



**P A T R I O T**  

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**ENVIRONMENTAL MANAGEMENT**



# PROVIDING A COMPREHENSIVE SEAMLESS END-TO-END SOLUTION

**Utility MAPPING**

**PATRIOT**  
ENVIRONMENTAL MANAGEMENT

  
**PIPEHAWK**  
UTILITY MANAGEMENT

**handel:**



DESIGN

- Data Management
- Data Acquisition
- GPR
- Concrete Scanning
- Utility Mapping & Survey
- Data Capture
- Data Processing & Verification
- CAD & 3D Modelling

[WWW.UTILITYMAPPING.COM.AU](http://WWW.UTILITYMAPPING.COM.AU)



CONSTRUCTION

- Non-destructive Digging
- Drain Cleaning
- Waste Treatment & Beneficial Reuse
- Contaminated Waste Management
- Liquid Waste Management
- Transportation of Liquid & Solid Resources

[WWW.PATRIOTGROUP.COM.AU](http://WWW.PATRIOTGROUP.COM.AU)



MAINTENANCE

- CCTV & Pipeline Assessment
- Laser Profiling
- Utility Maintenance
- Pipe Rehabilitation
- Pipe Patching
- "No Dig" Pipe Repairs
- Leak Detection
- Utility Management
- Subsurface Utility Locating

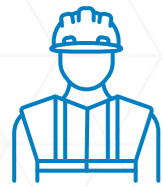
[WWW.PIPEHAWK.COM.AU](http://WWW.PIPEHAWK.COM.AU)



ENVIRONMENT

- Waste Management
- Upcycling & Recycling
- Data Management
- C&D Waste
- C&I Wastes
- Packaged Wastes
- Sustainability

[WWW.HANDEL.GROUP](http://WWW.HANDEL.GROUP)



# ZERO HARM

SAFETY PROTOCOLS



## A FOCUS ON SAFETY AND COMPLIANCE RIGOUR

Patriot Environmental is committed to safe and efficient operation of its people, heavy vehicle fleet, equipment, and waste management activities. Our primary objective is to prevent all accidents, injuries, and occupational illness.

In order to promote a safe and positive workplace, we have set measurable targets in order to assess progress and performance. Our targets promote continuous improvement with the aim of eliminating work related injury and illness, ensuring compliance with all applicable international standards, legislation and client requirements.

We believe that health, safety, environment and the quality of our service is the responsibility of every worker.

It begins with each of us through the decisions we make, the actions we demonstrate, and our behavioural attitude we display each and every day. The considerations we give to one another are the same considerations we give to all customers, contractors, volunteers and visitors we work alongside.

**FIND OUT MORE AT :** [PATRIOT GROUP OHS POLICIES](#)





# ZERO IMPACT

ENVIRONMENT PROTOCOLS



## A FOCUS ON ENVIRONMENTAL SUSTAINABILITY

Patriot Environmental is dedicated to providing sustainable environmental solutions to meet your total waste management needs.

We recognise the importance of protecting and improving the environment by ensuring we implement sustainable work practices, and are committed to achieving a Zero Environmental Impact target. Not only does this make sound commercial sense, it also fosters long-term trust and sustainable practices for the benefit of our communities and future generations.

We have developed an Environment Management Plan to reflect our commitment to sustainability and to underpin all of our activities.

This plan allows us not only to ensure compliance with relevant state and national regulations, Australian Standards and contract conditions, but to exceed these requirements.

**FIND OUT MORE AT :** [PATRIOT GROUP ENVIRONMENTAL POLICIES](#)



MEMBER





# Utility MAPPING

## UNDERGROUND UTILITY LOCATION, MAPPING & DESIGN

We provide innovative utility locating and mapping, non-destructive digging and survey services for the civil, design, environmental, geotechnical, utilities, infrastructure and facilities management sectors.

We give our clients the confidence to plan, design and manage their project. With national coverage and resourcing, we provide the personnel, equipment and solutions for any project small or large.

With an aim to be recognised as the premium underground service locators in Australia, we give our clients an assurance that we're committed to providing quality and safety excellence on every project. We subscribe to the philosophy of "Zero Harm" to our people and the environment.



