

Utility Service Application ERC Calculation Spreadsheet for Multi-family and Non-residential Developments (page 1 of 3)

	Unit Average Daily Demand (gpd)		Existing/ Previous Use	Proposed Use	=	Total Net Average Daily Demand (gpd)
Single Family Residential	300	x			=	
Multi-Family						
less than 1,600 SF per unit	150	x			=	
1,600 SF per unit but less than 3,000 SF per unit	240	x			=	
3,000 SF per unit and greater	300	x			=	
Airports						
per passenger per day	4	x			=	
add per employee	15	x			=	
Barber and beauty shops per service chair	75	x			=	
Bowling Alley per lane	50	x			=	
Car Wash						
automated, per car	45	x			=	
automated, with water recovery	8	x			=	
self service, per car	12	x			=	
self service, with water recovery	6	x			=	
Country Clubs						
per resident, or	100	x			=	
per member or patron	25	x			=	
add per employee per 8 hour shift, or	15	x			=	
per member (with showers)	30	x			=	
add per employee per 8 hour shift (with showers)	25	x			=	
apartment/multi-purpose clubhouse per restroom	250	x			=	
Doctors and Dentist offices						
per practitioner	250					
add per employee per 8 hour shift	15	x			=	
Factories, exclusive of industrial wastes, per employee 8 hr shift						
no showers provided	15	x			=	
showers provided	25	x			=	
Flea Market open 3 days or less per week						
per non-food service vendor space	15	x			=	
add per food service establishment using single service						
articles per 100 sf of floor space	50	x			=	
per limited food service establishment	25	x			=	
Flea Market open more than 3 days per week						
per non-food service vendor space	30	x			=	
add per food service establishment using single service						
articles per 100 sf of floor space	100	x			=	
per limited food service establishment	50	x			=	

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	Unit Average Daily Demand (gpd)		Existing/ Previous Use	Proposed Use	=	Total Net Average Daily Demand (gpd)
Food service operations						
restaurant open 16 hours or less per day, per seat	40	x			=	
restaurant open more than 16 hours per day, per seat	60	x			=	
restaurant serving single service articles only and open						
16 hours a day or less, per seat	20	x			=	
restaurant serving single service articles only and open						
more than 16 hours a day, per seat	35	x			=	
bar and cocktail lounge per seat	20	x			=	
add per pool table or video game	20	x			=	
drive-in restaurant, per car space	15	x			=	
carry-out only, including caterers	50	x			=	
add per 100 SF of floor space	50	x			=	
add per employee per 8 hr shift	15	x			=	
institutions per meal	5	x			=	
food outlets excluding deli, bakery, or meat department						
per 100 SF of floor space	10	x			=	
add per deli per 100 SF of floor space	40	x			=	
add for bakery per 100 SF of floor space	40	x			=	
add for meat department per 100 SF of floor space	75	x			=	
add per toilet	200	x			=	
Hotels and motels						
regular per room	100	x			=	
resort hotels, camps, cottages (per room)	200	x			=	
add for self-service laundry, per machine	750	x			=	
Laundromats, laundrette, self-service laundry facilities,						
per machine	260	x			=	
Trailer park for recreational vehicles						
per space (overnight) without water and wastewater	50	x			=	
travel trailer (overnight) with water and sewer hookup,						
per trailer space	75	x			=	
Office buildings						
(a) per employee per 8 hr shift, or	15	x			=	
(b) per 100 SF of floor space, whichever is greater	15	x			=	
Recreational / Sports facility						
per person	5	x			=	
per person (with showers)	10	x			=	

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	Unit Average Daily Demand (gpd)		Existing/ Previous Use	Proposed Use		Total Net Average Daily Demand (gpd)
Service stations / convenience store per toilet						
open 16 hours per day or less	250	x			=	
open more than 16 hours a day	325	x			=	
Shopping centers without food or laundry per 100 SF of floor space						
	10	x			=	
Stadiums, arenas, race tracks, ball parks per seat						
	4	x			=	
Stores per 100 SF of floor space						
	10	x			=	
Swimming and bathing facilities, public, per person						
	10	x			=	
Theaters and auditoriums, per seat						
	4	x			=	
Veterinary clinics						
per practitioner	250	x			=	
add per employee per 8 hour shift	15	x			=	
add per kennel, stall or cage	20	x			=	
Warehouses per employee per 8 hour shift						
	15	x			=	
Warehouses / mini-storage						
per bathroom	250	x			=	
add for onsite manager apartment	140	x			=	
Churches per seat						
	3	x			=	
Hospitals per bed						
	215	x			=	
Nursing, rest homes per bed						
	115	x			=	
Parks, public picnic						
with toilets only per person	5	x			=	
with bathhouses, showers and toilets per person	10	x			=	
Public institutions other than schools and hospitals per person (not including kitchen waste flows)						
	100	x			=	
Schools per student						
day type	10	x			=	
add for showers	4	x			=	
add for cafeteria	4	x			=	
add for day school workers	15	x			=	
boarding type	75	x			=	
daycare	10	x			=	
add per day care worker	15	x			=	
Work or construction camps, semi-permanent, per worker						
	50	x			=	
					GPD Total	

All other residential, commercial, institution not listed, and all conflicts are to be determined by the Tampa Water Department Director.

GPD Total
300

CIAC policy and information available at: tampagov.net/CIAC