

EVANS ASSOCIATES

Water Treatment Plants
& Ancillary Equipment
Supplier

6 Chartwell Grove,
Halewood Village,
Nr. Liverpool L26 6LP
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Mobile: 07801 843 620
email: evansassociates@tiscali.co.uk
www.evansthesewage.co.uk

11/10/11

STEVEN BIALEKI
ROSEDALE
ORCHARD CLOSE
GRINDLETON
CLITHEROE BB7 2RZ

Dear Steven,

Thanks for your enquiry for a treatment plant for a 4 bedroom property with a proposed extension with 5 bedrooms for bed & breakfast accommodation.

Based on the latest guidelines from British Water, endorsed by the Environment Agency we recommend a Marsh Industries Ensign 13/16 unit, capable of treating up to 2.60m³/day to a 15:30:20 standard

Note the standard invert depth of 0.545m with an outlet depth of 0.62m.

The invert depth can be increased to 1.25m with a corresponding increase in the outlet depth. A pumped outlet is also available, both for a small additional cost.

Price delivered:- £3,520 + vat

A power supply is required for the blower 230v 1ph 0.133 Kw

Kind regards

Tom Evans



**Water Treatment Plants &
Ancillary Equipment Supplier**

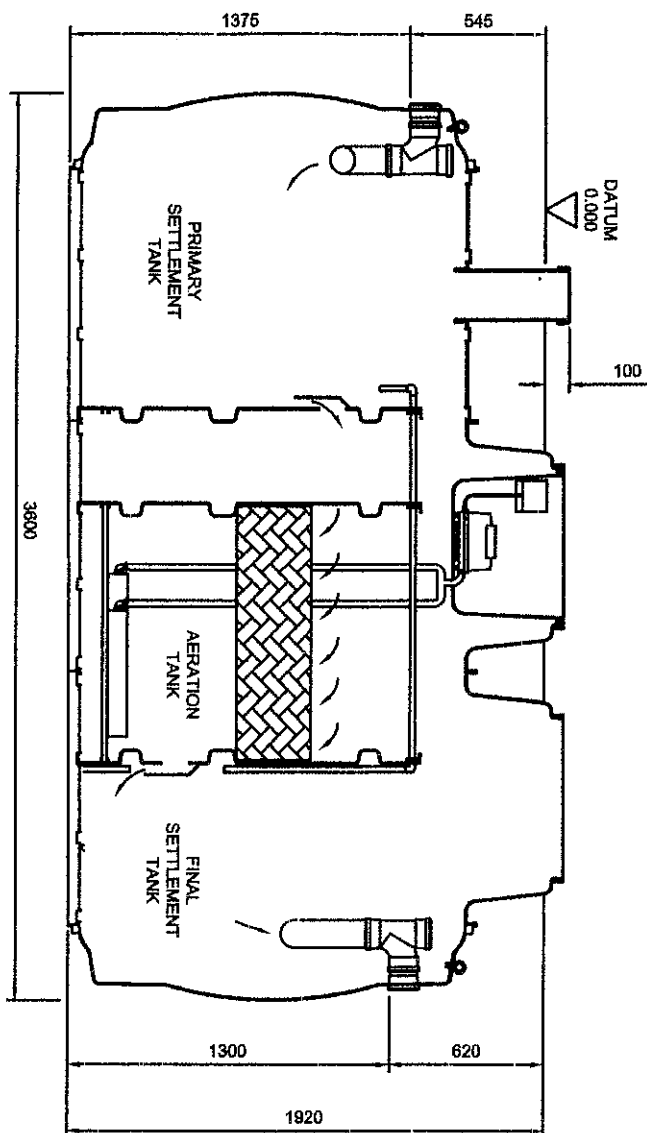
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Marsh ENsign Range