[UTILITY SURVEYS](#)



[AUGMENTED REALITY & GIS APPLICATION](#)



[CAD MODELLING & BIM](#)



[NON-DESTRUCTIVE DIGGING AND SURVEY](#)

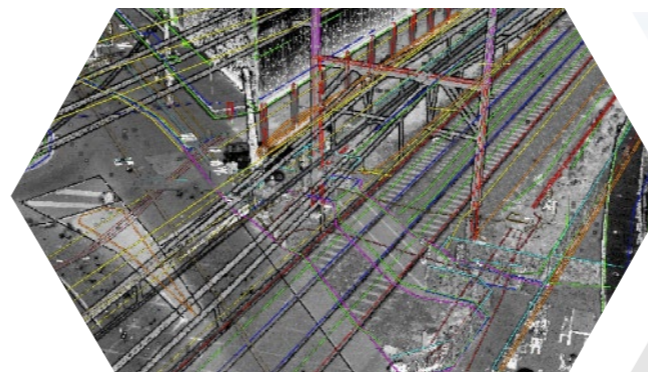
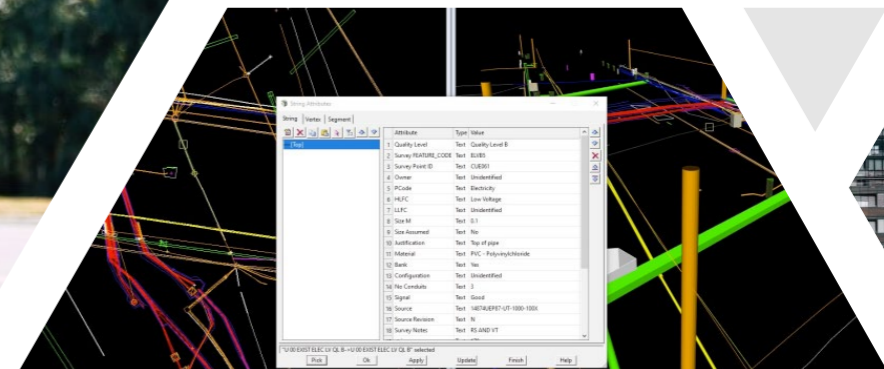


[CONCRETE SCANNING](#)



[SAFETY & QUALITY ASSURANCE](#)

FIND OUT MORE AT : [WWW.UTILITYMAPPING.COM.AU](http://WWW.UTILITYMAPPING.COM.AU)





# PIPEHAWK

UTILITY MANAGEMENT

## CCTV + PIPELINE INTELLIGENCE AND MANAGEMENT

Pipe Hawk Utility Management are industry specialists in CCTV pipe and conduit inspections, drain cleaning, subsurface utility locations and no dig pipe repairs. Our state of the art equipment and technology provides an efficient cost-effective solution and all reporting is completed on site without delay.

Pipe Hawk Utility Management has the capacity to deliver both large scale and small projects to councils, civil contractors, engineers, consultants, designers, surveyors, water authorities and residential owners. We work predominantly on the eastern seaboard with offices in Ormeau (QLD), Hallam (VIC) and Lonsdale (SA) and will travel nationwide upon request.

