

**Residential Equivalent Units:**

A residential equivalent unit is that portion of a user's facility that has an impact on the water and wastewater system equivalent to a single family residence. The determination of a facility's residential equivalent units shall be based on estimated water consumption as shown in guidelines below or on square footage. Peak water consumption of three hundred (300) gallons per day or a floor space of three thousand (3,000) square feet, shall be the equivalent of one (1) residential unit. The method which results in the greater number of equivalent residential units shall be applied. The standards in the table below shall be used in the determination of water consumption. If the table does not provide information for a particular application, the estimated water consumption shall be as calculated by the director in accordance with sound engineering practices using information available from Georgia EPD, USEPA, or standard reference materials commonly used for estimating flows.

<b><u>Type of Facility</u></b>	<b><u>Water Usage In Gallons Per Day</u></b>
Assembly Hall	3 per seat
Barber Shop/Beauty Parlor	125 per chair
Boarding House **	100 per room
Bowling Alley	50 per lane
Church:	
w/o Day Care or Kindergarten	5 per seat
Correctional Institution	125 per bed
Country Club,	
Recreation Facilities Only	25 per member
Day Care Center, no meals	15 per person
Dental Office	100 per chair
Department Store	25 per employee
Factory:	
w/o showers	25 per employee
with showers	35 per employee
Food Service Establishments (toilets & kitchen) **	
1) Restaurants, up to 12 hours/day to 18 hours/day	35 per seat
2) Restaurants, that use paper products only	15 per seat
3) Restaurants, above 18 hours /day	50 per seat
4) Bar and Cocktail Lounge	30 per seat
5) Drive-in Restaurant	35 per car space
6) Carry-out Only	35 per 100 sq. ft
	plus 15 per employee
Hospital	
1) Inpatient	300 per bed
2) Outpatient	300 per bed
Hotel, no kitchen	100 per room
Kindergarten, no meals	15 per person
Laundry, Commercial	1000 per machine

Laundry, coin	150 per machine
Lodges	50 per bed
Mobile Home Park	300 per site
Motel, no kitchen	100 per room
Nursing Home	100 per bed
Office	25 per employee
Physician's Office	200 per exam room
Prison	300 per inmate
Schools:	
1) Boarding	100 per person
2) Day, Restrooms Only	12 per person
3) Day, Restrooms, and Cafeteria	16 per person
4) Day, Restrooms, Gyms & Cafeteria	20 per person
Service Stations serving Interstate:	
1) Full Service	425 + 150 per pump
2) Fuel and Oil Only	150 per pump
Service Stations serving other locations:	
1) Full Service	300 + 100 per pump
2) Fuel and Oil Only	100 per pump
Service Stations serving any locations:	
Car Wash	500 per stall
Shopping Center	
(not including food service or laundry)	10 per 100 sq. ft
Stadium	2 per seat
Theater	5 per seat
Travel Trailer Park:	
1) With Independent Water & Sewer Connection	100 per site
2) w/o Independent Water & Sewer Connection	35 per site
Warehouse (>100,000 SF):	10 gpd/1,000 SF x Warehouse Area (95% of building area) 200 gpd/1,000 SF x Office Area (5% of building area)
Warehouse (<100,000 SF):	35 gpd/1,000 SF x Total Warehouse Area

\*\* Add 300 gallons per machine to amount indicated if laundry or dish washing machines are installed.

In the event a facility is made up of more than one smaller component facility, the determination of residential equivalent units shall be calculated as the sum of all component's residential equivalent units.