

Project: Good Sam Cart Washer  
 By: Sean Riley  
 Date: 6/28/2024  
 Calc: Cart Washer Fixture Units



PRCTI20240804

**City of Puyallup  
 Development  
 Engineering  
 ACCEPTED**

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 08/01/2024  
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From hospital 25-30 cycles per day, assume 28  
 Pure water can replace hot water for some cycles, but water use is the same.

	Cold Water Use	Hot Water Use	RO Water Use
First Cycle	46	50	0
All Other Cycles	46	14	0
Total	1288	428	0
Total water used	1716	gallons/day	
GPM	1.2	gallons/minute	

**Average over the day is 1 fixture unit.**

Peak Water Use	CW (GPM)	HW (GPM)	RO Water (GPM)
	38.5	35	28

**Using Chart A 103.1(2) estimated curves for demand load =25 Fixture Units**

Average the fixture units based on peak flow and total water usage

<b>13</b>	<b>Fixture Units</b>
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