 years working within the municipal operations field. This includes time at Parks Victoria where he was employed as an Environmental Ranger, and at the City of Port Phillip where he provided contract labour services to support their municipal operations. Over the last 20 years he was employed at the City of Whittlesea, initially within the Parks and Open Space Department, overseeing the delivery of parks maintenance and capital works programs, before progressing to the role of Manager of City Presentation in 2008. During the last 11 years Peter has led a diverse team of technical specialists and outdoor maintenance staff that oversaw the maintenance of Whittlesea's road, building and fleet assets, and the provision of road maintenance, cleansing and waste management services to the municipalities' 200,000 residents.

Peter holds an M.B.A. and is currently in the final stages of completing his PhD in Waste Management Policy at LaTrobe University.

Peter was appointed to the MWOA Board last year, and has been an active member of the National Works and Engineering Conference Committee for the past 6 years. Peter brings a specific understanding of the values of the MWOA, combined with a practical perspective of the issues and opportunities faced by both our members and sponsors gained through his time in local government.

Peters initial work will focus on the delivery of this year's National Works and Engineering Conference. He will also be out and about meeting our sponsors and local government members.

**Lynn Undy - Chairperson of the Board**

# Keep water out of your crack



## The most common reason for pavement failure is moisture penetrating the surface.

Cracks in pavements allow moisture to penetrate the surface which causes pavement material failure. Failure to seal cracks results in further cracking, potholes and eventually a major pavement breakdown, leading to unnecessary expensive repairs.

SuperSealing operates throughout Australia and New Zealand, specialising in crack sealing of Residential Streets, Major Roads, Highways & Freeways, Airport Runways & Taxiways, Flood ways, Car Parks, Bike Paths, Bridge Joints and Trench & Pavement Reinstatements.

- Crack Sealing
- Traffic Management
- Roadside Civil & Maintenance Works



### Crack Sealing

New South Wales

0419 521 237

Queensland/NT

0419 521 237

South Australia

0418 543 354

Victoria/Tasmania

0408 524 449

Western Australia

0400 683 568

### Other Services

Head Office

03 9801 1622

Traffic Management - Vic

0432 427 505

Roadside Civil - Vic

0408 660 909

Web: [www.supersealing.com.au](http://www.supersealing.com.au)

Email: [supersealing@supersealing.com.au](mailto:supersealing@supersealing.com.au)



# STATE REPORT: VICTORIA

**Peter Ali**  
Chief Executive Officer  
MWOA/NWOA



The Association's 55th Annual Dinner was held at the Preston Shire Hall on 2nd August. The venue was chosen because of its links with the dinners of the past, which have traditionally been hosted within civic venues. The Shire Hall was constructed in the late 1800's, and forms part of the local history of the area. We would like to thank Darebin City Council for providing the facility for use on the night.

Around 110 people attended the dinner, including around 80 of our Council based members from Ballarat, Brimbank Darebin, Moreland, Whittlesea, Hume, Stonnington, Knox, Yarra, Hobsons Bay, Wyndham and the City of Greater Geelong. A special thanks was provided to our MWOA Board Chair & Life Member Lynn Undy for her efforts in organising this year's event, and to Mandy Van Den Nouwland, our MWOA Executive Assistant, who made sure that nothing was missed in the organisation of the night. A special thanks was also provided to Brendan Jolly from Fulton Hogan, the events Major Sponsor. Brendan presented on some of the innovative safety practices, products and asset management approaches currently being developed by Fulton Hogan. And last, but not least, we appreciated the support provided by the events other sponsors which included Avery Dennison, Dial Before You Dig, Road Maintenance, R&S Grating, Samson Hire and The Management Edge.



*Entertainer Michael Pope interacts with MWOA Finance Director Neil Whiteside*

The Ballarat Region Branch Meeting was held at the Mars Stadium on 10th July. A special thanks to MWOA Board member Steve Van Orsouw from Ballarat City Council for once again organising an excellent event. The event welcomed a new supporting sponsor, SVC Products, a company which was founded in 1948, that manufacture precast concrete products to serve local markets in construction and infrastructure. SVC provided an overview of the companies' history and a short case study of some of their more significant recent projects. The Drain Man also provided sponsorship support for the night. We heard an excellent presentation from the winner of the 2018 R&S Grating Interstate Study Award, Luke Ives, Coordinator Road Maintenance at the City of Ballarat. Luke undertook a case study of local governments community disaster recovery efforts following the Whitsunday Islands cyclone.

Finally, speakers have now been confirmed for the 26th National Works and Engineering Conference which will be held at the Bendigo Showgrounds from the 19th-20th September 2019. This year's conference will feature some special events, including the opportunity for delegates to book test drives on selected plant and equipment, including the just released Komatsu's GD655-7 Grader. Delegates will have the opportunity to register for a major delegated draw for a \$4,000 travel voucher. Proceeds from this draw will be donated to beyond Blue. Registrations for the conference are now open. You can access the conference proceedings and conference registration forms from the MWOA website: ([www.MWOA.com.au](http://www.MWOA.com.au)).



*Comedian and Magician Michael Pope entertains the Crowd*

The MWOA Board will be working on organising a similarly themed venue for next year's event. Watch this space for details.



# STATE REPORT: WESTERN AUSTRALIA

**Arthur Cousins**  
**President**  
**WA Local Government Supervisors Association**



## **2019 LGSA Works and Parks Conference**

We are gearing up for our next conference and expo which will be once again at the beautiful Joondalup Resort, in Perth's northern suburb of Connolly (about a 25 minute drive north of the CBD), between 13 – 15 August 2019.

The presenters will provide a great deal of information about dealing with various aspects of working life and of course looking after your health, mental health and wellbeing.

The program is nearly complete and registrations are coming in thick and fast. 45 out of our 50 internal stands have already been sold and only 3 external stands remain free at this stage, so we are looking forward to another amazing show by our loyal supporters.

Should you have any queries regarding the conference please get in contact with the Conference Coordinator who will be happy to assist with your enquiry? Stay tuned to the website for details as they arise. [www.lgsa.com.au](http://www.lgsa.com.au)

This years Special guests are Brad Ness OAM, 5 Time Paralympian and Gold Medalist, and Sue McDougall Horticulturist, gardening writer and TV presenter.

Being such a vast state we often hear "we didn't know anything about it" so this year we have made a concerted effort to ensure all Shires are fully informed by way of our multiple advertising materials being mailed to each and every shire so there will be no excuses this year to miss out.

## **LGSA Membership**

If you or a colleague has any interest in joining LGSA WA Inc (and receiving your discount on registration to the 2019 conference and expo) please do not hesitate to contact the Administration Officer on [office@lgsa.com.au](mailto:office@lgsa.com.au), or one of our committee members (details can be found on line), who will be happy to discuss the benefits of membership with you or your organisation.

