

# CITY OF MERCER ISLAND

## COMMUNITY PLANNING & DEVELOPMENT

9611 SE 36TH STREET | MERCER ISLAND, WA 98040

PHONE: 206.275.7605 | [www.mercergov.org](http://www.mercergov.org)

Inspection Requests: Online: [www.mybuildingpermit.com](http://www.mybuildingpermit.com) VM: 206.275.7730



### Residential Water Meter Sizing Worksheet

|               |                |
|---------------|----------------|
| Owner's Name: | Main Permit #  |
| Site Address: | Water Permit # |

| Fixture Type                                  | Number of Fixtures  |          |                | Fixture Units | Total Units |
|---|---|----------|----------------|---------------|-------------|
|   | New<br><small>(For replacement, list as existing)</small> | Existing | Total Fixtures |               |             |
| Bathtub or Combination Bath/Shower            |   |          |                | x 4           | =           |
| 3/4" Bathtub Fill Valve (Soaker Tubs)         |   |          |                | x 10          | =           |
| Shower (per head)                             |   |          |                | x 2           | =           |
| Sink  |   |          |                | x 1           | =           |
| Toilet  |   |          |                | x 2.5         | =           |
| Bidet   |   |          |                | x 1           | =           |
| Kitchen Sink                                  |   |          |                | x 1.5         | =           |
| Dishwasher                                    |   |          |                | x 1.5         | =           |
| Bar Sinks & Ice Makers                        |   |          |                | x 1           | =           |
| Clothes Washer                                |   |          |                | x 4           | =           |
| Laundry Sink                                  |   |          |                | x 1.5         | =           |
| Drinking Fountain                             |   |          |                | x 0.5         | =           |
| Hose Bibs (first)                             |   |          |                | x 2.5         | =           |
| Each additional                               |   |          |                | x 1           | =           |
| Lawn Sprinkler Heads-Max # In Use at One Time |   |          |                | x 1           | =           |
| Other:  |   |          |                | x 0           | =           |
| <b>TOTAL UNITS</b>                            |   |          |                |               | =           |

|   |  |
|---|--|
| <i>For Official Use Only</i>  |  |
| <b>REQUIRED SERVICE SIZE</b>  |  |
| <b>Requirements are based per 2018 U.P.C., Chapter 6, Table 610.4</b>                         |  |
| Existing Meter Size:  | Meter Number:  |
| Upsize: <input type="checkbox"/> Yes <input type="checkbox"/> No    If yes the code requires: | <input type="checkbox"/> 5/8" <input type="checkbox"/> 3/4" <input type="checkbox"/> 1" <input type="checkbox"/> 1 1/2" <input type="checkbox"/> 2" <input type="checkbox"/> Larger: |
| Map Page & Hydrant #:   | Required Supply Line Size:   |
| Distance from meter to farthest<br>Fixture outlet (in feet):                                  | Required Service Line Size:<br>(from water main to meter)  |
| Known Static Pressure:<br><small>(Otherwise use 65lb/in)</small>                              | REQUIRED METER SIZE:   |
| Height difference (in feet):  | * Pressure Reducing valve required: <input type="checkbox"/> Yes <input type="checkbox"/> No   |
| Minus if Building Higher – x .5   |  |
| Building Design P.S.I.  |  |

\*Pressure Reducing valve is required if the known water pressure is in excess of 80 psi.