

DUKES MEADOW, WATERLOOVILLE

Extra Care Apartments

Foul Drainage Flows:

Extra Care Apartments

Accommodation comprises:

- 20 No. 1 bedroom apartments: equivalent population, 3 persons x 20 = 60P
- 31 No. 2 bedroom apartments: equivalent population, 4 persons x 31 = 124P

From British Water Code of Practise: '*Flows and Loads*' foul flow is 180 lits/person/day.

Occupancy $60 + 124 = 184$ persons.

Daily flow : $184 \text{ persons} \times 180 = 33,120 \text{ lits/day} = \mathbf{0.383 \text{ lits/sec}}$

Peak design flow : $6 \times \text{daily flow} = 6 \times 0.383 = \mathbf{2.30 \text{ lits/sec}}$