## **Golf Day**

Our golf day on 13 August is always a great day and continues to be well supported by both sponsors and delegates. With a full field, playing on one of the world's best golf courses, the day is always a great

way of interacting in a less formal way with colleagues and suppliers. This year our guest speaker at our presentation dinner will be 'Joffa' Corfe, Passionate Collingwood supporter and supporter of many charities including Epilepsy, Flood relief and Reclink and was nominated for Australian of the year in 2016. We are sure he will entertain us with many tales about his charity work and wearing that famous yellow sparkly jacket.

## **Awards & Scholarships**

We have a number of awards and scholarships available this year including the Honourable Service award which has the following 4 categories:

**Association Award**

**Life Membership Long Service Award**

**Distinguished Service Award**

We also have two scholarships available each year:

**Study Award**

**Scholarship Award**

For more information on any of these please visit our website

Contact us

Administration Office/Conference Coordinator Jude Newberry PO Box 6643 East Perth WA 6004

Tel: 0414 996 431 Website: [www.lgsa.com.au](http://www.lgsa.com.au) Email: [office@lgsa.com.au](mailto:office@lgsa.com.au)





# STATE REPORT: QUEENSLAND

**Brian Weeks**  
President  
Works Officers Association of Queensland



The Works Officers Association, with the assistance of our Corporate Members run Technical Tours from time to time throughout the year.

The Technical Tours assist our members in staying up to date with new technology, as well as seeing new products, and visiting work sites, that may be trialling a new approach or material

Recently Komatsu hosted the WOAQ

On 31st May Members of WOAQ were invited to a Tech Tour of Komatsu Australia's facility at Wacol.

The tour provided insight into the production of construction and mining equipment.

Komatsu Wacol is the major East Coast production facility employing over 500 staff.

Members were shown the Oil Analysis laboratory as well as the largest heated paint booth in the southern hemisphere.

Although not released yet members were treated to a sneak preview of the new Komatsu GD655-7 Motor Grader.

Komatsu have introduced fingertip control and plug and play machine control ability. The Komatsu GD655-7 also features the latest Final Tier IV Emission technology.

Operators will benefit from maximum control with the no-stall dual mode transmission and 100% hydraulic power at all engine speeds.

With the best vision from the cabin of any grader on the market, the Komatsu GD655-7 will impress operators from either Government or private sectors.

For more information about the new grader or any Komatsu product please contact John Tannahill on 0418664904 or [jtannahill@komatsu.com.au](mailto:jtannahill@komatsu.com.au)





# STATE REPORT: TASMANIA

**Peter Donato**  
**President**  
Tasmanian Association of Municipal Supervisors



## **2019 International Public Works Conference – Hobart**

This year the Tasmanian Works and Engineering Conference will not be held, as our normal Conference Partner the IPWEA will be hosting the 2019 International Public Works Conference and our TAMS members will be assisting with this. The full conference program will run over 5 days, however there will be a 'TAMS' stream on the final day with a 'Works focus to this stream. Additional information is available on the conference website [www.ipwc.com.au](http://www.ipwc.com.au). It promises to be an outstanding opportunity to see, hear and learn about the latest in Public Works.

## **Lance Holmes Award**

Bree Hunter from the City of Hobart received the award for 2018. Bree attended a leadership training course. She provided feedback advising it was an excellent course and thanked TAMS for assisting her with this great career development opportunity.

## **Ordinary General Meeting and Indoor Bowls Social event**

This event was held in June at the Howrah Bowls club. It was an enjoyable day with plenty of fun and laughs had by all. It is reasonable to say none of us will be achieving great heights in the bowls world any time soon.

On a serious note a point of discussion at the meeting was the future of TAMS given the low number of members and pending retirements within the management committee. Options were discussed and will be voted upon at the Annual General Meeting in October.



## **Annual General Meeting**

As stated above, the AGM will be held in October, we encourage as many members to get along and attend, as we will be discussing and voting on the future of TAMS. Should you have any queries on this please get in touch, I would be happy to discuss our options.

## **TAMS Enquiries**

Should you have any queries in relation to upcoming events please contact any of the TAMS management committee via the details on the website. [www.tasams.com.au](http://www.tasams.com.au)

## **Peter Donato President TAMS**







# 26TH NATIONAL WORKS & ENGINEERING CONFERENCE

**19 - 20 SEPTEMBER 2019**  
**PRINCE OF WALES SHOWGROUNDS, BENDIGO**

PROUDLY SPONSORED BY

# KOMATSU

SUPPORTED BY



SUPPORTED BY



7:45AM - 8:45AM

## REGISTRATION

8:45AM - 9:00AM

## INTRODUCTION & WELCOME

*Peter Ali - Conference Convenor*

9:00AM - 9:30AM

## KEYNOTE ADDRESS - SMART CITY

*Chris Rowlands - City of Greater Bendigo*

9:30AM - 10:30AM

## SESSION 1 - TEAM MOTIVATION AND COHESION

**David Parkin OAM**

*Chair - Debbie Leeson-Rabie - City of Greater Geelong*



10:30AM - 11:00AM

## MORNING TEA

11:00AM - 12:30PM

## SESSION 2 - HELPING PEOPLE ACHIEVE SUCCESS THROUGH PARTNERSHIPS

**Wayne Dyson, Bridgeworks**

*Chair - David Hallett - CEO IPWEA Vic*

12:30PM - 1:30PM

## LUNCH

1:30PM - 3:00PM

## SESSION 3

SESSION 3a - MAINTENANCE AND OPERATIONS <i>Chair - Steven White - Bayside City Council</i>	SESSION 3b - OPERATION OF NEW PLANT EQUIPMENT <i>Chair - Peter Young - Mornington Peninsula Shire</i>
<p><b>The Technical Evolution of Yellow Fleet</b> <i>Mick Piera - Komatsu</i></p> <p><b>Unsealed Road Maintenance - A Service Standard Approach</b> <i>Frank Castle - Colac Otway Shire Council</i></p> <p><b>Continuing Towards Zero Harm</b> <i>Stewart Billing/Graham Henderson - Downer</i></p>	<p>Opportunity for personalised 20 minute appointments to speak and operate a range of new plant &amp; equipment “one on one” direct with the suppliers. Don’t miss this unique chance to test drive an item of plant or equipment during the year. Booking details will be available at the conference registration desk.</p>

