

## Pen y Bryn Farm Rhyl Discharge Calculations

Serves 9 properties 3x2 bed 2x3 bed & 4x4 bedroomed residential units. This adds up to potentially 46 people connected to the system. We then need to multiply that with 0.80 to give an adjusted P (people) value, this would calculate to 36.8 people. I then needed to calculate the amount of waste that could be created, an average person creates 150 litres per day so that would make a sum of  $36.8 \times 150 = 5,520$  litres which is converted to 5.52 cubic meter per day