



**TOWN OF LOS ALTO HILLS**  
**26379 Fremont Road, CA 94022**  
**650 941-7222**  
**FAX 650 941-3160**

## GUIDELINES FOR RESIDENTIAL SERVICE DESIGN LOAD INFORMATION

COMPLETED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SERVICE ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 EMAIL: \_\_\_\_\_

### WASTEWATER UTILITY: SEWER CUSTOMER DEMAND DATA TABLE-FIXTURE UNIT COUNTS

#### **\*FOR RESIDENTIAL ONLY\***

FIXTURE TYPE	NO. OF FIXTURES	MULTIPLY BY FIXTURE UNIT	FIXTURE UNITS
BAR SINK		1.0	
BATHROOM SINK		1.0	
BATHTUB OR COMBINATION BATH/SHOWER		2.0	
BIDET		2.0	
CLOTHES WASHING MACHINE		3.0	
DISHWASHER		2.0	
HOT TUB/SPA		2.0	
KITCHEN SINK		2.0	
LAUNDRY SINK		2.0	
SHOWER HEAD (EACH HEAD)		2.0	
TOILET (GRAVITY TANK)		3.0	
WHIRLPOOL BATH OR COMBINATIONS BATH/SHOWER		2.0	
*OTHERS			
<b>TOTAL FIXTURE UNITS:</b>			

\*Note: for fixture types not list, refer to the latest Plumbing Code for fixture unit values.

This worksheet is used by Town to determine whether and how much a standard sewer connect fee will be increased if there are more than 60 plumbing fixture units on the residential parcel.

**SIGNATURE OF OWNER(S) OR AGENT:** (Please note: Agent requires letter of authorization from owner)

I, the undersigned owner or authorized agent of the property described above, hereby make an application for the purposes set forth above in accordance with the provisions of the City Ordinances, and I hereby certify that the information given is true and correct and to the best of my knowledge and belief.	
Signature	Date

**TABLE 7-3  
DRAINAGE FIXTURE UNIT VALUES (DFU)**

APPLIANCES, APPURTENANCES OR FIXTURES <sup>2</sup>	MINIMUM FIXTURE BRANCH PIPE SIZE <sup>1,4</sup>	PRIVATE	PUBLIC	ASSEMBLY <sup>6</sup>
Bathtub or Combination Bath/Shower	1½	2.0	2.0	
Bidet	1¼	1.0		
Bidet	1½	2.0		
Clothes Washer, domestic, standpipe <sup>5</sup>		3.0	3.0	3.0
Dental Unit, cuspidor	1¼		1.0	1.0
Dishwasher, domestic, with independent drain <sup>2</sup>	1½	2.0	2.0	2.0
Drinking Fountain or Water Cooler	1¼	0.5	0.5	1.0
Food-Waste-Grinder, commercial	2		3.0	3.0
Floor Drain, emergency	2		0.0	0.0
Floor Drain (for additional sizes see Section 702)	2	2.0	2.0	2.0
Shower, single-head trap	2	2.0	2.0	2.0
Multi-head, each additional	2	1.0	1.0	1.0
Lavatory, single	1¼	1.0	1.0	1.0
Lavatory, in sets of two or three	1½	2.0	2.0	2.0
Washfountain	1½		2.0	2.0
Washfountain	2		3.0	3.0
Mobile Home, trap <sup>9</sup>	3	12.0		
Receptor, indirect waste <sup>1,3</sup>	1½		See footnote <sup>1,3</sup>	
Receptor, indirect waste <sup>1,4</sup>	2		See footnote <sup>1,4</sup>	
Receptor, indirect waste <sup>1</sup>	3		See footnote <sup>1</sup>	
<b>Sinks</b>				
Bar	1½	1.0		
Bar <sup>2</sup>	1½		2.0	2.0
Clinical	3		6.0	6.0
Commercial with food waste <sup>2</sup>	1½		3.0	3.0
Special Purpose <sup>2</sup>	1½	2.0	3.0	3.0
Special Purpose	2	3.0	4.0	4.0
Special Purpose	3		6.0	6.0
Kitchen, domestic <sup>2</sup>	1½	2.0	2.0	
(with or without food-waste grinder and/or dishwasher)				
Laundry <sup>2</sup>	1½	2.0	2.0	2.0
(with or without discharge from a clothes washer)				
Service or Mop Basin	2		3.0	3.0
Service or Mop Basin	3		3.0	3.0
Service, flushing rim	3		6.0	6.0
Wash, each set of faucets			2.0	2.0
Urinal, integral trap 1.0 GPF <sup>2</sup>	2	2.0	2.0	5.0
Urinal, integral trap greater than 1.0 GPF <sup>2</sup>	2	2.0	2.0	6.0
Urinal, exposed trap <sup>2</sup>	1½	2.0	2.0	5.0
Water Closet, 1.6 GPF Gravity Tank <sup>6</sup>	3	3.0	4.0	6.0
Water Closet, 1.6 GPF Flushometer Tank <sup>6</sup>	3	3.0	4.0	6.0
Water Closet, 1.6 GPF Flushometer Valve <sup>6</sup>	3	3.0	4.0	6.0
Water Closet, greater than 1.6 GPF Gravity Tank <sup>6</sup>	3	4.0	6.0	8.0
Water Closet, greater than 1.6 GPF Flushometer Valve <sup>6</sup>	3	4.0	6.0	8.0

<sup>1</sup> Indirect waste receptors shall be sized based on the total drainage capacity of the fixtures that drain therein to, in accordance with Table 7-4.

<sup>2</sup> Provide a two (2) inch (51 mm) minimum drain.

<sup>3</sup> For refrigerators, coffee urns, water stations, and similar low demands.

<sup>4</sup> For commercial sinks, dishwashers, and similar moderate or heavy demands.

<sup>5</sup> Buildings having a clothes-washing area with clothes washers in a battery of three (3) or more clothes washers shall be rated at six (6) fixture units each for purposes of sizing common horizontal and vertical drainage piping.

<sup>6</sup> Water closets shall be computed as six (6) fixture units when determining septic tank sizes based on Appendix K of this code.

<sup>7</sup> Trap sizes shall not be increased to the point where the fixture discharge may be inadequate to maintain their self-scouring properties.

<sup>8</sup> Assembly [Public Use (See Table 4-1)].

<sup>9</sup> [HCD 2] For drainage fixture unit values related to mobilehome parks in all parts of the State of California, see California Code of Regulations, Title 25, Division 1, Chapter 2, Article 5, Section 1268. For drainage fixture unit values related to special occupancy parks in all parts of the State of California, see California Code of Regulations, Title 25, Division 1, Chapter 2.2, Article 5, Section 2268.