



Project: High Holborn Estate
 Address: 18-21 Hand Court
 Proposed Foul Water Calculations
 Basement Level

Project No: 1508
 Date: 02/07/18
 Calcs by: KG
 Page No: 4



Project: High Holborn Estate
 Address: 18-21 Hand Court
 Proposed Foul Water Calculations
 Above Basement Level

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Proposed Foul Water Peak Discharge Rate (DU method - BS EN 752)

Development Type:-

- Dwelling, guesthouse, office (intermittent use)
- Hospital, School, Restaurant, Hotel (frequent use)
- Toilets and/or shower open to the public (congested use)
- Laboratory buildings (special use)

Appliance	No.	Discharge Units per Appliance	Total Units
Washbasin	1	0.6	0.6
Shower	3	0.6	1.8
Urinal	0	0.8	0
Bath	0	1.3	0
Kitchen Sink	0	1.3	0
Dishwasher	0	0.8	0
Household Washing Machine	0	0.8	0
Commercial Washing Machine	0	1.5	0
WCs	1	2.5	2.5
Floor Drains	5	2	10
Total Discharge Units for Site			<u>14.9</u>

Therefore, total flow from site = 1.93 l/s

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Appliance	No.	Discharge Units per Appliance	Total Units
Washbasin	16	0.6	9.6
Shower	0	0.6	0
Urinal	0	0.8	0
Bath	0	1.3	0
Kitchen Sink	0	1.3	0
Dishwasher	0	0.8	0
Household Washing Machine	0	0.8	0
Commercial Washing Machine	0	1.5	0
WCs	16	2.5	40
Floor Drains	0	2	0
Total Discharge Units for Site			<u>49.6</u>

Therefore, total flow from site = 3.52 l/s

