

Thames Water Foul Water Calculator

Site Name	Brill Place, Kings Cross, Camden, NW1 1EY
Project Number	70057370
Assessment by	BB
Checked by	LC
Date:	21/10/2019
Accommodation/Floor Space Schedule Reference:	

	Dry weather flow (in litres per day)	Wet Weather Flow (in litres per day)		Number		WWF	
				Existing	Proposed	Existing	Proposed
Per Person Usage (residential)	150	990	Per person	0	87.9	0.00	1.01
School per pupil	80	528	per pupil			0.00	0.00
Assembly Hall per seat	10	66	per seat			0.00	0.00
Cinema per seat	10	66	per seat			0.00	0.00
Theatre per seat	10	66	per seat			0.00	0.00
Sports Hall per person	50	330	per person			0.00	0.00
Hotel per room	550	3630	per room			0.00	0.00
Guest House per room	200	1320	per room			0.00	0.00
Motel per room	300	1980	per room			0.00	0.00
Holiday Apartment per person	150	990	per person			0.00	0.00
Leisure Park per person	220	1452	per person			0.00	0.00
Caravan Pk standard per space	250	1650	per space			0.00	0.00
Caravan Site serviced per space	450	2970	per space			0.00	0.00
Camping site standard per space	200	1320	per space			0.00	0.00
Camping site serviced per space	350	2310	per space			0.00	0.00
Public House per seat	150	990	per seat			0.00	0.00
Restaurant/Day Care Centre per person	270	1782	per person			0.00	0.00
Drive in restaurant per seat	380	2508	per seat			0.00	0.00
Hospital per bed	750	4950	per bed			0.00	0.00
Nursing/Care Home per bed	375	2475	per bed			0.00	0.00
Offices per 100m sq	750	4950	per 100m ²			0.00	0.00
Shopping Centre per 100m sq	400	2640	per 100m ²			0.00	0.00
Warehouse per 100m sq	150	990	per 100m ²			0.00	0.00
Commercial premises per 100 m sq	300	1980	per 100m ²			0.00	0.00
Manufacturing unit per 100m sq	550	3630	per 100m ²			0.00	0.00

Foul Summary	
Existing Dry Weather Flow	0.00
Existing Wet Weather Flow	0.00
Proposed Wet Weather Flow	1.01
WWF Increase	1.01

Notes

EXISTING FOUL: REFER TO EXISTING SITE LAYOUT/BUILDING SCHEDULE

PROPOSED FOUL: 27 NO X 1 BED FLAT = 35.1 PEOPLE
 24 NO X 2 BED FLAT = 45.6 PEOPLE
 3 NO X 3 BED FLAT = 7.2 PEOPLE

TOTAL PROPOSED OCCUPANCY = 87.9 PEOPLE

occupancy rates from Census 2011

Dwelling Size	Occupancy Rate (House)	Occupancy Rate (Flat)
1 bed	1.5 persons	1.3 persons
2 bed	1.9 persons	1.9 persons
3 bed	2.5 persons	2.4 persons
4+ bed	3.0 persons	2.8 persons