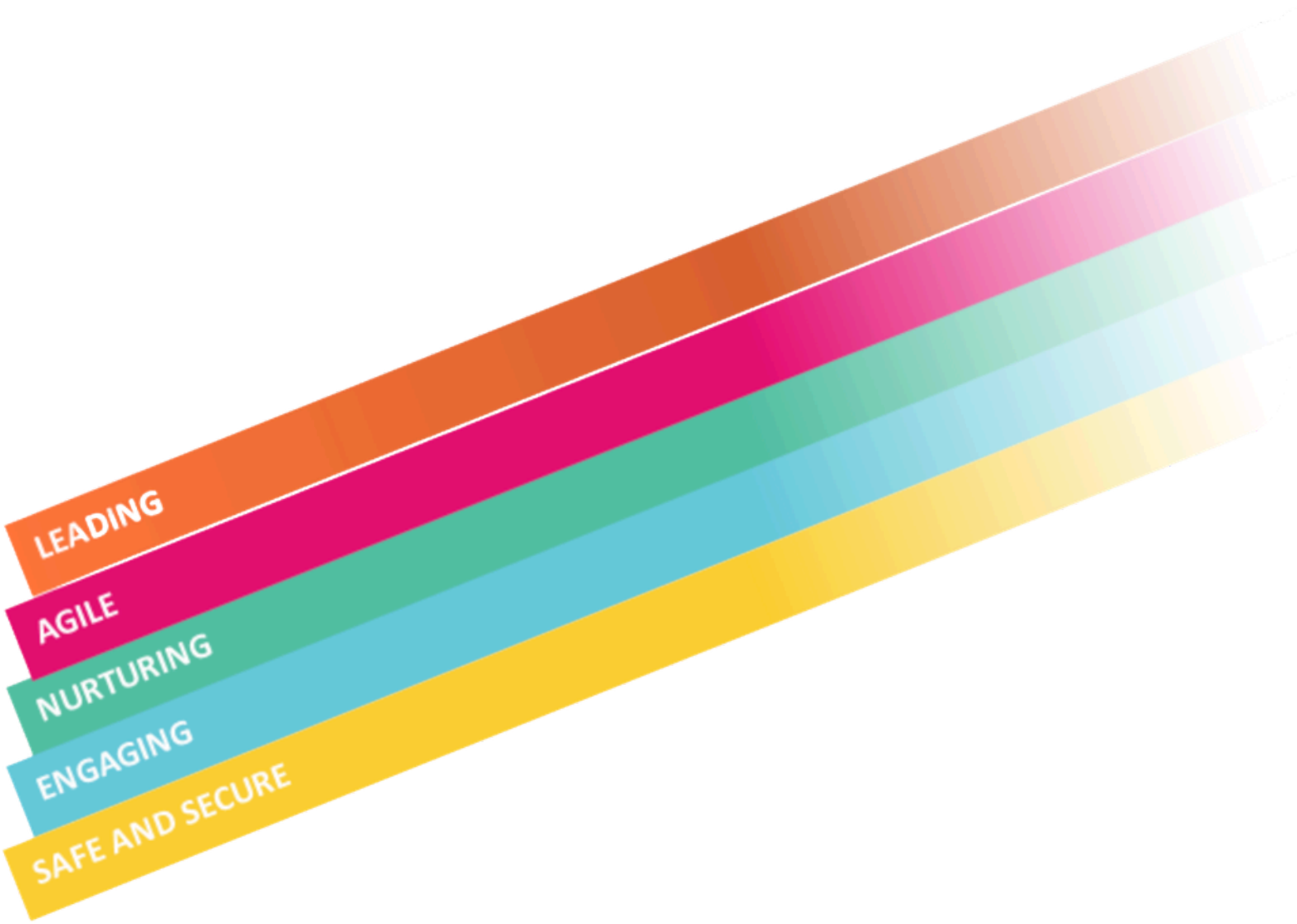
Wastewater Tank Restoration: From Cleaning to Repair



Lanes Group Case Study

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Tank Cleaning, Waste Removal & Structural Repairs

Initially commissioned to undertake tank emptying and cleaning for Scottish Water via AG Wilson, Lanes Group uncovered underlying defects that required a much more extensive programme of work. Over 10 weeks, experienced operators managed waste removal, tank inspections and the coordination of specialist equipment, enabling the tank floor to be repaired and the asset returned to full operation.

The Challenge: Managing Live Flows and Uncovering Defects

What began as a routine tank emptying and cleaning job quickly developed into a complex remediation project. Initial works revealed previously unidentified defects within the tank, requiring further investigation, extensive waste removal and repairs to the tank floor.
The main challenge was managing live flows and existing pipework while creating suitable conditions for safe tank access and inspection. Wastewater had to be continuously managed to prevent the system backing up, while the tank needed to be sufficiently drained to allow the required works to proceed.

The Solution: Coordinated Operations and Specialist Expertise



Lanes Group deployed an experienced operational team to manage the 10-week programme, coordinating overpumping, tankering and recycling operations simultaneously to control flows and maintain the required working conditions.
Operators Barry Cowan and Jim Phinn played a key role in delivering the work to a high standard. Their experience, combined with consistent communication and close coordination of subcontractors responsible for traffic management and overpumping, helped ensure the complex operation ran smoothly.
The team also responded to changing site conditions throughout the project, adapting the operational approach to maintain control of water levels and support progress with the tank inspections and remedial works.

Responding to Flash Flooding

Flash flooding presented an additional challenge, requiring a rapid response to rising water levels. Following a client call, Lanes Group mobilised two recycling units within two hours, helping control incoming water and keep the operation on track.



The Results: From Investigation to Full Operation

The 10-week programme uncovered previously unidentified tank defects, enabled extensive waste removal and supported the repair of the tank floor. Coordinated overpumping, tankering and recycling operations maintained flow management throughout the works, while two recycling units were mobilised within two hours during a flash-flooding incident.

Following the investigation and repairs, the tank was returned to full operational service, giving the customer greater confidence in the condition and functionality of the asset.

"This was a challenging job that required close coordination and a hands-on approach throughout. The team did a great job managing live flows, coordinating equipment and responding quickly when flash flooding hit. Their experience and teamwork helped get the tank repaired and back into full operation."

Chris Fairbairn
Account Manager, Lanes Group

Conclusion

What began as a routine tank-cleaning job developed into a complex 10-week operation. Through experienced operators, specialist equipment and effective site coordination, Lanes Group managed live flows, responded to unexpected challenges and supported the successful repair of critical wastewater infrastructure.