



LIFE CYCLE APPROACH TO ESSENTIAL STORMWATER ASSETS

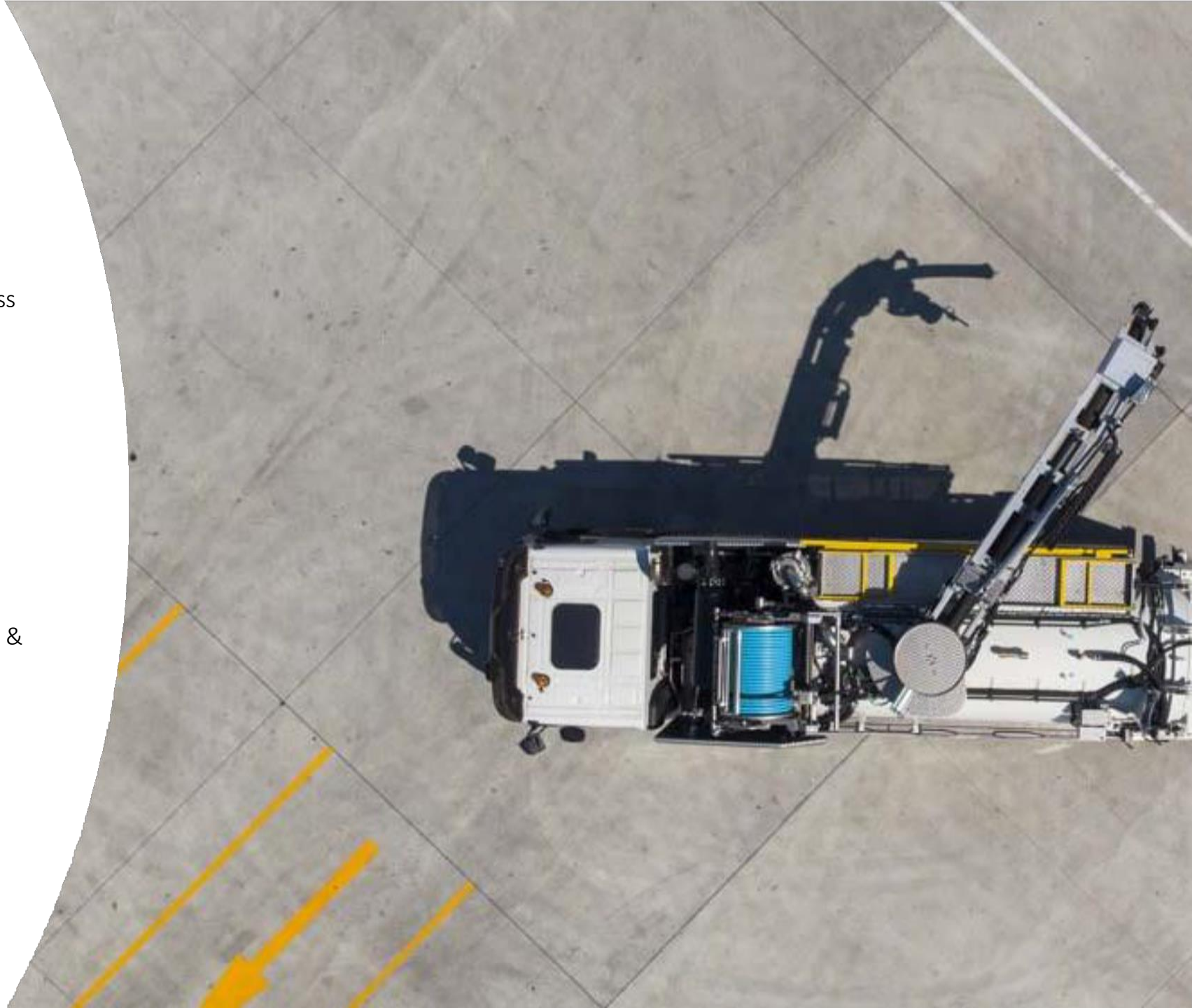
The innovative pipeline assessment
and rehabilitation contractor



LIFE CYCLE OF ASSET

Pipeline Watertech is a pipeline assessment and rehabilitation company providing services to business in NSW and the ACT including Sydney Water, Local Councils, civil companies, and other rehabilitation providers. We pride ourselves on the quality of services we provide, and we endeavour to increase our range of services for our clients as we grow.

