#### WATER

### **Plumbing Fixture Plan Review**

PRDE20250395



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		•		•	4	
Bidet - Private					1	
Clothes washer					4	
Dental unit, cuspidor					1	
Dishwasher, domestic			1		1.5	1.5
Drinking fountain or water cooler - Private/Public			2		0.5	1
Drinking fountain or water cooler - Assembly					0.75	
Hose bib			1		2.5	2.5
Hose bib, each additional			21		1	21
Lavatory (bathroom sink)			15		1	15
Pedicure basin					1	
Shower, per head					2	
SINKS					_	
Bar sink - Private					1	
Bar sink - Public			12		2	24
Clinic Faucet - Public					3	
Clinic flushometer valve with/without faucet - Public					8	
Kitchen, domestic					1.5	
Laundry					1.5	
Service or mop basin - Private					1.5	
Service of mop basin - Public			1		3	3
Wash-up, each set of faucets - Public			35		2	70
Wash fountain, circular spray - Public					4	
URINALS					2	
Urinal, 1.0 GPF Flushometer valve - Public			6		4	24
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 -					6	
Assembly					U	
Urinal, flush tank – Private or Public					2	
Urinal, flush tank - Assembly					3	
WATER CLOSETS					3	
Water closet, 1.6 GPF Gravity tank/Flushometer tank –					2.5	
Private/Public					2.3	
Water closet, 1.6 GPF Gravity tank/Flushometer tank –			_		3.5	00
Assembly			8		2.0	28
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 –					7	
Assembly						
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve - Private					7	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve -					8	
Public Water placet greater then 1 6 CDE. Fluck greater value					10	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve - Assembly					10	
TOTALS			102			190
Ψ	1		1			

Contact 1	<u>Engineerin</u>	<u>g Services</u>	<u>for current S</u>	<u>vstem Develo</u>	opment fe	<u>ee information</u>
				•		

FORM PREPARED BY: Yianni Charitou 3/12/2025 DATE:

253-435-3612 TEL: \_

Rev 7/16

EMAIL: \_\_\_ycharitou@puyallupwa.gov

It is the responsibility of the applicant or property owner to retain a copy of this plumbing fixture worksheet and the utility service credit email to submit to the City for future building permit credit. Credit is only valid for a period of six years from the date of permit issuance.

City of Puyallup Development **Engineering** ACCEPTED

> ycharitou 04/07/2025 2:52:18 PM



# SANITARY SEWER

City of Puyallup
Development & Permitting Services
//SUED PERMIT
Building Planning
Engineering Public Works
Fire Traffic

