

Envirogen supply containerised ultra pure, validated ROCEDI plant to a pharmaceutical manufacturing company



As an existing partner to this global company, Envirogen were chosen to undertake a design study **due to their technical knowledge and experience of the latest water treatment technologies**. Envirogen were required to provide the company with options using the latest technology, to improve specific areas within the overall water treatment processes on their manufacturing site. The client wanted to ensure the site:

- Remained ahead of the validation process delivering top quality products to their customers.
- Used minimal chemicals in the water treatment within the manufacturing process
- Maximised the production area on site.

Envirogen suggested and ultimately supplied an ROCEDI water treatment plant with the following features:

- Fully Bespoke System
- Containerised plant
- Ultra pure water supply
- Fully Validated System

The system produces three grades of water including EP water. All incoming water is ultimately treated depending on its use on the site.

The equipment includes:

- Filtering to remove organics
- UV light to control bacteria
- Media filters
- Softeners
- Organic scavengers
- AC filters
- ROCEDI with Ozone sanitisation

The equipment was specified to deliver 0.75m³/hr of EP grade water but actually delivers 1m³ of EP grade water, **providing additional scope if required**. It sends just 0.1m³/hr of water to drain **minimising environmental impact**. The system is ultimately capable of producing FDA quality water, as it was built with **future proofing** in mind not only on quantity but quality.

The system was delivered, and installed by Envirogen Water Technologies during the annual maintenance week of the site, minimising the amount of production made under quarantine. When the site was reopened for normal production the new water treatment plant was in situ and fully operational.

Envirogen's Solutions to the Cosmetics market:

Envirogen supplies water purification and water treatment systems to customers, where high grade, purified water is an essential element in the manufacturing process.

Our state of the art bespoke solutions meet all our customers' needs, whether it's:

- A complete water purification system to provide USP or EP grade water
- Water treatment consumables including filter cartridges, resins and pumps
- Service and maintenance contracts to ensure peace of mind for continuous uninterrupted supply of high grade water,
- Cost effective, sustainable waste water solutions to keep production and environmental costs to a minimum.

Whatever your water quality specification or requirements – our technologies meet these.

