

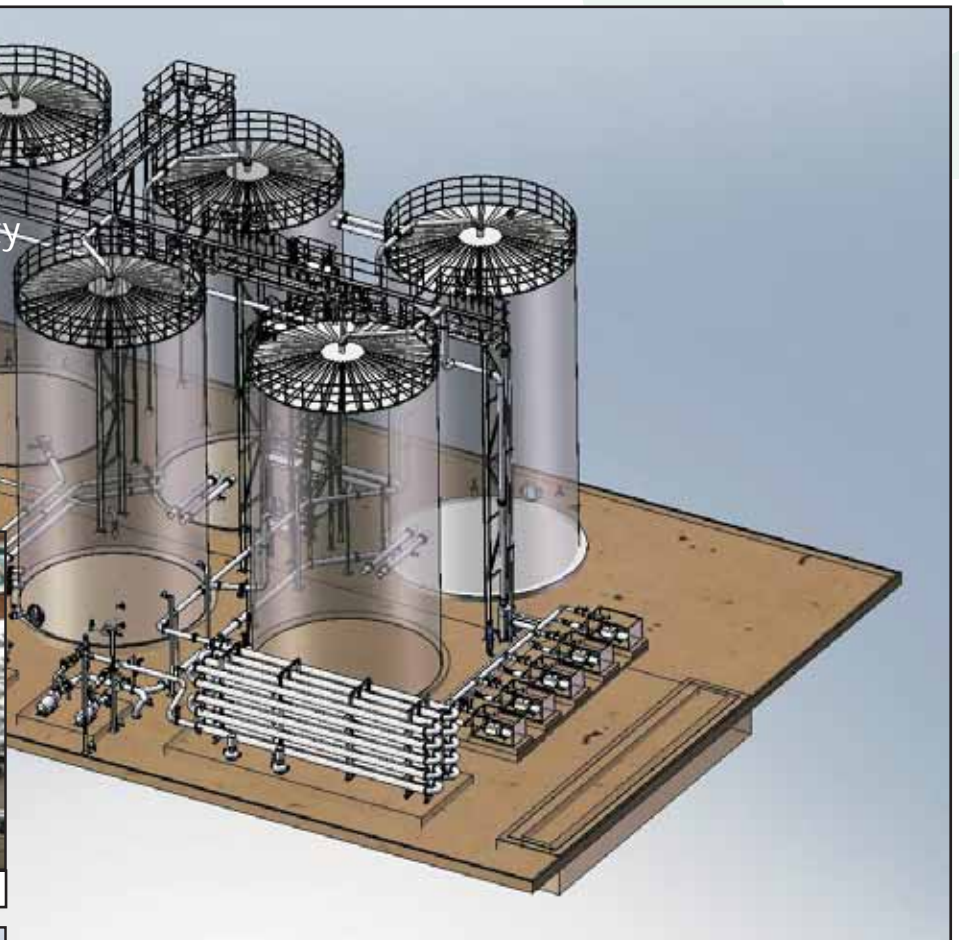
Great Billing
Anglian Water
Advanced digestion facility



Monsal Hot Water Heat Exchanger Module



Monsal Steam Heating Module



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|---|---|
| Plant inputs | 40,000 Tonnes dry solids/annum Wastewater sludge 12,000 TDS Indigenous, 28,000 TDS cake imports Primary sludge 60% Secondary sludge 40% |
| Advanced Digestion plant | Monsal EEH - High rate hydrolysis Cake back mixing - 7-8% DS feed Heating technology - water and steam 4 x 3,030m ³ + 1 x 4,925m ³ Mesophilic digesters (17,045m ³ total) |
| Biogas and Bioenergy engineering | Over 40,000m ³ /day 3 x 1.4 MWe CHP dedicated to biogas Siloxane removal CHP - Heat recovery, steam generation |
| Key Benefits | Sludge throughput increased to 110 Tonnes/day Throughput and biogas production increased over 300% in existing assets No additional digestion volume required (loading over 4.7 Kg vS/m ³ .d) Renewable energy production optimised - 4.2 MWe generated No supplementary fuel required Anglian Water's largest sludge supercentre optimised |

Dedicated to Digestion

Certified Accreditation to: ISO 9001, ISO 14001, OHSAS 18001

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