Through our knowledge & experience pipeline watertech has developed a one stop system when it comes to the Lifecycle on major stormwater assets , our approach is to be able to complete a structural assessment of the pipeline , outline any regular maintenance including drain cleaning to remove silt & debris or tree root infestation , one maintenance work is completed pipeline watertech will make recommendations for any rehabilitation works that the asset may require to undertake.



(STAGE ONE) LIFECYCLE: CCTV CONDITION ASSESMENT & REPORTING

Pipeline Watertech has dedicated CCTV units that house the latest iPEK camera inspection units. These units have the capability to provide structural assessments on sewer and stormwater assets ranging from 80mm-2400mm in diameter. Where this does not meet our client's needs, we also offer specialised solutions including laser profiling and flotation devices utilising the latest technology.

All our camera systems use WinCan V8 and VX reporting software which allows us to efficiently collect pipe inspection data, organise it into a database, and generate inspection reports that graphically display the pipe and its defects.

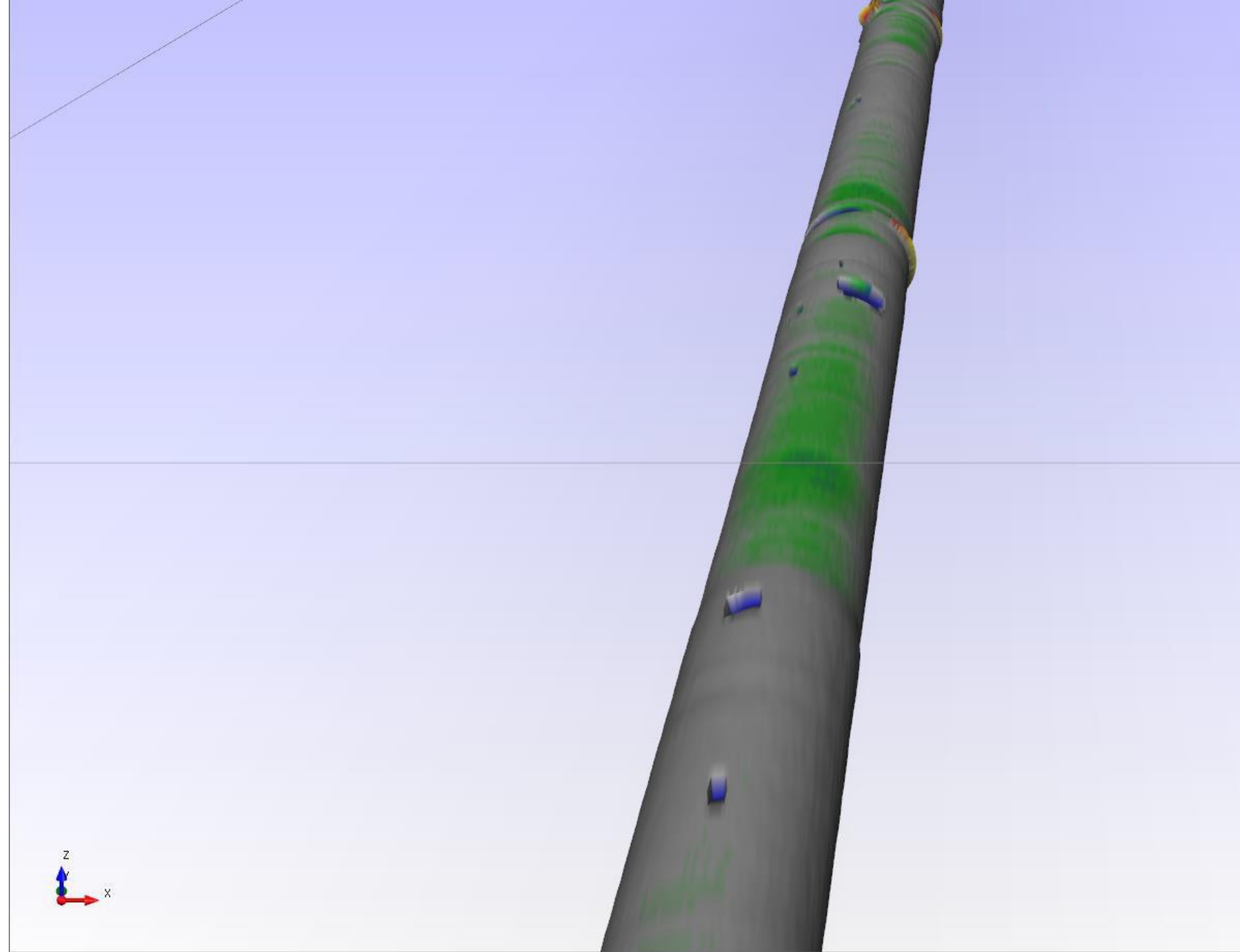
Pipeline Watertech also has the capability of Win Can VX mapping software which allows our trusted clients to access all our reports, videos and mapping comments through a cloud-based portal.