Sewage Treatment Plants From 6 – 50PE

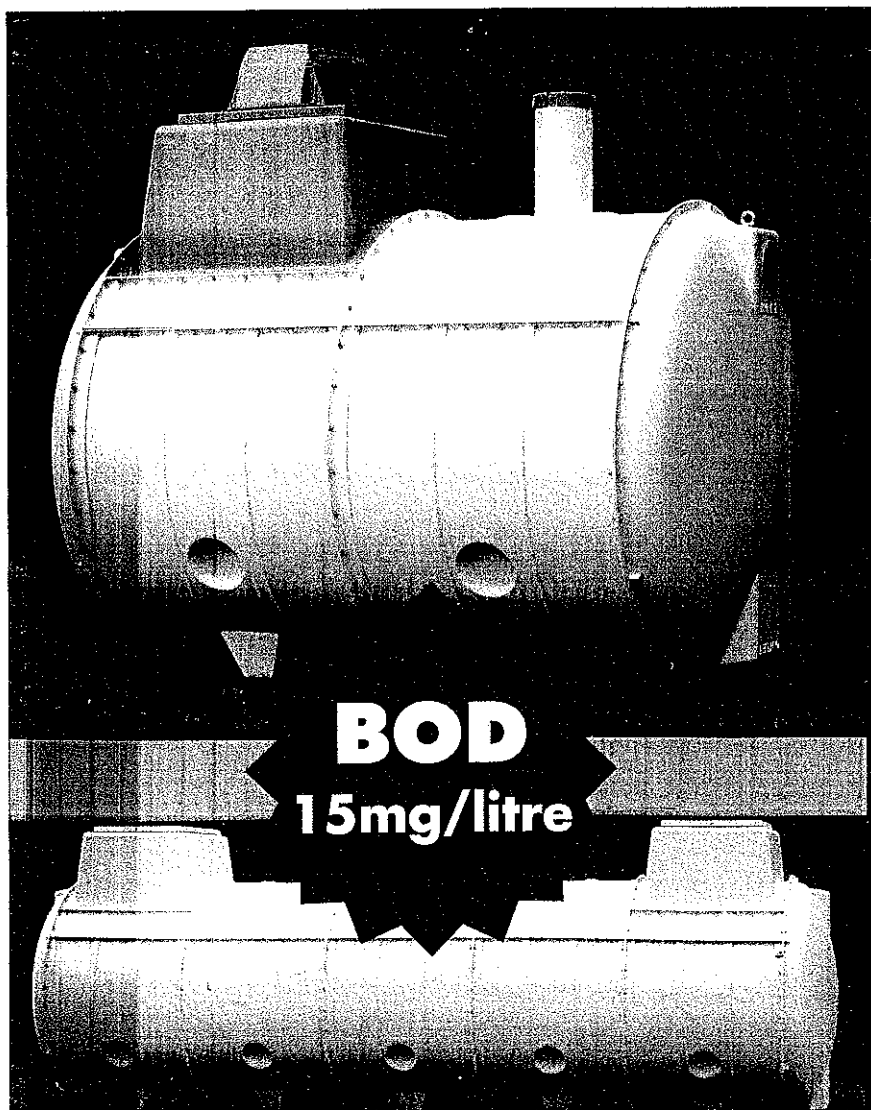
Uni:6 – 50



The ENsign Range of Sewage Treatments Plants is Certified to EN12566-3 and Designed in Accordance with British Water Loads & Flows Code of Practice

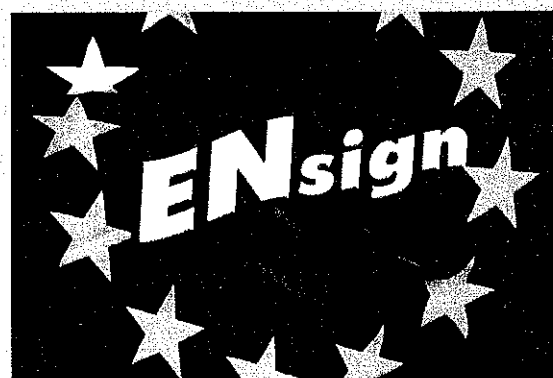
- Gravity & Pumped Outlet
- Shallow Invert 500mm
- Invert Risers Available
- Very Quiet Running
- Low Running Cost
- Stainless Steel Fixings
- Separate De-sludge Chamber
- Ex-stock normally within 72 hours

- ENsign Sewage Treatment Plants are extremely strong engineered using high performance SMC materials
- Powered by Energy Efficient Compressors
- Pea Shingle Surround for Normal Ground Conditions
- Compressor Alarms Are Standard
- Full Technical Design Service Available



