



Case Study: Environmental Limits

Pollution prevention through the use of EnviroPads



Where:
Bristol, UK

When:
2019

Who:
UKCS – South

“Since using the EnviroPad we have noticed the reduction in time spent emptying and replacing drip trays. This is a much more environmentally friendly product.”

Ron McBride, Project Manager, FDL

The Challenge

The Wapping Wharf project is located between two water bodies; the River Avon and the Floating Harbour. Both are popular with local residents for boating and canoeing as well as being a controlled outflow for surface water drainage.

One of the challenges of the project is to construct over 330 new homes, whilst ensuring zero spills to ground or into the nearby water bodies.

The Measures

Drip trays were identified as not being appropriate due to overfilling, and waste water management, which posed a risk of pollution to the local water bodies. In addition, spill kits had sometimes been used incorrectly, with parts removed to clean drips from refueling, requiring new spill kits to be purchased.

The project team decided to contact Green Rhino, a manufacturer of pollution prevention products, who advised the team on what would work best at the Wapping Wharf site.

The EnviroPad was suggested as the best option. The EnviroPad captures, solidifies and encapsulates hydrocarbons in a smart membrane that prevents any hydrocarbons from leaving the area and allows unpolluted water to drain away. They eliminate the risk of moving polluted spill trays and can be easily disposed of in standard hazardous waste containers.

The EnviroPad contains clear instructions which make it simple for site personnel to use. The project team worked with Green Rhino to deliver toolbox talks to upskill the workforce and ensure their understanding of how to maximise the effectiveness of the EnviroPad. The introduction of the EnviroPad has also ensured that spill kits are used correctly, leading to a cost saving for the project.

The Results

- No pollution incidents on site and
- All oil leaks and drips have been successfully contained within the EnviroPad
- No additional cost associated with waste water collection as the oils are absorbed into the pad
- £720 cost saving through the use of the EnviroPad in place of taking parts from a spill kit

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