The current reporting standard that Pipeline Watertech utilities is WSA 05-2013 Conduit Inspection Reporting Code of Australia Version 3.1.



- CCTV ASSESSMENTS

Pipeline watertech stage one of life cycle approach is to complete a full structural assessment and analysis process of the pipeline , Our capability's we believe exceed the market being able to complete a laser profile to get the exact structural integrity of any pipeline , Our valued clients in recent years have found major value to apply this service along major roads and highways giving our clients piece of mind to make the correct decisions for rehabilitation programmes



Middle Mouse Button = Rotate, Ctrl + Middle = Pan, Shift + Middle = Zoom, Mouse Wheel = Zoom +/-

(STAGE 2) LIFECYCLE :DRAIN & CULVERT CLEANING

Pipeline watertech works with local government and councils, as well as private organizations such as developers that are sub-dividing large sectors of land & larger organizations such as tier one organizations that are completing major road works.

Drain maintenance (STAGE 2) is Pipeline watertech's core service and covers services such as, drain cleaning (removal of debris, tree roots & grease build up) whilst working with sewer or storm water assets. Pipeline watertech strives as industry leaders to ensure all equipment is up to spec firstly in accordance with the HPWJ standards and that our highly skilled operators are accredited to run our machinery and trained by law regulations in MSMSS0005 " OPERATE A DRAIN CLEANING SYSTEM" which gives our valued clients peace of mind that our highly trained staff are trained in the services provided to our clients.



GPT CLEANING

- Pipeline Watertech take a unique approach to cleaning each individual GPT to ensure they are working as intended. The fleet of vehicles and plant equipment has been designed to effectively clean GPTs. This ranges from Combination Jet/Vac Units, Grab Trucks and small tipplers. Our Combination Jet/Vac Units, have a unique design, allowing for multiple applications and loading requirements. Using a two-pump system, we are able to use one pump for the removal of large amounts of debris, while using the smaller pump to pressure clean any dirt, waste or sediment out of the GPT and ensure the grate is clean and clear for water to flow through the pollutant traps.

Pipeline Watertech also uses its Grab trucks that essentially load out large amounts of waste where needed, this also allows us to lift out large lids to gain full access into the trap itself



PIPELINE ROBOTICS & INTRUSION GRINDING

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The use of pipeline robotics for the trenchless repair of defective pipelines and removal of pipe blockages has been a core part of our business now for many years. We have a fleet of pipeline robotic trucks operating throughout Australia manned by a team of skilled and competent operators who ensure high productivity and efficiency.

