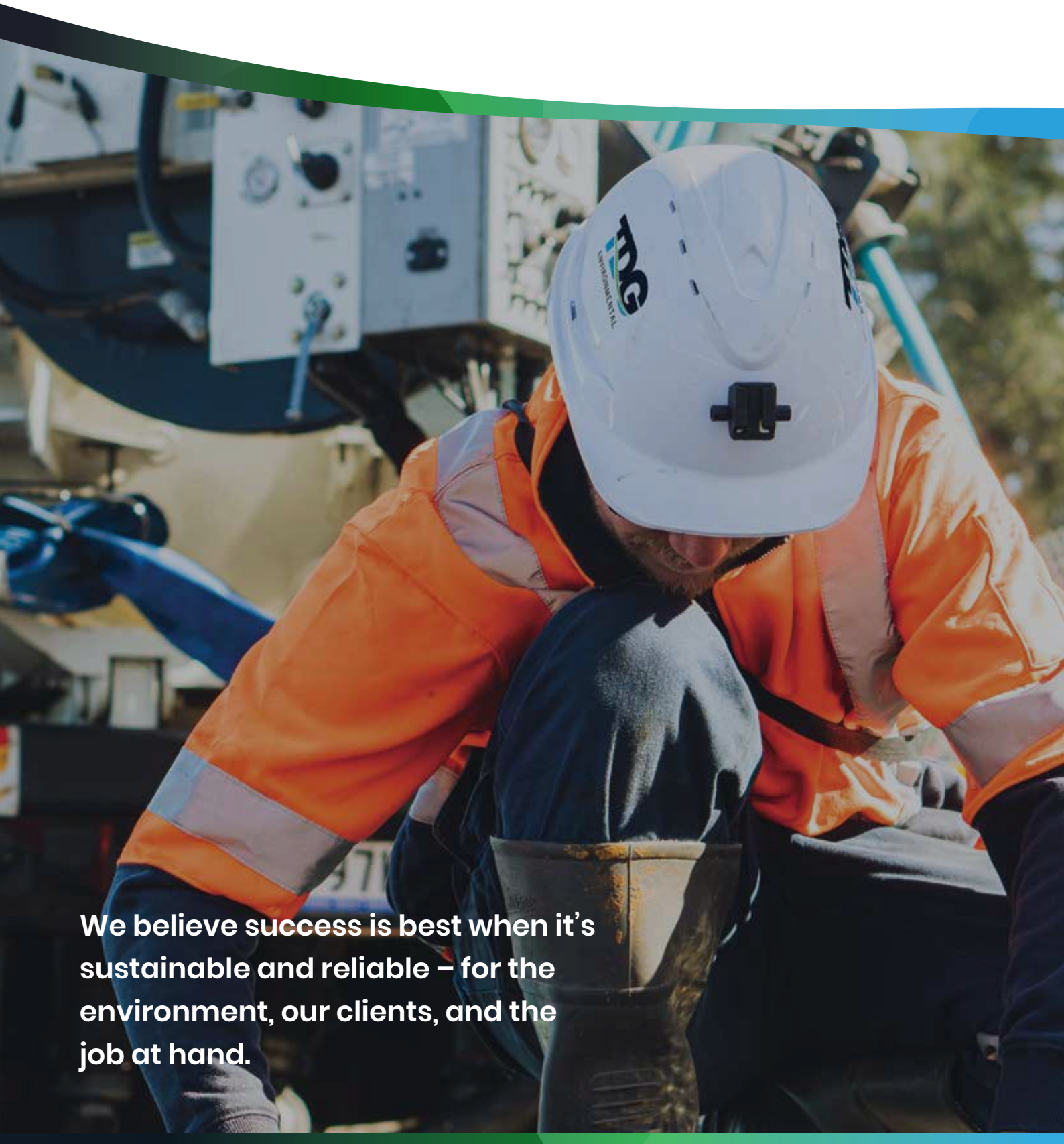




















# Capability Statement

A photograph of a worker in safety gear, including a white hard hat with the TDG logo, an orange high-visibility vest over a dark blue long-sleeved shirt, and black rubber boots. The worker is leaning over, working on a piece of industrial machinery. The background shows more of the machinery and some greenery.