BOD
15mg/litre

**The Strongest
Sewage Treatment
Plant on the Market**



Marsh ENsign Range

www.marshindustries.co.uk

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Marsh ENsign Range

Packaged Sewage Treatment Plants

Introduction

Marsh Industries Limited, occupies a unique position in the field of sewage and effluent treatment. We have the technical expertise and experience gained from over 30 years in the UK Construction and manufacturing Industries

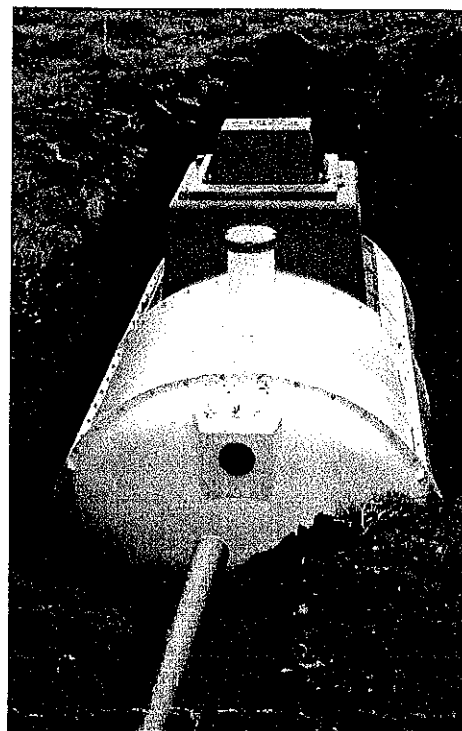
Based in Northamptonshire, Marsh Industries are ideally placed to deliver our product ranges across the U.K. We are committed to offering the industry high specification product. We have recently expanded our new U.K. assembly plant just outside Northampton to cope with the increased demand on our products.

Our ENsign Uni: tank Sewage Treatment Plant range is testimony to that commitment

All ENsign Uni: tanks feature proven tested performance capabilities certified to BSEN 12566-3. All components are manufactured to the highest quality standards ISO 9001:2000

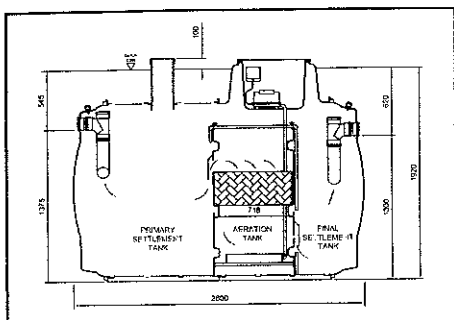
We supply products to major Sewage Treatment Contractors and Consultants both here in the United Kingdom and throughout Europe

We offer a guaranteed 72 hour delivery service on over 90% of our product range and what we believe to be an exceptional after sales service. We have a extensive list of existing customers who have been dealing with us for many years, so we are sure like them you will be delighted in the product or service we provide.

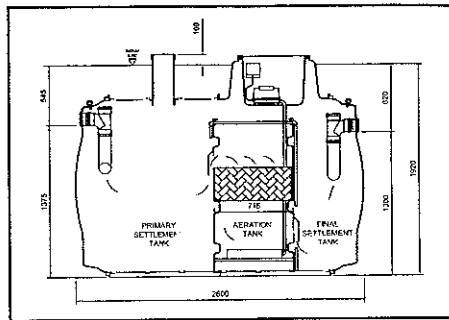


Other Marsh Products

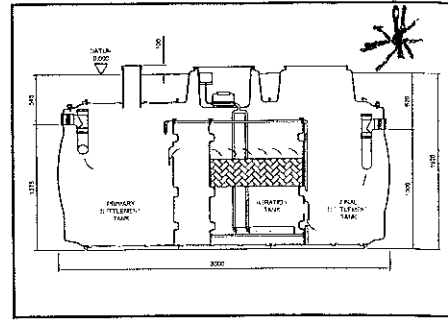
- Marsh Polylok Filtration Chamber
- Green Filter Septic Tank
- Well Water Rain Harvesting Systems
- Uni: Gem 2 - Septic Tank Upgrades
- Uni: Gem Industrial & Commercial Plants
- Uni: Saf Above Ground Sewage Treatment Plant
- Uni: Holland Pump Chamber
- Anti Flood Valves