3:00PM - 3:30PM

## AFTERNOON TEA

3:30PM - 5:00PM

## SESSION 4

SESSION 4a - FUTURE FOCUS <i>Chair - Matthew Hill - Coffey VIC/SA</i>	SESSION 4b - DEMONSTRATIONS <i>Chair - Ron Sneddon – MWOA Board Member</i>
<p><b>Providing an Equity Lens over Capital Works Delivery</b> <i>Anthony Kyrkou - City of Whittelsea</i></p> <p><b>Cyber Security</b> <i>Brendan Williams - City of Greater Geelong</i></p> <p><b>A Local Government Asset Management Journey</b> <i>Gerard Adams - Ventia</i></p>	<p>Come and participate in a guided tour of the Showgrounds to view practical demonstrations from selected participating service providers and plant and equipment suppliers. Meet outside the conference venue entrance at 3.30pm</p>

6:30PM - 7:15PM

## PRE DINNER DRINKS

7:15PM

## DELEGATE & PARTNER CONFERENCE DINNER & ENTERTAINMENT

*Entertainer: Richard Stubbs*





**8:00AM - 9:30AM**

## **SESSION 5 - BUSINESS BREAKFAST**

*Chair - Peter Ali - Conference Convenor*

*Cr Margaret O'Rourke - Mayor - City of Greater Bendigo*

*Guest Speaker: Theo Venter "Theo Venter was hit with 22,000 volts of electricity. He is the only person known to have survived such a high voltage electrical shock while working on overhead lines."*



**9:30AM - 10:30AM**

## **SPONSORS STAND VISITS AND DEMONSTRATION OF BORAL FORWARD MOVING AGGREGATE SPREADER**

*Facilitator - Roving Darren includes Sponsor Speed Draws*

**10:30AM - 12:00PM**

## **SESSION 6**

<b>SESSION 6a - ENVIRONMENTAL MANAGEMENT</b> <i>Chair - Mauro Covacci - Wyndham City Council</i>	<b>SESSION 6b - OPERATIONS</b> <i>Chair - Steven White – Bayside City Council</i>
<b>The Glyphosate Question - Issues and Answers</b> <i>Nick Sell - Quick Corp</i>	<b>Night Works – Rapid Response</b> <i>Jane Piotrowski - Downer</i>
<b>Coastal Erosion</b> <i>Peter Young - Mornington Peninsula Shire</i>	<b>Chain of Responsibility Legislation</b> <i>Mike Wood - Latus Risk</i>
<b>EPA Legislative Changes – The Implications for Local Government</b> <i>Kylie Douglas - City of Greater Bendigo</i>	<b>Capital Works Dashboard</b> <i>Melissa Falkenberg - Wyndham City Council</i>

**12:00PM - 1:00PM**

## **SESSION 7 - LUNCH & MAJOR DELEGATES DRAW**

**Guest Speaker - John Verbi, Inspirology**

*Topic - Fit For Work*



**1:00PM**

## **CONFERENCE CLOSE**

*Peter Ali - Conference Convenor*

## **MAJOR DELEGATES DRAW**

Proceeds to be donated to Beyond Blue

Gold Coin donation

Please fill in the card in your delegate's bag and take to the reception area with your gold coin to be in the draw

**PRIZE: \$4000 FLIGHT VOUCHER**



## MAJOR SPONSOR

# KOMATSU

## EXHIBITORS

DeNeefe  
Delnorth Pty Ltd  
Dial Before You Dig  
Difficult Dirt Solutions  
Downer  
Fulton Hogan  
Gemm Pty Ltd  
Hako Australia  
Hiway Stabilizers  
Latus Risk  
Manheim  
RSP Environmental  
Road Safety Grating  
SVC Products  
Smart Lock Group Pty Ltd  
Southern Geosynthetics  
Stabilco Pty Ltd  
Stabilised Pavements of Australia  
SuperSealing Pty Ltd  
Terra Firma Industries  
The Drain Man  
Traffic Calming Australia Pty Ltd  
Vermeer

## SUPPORTING SPONSORS

energy**safe**  
VICTORIA

William Adams



DISCOVER & EXPLORE BENDIGO

CLICK HERE to BOOK NOW  
or freecall 1800 813 153



### Registration

Full registration includes all conference sessions, morning tea, lunch, afternoon tea, breakfast Friday, demonstrations, tool box sessions and the conference dinner. Alternatively, delegates may register for either day, or the conference dinner only.

### Cancellations

An administration fee of 10% will be deducted from any refund payable due to cancellations prior to 31st August 2019.

No refunds for cancellations after 31st August 2019 will be made, however, a substitute delegate is welcome. All cancellations and substitutes must be emailed to [admin@mwoa.com.au](mailto:admin@mwoa.com.au). The organisers reserve the right to defer, amend or cancel the program.

### Venue

Bendigo Exhibition Centre  
Prince of Wales Showgrounds, Holmes Road Bendigo.

### Exhibition

Major organisations and suppliers will have indoor exhibition stands throughout the Conference.

### Demonstrations

Live demo's will be carried out as per the program over the two days and will include various types of plant and equipment etc.

### Test Drive Sessions

These sessions will be as per the program and in conjunction with the main stream presentations.

\*Test drive sessions will be at the operator's own risk

### Thursday Evening Dinner

A shuttle bus service will be in place for the eight main motels near the lake to and from the venue. Contact registration desk for details.

### Name Badges

Name badges will be issued at the registration desk. It is essential they be worn at all times for entry to all conference sessions and social functions. No Identification, No entry.

### Messages

Messages for delegates during the conference can be left at the registration desk.

### Accommodation

Delegates will be required to contact the Bendigo Visitors Centre on 1800 813 153 or [www.bendigotourism.com](http://www.bendigotourism.com) and quote NWEC2019.



# **STRONGER LONG LASTING ROADS ARE MADE WITH POLYCOM**

*Find Out More!*

**CALL  
1800 790 907**

**PolyCom**  
STABILISING AID







## ROAD CONSTRUCTION BONUS

Earthco Projects the distributors of PolyCom Stabilising Aid are finding greater acceptance than ever for the Australian made product which improves the life span of sealed and unsealed roads.

PolyCom Stabilising Aid provides a much stronger pavement that requires less maintenance and re work at a fraction of the cost of full rebuilds or boxing out of failed sections, carting and disposal of material, to then be replaced by new materials at ever increasing cost and haul distances.

Using the on site material and blending or combining available clays or silt from road verges is allowing cost savings across the board.

Benefits of working with PolyCom Stabilising Aid include:

- Environment and OHS Compliant
- Financially sustainable
- Safe and easy to use by road crews
- Requiring no special equipment or skills, easily used by in house crew for outstanding results
- Works in many different material types and facilitates blending of natural materials
- Proudly Australian made and owned

Reality suggests using PolyCom will increase productivity, reduce costs, create stronger longer lasting roads and works out cost negative.

Innovators gain significant cost benefits by using materials they already own as an asset, avoid purchasing new materials and reclaim the asset lining of roadsides that you have already paid for.