Applications & Benefits

- Clearance of blocked sewers due to tree roots, debris and concrete.
- Most efficient way to remove thick intrusions unable to remove with drain cleaning units
- Built in CCTV system included in pricing
- Removal of grout filled pipes
- Ideally suited for the cutting, grinding and milling of intrusions and encrustations
- Powerful grinding capacity and robust design.
- Hydraulically driven grinding robots provide impressive performance, cutting through most materials,
- Adaptable to grind and remove an array of materials.

Currently pipeline watertech uses a internal software to track all assets worked on dating back as far as the first initial work order given to pipeline watertech. Data collection is a key part of our core values to be able to supply is back to the client years later.

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LIFECYLE : REHABAILTION SERVICES

(Stage 4 lifecycle): Pipeline watertech can offer a range of pipeline rehabilitation services , including our CIPP full length pipe lining system , structural patch repairs , Chanell line pipe jacking & Centrifugally Cast Concrete Relining.

Pipeline watertech can rehabilitate all pipe shapes and sizes with our variance of rehabilitation products.

CIPP uv pipe relining

Structural patch repairs

Chanelline pipe jacking

Centrifugally Cast Concrete Relining



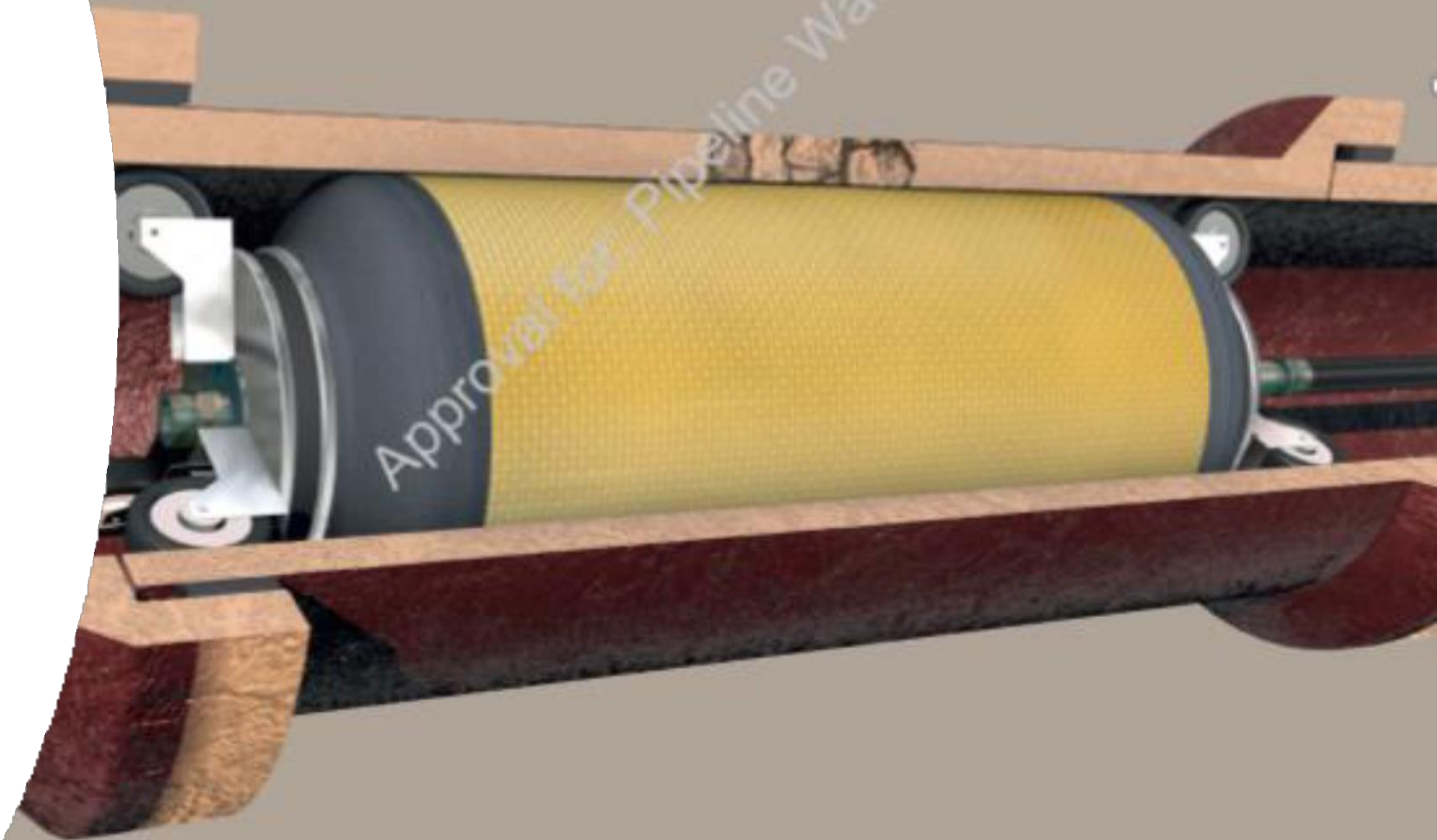
STRUCTURAL POINT REPAIRS

Sewer and stormwater assets that are in an otherwise acceptable condition and still have time left in their service lifecycle can still have defective sections. For example, a pipeline that has suffered isolated damage due to nearby excavation, a pipeline with a crack/fracture or heavy root growth within the pipeline.

Pipeline Watertech is an approved Trelleborg Patch Repair installer, a technology that can be used to repair localised sections of damaged or defective sewer and stormwater assets with diameters from 100mm to 1200MM.

Installation is achieved by using an inflatable packer which is winched in the pipeline to the defective section of pipe and inflated. **Once inflated, the outer fiberglass layer is adhered to the inner lining and is airtight.** Pipeline Watertech can produce a 50-year life expectancy on Trelleborg Patch Repairs from our suppliers.

Sectional repair of Pipes and Sewers



UV CIPP PIPE RELINING