**We believe success is best when it's  
sustainable and reliable – for the  
environment, our clients, and the  
job at hand.**



TDG Environmental is the most experienced provider of sustainable waste and stormwater management solutions throughout Australia and New Zealand specialising in a comprehensive range of environmental services including:

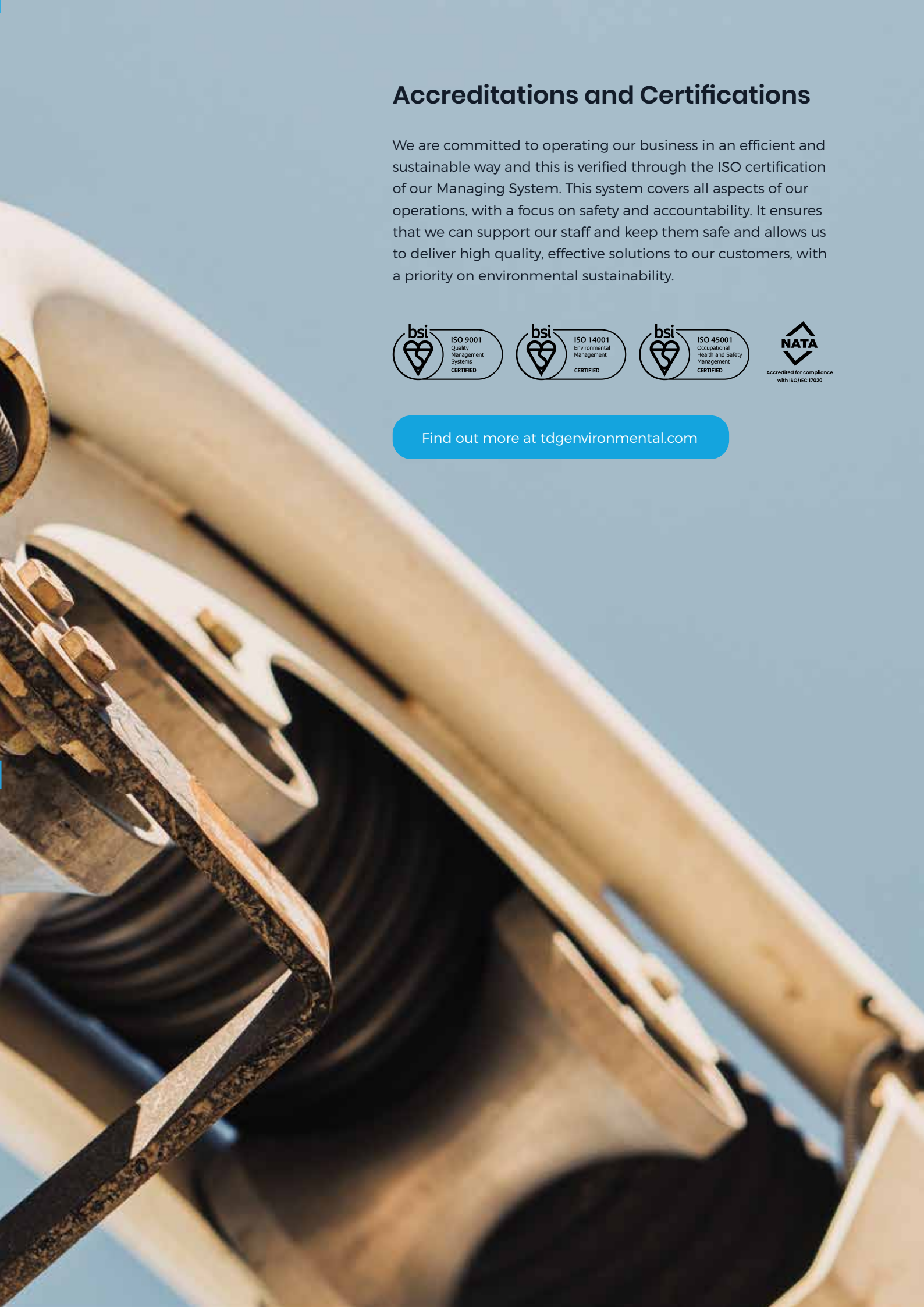
- |   |   |  |
|---|---|--|
|  Pipe and Culvert Cleaning          |  Non-Destructive Digging |  Utility Locating               |
|  Bulk Waste Transport               |  Pipe Rehabilitation     |  Pipeline Assessment            |
|  Gross Pollutant Traps (GPT)        |  Pipe Patching           |  Ground Penetrating Radar (GPR) |
|  Liquid Waste Management            |  Vacuum Tanker           |  CCTV Condition Inspection      |
|  Sewerage systems asset maintenance |  Material Recycling      |  Spider Excavator               |
|  Separator hook lift bins          |  Grab Truck             |  Spot Spray Tree Root Control  |