PRDE20250395

### **Plumbing Fixture Plan Review**

## **System Development Charge Calculation Sheet Based on Fixture Unit Weight (FUW)**

Bathub or combination bath/shower     2	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
Biddet - 1 187	Bathtub or combination bath/shower					2	
Clothes washer, domestic, 2" standpipe	Bidet – 1 1/4"					1	
Dental unit, cuspidor	Bidet – 1 ½"					2	
Dental unit, cuspidor	Clothes washer, domestic, 2" standpipe					3	
Dishwasher, domestic with independent drain	* *					1	
Drinking fountain or water cooler - Assembly				1		2	2
Drinking fountain or water cooler - Assembly   6   2   12				2			1
Floor drain						1	
Food waste grinder - commercial   3   Lavatory, (bathroom sink)   1   Lavatory, (bathroom sink)   5   2   10   Pedicure basin   5   2   10   Pedicure basin   1   Shower, single head   2   Shower, multi-head each additional   1   Wash fountain, 1 ½"   2   2   Wash fountain, 1 ½"   2   2   2   Wash fountain, 2"   3   3   3   SINKS   Sarsink - Private   1   1   2   2   2   2   2   2   2   2	<u> </u>			6		2.	12
Lavatory, (bathroom sink)							
Lavatory, (bathroom sink) sets of 2 or 3   5   2   10     Pedicure basin   1   1     Shower, single head   2   2     Shower, multi-head each additional   1   1     Wash fountain, 1 ½"   2   2     Wash fountain, 2"   3   3     SINKS						1	
Pedicure basin   Shower, single head   Shower, single head   Shower, single head   Shower, single head   Shower, multi-head each additional   1				5		2	10
Shower, single head   2   Shower, multi-head each additional   1   Wash fountain, 1 ½"   2   2   Wash fountain, 1 ½"   2   2   Wash fountain, 2"   3   3   SINKS   SINKS   3   SINKS   3   SINKS   S						1	- 10
Shower, multi-head each additional   1						2	
Wash fountain, 1 ½"   2   3   3	<u> </u>						
SINKS							
SINKS	,						
Bar sink - Private   1						3	
Bar sink - Public/Assembly						1	
Clinic, 3" Public/Assembly				10			24
Commercial, 1 ½" with food waste   3	·			12			24
Kitchen, domestic 1 ½" (with/without food waste grinder/dishwasher – Private/Public   2							
grinder/dishwasher - Private/Public   Laundry, 1 ½"   2   Service sink / Mop basin, 2"/3"   1   3   3   Service sink / Mop basin, 2"/3"   1   3   3   Service sink, flushing rim 3"   6   6   Wash, each set of faucets - Public/Assembly   35   2   70   URINALS	,						
Laundry, 1 ½"   2   Service sink /Mop basin, 2"/3"   1   3   3   Service sink / flushing rim 3"   6   6   70   70						2	
Service sink /Mop basin, 2"/3" Service sink, flushing rim 3"  Wash, each set of faucets – Public/Assembly  Urinal, 2" integral trap 1.0 GPF – Private/Public  Urinal, 2" integral trap 1.0 GPF – Assembly  Urinal, 2" integral trap greater than 1.0 GPF – Private/Public  Urinal, 2" integral trap greater than 1.0 GPF – Assembly  Urinal, 2" integral trap greater than 1.0 GPF – Assembly  Urinal, 1½" exposed trap – Private/Public  Urinal, 1½" exposed trap – Assembly  WATER CLOSETS  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly	Ü					_	
Service sink, flushing rim 3"  Wash, each set of faucets – Public/Assembly  URINALS  Urinal, 2" integral trap 1.0 GPF – Private/Public  Urinal, 2" integral trap 1.0 GPF – Assembly  Urinal, 2" integral trap greater than 1.0 GPF – Assembly  Urinal, 2" integral trap greater than 1.0 GPF – Assembly  Urinal, 2" integral trap greater than 1.0 GPF – Assembly  Urinal, 2" integral trap greater than 1.0 GPF – Assembly  Urinal, 1½" exposed trap – Private/Public  Urinal, 1½" exposed trap – Assembly  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly  TOTALS	•						
Wash, each set of faucets – Public/Assembly  URINALS  Urinal, 2" integral trap 1.0 GPF – Private/Public Urinal, 2" integral trap 1.0 GPF – Assembly Urinal, 2" integral trap greater than 1.0 GPF – Private/Public Urinal, 2" integral trap greater than 1.0 GPF – Private/Public Urinal, 2" integral trap greater than 1.0 GPF – Assembly Urinal, 1½" exposed trap – Private/Public Urinal, 1½" exposed trap – Assembly  WATER CLOSETS  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly  TOTALE				1			3
