

WATER

PRCNC20240424

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
Bathtub or combination bath/shower				2	4	8
Bidet - Private					1	
Clothes washer				3	4	12
Dental unit, cuspidor					1	
Dishwasher, domestic				1	1.5	1.5
Drinking fountain or water cooler - Private/Public				1	0.5	0.5
Drinking fountain or water cooler - Assembly					0.75	
Hose bib				1	2.5	2.5
Hose bib, each additional				7	1	7
Lavatory (bathroom sink)				46 10	1	46 10
Pedicure basin					1	
Shower, per head				37 1	2	74 2
SINKS						
Bar sink - Private					1	
Bar sink - Public				12 5	2	24 10
Clinic Faucet - Public					3	
Clinic flushometer valve with/without faucet - Public				2	8	16
Kitchen, domestic				33 6	1.5	49.5 9
Laundry				2	1.5	3
Service or mop basin - Private					1.5	
Service or mop basin - Public				4	3	12
Wash-up, each set of faucets - Public				3 4	2	6 8
Wash fountain, circular spray - Public					4	
URINALS					2	
Urinal, 1.0 GPF Flushometer valve - Public				1	4	4
Urinal, 1.0 GPF Flushometer valve - Assembly					5	
Urinal, greater than 1.0 GPF Flushometer valve - Public					5	
Urinal, greater than 1.0 GPF Flushometer valve - Assembly					6	
Urinal, flush tank – Private or Public					2	
Urinal, flush tank - Assembly					3	
WATER CLOSETS						
Water closet, 1.6 GPF Gravity tank/Flushometer tank – Private/Public				44 10	2.5	110 25
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, greater than 1.6 GPF Gravity tank – Private					3	
Water closet, greater than 1.6 GPF Gravity tank – Public					5.5	
Water closet, greater than 1.6 GPF Gravity tank – Assembly					7	
Water closet, greater than 1.6 GPF - Flushometer valve - Private					7	
Water closet, greater than 1.6 GPF - Flushometer valve - Public					8	
Water closet, greater than 1.6 GPF - Flushometer valve - Assembly					10	
TOTALS				60		408.5

130.5

Contact Engineering Services for current System Development fee information

FORM PREPARED BY: Richard Becker

DATE: 12/3/24

TEL: 763-585-6742

EMAIL: richardb@steeneng.com

City of Puyallup
Development
Engineering
ACCEPTED

ycharitou
01/17/2025
2:14:02 PM

CITY OF PUYALLUP
STATE OF WASHINGTON

SANITARY SEWER
Plumbing Fixture Plan Review

PRCNC20240424

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
Bathtub or combination bath/shower				2	2	4
Bidet – 1 ¼”					1	
Bidet – 1 ½”					2	
Clothes washer, domestic, 2” standpipe				3	3	9
Dental unit, cuspidor					1	
Dishwasher, domestic with independent drain				1	2	2
Drinking fountain or water cooler – Private/Public				1	0.5	0.5
Drinking fountain or water cooler – Assembly					1	
Floor drain				46 21	2	92 42
Food waste grinder – commercial				1	3	3
Lavatory, (bathroom sink)				46 10	1	46 10
Lavatory, (bathroom sink) sets of 2 or 3					2	
Pedicure basin					1	
Shower, single head				37 1	2	74 2
Shower, multi-head each additional					1	
Wash fountain, 1 ½”					2	
Wash fountain, 2”					3	
SINKS						
Bar sink - Private					1	
Bar sink – Public/Assembly				12 5	2	24 10
Clinic, 3” Public/Assembly				2	6	12
Commercial, 1 ½” with food waste				1	3	3
Kitchen, domestic 1 ½” (with/without food waste grinder/dishwasher – Private/Public				33 5	2	66 10
Laundry, 1 ½”				2	2	4
Service sink /Mop basin, 2”/3”				4	3	12
Service sink, flushing rim 3”					6	
Wash, each set of faucets – Public/Assembly				3 4	2	6 8
URINALS						
Urinal, 2” integral trap 1.0 GPF – Private/Public				1	2	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 ½” exposed trap – Private/Public					2	
Urinal, 1 ½” exposed trap – Assembly					5	
WATER CLOSETS						
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private				33 0	3	99 0
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public				11 10	4	44 40
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly					6	
Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private					4	
Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public					6	
Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly					8	
TOTALS				76		500.5

173.5

Contact Engineering Services for current System Development fee information

FORM PREPARED BY: Richard Becker

DATE: 12/3/24

TEL: 763-585-6742

EMAIL: richardb@steeneng.com

City of Puyallup
Development
Engineering
ACCEPTED

ycharitou
01/17/2025
2:14:02 PM

CITY OF PUVALUP
STATE OF WASHINGTON