We offer a range of packaged pump stations that are designed to handle both wastewater and surface water in locations suitable for raising sewage, effluent, and stormwater volumes to prevent flooding.

**Stormwater Attenuation** is required to control the discharge of hydrocarbons, with severe penalties imposed under statutory regulations. These systems are usually required where mains drainage is not available.

Septic Tanks are available for commercial applications where mains drainage is unavailable and where the site is suitable. Their extensive range of above and below ground applications cater for each site specifically based on the EPA guidelines. The type of separator used is determined by the severity of a possible contamination event.

We supply the Conder range of Septic Tanks, which are expertly designed. With storage capacities of 4m³ to 10m³ plus, they offer some of the most advanced technical design qualities in the market. Highly successful HDPE Septic Tanks offer some of the best grades of plastic available.

We pride ourselves on reacting to the market and staying up to date with regulation changes and product advances to be able to solve any issues that may arise. Our goal is to provide a custom solution for every site.

By making an effort not to waste stress, all highlight the importance of conserving water resources by making an effort not to waste water, which is a precious resource. Rainwater Harvesting is a great way to take the pressure off the urban water supply and reduce demand for mains water and piped water.

We offer a full range of ancilliary wastewater products including de-sludging, sampling etc are included in our packages. We can undertake your project from start to finish including, EPA Site Assessments, Planning, Design, Sales, Installation & Service, and can be used singly for domestic or in a combination for commercial applications. We will provide a custom solution for every site.

We can provide a full range of ancilliary wastewater products and services. Control & Measurement includes, UV Effleunt Treatment, Ultrasonic level control, GSM Diallers, Kiosks, and Control Panels. We will provide a full range of ancilliary wastewater products and services. Certification and Lifetime Maintenance.

We can provide a full range of ancilliary wastewater products and services. Rainwater Harvesting, Rainwater that falls on any hard surface must be separated to prevent the pollution of surface water drainage systems and are designed to meet standards set down by the local authorities. All discharges over 5m³ are subject to a discharge licence. Typical uses are Housing Estates, Commercial systems are usually site specific and are designed to meet standards set down by the local authorities. All discharges over 5m³ are subject to a discharge licence.

Ecoprocess.
**About Us**

Wastewater Solutions is a leading supplier of a range of premium quality wastewater products catering for the domestic, commercial market.

We are Specialist Distributors for Premier Tech Aqua range of brands: Conder, Ecolflo, Rewatec, Ecoprocess.

We can undertake your project from start to finish including, EPA Site Assessments, Planning, Discharge Licences, Design, Installation, Supervision, Certification and Lifetime Maintenance.

We pride ourselves on reacting to the market and staying up to date with regulation changes and product advances to be able to solves any issues that may arise.

We will provide a custom solution for every site.

**Septic Tanks**

We supply the Conder range of Septic Tanks, they are a perfect solution for domestic and commercial applications where mains drainage is unavailable and where the site is suitable. Their highly successful HDPE Septic Tanks offer some of the most advanced technical design qualities in the industry. Manufactured in both HDPE (3m³ to 10m³) and Glass Reinforced Plastic (10m³ plus), the plants offer some of the most advanced technical qualities available.

**Wastewater Treatment Plants**

**Domestic & Commercial**

These systems are usually required where mains drainage is not available.

We supply a full range of domestic products to cater for each site specifically based on the EPA Site Asseement. All our products are in full compliance with EN12566:3, SR66 and the Building Regulations Part H.

Commercial systems are usually site specific and designed to meet standards set down by the local authorities. All discharges over 5m³ are subject to a discharge licence. Typical uses are Housing Estates, Caravan parks, Leisure facilities, Hotels, Schools & Offices.

GRP, HDPE and Concrete versions available.

