

Mogden Thames Water Major digester refurbishment



Monsal Biogas Digester Mixing System



Monsal Hot Water Heat Exchanger Module

Plant inputs 90,000 Tonnes dry solids/annum
5,466m³ combined sludges/day
Primary sludge 60%
Secondary sludge 40%

Digestion plant 16 x 4,250m³ Mesophilic digesters (68,000m³ total capacity)
Complete refurbishment technology package
16 New Monsal digester heat exchanger systems
16 New Monsal SGM digester mixing systems
Complete upgrade - biogas management system
1 New Monsal 3,000 KW in-line cooling heat exchanger

Key Benefits Core digestion process infrastructure upgraded to latest standards
Sludge throughput increased to over 250 Tonnes/day
Biogas system upgraded to peak flow 125,000 m³/day
Digester heating and mixing systems upgraded for 7% DS feed
Optimisation of pasteurisation process cooling
Extended life of Thames Water's largest digestion asset

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Dedicated to Digestion

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

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