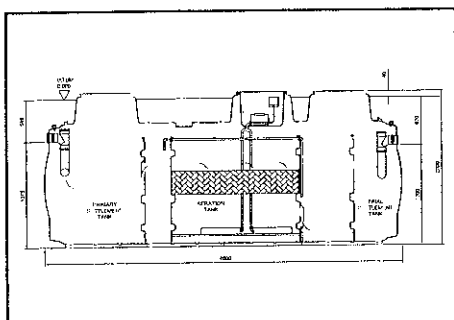
6 - 8 People Plant



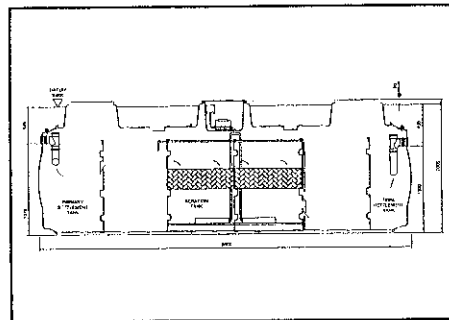
10 - 12 People Plant



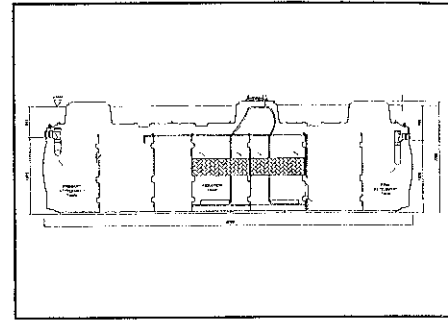
13 - 16 People Plant



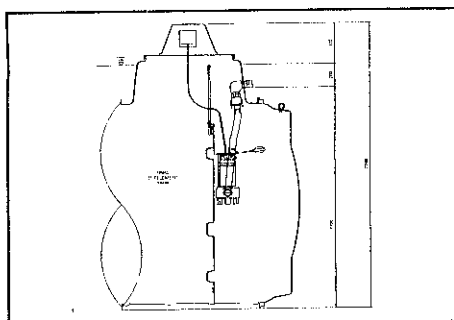
17 - 21 People Plant



22 - 26 People Plant



27 - 32 People Plant



Standard Pump Outlet

The Marsh Ensign range inlet invert is normally 500mm, but we can supply invert risers up to 1.25m

We suggest the compressor is housed internally for gravity outlets, and externally when a pumped outlet is fitted

Marsh Ensign Code	Unit 6	Unit 10	Unit 12	Unit 13-16	Unit 17-21	Unit 22-26	Unit 27-32
Population	6	10	12	13-16	17-21	22-26	27-32
Height Tank	1920mm	1920mm	1920mm	1920mm	1920mm	1920mm	1920mm
Width Tank	1700mm	1700mm	1700mm	1700mm	1700mm	1700mm	1700mm
Length Tank	2700mm	2700mm	2700mm	3600mm	4600mm	5600mm	6600mm
Ground Level To Inlet Invert	500mm	500mm	500mm	545mm	545mm	545mm	545mm
Ground Level To Outlet Invert	575mm	575mm	575mm	620mm	620mm	620mm	620mm
Compressor Blower (Internal or External Available)	internal	internal	internal	internal	internal	internal	internal
Max. Power Consumption	60w	80w	100w	133w	175w	217w	267w
Effluent Quality	15:30:20	15:30:20	15:30:20	15:30:20	15:30:20	15:30:20	15:30:20
Gravity Or Pumped Outlet	standard	standard	standard	standard	standard	standard	standard
Invert Risers Available	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Desludging Full Loading Months	12	12	12	12	12	12	12
Weight Empty (approx.)	300kg	335kg	360kg	400kg	500kg	600kg	700kg
Single Phase 240/50							
Tested & Certified To EN12566-3	Yes	Yes	Yes	Yes	Yes	Yes	Yes



