



CLIENT:

THAMES WATER

CONTRACT VALUE:

£3.325M

CONTRACT TYPE:

ICHEME BURGUNDY

SECTOR:

WATER

The design and construction of an odour control unit for Little Marlow Sewage Treatment Works.

PROJECT HIGHLIGHTS

A granular activated carbon (GAC) polishing odour control unit (OCU) for the existing sludge dewatering odour control unit.

Replacement of both composting building bio-filters with a wet chemical scrubber.

Provision of a carbon polishing unit to remove any odorous compounds still present post-scrubbing.

A new pumping station to pump the waste effluent from the acid scrubber to the BNR distribution chamber including chemical resistant pipework as necessary.

A new potable water booster set to supply the acid dilution system.

A new kiosk and MCC including all ICA and telemetry.

A new dedicated wash-water system for the acid scrubber.

Modification of site roads to ensure access to all areas of new plant.

Cost benefits achieved by careful selection of carbon media giving extended life-span and reducing maintenance.

Maximised modular design principles by off-site fabrication to give quality controlled process units.

Highly successful project which has removed odour nuisance completely.

Existing assets were used wherever possible.