Urinal, 2" integral trap 1.0 GPF – Private/Public Urinal, 2" integral trap greater than 1.0 GPF – Assembly Urinal, 2" integral trap greater than 1.0 GPF – Private/Public Urinal, 2" integral trap greater than 1.0 GPF – Assembly Urinal, 2" integral trap greater than 1.0 GPF – Assembly Urinal, 1" exposed trap – Private/Public Urinal, 1 '2" exposed trap – Assembly  WATER CLOSETS Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly  TOTALE				0.5			70
Urinal, 2" integral trap 1.0 GPF – Private/Public Urinal, 2" integral trap 1.0 GPF – Assembly Urinal, 2" integral trap greater than 1.0 GPF – Private/Public Urinal, 2" integral trap greater than 1.0 GPF – Assembly Urinal, 2" integral trap greater than 1.0 GPF – Assembly Urinal, 1½" exposed trap – Private/Public Urinal, 1½" exposed trap – Private/Public Urinal, 1½" exposed trap – Assembly  WATER CLOSETS Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly  TOTAL S				35		2	70
Urinal, 2" integral trap 1.0 GPF – Assembly Urinal, 2" integral trap greater than 1.0 GPF – Private/Public Urinal, 2" integral trap greater than 1.0 GPF – Assembly Urinal, 2" integral trap greater than 1.0 GPF – Assembly  Urinal, 1 ½" exposed trap – Private/Public Urinal, 1 ½" exposed trap – Assembly  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly							40
Urinal, 2" integral trap greater than 1.0 GPF – Private/Public  Urinal, 2" integral trap greater than 1.0 GPF – Assembly  Urinal, 1 ½" exposed trap – Private/Public  Urinal, 1 ½" exposed trap – Assembly  Urinal, 1 ½" exposed trap – Assembly  WATER CLOSETS  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public				6			12
Urinal, 2" integral trap greater than 1.0 GPF – Assembly  Urinal, 1 ½" exposed trap – Private/Public  Urinal, 1 ½" exposed trap – Assembly  **WATER CLOSETS**  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly  **TOTAL C.**  **TOTAL						5	
Urinal, 1 ½" exposed trap – Private/Public  Urinal, 1 ½" exposed trap – Assembly  **WATER CLOSETS**  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly						2	
Urinal, 1 ½" exposed trap – Assembly  WATER CLOSETS  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly  TOTAL S	Urinal, 2" integral trap greater than 1.0 GPF – Assembly					6	
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly  TOTALS	Urinal, 1 ½" exposed trap – Private/Public					2	
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Private  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly	Urinal, 1 1/2" exposed trap – Assembly					5	
State   Closet, 1.6 GPF Gravity tank   flushometer tank   State   St	WATER CLOSETS						
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly	Water closet, 1.6 GPF Gravity tank / flushometer tank /					3	
flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly  TOTALS	flushometer valve – Private						
flushometer valve – Public  Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly	Water closet, 1.6 GPF Gravity tank / flushometer tank /			8		4	32
flushometer valve – Assembly  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly	flushometer valve – Public			Ü			02
Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / flushometer valve – Assembly						6	
flushometer valve – Private  Water closet, greater than 1.6 GPF Gravity tank / 6 flushometer valve – Public  Water closet, greater than 1.6 GPF Gravity tank / 8 flushometer valve – Assembly	flushometer valve – Assembly						
Water closet, greater than 1.6 GPF Gravity tank / 6 flushometer valve – Public Water closet, greater than 1.6 GPF Gravity tank / 8 flushometer valve – Assembly						4	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank / 8 flushometer valve – Assembly	Water closet, <i>greater</i> than 1.6 GPF Gravity tank /					6	
flushometer valve – Assembly						8	
TOTALS	<b> </b>						
	·			70			400
				76			166

Contact Engineering Service	es for current System Develo	opment fee information
	Vianni Charitou	

DATE: 3/12/2025

Development Engineering ACCEPTED

City of Puyallup

FORM PREPARED BY: Yianni Charitou

253-435-3612

EMAIL: ycharitou@puyallupwa.gov

04/07/2025 2:52:25 PM

ycharitou



It is the responsibility of the applicant or property owner to retain a copy of this plumbing fixture worksheet and the utility service credit email to submit to the City for future building permit credit. Credit is only valid for a period of six years from the date of permit issuance.

TEL: