

Imbiber Beads® Field Experience

Fuel Oil spill on a Coarse Fishery in Kent - England

The fishery is located near Tunbridge Wells. This is a high quality mixed and specimen fishery within a series of lakes on a section of the River Teise set in a large area of parkland. The nature of the site makes it environmentally sensitive. A large quantity of red diesel fuel, possibly more than a thousand litres, was accidentally released into the river from an industrial site some way upstream. The prompt response of the Environment Agency in dealing with the incident meant that the contamination was able to be confined to the first two lakes of the fishery.



The spillage was retained by containment booms and the Agency operations team were able to remove the bulk of the spillage from the upper reaches of the river using pumps and skimmers.

The second lake was heavily contaminated. The oil had started to emulsify. Imbiber Beads® blankets were used to form a barrier to contain the spill.



The emulsified oil is being absorbed by the Imbiber Bead® blankets preventing its spread.



Close-up of blanket showing saturation after several hours.

A single Imbiber Bead® Blanket is capable of absorbing and retaining over 10 Litres of diesel or similar fuels. The Imbiber Beads® product's large absorbent capacity enables it to clean-up larger spills without creating excessive volumes of solid waste. Removing spills of this nature with a skimmer is extremely labour intensive and generates large volumes of emulsified oily water which requires further treatment before disposal.



The River Teise above the top lake runs through a heavily overgrown area which is very difficult to access with a skimmer. Imbiber Bead® pillows were used to soak up the spillage in this area.

The Imbiber Bead® Blankets and pillows are robust and can remain in situ for months without deteriorating, floating on a river or pond they will remove any oil or solvent layer which will not wash out when the blanket is removed, even when squeezed only water will come out.

Imbiber Beads® products are highly effective, they will reduce the cost clean-up operations both by reducing the time taken and labour required to effect the clean-up and also by significantly reducing the volume of waste produced. Imbiber Beads® products can also remain in place to trap residual contamination, which would normally be impossible to deal with economically using traditional methods. These features make Imbiber Beads® products a valuable addition in the pollution control armoury.

FOR FURTHER INFORMATION : **IMBTEC AMERICA**
WEB SITE : www.imbiberbeads.com

TEL TOLL FREE :1-888-843-2323 (N America -ONLY) Reg Tel:1-905-641-2323
E MAIL : info@imbiberbeads.com

IMBIBER BEADS® is a Registered Trademark of IMBIBITIVE TECHNOLOGIES CORPORATION
IMBICATOR® is a Registered Trademark of IMBIBITIVE TECHNOLOGIES CORPORATION

