

City Meter Payback Period

Following are the extra costs incurred based upon sharing a city meter:

The first 3 assume you use at least the base units. If you use less, than your payback will be a little longer.

	# Months	1/2 Base Units	Rate for Months	1/2 Base Fee	Annual Extra Costs																								
Low Months	4 x[(3 x	\$1.50)-	\$2.605]=	\$7.58																								
Medium Months	4 x[(3 x	\$1.77)-	\$2.605]=	\$10.82																								
High Months	4 x[(5 x	\$2.24)-	\$2.605]=	\$34.38																								
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 10%;"></th> <th style="width: 10%; text-align: center;">1/2 Tax on a Shared 1" Meter</th> <th style="width: 10%; text-align: center;">Tax on an Unshared 5/8" Meter</th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>Jail Tax/Stormwater Charge</td> <td style="text-align: center;">12 x(</td> <td style="text-align: center;">\$1.505 -</td> <td style="text-align: center;">\$1.20)</td> <td style="text-align: center;">=</td> <td style="text-align: center;">\$3.66</td> </tr> <tr> <td>Submeter Reading & Billing Fee</td> <td style="text-align: center;">6 x</td> <td></td> <td></td> <td style="text-align: center;">\$3.95 =</td> <td style="text-align: center;">\$23.70</td> </tr> <tr> <td colspan="5">Total Extra Costs per Year based upon sharing a City Meter:</td> <td style="text-align: center; border-top: 1px solid black;">\$80.14</td> </tr> </tbody> </table>								1/2 Tax on a Shared 1" Meter	Tax on an Unshared 5/8" Meter			Jail Tax/Stormwater Charge	12 x(\$1.505 -	\$1.20)	=	\$3.66	Submeter Reading & Billing Fee	6 x			\$3.95 =	\$23.70	Total Extra Costs per Year based upon sharing a City Meter:					\$80.14
		1/2 Tax on a Shared 1" Meter	Tax on an Unshared 5/8" Meter																										
Jail Tax/Stormwater Charge	12 x(\$1.505 -	\$1.20)	=	\$3.66																								
Submeter Reading & Billing Fee	6 x			\$3.95 =	\$23.70																								
Total Extra Costs per Year based upon sharing a City Meter:					\$80.14																								

Following is a payback calculation based upon an estimated cost of a City Meter:

City Meter Installation Cost:	\$2,000	/	2 if neighbor shares costs	=	\$1,000
Subtract alternative cost for a submeter				-	\$162.15
					\$837.85

$$\$837.85 / \$80.14 = 10.45482905 \text{ years}$$

Double it if neighbor will not share cost
Adjust appropriately for actual City Meter Installation Cost

Note: There are other significant ways in which installation of a City Meter pays for itself over time:

- Submeters will eventually have to be replaced at your cost.
- Sewer charges are higher for a shared versus a non-shared city meter.