## Accreditations and Certifications

We are committed to operating our business in an efficient and sustainable way and this is verified through the ISO certification of our Managing System. This system covers all aspects of our operations, with a focus on safety and accountability. It ensures that we can support our staff and keep them safe and allows us to deliver high quality, effective solutions to our customers, with a priority on environmental sustainability.



Find out more at [tdgenvironmental.com](https://tdgenvironmental.com)







## Underground Utility Locating, Mapping and Condition Assessment



### Data Management

We use our own web-based GIS portal – Utility Track (UT) to provide the ideal way to track, store, back up and transmit underground pipeline information obtained through our works. Photos, streamed videos, production statistics, CCTV reports, and attribute and spatial data can be instantly uploaded. Operators can input reporting data including date of cleaning, estimated tonnage of waste removed, type of waste, any defects found, and before/after photos.



### Desktop Record Search

Collation of existing utility information and Conduct Dial Before You Dig (DBYD) search.



### Ground Penetrating Radar (GPR)

Our service locating crews use the latest technology, including GPR and a variety of other equipment, allowing our staff to quickly identify what needs to be looked at, and efficiently find and trace assets.



### Pipeline Inspection and Condition Assessment (CCTV)

We send 6-wheel drive, remotely operated CCTV robots to navigate, and silent inverter technology means we're perfect for noise-sensitive receptors. Reports are generated in line with WSA and IPWEA standards.

Our team provides rehabilitation recommendations for defects and can schedule for immediate action if necessary.



### Utility Locating and Underground Utility Mapping

Utilising traditional electronic locators and Ground Penetrating Radar (GPR), our qualified operators are able to locate and map underground assets including electrical cables and high voltage lines, gas and water pipes, telecommunications and fibre optic cables, and sewer and stormwater pipes. Our equipment can detect services through concrete, allowing detection of water leaks and faults in cables. Once mapped, we provide pre-excavation plans.

This process allows us to minimise ground disturbance and provide a clear picture of underground services.





## Environmental Management Solutions



### Pipe and Culvert Cleaning

TDG's combination jet/vac units channel high pressure water through specialised cleaning nozzles to dislodge debris and obstructions from within pipes. The dislodged product is then recovered using high velocity vacuum preventing further blockages occurring downstream.

Our purpose-built high-pressure water-jetting units have the ability to independently set flow rate and pressure rates allowing us to tailor cleaning techniques ensuring pipes are cleaned efficiently without damaging pipes, particularly those in a heightened state of dilapidation. All units are equipped with an array of cleaning nozzles ensuring we have the right tool to handle any blockage.

As a company with a clear focus on sustainability and the environment, TDG has invested heavily in Water Recycling Technology with our combination jet/vac units. They allow us to recover, recycle and reuse water used during the cleaning process, drastically reducing volumes of potable water required for cleaning of assets.



### Gross Pollutant Traps (GPTs)

Our fleet of specialty vehicles and plant, including combination jet/vac units, grab trucks and tippers, are designed to effectively clean GPTs. With specifically trained operators, we currently service over 3,000 varying models.

Our standard practice of decanting free water through our specialty vehicles prior to disposal greatly reduces disposal costs and allows our vehicles to work for longer, increasing the number of GPTs cleaned each day.