### PIPE HAWK PROMO



CCTV PIPE & CONDUIT INSPECTIONS



DRAIN CLEANING



SUBSURFACE UTILITY LOCATION



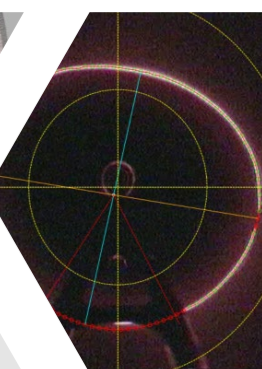
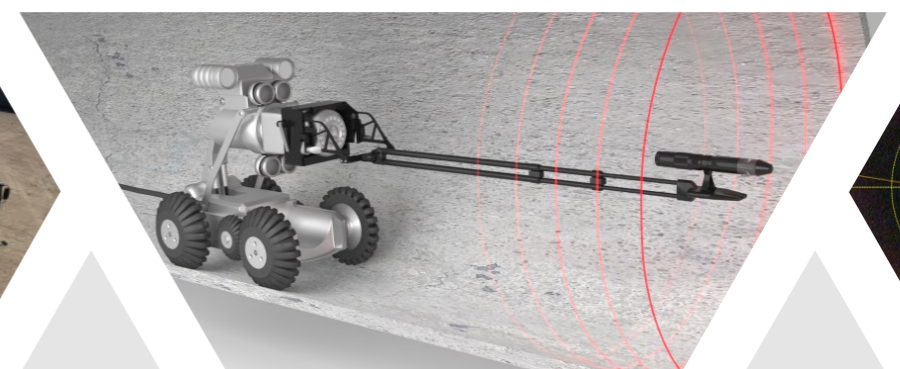
NO DIG PIPE REPAIR & PATCHING



LASER PROFILING



WATER LEAK DETECTION



FIND OUT MORE AT : [WWW.PIPEHAWK.COM.AU](http://WWW.PIPEHAWK.COM.AU)



# PATRIOT

ENVIRONMENTAL MANAGEMENT

## SPECIALISTS IN SUSTAINABLE ENVIRONMENTAL MANAGEMENT

Since establishing in 2008, Patriot Environmental Management's vision is to be a leading provider of environmental management solutions to the mining, oil and gas, tunnelling, drilling, utilities, construction and industrial sectors across Australia. We offer a range of services from treatment and transport of all liquid waste, industrial services and total waste management for both liquid and solid waste streams.

We strive to be "First Choice - Best Value". This means being safe, environmentally responsible, operationally excellent, innovative and having the best underlying systems, procedures and team. Patriot is committed to continual improvements involving our business systems, equipment, processes and personnel.



ROAD AND RAIL



TUNNELLING & DRILLING



CONSTRUCTION



MINING



OIL & GAS



ENVIRONMENTAL

FIND OUT MORE AT : [WWW.PATRIOTGROUP.COM.AU](http://WWW.PATRIOTGROUP.COM.AU)



# SUSTAINABLE ZERO WASTE SITES WITH PATRIOT MOBILE WASTE TREATMENT PLANTS

The Patriot mobile waste treatment plant offers a comprehensive, environmentally friendly, sustainable solution for waste management; as well as providing significant cost and time-saving benefits.

### Collects, Treats & Reuses NDD Wastes

1. Reducing or negating disposal costs
2. Beneficially reusing recycled commodities on site
3. Reduce water or fill import costs
4. Maximising production on-site
5. Eliminating travel costs
6. Improving ISC credit rating



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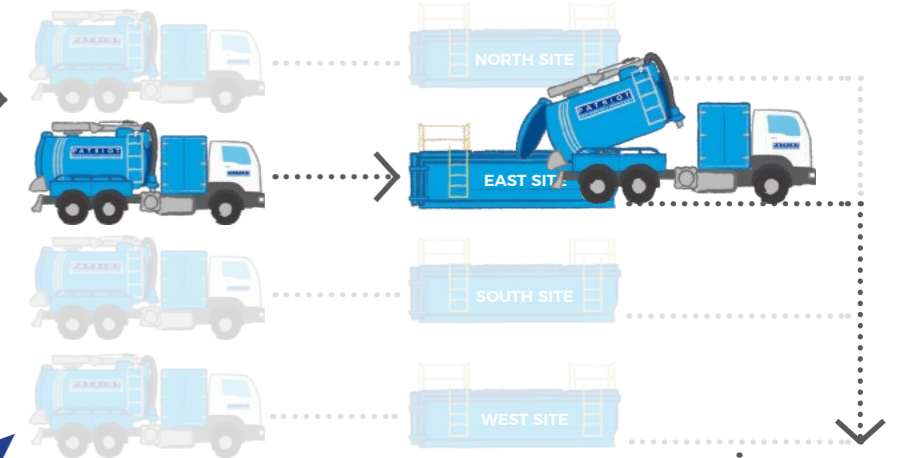
We joined ISC to demonstrate sustainability leadership and to further our mission in creating Zero Waste Sites in construction and infrastructure. We're also keen to be part of the community of practice uplifting better outcomes for people, planet and profit.

