

# PLANT ENQUIRY SIZING SHEET

<b>Our ref:</b>		<b>Date:</b>	25.05.21
<b>Client:</b>	RA Dalton		
<b>Site:</b>	Plas Islaf, Caerwys, N Wales		

Source of Waste		Flow: Litres/Day		BOD : Grams/Day		Amm : Grams/Day	
Description	No	Per Head	Total	Per Head	Total	Per Head	Total
A Mobile home type caravans with fu	228	150	34200	60	13680	8	1824
A A standard residential	4	150	600	60	240	8	32
<b>Totals</b>	<b>232</b>		<b>34800</b>		<b>13920</b>		<b>1856</b>

## Comments:

1. BOD concentration: 400 mg/l

Ammoniacal Nitrogen Concentration: 53 mg/l

2. Suggested type of plant:

Apart from the User Defined Data, All the loading figures stated have been taken from the 2014 British Water Flow and loads tables used when sizing small sewage treatment plants

3. All surface water to be excluded from the foul sewer.

4. Consent to Discharge to be obtained from Environment Agency

5. Assumes waste disposal units not in use

EFFLUENT QUALITY: 20 mg/l BOD  
30 mg/l SS  
20 mg/l NH4N

6. Grease - No grease separator

7. Commercial Laundry - No Laundry

Details

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**No recycle on Domestic applications**  
INVERT DEPTH: 600mm tbc  
POWER SUPPLY: Single Phase  
PIPEWORK DIA: 160mm  
ALARM: incl.

Customer Signature

To be retained by customer, copy to be returned to H.O. for quotation purposes.

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