



A5 M1

A5-M1 LINK: ENVIRONMENTAL GOOD PRACTICE

A5 M1

Polymer Boom

Working in and around the A5-M1 Link the water environment is particularly sensitive:

- ❖ The Ouzel Brook watercourse runs along the length of the scheme to the South;
- ❖ The source of the River Flit is adjacent to the new slip roads for J11a; and
- ❖ The scheme is located over ground classified as a Major Aquifer.

Spills and leaks of fuel are a constant threat on construction sites. Work is carefully planned to avoid working near to watercourses as much as possible.

However, sometimes working in the watercourse is absolutely necessary, for example when installing culverts and headwalls.

As an emergency spill mitigation measure the A5-M1 Link have invested in innovative Polymer Booms.

The booms are made from Green Rhino CG1 Polymer technology.

Green Rhino CG1 Polymers transform hydrocarbons such as oils, diesel and petrol from a liquid into a rubber-like solid within minutes. The reaction is permanent and once the hydrocarbon has solidified it can be easily handled and disposed.

The polymer booms are placed across the River Flit and Ouzel Brook watercourses downstream from CCJV plant operations.

The booms sit on top of the watercourse and allow water to flow naturally but would capture any traces of diesel or oil in the event of a spill.



The boom was deemed innovative by the Considerate Constructors Scheme.



More information, as well as a short video demonstration, can be found online at:

<http://www.capturegreen.com/ciagent/>

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