Contact Earthco Projects to find out more on: 1800 790 907 or visit [www.earthcoprojects.com.au](http://www.earthcoprojects.com.au)

**PolyCom**  
STABILISING AID



## OHS Systems & Solutions for your business

The unique design of fully integrated apps, server, emails, cloud storage and the automatic upload to website allows managers to track the completion of the OHS requirements on a daily basis. Do away with the outdated paper system and keep them up to date at all times.



### Our Popular Top Apps



#### Plant Pre-Start Checklist

Allows vehicle or plant equipment inspection using E-signatures with GPS tracking and time/date stamping.



#### Site Risk Assessment

Quickly assesses the site with simple Q&A, has GPS tracking enables with time and date. References to SWMS.



#### Work Crew Communication

Allows staff to report to a supervisor with any safety concerns. Allows for follow up with corrective action.



#### Weekly Works Program

Allows the entry of works program using GPS tracking with exact address, description and size of works.



#### Time Clock

Allows users to clock in and out of specific jobs with GPS tracking. Reporting daily hours of individuals.



#### Electrical Test & Tag Register

Store items via tag number and prompt when next test/tag is required. Each item will be entered with stamps.



#### Site Induction Checklist

GPS tracking, date/time stamped with E-signatures. Q&A with comments section and data entry.



#### First Aid Kit Register

Lists all items in the register and its assigned vehicle plant or position. Staff get stamps signed by first-aiders.



#### Worksheet Editor

Allows the entry of works program using GPS tracking with exact address, description and size of works.

## CONTACT US AT

61 (3) 9759 6266

info@desertsoftware.com.au

www.desertsoftware.com.au

59 Rushdale Street, Knoxfield VIC 3180



# THE FUTURE IS AT YOUR FINGERTIPS ON KOMATSU'S NEW GD655-7 GRADER



Komatsu has released a new grader, the GD655-7, incorporating a number of technology innovations compared with its predecessors as well as other graders on the market – aimed at making it easier to use and more productive.

The GD655-7 is powered by a Komatsu SAA6D107E-3 Tier 4 Final-compliant variable horsepower engine, rated at 134-165 kW (depending on gear and operating mode) and with an operating weight of 19.3 tonnes with rear ripper.

Technology innovations include updates to the transmission and control improvements that make it easier to operate, for reduced operator fatigue and increased safety, as well as being factory-fitted to take any of the many 3D machine control system options available from leading third party suppliers.

According to Phil Atley, Komatsu's National Business

Manager, Government & Construction Graders, the GD655-7 grader represents a significant technology step forward in grader design and ease of operation.

"We're highlighting these enhanced grader control systems as putting the future at your fingertips," he said.

These technology innovations include an all-new operator station, with features such as EPC (electronic proportional controls) for blade and ripper functions, and the option of dual-function palm controlled steering or a conventional steering wheel.

"Our EPC palm control systems greatly cut down operator effort, reducing hand/wrist movements by 95%, and resulting in far lower operator fatigue and improved jobsite safety," said Atley.

"In addition, this new grader retains our unique dual-mode direct drive and torque converter transmission



system, upgraded with a new range change and forward/reverse controls for reduced driveline shock – and again contributing to reduced operator fatigue and very long service life of transmission drive line components.

“The Tier 4 Final Komatsu engine, which has been matched to the Komatsu-designed and built transmission, driveline and hydraulics, results in fuel consumption reductions of 5-15% compared with our previous models,” he said.

Standard on the GD655-7 are factory-fitted cabling, controls and bracketing for multiple makes of 3D machine control systems, allowing customers to simply install a “plug and play” kit to use with their own or a rented 3D machine control system, with no additional cabling or brackets.

“With this ‘plug and play’ installed, customers can go straight to work with a 3D GPS system from Trimble, Topcon or other leading suppliers, without having to spend money and time on preparing the machine,” said Atley.

“We believe these technology advances, including improved ease of use, increased safety and true machine ‘plug and play’ gives our new grader strong appeal to Australian owners and users.”



“Fuel consumption is further reduced through increased cooling capacity, a new auto idle stop function, an improved operator interface on the machine monitoring system, and a new ECO assistance feature that encourages fuel-saving operating practices.”

As with all Komatsu Tier 4 engines, it incorporates an advanced electronic control system that performs high-speed processing of all signals from sensors installed in the grader, providing total control of equipment across all conditions of use.

Engine condition information is displayed via an on-board network to the monitor inside the cab, providing all necessary operating data to the operator.

Additionally, this data can be accessed and managed via Komatsu’s KOMTRAX telematics remote monitoring system (supplied as standard on all Komatsu construction and utility machines), ensuring owners and fleet managers stay well on top of all maintenance requirements.

This also allows Komatsu to advise machine owners of upcoming service requirements, as well as providing machine health, performance and location information, as well as Fix It First Time real time diagnostics

Atley said the new GD655-7 grader machine retained all the benefits of its predecessor machines, while significant technology improvements contributed to increased productivity and safety, while lowering ownership and operating costs.

“Komatsu graders have become recognised for their outstanding visibility to the blade, front wheels and rear ripper – and that’s been improved even more through further improvements to cab design.



Compared with Tier 3 predecessor engines, the GD655-7’s Tier 4 Final-compliant engine technology reduces both particulate matter (PM) and nitrous oxide (NOx) levels by 90%, while reducing fuel consumption by up to 15%.

“This new grader uses 5% less fuel in P (power) mode, and 15% less fuel in E (economy) mode,” he said.





“Operators also appreciate our unique Komatsu transmission system, which provides the option of full powershift or our lockup Torque Converter Auto mode, which delivers power for tough grading, or low-speed fine control,” he said.

Komatsu’s lock-up torque converter transmission with electronic control has been designed and manufactured specifically for Komatsu graders, providing on-the-go, full power shifting as well as inching capability and automatic shifting in higher ranges.

It provides the option of automatic torque converter mode for maximum productivity in any application, with its automatic gear shifting, while manual mode gives direct drive in all gears, working the same way as conventional power shift graders, with constant machine speed, more economical operation.

An engine stall prevention function operates in manual mode, automatically changes to auto mode with torque converter to avoid stalling, and having to restart the grader.

In addition to the ultra-low emission levels from its Tier 4 engine, an electronic control engine management system combined with a new variable displacement hydraulic pump system and improved transmission and axle components have resulted in significantly improved fuel consumption.

Machine durability has been enhanced through a reinforced blade circle, plus a change to a resin in the circle wear plate material, which prevents scratches and results in longer service life.

Brief specs of the GD655-7 are: Operating weight, with ripper, 19.3 tonnes; engine Komatsu SAA6D107E-3 Tier 4 Final-compliant variable horsepower engine, rated at 134-165 kW (depending on gear and operating mode); blade length, 4.27 m; transmission, full powershift with lockup torque converter with anti-stall function ; speeds, 8F/4R, maximum speed, 44.3 km/h; overall length, 10.875 m; industry leading minimum turn radius, 7.4 m.





