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**IMPORTANT INFORMATION REGARDING TCWD'S RESIDENTIAL
WATER METER DOWNSIZING PROGRAM**

January 6, 2025

Dear Trabuco Canyon Water District (TCWD) Customer:

This notice is being sent to inform you of important changes to and upcoming deadlines for TCWD's Meter Downsizing Program. The residential Meter Downsizing Program has been available since November 2023 to help eligible customers save on their monthly water bills by changing to a smaller water meter. Based on customer feedback, the TCWD Board of Directors approved changes to the Meter Downsizing Program in December 2024 that will further simplify the application process and protect customers.

Summary of Changes: The Meter Downsizing Program application has been condensed to a single page (not including the downsizing worksheet) and the prior indemnity provisions have been removed. TCWD is also requiring applicants with fire sprinkler systems to have a professional civil or mechanical engineer review their application in addition to the existing requirement of obtaining approval from the Orange County Fire Authority.

Important Deadline: Customers that submit Meter Downsizing applications on or before **February 17, 2025** are eligible for an account adjustment for the difference in meter service charges since the rates effective July 1, 2023 to the date of meter change out, if their applications are approved.

Enclosed is a copy of the revised application packet, including the new Application for Water Meter Downsizing form and the Water Meter Downsizing Worksheet. The forms and additional information regarding meter downsizing can also be accessed on TCWD's website by following this link: [TCWD Meter Downsizing Program](#).

TCWD's customer service representatives are ready to answer questions and provide assistance. Please visit TCWD's website or contact Customer Service directly at 949-858-0277.

Sincerely,

A handwritten signature in black ink that reads "F. Paludi".

Fernando Paludi
General Manager
Trabuco Canyon Water District



For TCWD Staff Use Only	
Received date:	Approved date:
	Installation date:

APPLICATION FOR WATER METER DOWNSIZING

Property Owner Name(s): _____

Property Service Address: _____

Assessor Parcel Number: _____ Phone: _____

Account Number: _____ Email: _____

**Does Property contain a Fire Suppression System?
(e.g. sprinklers)***

YES NO

*If YES, a professional engineer's review and Orange County Fire Authority approval is required.

Current Meter Size: _____-inch

Requested Meter Size:

3/4" 1" 1 1/2"

REQUEST: Owner hereby requests that the Trabuco Canyon Water District ("TCWD") install a _____-inch water meter in place of the current _____-inch water meter (the "**Meter Downsizing**"). The Meter Downsizing will result in a lower monthly meter fee, but will also result in a lower rate of water flow to the Property.

OWNER ACKNOWLEDGMENT AND DECLARATION. I declare, under penalty of perjury, that I am the Owner, or authorized agent of the Owner, of the Property identified above and that the information provided here is accurate and true to the best of my knowledge.

I understand that it is my responsibility to determine that the requested water meter size will provide adequate flow and pressure for the Property. I acknowledge that the lower rate of water flow to the Property resulting from the Meter Downsizing may impair the effectiveness or operation of any fire sprinkler system or other water systems. I acknowledge that TCWD has disclaimed any responsibility for evaluating the impact of the Meter Downsizing on the Property, including any fire sprinkler system. I have been advised to consult with a civil or mechanical engineer to confirm that the Meter Downsizing is adequate for the demands of the Property.

I understand that any future upsizing of the meter will be at the owner's cost. I hereby waive any claims against and release TCWD from any liability arising out of or relating to the Meter Downsizing, including any change in water pressure or flow; but TCWD will remain responsible for any damages caused by TCWD arising out of the installation process. I acknowledge that without this release, TCWD would not allow for the Meter Downsizing.

Property Owner Signature: _____

Print Name: _____ Date: _____



WATER METER DOWNSIZING WORKSHEET
(SINGLE FAMILY RESIDENTIAL USE)
According to UPC-2022 – Appendix A

The following worksheet is intended to estimate a minimum meter size and must be completed with the required information regarding type and number of fixtures served by the meter.

TCWD recommends that the applicant seek the advice of a qualified civil or mechanical engineer to be sure that any reduction in meter size is appropriate for their particular property.

Instructions for Sizing Water Meter:

To estimate the minimum meter size under the California Plumbing Code:

Step 1: In Table 1, insert in Column 2 (“Number of Fixtures”) the number of each type of fixture shown in Column 1.

Step 2: In Table 1, multiply Column 2 by Column 3 (“Fixture Value”) and insert that value in Column 4 (“Total Fixture Valve Units”).

Step 3: In Table 1, total the values in Column 4 to get “Total Fixture Units” at the bottom.

Step 4: In Table 2, identify the “Recommended Meter Size” that corresponds to the range of “Total Fixture Units” for the subject property.

Miscellaneous on-site water demands that may affect the size of the meter:

Additional information and analysis may be required to determine minimum water meter size for a property with additional on-site water demands or equipment.

Please check all that apply:

- Animal Husbandry - Animals raised such as chickens, goats, cows, or other livestock including day-to-day care.
- Dog/Cat daycare and boarding facility
- Ponds that are connected to the water supply and require aeration.
- Decorative Fountains and Waterscapes
- Pool and/or spa
- Horse Stables
- Irrigation of crops, pastureland, and/or fruit trees
- Aquaculture (Fish Farm)
- Fire Suppression (mounted sprinkler system on roof top)
- On-site pumps, tanks, or other related equipment to pump water to property
- Other (Specify) _____



WATER METER DOWNSIZING WORKSHEET
(SINGLE FAMILY RESIDENTIAL USE)
 According to UPC-2022 – Appendix A

Service Address: _____ Account Number: _____

Date: _____

Table 1

Column 1	Column 2	Column 3	Column 4
Appliance, Appurtenances or Fixtures	Number of Fixtures	Fixture Value	Total Fixture Value Units
Bathtub or Tub w/Shower	_____ x	4.0	= _____
Shower Only (per head)	_____ x	2.0	= _____
Clothes Washer	_____ x	4.0	= _____
Dishwasher	_____ x	1.5	= _____
Hose Bib/Spigot	_____ x	2.5	= _____
Hose Bib/Spigot, Each Additional	_____ x	1.0	= _____
Bar Sink	_____ x	1.0	= _____
Kitchen Sink	_____ x	1.5	= _____
Laundry Sink	_____ x	1.5	= _____
Bathroom/Lavatory Sink	_____ x	1.0	= _____
Urinal or Bidet	_____ x	2.0	= _____
Toilet (1.28 gpf*)	_____ x	2.0	= _____
Toilet (1.6 gpf)	_____ x	2.5	= _____
Toilet (>1.6 gpf)	_____ x	3.0	= _____
*gallons per flush		TOTAL	_____

Table 2

Total Fixture Units	Recommended Meter Size
0 – 39 Units	¾" meter
39.5 – 85 Units	1" meter
85.5 – 151 Units	1-½" meter
151.5 – 370 Units	2" meter