



## Total Energy and Wastewater Solutions



Site survey and diagnostics

Bespoke design

Custom manufacture and commissioning

Caribbean expertise and support

**EFFICIENT • ENVIRONMENTAL • ECONOMIC**



## GLOBAL ENERGY AND WASTEWATER SOLUTIONS

With a total population forecast to increase to over nine billion by 2050, world resources are coming under increasing stress. It is clear that energy and water are of paramount importance to a sustainable future.

Ecoprocess Engineering Limited offers you customised solutions to your energy and wastewater needs, providing full system analysis, design, manufacture, installation monitoring and ongoing support. We have a manufacturing base in the UK and local agents in Europe, the Caribbean and South East Asia to support regional operations.

We aim to enhance both environmental and economic benefits to you through:

- **Detailed investigation and analysis**
- **Excellence in design and manufacture**
- **Practicability in installation and maintenance**
- **Reduced capital and operational costs**

Our ethos is to put customer requirements first, with a pragmatic approach to engineering solutions. Ensuring client satisfaction means that ninety percent of our business is on a repeat or referral basis.

## CARIBBEAN REGION

Recognition of the environmental and financial benefits to the Caribbean of effective treatment of effluent has resulted in increased regional regulation of wastewater discharge. Additionally, the region's island topographies, climate and marine ecosystems present specific challenges.

Ecoprocess Engineering is a member of the Caribbean Water and Wastewater Association (CWWA). We have local representation with specialist expertise – offering you:

- **Stress-free project management**
- **Site surveys and outline proposals**
- **Options analysis and detailed designs**
- **Local regulations and logistics assistance**
- **Monitoring of system installation**
- **Post-installation support**





## PRODUCTS

### PANTHER™

The Panther™ is a low capital cost wastewater treatment plant, incorporating an extremely robust natural process. The plant is straightforward to install and service. It utilises advanced self-regulating aeration flow technology, enabling variable flows and loads to be processed efficiently.

The processed water meets UK/Caribbean regulatory authorities' water efficiency standards and guidelines for all green building certification programs. Integral ultraviolet (UV) disinfection further treats the water to remove 99.99% of pathogens whilst the remote alarm operation monitoring gives you peace of mind.

The performance, reliability and simplicity of maintenance of the Panther™ make it the obvious choice for island applications, both rural and urban.



Installation



Commissioning/Service



Minimal visual impact

### LYNX™

Lynx™ pumping stations are fully compatible with the Panther™, providing flexibility of installation location. These highly durable units are frequently specified in steep or otherwise challenging terrain where gravity feed is problematic or entirely unachievable.

Lynx™ internal and external grease traps, coupled with grease dosing systems, help ensure the Panther™ wastewater treatment plant functions at optimal efficiency for the whole design life.

Lynx™ specialist natural additives will maintain optimal efficiency of the Panther™, even if harsh chemicals have been accidentally introduced into the sewerage system.





## EXECUTIVE TEAM

### **Managing Director, Mark Thomas**

Mark is the founder of Ecoprocess Engineering Limited and is a chartered engineer with over twenty-five years' experience in the provision of engineering and wastewater solutions. He has been a senior director at several top ten UK construction companies and has extensive experience of troubleshooting engineering issues worldwide.

### **Commercial Director, Mark Bellringer**

Mark ensures that transactions with the company are conducted in a timely and efficient manner. Mark is also at the forefront of telemetry design and specification as well as monitoring of newly installed plant.

### **Design and Production Director, Malcolm Calvert**

Malcolm has over forty years' experience in the design, production and installation of public health engineering systems. Malcolm's all round practical engineering skills mean that you will benefit from a balanced approach to energy and wastewater management, realised into modern CAD solutions.

## CARIBBEAN REGION

### **Caribbean Operations Director, Winsbert Quow**

Winsbert is a civil engineer with twenty years' specialist experience in Caribbean waste solutions. Based in St Vincent, Winsbert is the first point of contact for regional enquiries.

## CONTACTS

### **Europe**

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