# Dy-Mark



## SPRAY & MARK 350G

### Features & Benefits

- Premium marking out paint
- Toluene-free formula
- Designed for inverted use
- High opacity, high quality, true colour pigment loading
- Bright colour range for highly visible marks
- Applications include: construction, landscaping, civil works and surveying
- Unique spray pattern specifically designed for spot marking as well as "writing" applications
- Suitable for use with the Dy-Mark Long Arm Handle and 2-Wheel Spot Marking Handle

# RID AUSTRALIA

## RID WORKFORCE 150G



- Workforce Strength 6 hour mosquito protection.
- High performance strength with 19.5% DEET to actively repel biting insects and proven for longer lasting protection.
- Protects against UVA and UVB.
- Qualified to effectively repel mosquitoes, flies, sand-flies, fleas, leeches and biting midge.

## RID OUTDOORS SPF 50+ SUNSCREEN with REPELLENT 500ml

- Dual protection against the sun and insects.
- Very high protection SPF 50+.
- Broad spectrum for maximum protection.
- 4 hours water resistant.
- 7% DEET for safe and frequent re-application.
- Protects against UVA and UVB.



P: 1300 396 275

F: 1300 360 400

sales@dymark.com.au

www.dymark.com.au

# ENERGY SAFE VICTORIA (ESV)

## SPOTTER ARMBANDS



**Energy Safe Victoria (ESV)** has introduced spotter armbands to assist qualified Spotters. They assist the Spotter to be easily recognised in their role on the job site.

Major municipal works, particularly in the vicinity of powerlines have obligations to maintain No Go Zones to keep workers safe from live electrical assets. Spotters are assigned to ensure safety of the people firstly and also to ensure that the power network is not damaged or disrupted by contact with mobile plant or its load.

To become a Spotter you need to be registered and hold current certificates to enable an effective response in the event of an emergency or accident. Spotters operate in high risk environments and have a level of responsibility for the safety of themselves and others.

This is why Spotters undergo special training and why each item of plant or equipment operating in the vicinity of overhead electrical lines on any work site must have its own dedicated spotter. ESV has, for the first time, started providing all graduating Spotters with an armband, making them clearly visible on the site when working.

Benefits of having the Spotter clearly identified by wearing a Spotter armband, include:

- **easy to identify the Spotter for operators and safety personnel on the job site**
- **acts as a signal to other people that the Spotter is on duty**
- **helps the Spotter to get 'into the zone' mentally and keep a focus on the job.**

[To find out more about the general requirements to act as a Spotter visit the Worksafe Victoria and Energy Safe Victoria websites.](#)

Under the Electrical Safety Act 1998, OH&S Act 2004 and OH&S Safety Regulations 2007 all Employers and Contractors have obligations to meet if working near or within Underground or Overhead Powerlines NO GO ZONES. Know your obligations under law. Spotter armbands are easily stored and carried by the Spotter. Make sure your team is prepared and ready to work safely.

If you would like to order Spotter armbands you can do so by emailing Energy Safe Victoria at [merchandise@energysafe.vic.gov.au](mailto:merchandise@energysafe.vic.gov.au). Rob Oldfield, Work Practices Advisor



# Increase your spray season by up to 3 months

## **Multibond SS**

- 62% bitumen emulsion
- Used for heavy patching and sealing applications
- Improved breaking behaviour over a standard CRS emulsion
- Used as an alternative to standard CRS emulsion
- Greater tolerance to dusty or wet aggregates

## **Eco Grip and Eco Flex high bitumen content emulsions**

- Water based high bitumen content emulsion, with either 70/75% bitumen content
- Used for light, medium and heavy spray sealing applications
- With the addition of polymer, Eco Flex has an improved cohesion rate to aggregate than regular high bitumen content emulsions
- Sprayed at lower temperatures than bitumen, allowing you to extend your spray season into the cooler months whilst using less cutter
- Safer to use than hot bitumen



# EnviroGreen



## Facilities Services



**1300 091 591**

[www.egcservices.com.au](http://www.egcservices.com.au)





## About Enviro Green Facilities Services



**ENVIRO GREEN FACILITIES SERVICES PTY LTD** was established in 2009 and is a privately owned and operated company with over 9 years experience in providing cleaning and maintenance services to commercial and residential customers. The principle has a great passion in providing state-of-the-art cleaning solutions that are tailored to our client's needs need and requirements. The company is young, small and dynamic with years of experience at its disposal through the personnel with a commitment to achieve great results and success associated with achievements.

We pride ourselves in delivering a customised quality service that exceeds our client's expectations. We focus on our client's needs and standards by providing an outstanding service so that they can focus on their core business with peace of mind. We have a reputation for being meticulous, methodical with a particular attention to details and standards. It is with this approach and attitude that has expanded our client base through referrals and word of mouth.

We have developed systems and procedure that maintains this consistent high standards, the management systems that we follow and keep are ISO 9001, EMS 14001 and OH&S Management System. Also, we constantly search and implement the latest technology and equipment to improve standards and offer efficiencies to improve bottom line for our clients.

## Our Cleaning Services

- ✓ Hard floor stripping & sealing
- ✓ High dusting
- ✓ High windows
- ✓ Carpet cleaning
- ✓ Emergency flooding



- ✓ Builders clean
- ✓ End of lease clean
- ✓ Multi-deck carparks /
- ✓ Driveways
- ✓ Walk ways / Footpaths /
- Entrances
- ✓ Graffiti removal





## Our Facilities Services

- ✓ Cleaning, Rejuvenation and Restoration
- ✓ Hygiene and Germ Prevention
- ✓ Waste Management and Recycling Services
- ✓ Pest Control
- ✓ Gardening and Landscapes
- ✓ General Handy Person Services
- ✓ Computer Server Room Cleaning

**EnviroGreen**  
Facilities Services



## Our Client

- |  |  |
|--|--|
| <input type="checkbox"/> Direct Connect Australia        | <input type="checkbox"/> Space Real Agents                 |
| <input type="checkbox"/> Cleanaway Corporation           | <input type="checkbox"/> Keyhole Property Investments      |
| <input type="checkbox"/> Helping Hand Caterers           | <input type="checkbox"/> Ausbuilt Group                    |
| <input type="checkbox"/> Parkes Real Estate              | <input type="checkbox"/> Edi Downer                        |
| <input type="checkbox"/> Commercial Real Estate Services |  |
| <input type="checkbox"/> Mornington Peninsula Shire      | <input type="checkbox"/> Uniting Age Well Regional Offices |
| <input type="checkbox"/> City of Frankston               | <input type="checkbox"/> Box Hill                          |
| <input type="checkbox"/> Wyndham City Council            | <input type="checkbox"/> Trimont Building Services         |
| <input type="checkbox"/> Whittlesea Council              | <input type="checkbox"/> Diamond Property Developments     |
| <input type="checkbox"/> Uniting Age Well Victoria       |  |
| <input type="checkbox"/> Westfield Doncaster             | <input type="checkbox"/> Ringwood Plaza                    |
| <input type="checkbox"/> Chadstone Shopping Centre       | <input type="checkbox"/> Greensborough Plaza               |
| <input type="checkbox"/> Stockland Shopping Centres      | <input type="checkbox"/> Box Hill Plaza                    |

