



Summary

Industry:	Business Services
Application:	Filtration System - Torbay Hospital, Devon
Actual Saving:	£12,000 pa
Payback Period:	2 months



Filtration System Aids Regulatory Compliance

Cost effective regulatory compliance achieved with filtration system from ERIKS

ISSUE

Torbay Hospital were paying on average £250 per week to remove oil-contaminated water from an area around oil storage tanks. Had the water overflowed, the hospital would have been faced with fines for non-compliance under tighter new regulations that require water with any oil contamination not to be discharged into drains. ERIKS were approached to find out if there was a viable alternative to the expensive method of having the contaminated water removed weekly by tankers.

SOLUTION

A new filtration system, supplied and installed by ERIKS not only fully complies with the new regulations but costs just £40 per month for replacement filter elements, the old ones can be disposed of safely and recycled, saving the hospital around £1000 each month. Mycelx filterers were developed specifically for cleaning oily waste from water streams, the filtration unit supplied to Torbay Hospital was designed to remove oil bund water, which contains silts as well as oil residues.

The existing sump pump, rated at 5 litres per minute made it suitable to filter through a Mycelx 2½ x10" cartridge. A 2½ x 10" x 5micron polypropylene filter cartridge was placed in front of the Mycelx cartridge to remove sediments and protect the Mycelx cartridge. The filter cartridges and housings were contained in an insulated GRP weatherproof cabinet.

OTHER BENEFITS

FURTHER COMMENTS...

"Energy and environmental policies now go hand-in-hand for many organisations, it is our job to help them realise those objectives using the best available technology".

Derek Campion
Filtration Specialist
ERIKS UK Ltd

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk

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