



PLANT ENQUIRY SIZING SHEET

Our ref: Date:

Client:

Site:

| Source of Waste | | Flow: Litres/Day | | BOD : Grams/Day | | Amm : Grams/Day | |
|-------------------------------------|------------|------------------|--------------|-----------------|--------------|-----------------|-------------|
| Description | No | Per Head | Total | Per Head | Total | Per Head | Total |
| School Non-residential with canteen | 350 | 90 | 31500 | 38 | 13300 | 5 | 1750 |
| School Boarding (i) residents | 200 | 175 | 35000 | 60 | 12000 | 8 | 1600 |
| School Non-residential with canteen | 100 | 90 | 9000 | 38 | 3800 | 5 | 500 |
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| | | | | | | | |
| Totals | 650 | | 75500 | | 29100 | | 3850 |

Comments:

- 1. BOD concentration: 385 mg/l Ammoniacal Nitrogen Concentration: 51 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
- 6. Grease - No grease separator
- 7. Commercial Laundry - No Laundry

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

Details
0
0

0% Recycle
INVERT DEPTH:
POWER SUPPLY: Single Phase
PIPEWORK DIA: 160mm
ALARM:

Customer Signature

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