

# CASE STUDY – Construction

## Siltbuster Lands at Heathrow's T5 and sets Environmental Best Practice for Solids Removal

Environmental Best Practice is the aim of the whole T5 Project Team at Heathrow's new multi-million terminal and therefore water management on the site of the disused sewage farm is crucial. There is the need to control vast quantities of water from either the remnants of the site's former storage facilities or the groundwater flows which show themselves in the various excavations around the site.

To help achieve this up to 5 Siltbuster units have been used by contractors Laing O'Rourke and AMEC on site to ensure water discharges off site meet the T5's strict discharge limits.

A key part of the strategy is the use of the Siltbuster units, positioned at specific locations to trap any solids and polish the water before it is released off site.

This is important as the water courses adjacent to the site flow into a Royal Park.



***“They are a safeguard for the project and help progress (and cost) by keeping the pumping going ..... they’re a brilliant piece of equipment”.***

*Tim Perry, Laing O'Rourke's Drainage Manager*