### Liquid Waste Management

We provide industrial vacuum truck services for the collection and/or disposal of liquid waste. We're EPA transport licensed and can provide a solution for your pump outs, flow control, and maintenance shutdown requirements. Our range of tankers are purpose-built for easy removal of liquids, slurries and sludges, and are equipped with a high-pressure hose to provide a comprehensive asset clean. They are supported by qualified, fully equipped confined space teams.



### Non-Destructive Digging (NDD)

Using NDD techniques, we provide a quick, precise, and safe means of mapping and uncovering critical and high-risk assets within your work zones. Our units use pressurised water and vacuum to remove the surrounding material and expose underground assets safely. Our process requires less backfill, less labour, less restoration, and less environmental impact than conventional digging methods.





### Pipe Rehabilitation

Using pipeline robotics and in-pipe trenchless patching we are able to restore structural integrity and hydraulic performance to damaged assets. By utilising innovative trenchless technology we are able to provide a cost-effective option to repair defects at a fraction of the cost of traditional excavation and open trench methods.

Our powerful remotely operated Robotic Milling units are capable of removing all types of obstructions from pipes including concrete, tree roots, intruding connections and hardened steel objects such as post and screw piers. TDG's multi-functional Pipe Rehabilitation units provide a complete onsite solution to perform even the most challenging pipeline repairs



### Wastewater Infrastructure Maintenance

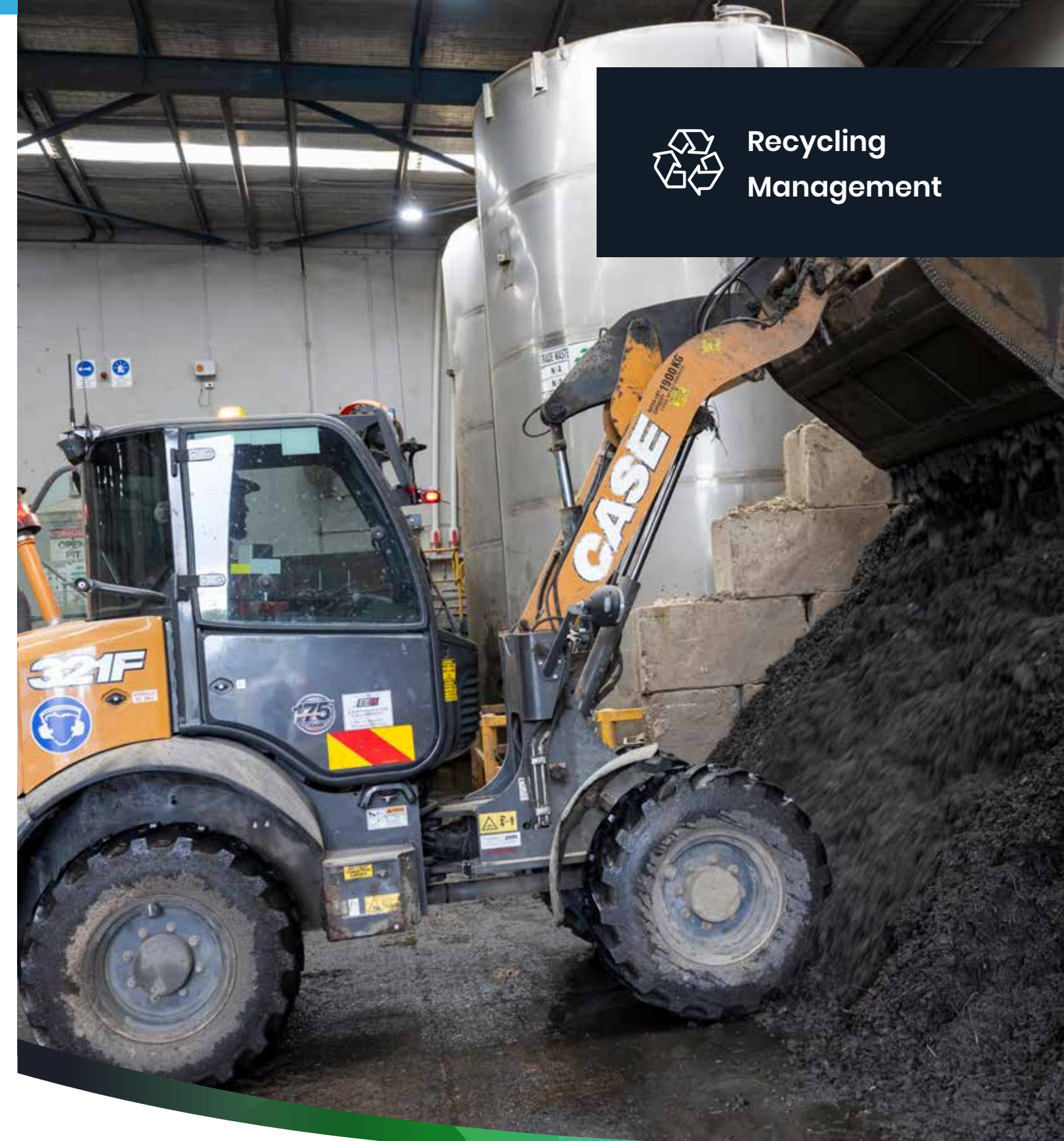
We provide specialised cleaning services to ensure sewerage systems are well maintained, reliable and have reduced risk of overflow and environmental harm. Our fleet of bespoke vehicles and plant are used to perform maintenance activities on a range of infrastructure including Retic and Trunk Sewer Networks, Sewer Pump Stations, Wet Wells, Grit Collection Chambers and Sewer Treatment Plants.

