

Case study 642

Silt Away hire aids hospital construction

Before the construction of a new £300m hospital in the Midlands could reach an advanced stage, the company in charge of groundwork development sought a pumping arrangement that would separate silt from water before it was discharged into a nearby river. It was, therefore, imperative that suitable equipment was sought to ensure our customer could complete this process in order to comply with Environment Agency requirements. In recent months a number of companies have suffered hefty financial penalties for failing to comply.



Our solution was to provide the client with a suitable hire package that complied with strict site and local regulations. These stipulate that companies who fail to remove contaminants from any water before it is transferred back into a natural watercourse face financial reprimands, in addition to a tarnished reputation and potential exclusion from future projects.



A Sykes Silt Away was connected to one of our General Purpose pumps already on site, pumping the groundwater through the tank before removing sediment and other impurities.



The water passing through the Silt Away flushed any sediment and debris into a chamber via a Lamella platebox strainer. Our customer routinely emptied the compartment by placing retained solids into an available dumper which was collected and disposed of accordingly. By deploying the Silt Away at this location, we were able to clean thousands of gallons of silty water before returning it to an appropriate waterway nearby – thus enabling the construction scheme to proceed as planned.



Settlement area: 10 m³
Water capacity: 5,000 litres
Weight empty: 1,196 kg
Dimensions (L X W X H):
2,320 x 2,320 x 2,015
Pipe connections:
6" Bauer Couplings
(1 x inlet & 2 x Outlet)

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