

Foul Water Drainage

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Poor Parts Barn

Hellifield Road
Bolton-by-Bowland
Clitheroe
BB7 4LU

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All test holes were suitable and the overall average Vp is **24.6** which is in line with the guidance.

On this basis the length of drainage field (600mm trench) required has been calculated using the formula:

$$\begin{array}{l} P \quad \times \quad Vp \quad \times \quad 0.25 = A_t \\ 5 \quad \times \quad 24.6 \quad \times \quad 0.25 = m \quad \quad 30.75m^2 \div 0.60 = 51.25m \text{ linear} \end{array}$$

Package Treatment Unit

A package treatment unit will be used to deal with sewage and foul water. The chosen system will be Certified to EN 12566 and compliant with Part H (H2) Building Regulations.

A Bio Pure 2 wastewater treatment unit is the chosen system (See below) with a maximum daily flow of 1050 litres.

The drainage field will be constructed to meet the Wastewater Treatment Systems and Cesspools H2 Requirement contained in Building Regulations 2015.

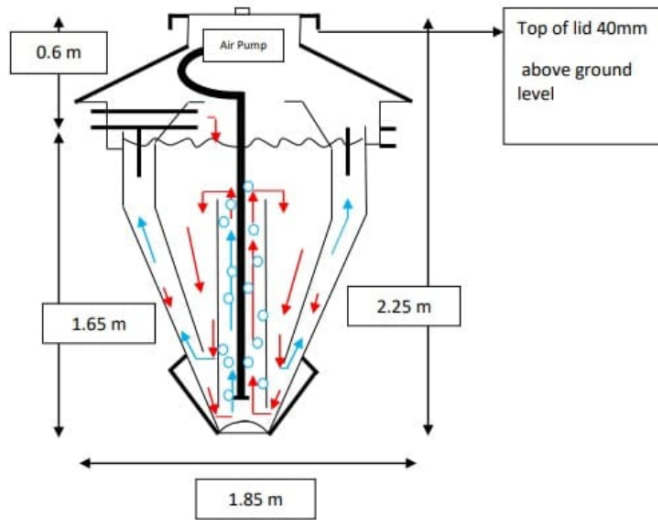
The unit will be regularly serviced in accordance with the manufacturers recommendations and checked regularly to ensure the system is working effectively.

The total outflow volume is less than 2m³/day and will meet the General Binding Rules. A discharge licence is not required.

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Proposed Treatment Unit

Bio-Pure 2 E Range Technical Sheet



Price	£2,651.25 (£3,181.50 Inc VAT)
Product ID	BP-2
Air Pump	80ltr
No. of Persons	1-7
Max Average Daily Flow	1050ltr
Max BOD/Day	420g
In Ground Depth	2.25m
Outside Diameter	1.85m
Inlet Invert	600mm
Outlet Invert	700mm
Weight Empty	125kgs
Total Capacity	2270ltr
Power Consumption for E Range	42w

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