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Keeping your world moving

## Oxford Thermal Hydrolysis Plant Maintenance

### Sludge Stream Upgrade

**End User:** Thames Water

**Client:** AECOM and Kier Joint Venture

**Project Value:** £27m

**GEL Project Value:** £0.2m

### Scope:

The project included a complete upgrade of the sludge stream at Oxford STW, to include a THP plant to deal with 68 tonnes of dry solids per day.

**Gel Engineering** was contracted to supply maintenance services for the plant plus ancillary equipment on the lead up to handover.

### Soft-Landing Package

Following successful handover, **Gel Engineering** designed a Soft-Landings package. This provided continuous

maintenance support, during the 12 months following handover. Items covered under the maintenance contract included:

- Ⓜ Bucher sludge dewatering presses
- Ⓜ Sludge belt thickeners
- Ⓜ Sludge progressing cavity pumps
- Ⓜ Pre THP sludge silos including all ancillary equipment
- Ⓜ Boilers
- Ⓜ Silos and pumps
- Ⓜ Odour control systems

Some of the manufacturers included; **Seepex, Mono, Motovario, Babcock Boilers, B&M Pumps, Richard Allen, CTM Systems, Huber, Bucher, Flare Products, Kirk Environmental, ERG, KSB, Xylem, Hydrostal, Aerzen, HambakerAdams, Veolia, AVK**



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