



Company >e[bZmtgWqXZb NQcr`WV				Project	
Item Waste water & BOD calculation				Job Ref	Sheet no. 1
MasterDrain	Calc. by IJ	Date	Checked by	Date	Approved by
					Date

Category	No.	Vol	BOD	NH ₃	Vol.	BOD	NH ₃
Residential - Standard	35	200	60	8	7000	2100	280
Industrial - Office / Factory without canteen	5	50	25	5	250	125	25
Schools - Non-residential without a canteen	40	50	25	5	2000	1000	200
Restaurants - Snack Bars & bar meals	15	15	19	2	225	285	30
Amenity - Health Club/Sports Centre	25	50	19	4	1250	475	100

Total flow rate = 10.725 m³/day
 Total BOD₅ = 3.985 Kg/day

Average flow rate = 0.12 l/s
 Average BOD₅ = 371.56 mg/l

Population equivalent = 66 persons.