**1300 091 591**





*“ We will deliver a safer and cleaner environment for you and your clients. This will be achieved through environmentally sound principles and practices ensuring a pleasant and safe place for future generations. ”*



## Safety & Regulatory Compliance Standards

Enviro Green Facilities Services implements and follows the regulatory standards:

- ISO 9001:2018  
Quality Management Systems
- ISO 14001:2018  
Environmental Management
- AS/NZS 4801:2018  
OH & S Management Systems



We are partners with our clients' performance. The clients' expectations, budgets, timelines and goals will guide us all to a strategic approach that will achieve the desired outcome for all stakeholders that will delight and provide a clean and safe environment.

**EnviroGreen**  
Facilities Services

1A, 1497 Sydney Road, Campbellfield VIC 3061

t 1300 091 591 f 03 9359 3712

e info@egcservices.com.au w www.egcservices.com.au







*The Essential First Step.*

Dial Before You Dig is a not-for-profit organisation that connects anyone planning to dig with the owners of underground infrastructure. It's free to lodge an enquiry.

Dial Before You Dig is the essential first step before any excavation.

## OUR SERVICE

### 1. LODGE AN ENQUIRY

Before you break the earth surface for any reason it is essential to lodge a free enquiry with Dial Before You Dig at least two business days before works begin.

**Lodging your free enquiry is easy:**

[www.1100.com.au](http://www.1100.com.au)



App Store and Google Play



Call 1100 during business hours



Asset owners will contact you directly with information on their assets this is usually in the form of email.

It is important to read all information provided by asset owners including their duty of care statements.

### 2. REGISTER YOUR ASSETS

**Do you know who is digging near your assets?**

**Is your council-owned infrastructure protected through the Dial Before You Dig Service?**

Dial Before You Dig and local governments can work together to better serve our community to protect all Australians from damaging assets.

Along with underground assets, you can now protect any above-ground infrastructure, including:

- Trees
- Heritage sites and art
- Contaminated land

To enquire about registering your assets with Dial Before You Dig please contact the Dial Before You Dig team at [office@dbyd.org.au](mailto:office@dbyd.org.au) or call (03) 9070 2302.



**WWW.1100.COM.AU**





TRUSTED PARTNER OF LOCAL  
GOVERNMENTS, PROVIDING

## **BUILDING MAINTENANCE, GROUNDS & GRAFFITI SERVICES**

Urban Maintenance Systems is an established provider of maintenance services. Privately owned and proudly Australian, UMS has been partnering with Local Government for over 20 years.



**“BIG ENOUGH TO MATTER, SMALL ENOUGH TO CARE”**  
CALL THE SAFE TRUSTED EXPERTS TODAY ON **1300 553 407**  
**[www.ums.com.au](http://www.ums.com.au)**





Does your  
Road Verge  
look like this?



When it  
should look  
like this!

## Road Shoulder Removal with "THE VERGER"

### Road Verge Shoulder Grader & Loading Combination



Call us today!



- Removes dangerous **Road Shoulder Build up** in one pass without working against the traffic.
- Clean & tidy in one operation.
- Ideal for edging before re-sealing.
- The safest & most efficient system available.

### Difficult Dirt Solutions

1048 Bass Hwy  
THE GURDIES VIC 3984  
[www.rgba.com.au](http://www.rgba.com.au)  
Roger 0418 313 256

For contract rates  
with or without  
truck hire  
& traffic  
management.



Roundabout & Islands Installed using TCA Rubber Roundabout and TCA Rubber Kerb



Before



After (2 Days Later)



TCA Speed Cushions



TCA - Car Park Treatments, Islands, Outstands, Separation Kerb & Speed Cushions

**Traffic Calming Australia (TCA)**, offers a range of Road Safety Products manufactured from re-cycled rubber. Our range includes: Rubber Roundabouts (various diameters), Rubber Kerbing (Semi-Mountable & Semi-Barrier), Rubber Speed Cushions (various widths), Speed Humps (various profiles), Wheel Stops, Separation Kerbs, Bollards, etc. **TCA** provides innovative solutions for your traffic management issues. Please contact us on **1800-055-292** if you have any queries or would like to discuss your next project.



# OmniCube

**With Intelligent Cube Technology™**

Avery Dennison™ has taken reflective sheeting to the next level in performance and safety.

OmniCube™ full-cube sheeting provides higher reflectivity and a more cost-effective production solution.



**SMART AT EVERY ANGLE**





chemical & coating solutions

NEW  
Improved Formula

# BioWeed™ Herbicide Ultra

A new generation organic, wholly plant derived, knockdown and pre-emergent herbicide – that works fast.

Bioweed is the culmination of 20 years of research and development to deliver a purer product which will take Organic Weed Control to the next level.

To produce BioWeed™ we have sourced the most Ultra pure active ingredients from sustainably farmed pine trees from around the world. While the formula still has 92% of the same weed and seed destroying pine oil properties we have used for over 20 years, the extra purity has meant that it is now even more economical to use.

From trials, and more importantly customer feedback, this means that BioWeed can be mixed at much lower rates and still have the same efficacy on your targeted weeds.

The product is manufactured from a derivative of pine oil, and has been certified organic, under the following numbers:



National Association for Sustainable Agriculture in Australia (NASAA) – certification number is 8082M

APVMA 62367 (Aust Pest & Veterinary Medicine Assoc)



Biological Farmers of Australia – certification number is A1801



**BUY**  
15 x 10 litres  
and get  
1 x Gloria 5 litre  
spray unit  
**FREE**

## Landmark Monsanto payout over possible Roundup cancer link divides Australian farmers

Source ABC website 13-8-18

<http://www.abc.net.au/news/rural/2018-08-13/what-does-the-monsanto-case-mean-for-australian-farmers/10114832>

## Dying cancer patient awarded \$395m in Monsanto Roundup case

Source SMH website 11-8-18

<https://www.smh.com.au/world/north-america/dying-cancer-patient-awarded-a395m-in-monsanto-roundup-case-20180811-p4zwww.html>

