

# Application Report - No.18

# Pollution



In partnership with Land and Water Limited, who had been contracted by BAA Heathrow, Selwood Limited have supplied a number of PD75 Spates as part of an integrated pollution control project at the world's busiest International airport. The project was to install a system to safely deal with any contaminated water running off from Heathrow's vast expanse of runways and taxiways.

The Selwood PD75 Spate is the ideal pump for oil pollution control applications and has proved its value over many years and on arduous applications worldwide. It is of lightweight aluminium construction and is available with various oil resistant rubber components to ensure continuous and trouble free performance in oil pollution applications.

The pollution control system incorporated revised inlet channels, floating catchment booms and oil skimmers. The latter operated by Selwood Spate PD75 pumps driven by electric motors and housed in purpose built GRP canopies. Once the hydrocarbons are removed by the skimmers and the Spate pumps, it is stored and then removed from site for safe disposal.

Incorporating features such as automatic self priming, indefinite dry running and superb air handling capabilities, the Selwood PD75 Spate ensures a fast and reliable response in critical pollution situations.



	<b>PD75</b>
Power Requirement	3kW
Pump Speed	1500rpm
Capacity	30m <sup>3</sup> /h
Suction Lift	9.1m
Max Solids Size	6mm
Air Handling	3.77 l/s
Inlet / Outlet Port	75mm
Delivery Head	30.5m



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