For the installation and junction cut outs of UV liners, Pipeline Watertech has the latest PROKASRO UV curing systems in the widest, most versatile options on the market. The use of specially designed UV lamps and their shadow-free positioning on the UV light cores facilitate trouble-free liner installations from 4" to more than 64" in diameter for a variety of pipe profiles.

Pipeline Watertech has completed projects with major councils and water authorities utilising this technology and can offers various options to our client to complete pipe rehabilitation projects.

Pipeline Water tech in accordance with AS/NZS 2566.1: 1998 Buried Flexible Pipelines offers a 50 year life cycle on our product .



Centrifugally Cast Concrete Relining

Replacing and removing existing pipeline, culverts and drainage systems is a costly process. This rehabilitation technique is an innovative technology that structurally refurbishes culverts and drainage assets— without a complete system overhaul. Using this method, our experts can refurbish assets from 900mm up to 5m in diameter while saving money and minimising disruption to operations.



OUR CORE VALUES

Pipeline Watertech's core values are represented by "PIPES"

PROFESSIONAL

Being at the centre core of our values, professionalism represents our all round compliance, respect and workmanship in the workplace.

INNOVATIVE

A core value of our business model and business development strategy. Pipeline Watertech strives to lead the industry in innovative solutions.

PERFORMANCE

The quality that Pipeline Watertech's business model is based around. As industry leaders we strive to deliver our projects and contracts on time with efficiency and quality work.

ENVIRONMENTAL

A topic that strongly influences how Pipeline Watertech operates and conducts business. We understand the environmental impacts of the wastewater and stormwater industry and the effects this can have on the world we live in. This value further drives our passion for innovation.

SAFETY

The core value that is most significant to Pipeline Watertech. In this industry, our staff are exposed to hazards substances and potential incidents every day. We take pride in our safety procedures and policies and continuously strive to improve them in order to keep our staff and the communities we work in safe.



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