## Jurors give \$289 million to a man they say got cancer from Monsanto's Roundup weedkiller

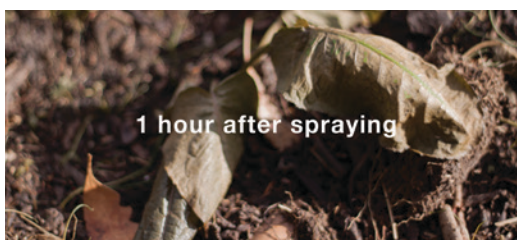
Source CNN website 12-8-18

<https://edition.cnn.com/2018/08/10/health/monsanto-johnson-trial-verdict/index.html>

**STOP  
PRESS!**



Before spraying



1 hour after spraying



3 days after spraying

***“If we don't have it, we'll source it”***

**Gary Johnson**

0433 890 850

[gary.johnson@gemmchemicals.com.au](mailto:gary.johnson@gemmchemicals.com.au)

[gemmchemicals.com.au](http://gemmchemicals.com.au)

# Council Surplus Plant & Equipment

## 2009 Caterpillar 963D Traxcavator/Crawler Loader



GraysOnline is Australasia's largest online industrial auctioneer specialising in the valuation and sale of surplus equipment for Councils & Government including Earthmoving, Transport, Agriculture, Sweepers and General Equipment. Every month we conduct dedicated Council & Government auctions and recently achieved the below result on behalf of Wangaratta Rural City Council.

**SOLD \$248,620**



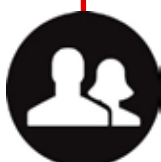
**765**

Unique Webpages  
Visitors



**2,269**

Total Page Visits



**8**

Bidders From  
NSW, VIC & QLD



**144**

Bids



**192**

Video Views



Sold within

**2 Weeks**

of Engagement



Sold from VIC to NSW Buyer



For more information about the results of this sale or for a confidential discussion about surplus fleet, contact:

**Logan Fenemor | Business Development Manager—Councils & Government**

0410 082 603 | [logan.fenemor@grays.com.au](mailto:logan.fenemor@grays.com.au)

**graysonline**  
.com





# The stabilisation specialists

Hiway Stabilizers is a leading supplier of Pavement Stabilisation services in Australia. Hiways design and construct stabilised pavements using Lime, Cement Blends and Foamed Bitumen techniques. With the capacity to deliver either spread and mix or finished for seal levels of service, including trimming and compaction, Hiways is the one stop shop.

The Hiway Group has a proud tradition of getting the job done on time and on budget by utilizing its extensive resources and expert industry knowledge.

With a variety of different sized stabilising machines and purpose built spreader trucks, Hiways can undertake all types of work from small stabilised patches to large scale full road reconstruction projects. Please don't hesitate to contact us for all your stabilising requirements.



## Contacts

Mark Filsell  
Southern Region  
M: 0428 803 001  
T: 03 9730 2020  
E: [MarkF@hiways.com.au](mailto:MarkF@hiways.com.au)

Kenn Hall  
N.S.W.  
M: 0409 741 716  
E: [kennh@hiways.com.au](mailto:kennh@hiways.com.au)

Save time on-site with a

# GRATED CATCH PIT SYSTEM

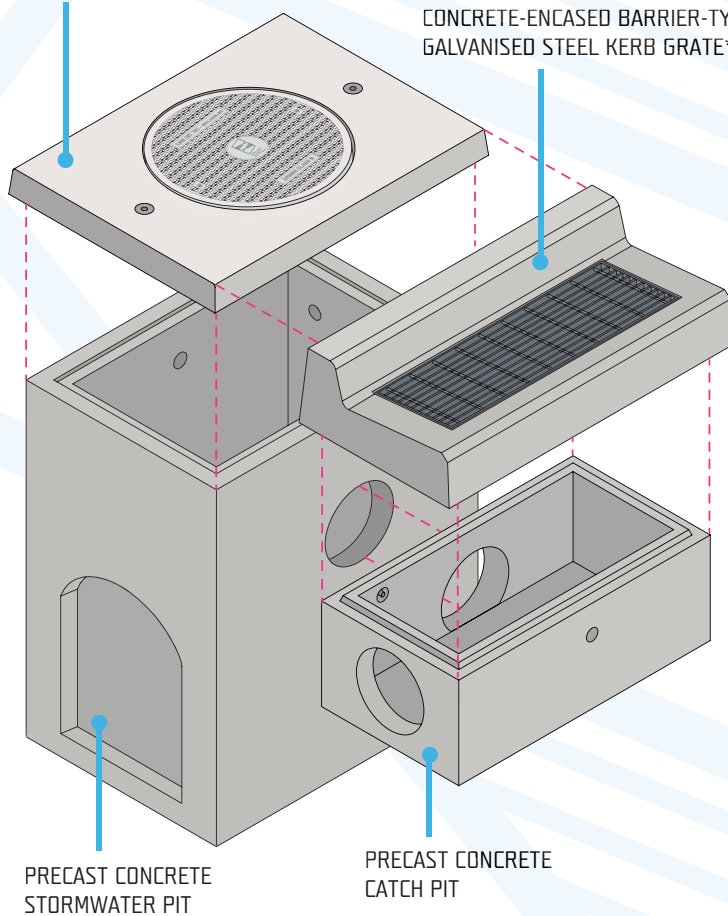
AN EASY-INSTALL KERBSIDE SOLUTION FOR STORMWATER DRAINAGE

Weather delays and labour challenges can be a major contributing factor to projects being delivered on time, and there are great benefits in finding ways to save time on site.

With the aim of reducing installation timeframes, SVC collaborated with the Wyndham City Council in 1992 to develop a fully prefabricated solution. The **kerb-side grated catch pit system** has since proven to be the most effective system for road drainage, with precast products available to suit three kerb profiles - SM2, SM2M and B2.

SEP60B CONCRETE FRAME WITH  
NEW GRIDLITE EVO CIRCULAR INSERT\*

CONCRETE-ENCASED BARRIER-TYPE  
GALVANISED STEEL KERB GRATE\*\*

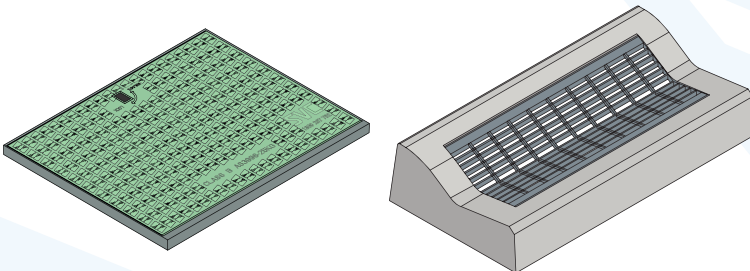


PRECAST CONCRETE  
STORMWATER PIT

PRECAST CONCRETE  
CATCH PIT

\* FULLSIZE GRIDLITE EVO LIGHTWEIGHT ACCESS COVER ALSO AVAILABLE

\*\* ENCASED SM2 PROFILE CHANNEL GRATE ALSO AVAILABLE



WHY CHOOSE A

## GRATED CATCH PIT SYSTEM?

SIGNIFICANT TIME SAVINGS

NO WEATHER DEPENDENCE

SIMPLE DROP-IN INSTALL

HIGH QUALITY FINISH

COMPLIANCE WITH EDCM

AVAILABLE IN 3 KERB PROFILES

## WHEN IN DOUBT, CHOOSE PRECAST

SVC's precast concrete products are quick and easy to install. Made in controlled factory environments, our final products often achieve a higher level of quality than what is produced during in-situ installation.