Equipped with specialised confined space entry equipment, our trained staff are able to safely perform complex entries frequently associated with these types of works.



### Waste Management

Our hook-lift separator bins are custom-built for stormwater waste, non-destructive digging of mud, and sweeper waste minimising waste disposal costs. They offer an innovative solution for when it is not feasible for waste to be continually carted to a waste facility. They can be stored on-site and transported to a waste facility once full. We also use clamshell grab trucks as an innovative solution to increase productivity when cleaning large, open-channel culverts and GPTs. Grab trucks are extremely efficient in removing bulk waste via the use of an extendable clamshell boom.



## Recycling Management

### Upcycling and Recycling

Mainstream Recycling is our EPA-licensed recycling facilities business solely dedicated to processing and recycling stormwater, street sweeper and non-destructive digging wastes. Our innovative design enables us to recycle up to 98% of the recovered waste collected from stormwater/GPTs, NDD and street sweeper materials. Our goal is to create a circular economy whereby we process and reuse stormwater waste as an additive to the landscaping industry.





## Health and Safety Compliance

To keep our people, our customers, and members of the community safe, each truck is fitted with a long list of safety features, including beacon lights, brake and reverse alarms, infrared exclusion zone technology and CCTV Camera systems that provide the driver with a 360-degree view of the truck's footprint.

Some additional key safety and compliance features include a hold to activate high pressure water remote, onboard weighing system and GPS tracking system

In conjunction with all employees, TDG acknowledges its responsibility for health and safety and is committed to continual improvement in pursuit of the highest possible health and safety standards in all workplace activities.



## Zero Environmental Impact

TDG is committed to sustainability and the minimisation of our environmental impact through the continual development and improvement of personnel, equipment and our processes.

To assist us in achieving our zero environmental impact we have invested heavily in environmentally friendly units including water jetting, CCTV and Rehabilitation powered by solar battery systems, water recycling combination jetting / vacuum units capable of continuously capturing and recycling water for cleaning.

