

## WATER

### Plumbing Fixture Plan Review

System Development Charge Calculation Sheet Based on Fixture Unit Weight (FUW)  
All water systems shall have water hammer arrestors and shall be accessible - Sec: 609.10 UPC

Appliances, Appurtenances or Fixtures	No Change to Existing Fixture	Existing Fixture Relocated or Replaced	Existing Fixture Removed Not Replaced	New Fixture Added Not a Replacement	FUW Count For Each Item	Total FUWs City to complete
Bath tub or combination bath/shower			1		4	
Bidet - Private					1	
Clothes washer					4	
Dental unit, cuspidor					1	
Dishwasher, domestic					1.5	
Drinking fountain or water cooler - Private/Public					0.5	
Drinking fountain or water cooler - Assembly					0.75	
Hose bib					2.5	
Hose bib, each additional					1	
Lavatory (bathroom sink)			1		1	
Pedicure basin					1	
Shower, per head			1		2	
<b>SINKS</b>						
Bar sink - Private					1	
Bar sink - Public					2	
Clinic Faucet - Public					3	
Clinic flushometer valve with/without faucet - Public					8	
Kitchen, domestic			1		1.5	
Laundry					1.5	
Service or mop basin - Private					1.5	
Service or mop basin - Public					3	
Wash-up, each set of faucets - Public					2	
Wash fountain, circular spray - Public					4	
<b>URINALS</b>					2	
Urinal, 1.0 GPF Flushometer valve - Public					4	
Urinal, 1.0 GPF Flushometer valve - Assembly					5	
Urinal, <i>greater</i> than 1.0 GPF Flushometer valve - Public					5	
Urinal, <i>greater</i> than 1.0 GPF Flushometer valve - Assembly					6	
Urinal, flush tank - Private or Public					2	
Urinal, flush tank - Assembly					3	
<b>WATER CLOSETS</b>						
Water closet, 1.6 GPF Gravity tank/Flushometer tank - Private/Public			1		2.5	
Water closet, 1.6 GPF Gravity tank/Flushometer tank - Assembly					3.5	
Water closet, 1.6 GPF Flushometer valve - Private/Public					2.5	
Water closet, 1.6 GPF Flushometer valve - Assembly					3.5	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank - Private					3	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank - Public					5.5	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank - Assembly					7	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve - Private					7	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve - Public					8	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve - Assembly					10	
<b>TOTALS</b>						

Contact Engineering Services for current System Development fee information

FORM PREPARED BY: Christian Vannoy DATE: 04/17/23

TEL: (619) 957-3311

EMAIL: Vannoyc11@gmail.com

**SANITARY SEWER**  
**Plumbing Fixture Plan Review**  
**System Development Charge Calculation Sheet Based on Fixture Unit Weight (FUW)**

Appliances, Appurtenances or Fixtures	No Change to Existing Fixture	Existing Fixture Relocated or Replaced	Existing Fixture Removed Not Replaced	New Fixture Added Not a Replacement	FUW Count For Each Item	Total FUWs
Bathub or combination bath/shower			1		2	
Bidet - 1 1/4"					1	
Bidet - 1 1/2"					2	
Clothes washer, domestic, 2" standpipe					3	
Dental unit, cuspidor					1	
Dishwasher, domestic with independent drain					2	
Drinking fountain or water cooler - Private/Public					0.5	
Drinking fountain or water cooler - Assembly					1	
Floor drain					2	
Food waste grinder - commercial					3	
Lavatory, (bathroom sink)			1		1	
Lavatory, (bathroom sink) sets of 2 or 3					2	
Pedicure basin					1	
Shower, single head			1		2	
Shower, multi-head each additional					1	
Wash fountain, 1 1/2"					2	
Wash fountain, 2"					3	
<b>SINKS</b>						
Bar sink - Private					1	
Bar sink - Public/Assembly					2	
Clinic, 3" Public/Assembly					6	
Commercial, 1 1/2" with food waste					3	
Kitchen, domestic 1 1/2" (with/without food waste grinder/dishwasher - Private/Public			1		2	
Laundry, 1 1/2"			1		2	
Service sink /Mop basin, 2"/3"					3	
Service sink, flushing rim 3"					6	
Wash, each set of faucets - Public/Assembly					2	
<b>URINALS</b>						
Urinal, 2" integral trap 1.0 GPF - Private/Public					2	
Urinal, 2" integral trap 1.0 GPF - Assembly					5	
Urinal, 2" integral trap greater than 1.0 GPF - Private/Public					2	
Urinal, 2" integral trap greater than 1.0 GPF - Assembly					6	
Urinal, 1 1/2" exposed trap - Private/Public					2	
Urinal, 1 1/2" exposed trap - Assembly					5	
<b>WATER CLOSETS</b>						
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve - Private			1		3	
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve - Public					4	
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve - Assembly					6	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank / flushometer valve - Private					4	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank / flushometer valve - Public					6	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank / flushometer valve - Assembly					8	
<b>TOTALS</b>						

Contact Engineering Services for current System Development fee information

FORM PREPARED BY: Christian Vannoy DATE: 04/17/23

TEL: (619)957-3311

EMAIL: VannoyC11@gmail.com