Brett George  
Managing Director, Patriot Group

### WASTE REMOVAL



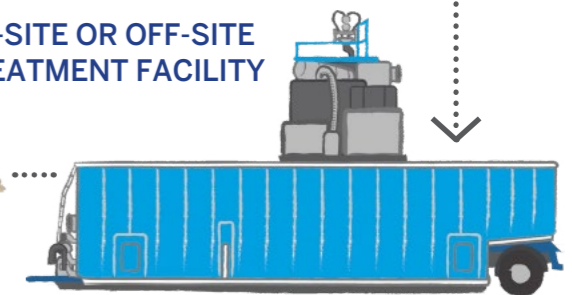
### TRANSFER & CONSOLIDATION



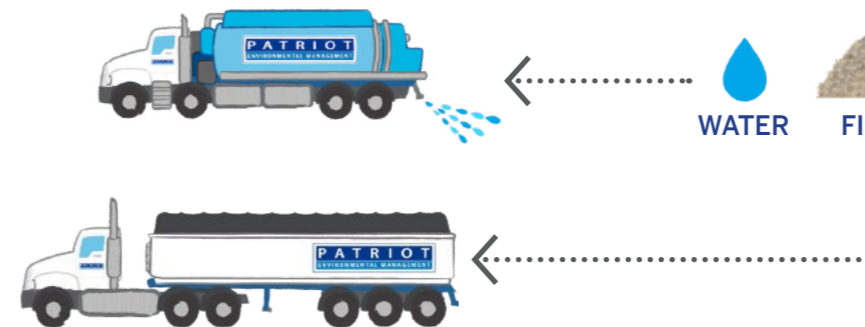
### COLLECTION & REMOVAL



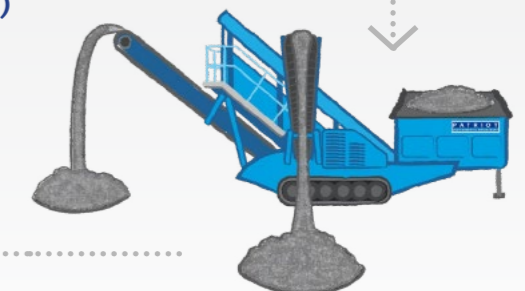
### ON-SITE OR OFF-SITE TREATMENT FACILITY



### DISTRIBUTION & RE-PURPOSE



### FURTHER SCREENING (ADDITIONAL OPTION)







# RELIABILITY

ASSURANCE PROTOCOLS

## TRIED AND TRUE THROUGH A SINGLE POINT OF CONTACT

Patriot Environmental provides comprehensive end-to-end waste management with simple, streamlined solutions and trusted, reliable outcomes.

Our extensive experience, wide service offering, national footprint, and specialist know-how mean that all aspects of your risk-mitigation in proving underground assets, as well as waste management and disposal, will be taken care of with a seamless point of contact.

With rigorous systems protocols and comprehensive accreditations for safety, environmental sustainability, and quality assurance implemented throughout all Patriot Group companies, we provide the operational excellence and assurance our clients need all the time, every time.

While our systems are tried and true, we are also committed to continual improvement through a focus on technological advancements and managerial innovation practices, personal excellence through training and interactive optimised on-the-ground implementation.

Patriot Environmental strives to be your 'First Choice, Best service provider by continuously forging forward as the industry leader to give our clients the most simple, reliable, safe, ethical and efficient service available.

**FIND OUT MORE AT :** [PATRIOT GROUP – WHY CHOOSE US?](#)





**P A T R I O T**  
ENVIRONMENTAL MANAGEMENT

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Ormeau  
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**Eagle Farm Depot**

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Eagle Farm  
Queensland 4009

**NEW SOUTH WALES**

**Sydney Depot**

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Ingleburn  
New South Wales 2565

**SOUTH AUSTRALIA**

**Adelaide Depot**

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Lonsdale  
South Australia 5160

**VICTORIA**

**Melbourne Sales Office**

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**Hallam Depot**

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Hallam  
Victoria 3803

**Airport West Depot**

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