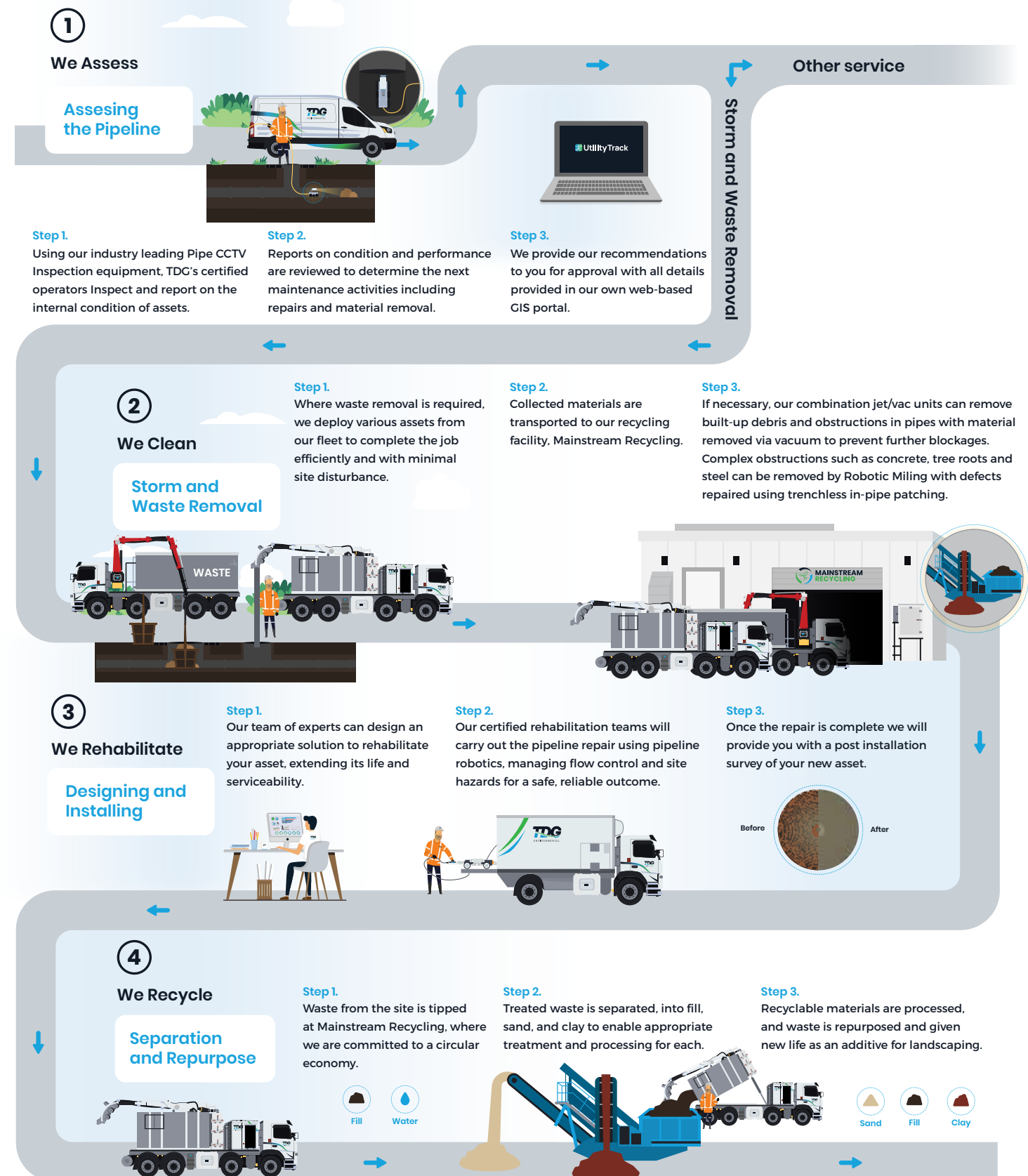
These environmental protection features reduce potable water consumption and heavily decrease the amount of water that would normally go offsite for disposal.

All trucks are EPA licensed to transport a large range of waste materials including stormwater wastes, wastewater and sludges, non-destructive digging materials and even hazardous wastes.



## Our operating model

Our tried-and-true process ensures we get the job done right the first time, every time. With more than 30 years of experience, you can be sure we'll deliver prompt, reliable, high-quality services for your project, no matter the size. Once you've let us know about the issue or the service you need from us, we follow the below end-to-end process, and keep you up to date every step of the way.



# Servicing Australia and New Zealand.

## Australian Locations

### VICTORIA

Truganina  
Dandenong South  
Geelong  
Bendigo  
Ballarat

### QUEENSLAND

Brisbane  
Gold Coast  
Ipswich

### NEW SOUTH WALES

Wetherill Park  
Unanderra  
Wyong

### SOUTH AUSTRALIA

Lonsdale

## New Zealand Locations

### AUCKLAND

WELLINGTON

### WHANGAREI

BLLENHEIM



## Sustainable Success.