

25
years of
Acumen
Waste Services

Leaders in Water Recycling Systems

Acumen
Waste Services

ClearWater
Water Recycling Systems

A division of Acumen Waste Services

Leaders in Waste Management

About Acumen Waste Services

We are leaders in Waste Management, providing tailored and cost-effective waste management, treatment and industrial site services solutions.

We are experts at solving both difficult and routine waste management problems. Working in both the public and private sectors, we ensure safe and compliant waste solutions.

From total waste management to treatment and transfer at our own facilities, from hazardous waste removal and emergency waste clean-up, to contracted waste collection, Acumen deliver expertise across a range of sectors.

Our clients include social housing associations, retailers, local and national government bodies as well as manufacturing, industrial and construction companies. Further to removing waste, our Industrial Site Services team works on-site with the world's biggest petrochemical and oil and gas businesses, ensuring safe and efficient waste processing that minimises the environmental impact.

To discuss your site needs in further detail, please get in touch with our experienced team today.

T 01977 529586 **W** acumenwaste.co.uk

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All our processes are completely transparent. We work to the highest health and safety standards and we create detailed performance reports, giving you peace of mind that the very highest industry, legislative and regulatory standards are met.

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Acumen
Waste Services



Our Services

Waste Management

Established in 1994 Acumen is a privately-owned award-winning provider of waste and resource management services. Headquartered in West Yorkshire with a series of transport hubs and permitted waste facilities across the country, we provide compliant, technically robust, added-value solutions to meet our customer's needs.

Treatment

By operating our own nationwide treatment and transfer facilities, we provide a timely, cost-effective and compliant service for hazardous and non-hazardous solids and liquids. With four unique locations we are well situated to help with a variety of treatment and transfer requirements.

- Acumen Waste Recovery Park, Escrick, York: non-hazardous solid waste treatment and recovery
- Acumen Liquid Treatment Plant, Harewood Whin, York: hazardous and non-hazardous waste treatment and transfer
- Keighley Hazardous Waste Transfer
- Wolverhampton Hazardous Waste Transfer

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ClearWater

We are leaders in the installation and maintenance of washpad water recycling systems – ClearWater Recycling System provides an effective, below ground, biological washpad water recycling process. Our recycling systems are suitable for various applications including greenkeeping, grounds maintenance, small plant, machinery and vehicle wash-off areas.

Industrial Site Services

We are leaders in the provision of on-site solutions to facilitate cleaning, dismantling, decommissioning and project shutdowns including on-site waste treatment, contaminated land remediation and associated works. As leaders, we provide best-in-class performance, ensuring our customers receive safe, innovative yet technically robust and added-value solutions.

Acumen
Waste Services



ClearWater Recycling System

ClearWater Recycling System

We are leaders in the installation and maintenance of washpad water recycling systems.

Our recycling systems are suitable for various applications including greenkeeping, grounds maintenance, small plant, machinery and vehicle wash-off areas.

The advanced water recycling system utilises harmless micro-organisms to clean contaminated water from washdown areas and as such, requires minimal maintenance with exceptionally low running costs.

We also offer ClearWater Commercial, specifically suited for the washing of prestige and high-end vehicles located at premises where there is no easy access to foul sewer.

This revolutionary system enables customers with a wide range of vehicles to achieve a very effective wash and finish.

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ClearWater Recycling System provides an effective, below ground, biological washpad water recycling process.

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How does it work?

Contaminated wash-off water flows from a purpose-built wash pad through a primary filter and the Grass Trap/Silt Trap, (both of which remove most solid matter) to then enter the underground tank.

The tanks are fully guaranteed for 12 months following system commissioning. In addition to this, an annual service is carried out at competitive rates.

Each tank has various unique components fitted to complete the system, ensuring complete aeration throughout and effective operation. The total storage capacity in the standard system is 5000 litres of water allowing ample time for biological treatment.

We can cater for any size or shape wash off with our custom-made grass or silts traps that can take up to 40 tonne of weight. Simply add however many hoses you need for the job! Normally the standard two is sufficient, each with plenty of pressure.

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Micro-organisms then break down the contaminants in the oxygen-rich environment, producing clean water and carbon dioxide. Water then passes through a large coalescing filter to the secondary storage for the settling of any suspended solids remaining in the now clean water.

The clean water passes to final storage and is fed by powerful, submersible pumps to water guns for effective wash-off. This wash-water then returns into the system for treatment.



What do you I receive?

Whether you decide to self-install the system or purchase our turnkey solution each system is bespoke made and comprises of compartmentalised chambers. These are leak free, corrosion resistant and are installed below ground, ensuring a stable temperature is maintained, reducing the chance of harmful bacteria's starting to thrive.

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Installation

Our self-install package is economical and suitable for clients who wish to install the ClearWater Recycling System themselves.

If you decide to purchase this package, we will arrange delivery of the complete system with comprehensive installation instructions at a convenient time. Once the system has been installed, ClearWater will then commission the works on your behalf, providing full training for you and your team.

Our micro-organisms have been produced specifically and exclusively for ClearWater to suit the type of work you are carrying out.

A ClearWater system uses less electricity than other similar systems, and recycles thousands of litres of precious water every year! Keeping your overheads down.

To ensure you remain fully compliant, we encourage our customers to future proof their organisations by siting all fuel tanks and other possible contaminants on the wash pad wherever possible, that way any spills and drips will remain on the pad where they can be cleaned up or pumped out of the system safely.

ClearWater offer a two year standard warranty, covering all moving parts (labour not included).

Service and Maintenance

ClearWater is a cost effective system, ensuring you are fully compliant with stringent regulations and legislation meaning that maintenance costs are kept at a minimum.

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ClearWater Recycling System

For more information on our
services or to discuss a potential
project, please get in touch today:

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