

## Sewerage and Liquid Trade Waste Discharge Factors

### **Sewer Discharge Factor**

Sewerage usage charges apply to all non residential properties. The charge applies to each kilolitre of sewerage discharged to the sewerage system. Unless the volume of sewage is directly metered a sewer discharge factor is applied to the metered water consumption to calculate the volume discharged.

The sewer discharge factor includes all discharge to the sewerage system i.e. liquid trade waste and domestic sewerage, and, in some cases, first flush stormwater from open areas. It is the ratio of the estimated volume discharged into the sewerage system to the total water consumption. Additional information is available in Appendix G of the DWE Liquid Trade Waste Management Guidelines 2005.

The sewer discharge factors are presented in the table below.

### **Liquid Trade Waste Discharge Factor**

Liquid trade waste usage charges apply to all properties who discharge liquid trade waste to the sewerage system. The charge applies to each kilolitre of liquid trade waste discharged and is in addition to the sewerage usage charge. A trade waste usage factor is applied to the metered water consumption to calculate the volume of liquid trade waste discharge.

The trade waste discharge-factor is the volume of wastewater that discharges from the trade waste processes. It is the ratio of the estimated volume of liquid trade waste discharges into the sewerage system to the total water consumption.

Liquid trade waste discharge factors are presented in the table below.

| <b>SEWER AND TRADE WASTE DISCHARGE FACTORS</b>                |                           |                    |
|---|---------------------------|--------------------|
| <b>Discharger's Premises / Facility</b>                       | <b>Discharge Factor %</b> |                    |
|   | <b>Sewer</b>              | <b>Trade Waste</b> |
| Bakery  | 90                        | 25                 |
| With a residence attached                                     | 70                        | 18                 |
| Bed and Breakfast / Guesthouse (max. 10 persons)              | 75                        | NA                 |
| Boarding House  | 90                        | 20                 |
| Butcher   | 90                        | 90                 |
| With a residence attached                                     | 70                        | 65                 |
| Cakes / Patisserie / Hot Bread                                | 90                        | 50                 |
| Car Detailing   | 90                        | 90                 |
| Car Wash - small hand wash only                               | 70                        | 70                 |
| Car / Vehicle Wash - Robo, Carlovers, Gerni type and auto etc | 90                        | 90                 |
| Caravan Park - with commercial kitchen                        | 70                        | 25                 |
| Caravan park - no commercial kitchen                          | 60                        | NA                 |
| Chicken / poultry shop (retail fresh, no cooking)             | 90                        | 90                 |
| Chicken cooking (Charcoal Chicken)                            | 90                        | 80                 |
| Club - Direct service to club eg. RSL                         | 90                        | 30                 |
| Club - Bowling, Racing, Golf                                  | 50                        | 45                 |
| Coal Mine   | 25                        | 25                 |
| Cold Store  | 10                        | NA                 |
| Community hall (minimal food only)                            | 90                        | NA                 |
| Concrete Batching Plant (process water to stormwater)         | 10                        | NA                 |
| Correctional Centre (with laundry)                            | 90                        | 15                 |
| Craft / Stonemason  | 90                        | 80                 |
| Day Care Centre   | 90                        | NA                 |
| Delicatessen, mixed business (no hot food)                    | 90                        | NA                 |
| With a residence attached                                     | 70                        | NA                 |

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|--|---------------------------|--------------------|
| <b>Discharger's Premises / Facility</b>                              | <b>Discharge Factor %</b> |                    |
|  | <b>Sewer</b>              | <b>Trade Waste</b> |
| Delicatessen, mixed business (with hot food)                         | 90                        | 50                 |
| With a residence attached  | 70                        | 50                 |
| Dental Surgery with X-ray  | 90                        | 80                 |
| With a residence attached  | 70                        | 60                 |
| Fast Food (McDonalds, Burger King, Pizza Hut)                        | 90                        | 62                 |
| Fast Food (KFC, Red Rooster)   | 90                        | 80                 |
| Fresh Fish Outlet  | 90                        | 90                 |
| Hairdresser  | 90                        | NA                 |
| High School  | 90                        | 25                 |
| Hospital (public and private)  | 90                        | 60                 |
| Hostel   | 90                        | 20                 |
| Hotel  | 90                        | 25                 |
| Joinery  | 90                        | 10                 |
| Laundry  | 90                        | 92                 |
| Marina   | 90                        | 70                 |
| Mechanical Workshop / Garage / Lawn mower repair/ equipment hire etc | 90                        | 70                 |
| Mechanical Workshop with car yard / car wash                         | 90                        | 70                 |
| Medical Centre   | 90                        | 25                 |
| Motel - small less than 15-25 rooms (no hot food)                    | 90                        | NA                 |
| Motel with hot food  | 90                        | 20                 |
| Nursery  | 25                        | 5                  |
| Nursing Home   | 90                        | 50                 |
| Office Building  | 90                        | NA                 |
| Optical Service  | 90                        | NA                 |
| Panel Beater / Spray Painter   | 90                        | 70                 |
| Primary School   | 90                        | 10                 |
| Photo-Processing   | 90                        | 85                 |
| Printer  | 90                        | 85                 |
| Radiator Repair  | 90                        | 85                 |
| Restaurant, includes café, canteen, bistro etc                       | 90                        | 50                 |
| Self Storage   | 90                        | NA                 |
| Seafood - Co-ops and Fresh   | 90                        | 90                 |
| Service Station  | 90                        | 70                 |
| Service Station (with car washing)                                   | 90                        | 85                 |
| Shopping Centre  | 90                        | 50                 |
| Supermarket  | 90                        | 70                 |
| Sporting Ovals - Amenities Blocks                                    | 25                        | 20                 |
| Swimming Pool (commercial)   | 90                        | NA                 |
| Take Away Food   | 90                        | 50                 |
| Technical College or University                                      | 90                        | 25                 |
| Veterinary Surgeon (no X-ray), Kennels, Animal wash                  | 80                        | NA                 |
| Wreckers   | 90                        | 85                 |