Marsh ENsign Range

Sewage Treatment Plants From 6 – 50PE

Uni:6 – 50



Uni:ENsign 6-50PE Range

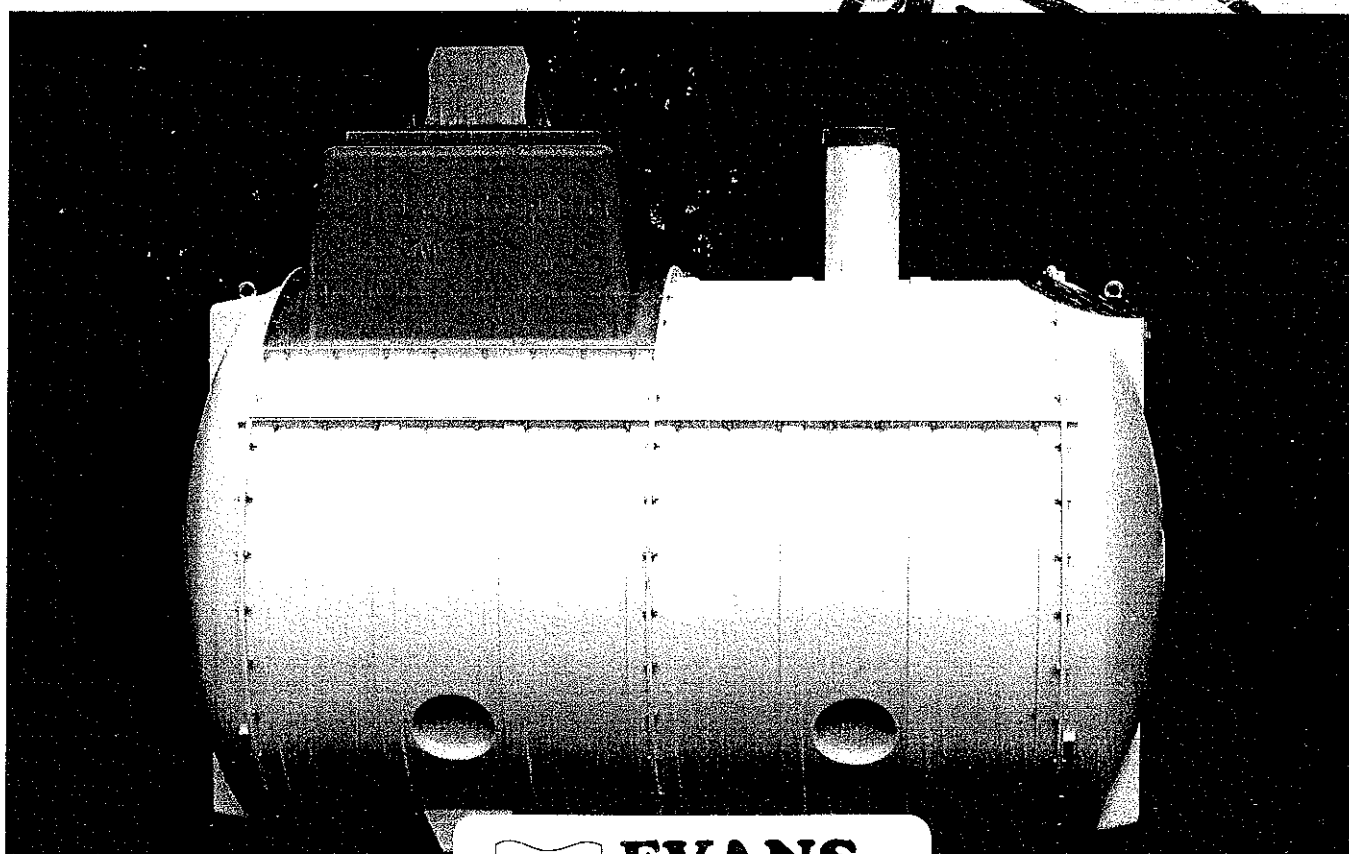
Hydraulic daily load:	1 2m ³ /day-10m ³ /day
Material:	SMC
Watertightness (water test):	Pass
Crushing resistance:	Pass
Treatment efficiency:	BOD: Pass
	TSS: Pass
	NH4: Pass

Tested to BSEN12566-3: Aachen Germany

BOD 15mg/litre

Warranty & Guarantee

- The minimum design life of the tank structure is twenty five years. (internally & externally)
- The compressor blower is covered by a two year guarantee.
- The diffuser is covered by a five year guarantee.
- Engineered using high performance SMC material.
- All metal components stainless steel.



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