



Oxford THP Stone Traps

Careful Planning and Implementation

End User: Thames Water

Client: Thames Water

Scope:

Thames Water were experiencing regular pump failures from the THP Plant, treated sludge transfer pumps. The multiple pump failures found foreign objects such as gravel, stones and rocks the size of cricket balls, plastics and various other objects.

Gel Engineering were contracted to find a solution and design to stop the regular occurrence of pumps failures.

Proposed solution:

Gel Engineering solution for imported sludge deliveries and indigenous sludge was to design a vessel to suit the low-level sludge feed to the onward transfer pumps on two systems.

The works were completed in April 2019 and since then the two systems have ran with no pump failures. Clean out reduced to 2/4 weekly following close observation.