## WE ENSURE PRODUCT COMPLIANCE

All SVC access covers supplied with our grated catch pit systems are compliant with **AS3996** and meet all local council specifications.

**For more information, contact your SVC account manager or use the contact details below.**



# SWITCH TO THE BEST

## Grade

WITH THE NEW **GD655-7**



**The future is at  
your fingertips**  
*with dual function palm controls  
& steering wheel as standard.*



1300 566 287 | [komatsu.com.au](http://komatsu.com.au)

**KOMATSU**  
*Driven by your success*



**traffic**  
technologies

# DENEEFE SIGNS

[www.trafficltd.com.au](http://www.trafficltd.com.au)

## 1300 88 SIGN



**VIC (Head Office): 25 Brisbane St, Eltham, 3095**

- **NSW:** 12-14 Leeds St Rhodes NSW 2138
- **ACT:** 3 Shropshire St, Queanbeyan, 2620
- **SA:** Unit 3, 74 Fullarton Road, Norwood, SA 5067
- **QLD:** Unit 2, 116 Crockford St Northgate, QLD 4013
- **WA:** 10 Boulder Rd, Malaga, 6090
- **TAS:** Unit 4, 18A Hull St, Glenorchy, 7010
- **NT:** 61-63 Benison Rd Winnellie NT 0820



# THE NEW CAT® GC RANGE

- ☒ **QUALITY**
- ☒ **RELIABILITY**
- ☒ **VALUE**
- ☒ **BELLS & WHISTLES**



## THE NEW CAT GC EQUIPMENT RANGE BRINGS YOU MORE CHOICE THAN EVER BEFORE.

With the same Cat DNA and support from WesTrac, these standard machines come with a host of benefits for your business, at a price that might surprise you. Talk to us today about our new Cat GC range of excavators, wheel loaders, motor graders, articulated dump trucks and soil compactors.

**DO MORE** | Call 1300 88 10 64 | Visit [WesTrac.com.au/GC-Value](https://www.WesTrac.com.au/GC-Value)

© 2019 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, their respective logos and "Caterpillar Yellow", and the POWER EDGE trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

**WesTrac**





## WHAT WE DO

Our operators are registered plumbers that specialise in clearing drain blockages of all types. We respond to reactive clearing of drains on an adhoc basis and programmed inspection and maintenance of drains.

**WE DO NOT OFFER GENERAL PLUMBING SERVICES.  
WE SPECIALISE IN PROVIDING:**

- ✓ DRAIN RELINING SERVICE
- ✓ SPECIALISED DRAIN CLEARING
- ✓ CCTV CAMERA INSPECTION AND ASSET LOCATING  
(BOTH TRACTOR CAMERA AND PUSH ROD)
- ✓ ROBOTIC CUTTING AND TOP HAT/T WRAP SOLUTIONS

The Drain Man uses the latest high-tech CCTV equipment to provide clarity on an asset status and to diagnose the cause of ongoing asset blockages; this allows us to offer a precise and long-term solution for our customers which are end to end.

## OUR TEAM

We operate a large specialised fleet equipped with High Pressure Water Jets, Drain Clearing Machines, CCTV cameras with Recording and Locating equipment on board.

Our other specialised equipment includes Tractor Cameras for inspecting sections of drain up to 300 metres in length (from 100mm diameter to over 1 metre diameter) and Robotic Cutting equipment to cut out intrusions, damaged or collapsed sections and for the installation of junction liners for lateral connections in previously lined or not yet lined drains.

## THE BEST AT WHAT WE DO

Up until December 2017 The Drain Man have relined over 25,000 drains and pipes for Water Authorities, Hospitals, Schools and Civil Contractors Australia wide.

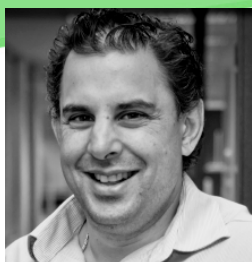
Our quality services in Drain Cleaning, Inspection and Rehabilitation are available 7 days a week. Our growth is testament to investment in the licensing of the use of the best products and equipment, along with our professionally trained staff to complement the products and equipment.

The Drain Man is CCF Civil Construction Management Code Certified for Sewer Reticulation & Renewal as well as Renewal and Pipe or Manhole Rehabilitation.

- ✓ WE ARE ON A PATH TO OBTAINING ISO ACCREDITATION
- ✓ WE ARE FOCUSED ON CONTINUING TO MEET OUR CUSTOMER'S INDIVIDUAL COMPLIANCE REQUIREMENTS
- ✓ OUR TRACTOR CAMERA EQUIPMENT RECORDS TO CURRENT WSAA CODE REQUIREMENTS



# 60 SECONDS



## **60 SECONDS WITH:** **PETER ALI**

### **Work History:**

MWOA – Interim Executive Officer  
Whittlesea City Council – Manager City Presentation  
Whittlesea City Council – Parks Special Projects Officer

### **Nick Name:**

Pete

### **Do you have a pet?**

Yes, a black Lab called Asha and a black cat called Leo.

### **What's your favourite food?**

Probably Thai food

### **What's your favourite sport?**

I guess AFL is my favourite, especially when the Tigers are on a roll.

### **What's your favourite hobby?**

I really enjoy getting out on the bike (both mountain and road)

### **Ideal Holiday?**

Somewhere tropical

### **Favourite TV Show?**

I like those HBO series. They take a while to get through but there pretty good entertainment. Deadwood, WestWorld and The Wire were all good.

### **Favourite Movie?**

I don't mind those sporting biopics. The one about Ayrton Senna was great recent example

### **Favourite Book?**

I don't really have a favourite. I'm not a big reader of novels to tell you the truth.

### **Dream Job?**

I think that those NASA Apollo Astronauts had a pretty good gig. You get great views of earth from the moon if your rocket doesn't blow up on take-off.

WA270-8 & WA320-8

# MIGHTY & Green

BUILT FOR A **SMARTER** FUTURE

Versatile PZ-Linkage

Efficient 4th Generation HST

Powerful 107 series Engine



1300 566 287 | [komatsu.com.au](http://komatsu.com.au)

**KOMATSU**  
Driven by your success