**Ecoflo Tertiary Filters**

The Premier Tech Ecoflo Tertiary Filter can be used after any EN12566:3 Wasterwater Treatment Plant and can be used singly for domestic or in multiples/groups on a commercial basis also. This can be used instead of a standard percolation area, low pressure network, sand polishing filter or reed bed and has many advantages:

- Get planning where other system won’t be acceptable
- Vastly reduced footprint
- Fast & easy installation, plug and play
- Cheaper option
- Factory built & certified
- 70% reduction in BOD and Suspended Solids
- 85% reduction in total nitrogen and ammonia
- Log 4 kill / 99.9% reduction in pathogens
- Inexpensive end of life replacement, approx 15-20yrs

To request a quote or site visit call 021 420 6063 or email info@wastewatersolutions.ie
Rainwater Harvesting

Continuous demand, climbing mains water charges and possible future scenarios for water stress, all highlight the importance of conserving water resources by making an effort not to waste them. Rainwater harvesting is a very useful method to utilise free water when it is available, making our water supply greener.

Why invest in a Rainwater Harvesting system?
- Reduces demand for mains water and relieves pressure on available supplies.
- Reduces water bills.
- Reduces water taken from lakes, rivers and aquifers. Leaves more to benefit ecosystems and help sustain the water environment.
- Take the pressure off the urban water supply and the resources that are used to prepare piped water.

Pump Stations

We offer a range of packaged pump stations which are suitable for raising sewage, effluent, wastewater and surface water in locations where a gravity discharge is unachievable.

The package pump station range is designed for multiple applications including domestic, commercial and industrial projects. With key product features including a pump auto-coupling system that enables pump removal without the need for tank entry, five tonne rated manhole covers and a control panel incorporating a high level warning and main supply isolator, all supplied as standard.

A full range of sizes and storage volumes available in both GRP or Concrete.

Stormwater Attenuation

Stormwater Attenuation is required to control rainwater volumes to prevent flooding.

Storage is calculated based on the collection area and volume of rainfall, discharge is allowed at a controlled rate dependant on where its discharging too.

Attenuation can be provided in either GRP or in plastic crate form depending on levels and loadings.

Separators

Rainwater that falls on any hard surface must be discharged into the ground or the mains drainage system. This poses the risk of environmental contamination from hydrocarbons. Such surfaces include petrol forecourts, car parks, roadways, vehicle maintenance areas.

Contamination from these areas can have enormous impact on the environment. Pollution prevention is a critical part of drainage systems and statutory regulations are in force to control the discharge of hydrocarbons, with severe penalties imposed for non-compliance.

Premier Tech Aqua offers a proven range of separator and alarm systems for installation on surface water drainage systems and are designed to prevent these hydrocarbons (e.g. diesel, petrol, engine oil) from mixing with surface water and entering the environment. All of our stormwater management products ensure the upmost in safety and are fully compliant with Environment agency Guidelines. The type of separator used is determined by the severity of a possible contamination event.

The range includes: bypass, full retention & forecourt separators, wash down & silt traps, grease traps & alarms.
**Storage Tanks**

Durable and resistant storage tanks for above and below ground applications. Premier Tech Aqua offers years of experience in the design and manufacturing of reliable, high-strength Storage Tanks. Their extensive range of above and below ground storage options are tailor made to suit exact project requirements and are fully compliant with BS4994:1987.

They are able to create bespoke storage tanks for storing a wide range of products, often with very specific but varied requirements. Customer’s benefit from considerable cost savings through a value engineered design that limits the need for civil works and staff time.

Vigorously tested under strict conditions and expertly designed. With storage capacities of between 1,000 and 250,000 litres, Premier Tech Aqua storage solutions cater to any project large or small and offer the reassurance and excellence of mechanical strength combined with a lightweight construction and ease of installation.

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**Service & Maintenance**

All wastewater treatment products require regular servicing and inspections to maintain proper function. System failures will lead to pollution of the environment and may end up in prosecution. Why Service?

- Prolong the lifetime and performance of components
- Get the best value for money from the system
- Stay compliant with your discharge licence
- Wastewater Solutions offer service for all brands and sizes of system.
- Custom designed packages from a one-off visit to a fully inclusive maintenance contract including de-sludging, sampling etc are available, pay up front or on direct debit. Credit Cards taken on site also.

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**Control & Measurement**

We can provide a full range of ancilliary wastewater products:

- Control Panels
- Kiosks
- Dosing Pumps
- Flow meters
- GSM Dialers
- Ultrasonic level control
- Composite Samplers std & refridgerated
- UV Effleunt Treatment
- Kiosks
- Control Panels
- Full telemetry monitoring systems

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