

REQUEST FOR WATER AND/OR SEWER AVAILABILITY APPLICATION FORM

Parties desiring to connect to the City of Brentwood's water and/or sewer system are required to apply for availability. Requesting water and/or sewer availability is the first step in the development/building process and should be requested as early as possible to assure capacity is available for the planned project.

Date of Request:			
<u>Owner Information</u>			
Owners Name:		Company Name:	
Address:			
Phone:		Email:	
<u>Owner's Representative If Applicable (i.e. consultant)</u>			
Name:		Company Name:	
Address:			
Phone:		Email:	
<u>Project Information</u>			
Project Name or Description:		Project Acreage:	
Project Address, Map & Parcel No.:			
Current/Proposed Zoning			
Typical Heated Living Space (sq. ft): <i>(if Residential)</i>	s.f.		

<u>WATER INFORMATION:</u> <i>(Meter/service line design shall follow AWWA Manual 22, latest edition)</i>		
--- Residential ---		
Typical Residence: <i>(Avg. day / Inst. Peak)</i>	Domestic -	Irrigation -
Project Common space: <i>(Avg. day / Inst. Peak)</i>	Irrigation:	

WATER INFORMATION (cont.)			
Typical Residence, Total Flow Range (Min.- Max., gpm):		Requested Meter size for Typ. Residence:	
Total Projected Flow for Project (Avg. Day / Inst. Peak)			
--- Nonresidential ---			
Service Classification: (i.e. Office, Restaurant, Church, Car wash, etc.)			
Domestic Flow: (Avg. Day / Inst. Peak)		Site Irrigation (Avg. Day / Peak)	
Fire Line Required: Y / N	Fire Flow: (Peak/Duration)		

<u>SEWER INFORMATION:</u>			
--- Residential ---			
Typical Residence: (Avg. day)	310 gpd (WSD design stnd.)	No. Of Planned Units:	
Total Projected Flow for Project (Avg. Day / Inst. Peak)			
--- Nonresidential ---			
Service Classification: (i.e. Office, Restaurant, Church, Car wash, etc.)		No. of Units (See Design Criteria Attached)	
Food Service Proposed: (i.e. cafeteria, deli counter, etc.)	Yes or No	If yes, briefly describe:	
Domestic Flow: (Avg. Day / Inst. Peak)			
Total Requested Flow:			

Please attach design flow calculations for water and sewer projections and project site plan (if applicable), including utility plan with your application. Applications should be submitted to the Water Services Department, PO Box 788, Brentwood, TN 37024-0788, miltonc@brentwood-tn.org.

Water Services Department
Design Basis for Sewer Systems

DISCHARGE CLASSIFICATION	DESIGN UNITS	FLOW - Gallons / Day
Single Family Over 2,000 s.f.	Each	310
Single Family 2,000 s.f. or less	Each	233
Schools w/ showers & cafeteria	Faculty, Staff, and Students	16
Schools w/out showers & cafeteria	Faculty, Staff, and Students	12
Hotels/motels	per bedroom	130
Restaurants - Full Service (NAICS Class 2, 3)	Per Indoor Seat	40
- Deli, Ice Cream Shop, Coffee (NAICS Class 1)	Per Indoor Seat	25
Service (Fuel) Station w/ car wash	per fuel island/wash bay	1,000/500
Service (Fuel) Station w/ out car wash	per fuel island	1,000
Car wash facility	use historical data	--
Commercial Office	Per Employee	25
Commercial Office w/ showers	Per Employee	31
Commercial Retail	Per Square Foot	0.15
Warehouse space	Per Employee	25
Church (w/out kitchen, daycare, school, or other act.)	Per Sanctuary Seat	3
Church (w/kitchen but no daycare, school, or other act.)	Per Sanctuary Seat	5
Churches ¹ (large, multi-purpose facilities)	Per Seat and each addtl. usage ¹	--
Salon	per station	200
Nursing Homes / Assisted Living	Per Bed	120
Child/Day Care Center	Per Child and Adult	10
Child/Day Care Center w/ showers and/or café.	Per Child and Adult	15
Laundromat (self service)	per machine	250
Dry cleaning (drop off)	Per Employee	25
Swimming pools	per swimmer	10
Theaters, auditoriums	per seat	5
Factory	per person per 8 hr. shift	25
Fitness, exercise, dance center	Per 100 square feet	50

Notes:

1 - Design flow shall be determined by the sum of each usage classification being provided.

Unlisted classifications may use flow data for similar classification or plumbing fixture count method for determining flow.

2 - Per employee calculations are based on maximum employees based on use and space.



Director

November 19, 2014

Date