



June 29, 2026

Valerie Pryor
General Manager
Zone 7 Water Agency

RE: Equivalent Maximum Continuous Flow Data for Kamstrup Flow IQ2200

Dear Ms. Pryor,

Attached is a letter from Kamstrup, the manufacturer of the FLOWIQ® 2200 ultrasonic water meter, providing the continuous flow performance information for the 5/8-inch, 3/4-inch, and 1-inch meter models proposed by the City.

As discussed in the City's April 27, 2026 letter, ultrasonic water meters are manufactured and tested in accordance with AWWA C715, which does not define a "maximum continuous flow" parameter comparable to that used for displacement meters. Kamstrup has advised the City that, for the FLOWIQ® 2200 meter, the flow rate designated as Q3 under ISO 4064 represents the equivalent maximum continuous flow for design and evaluation purposes.

Based on the technical information provided by Kamstrup, the City believes that the proposed Model 8B (5/8-inch), Model 8C (3/4-inch), and Model 8D (1-inch) FLOWIQ® 2200 meters satisfy Zone 7's connection fee requirements reflected in Zone 7's June 16, 2026 Connection Fee Schedule. For ease of reference, a comparison of the applicable continuous flow ratings for traditional displacement meters and the proposed Kamstrup ultrasonic meters is provided in the table below.

Meter Size	Displacement Meter Maximum Continuous Flow (US gpm)	Kamstrup Flow IQ2200 Equivalent Maximum Continuous Flow (US gpm)	Evaluation
5/8"	10	7.04	Q3 (7.04 gpm) is equivalent to maximum continuous flow per ISO 4064 §4.1 and the meter manufacturer; satisfies Zone 7 requirement
3/4"	15	11.0	Q3 (11.0 gpm) is equivalent to maximum continuous flow per ISO 4064 §4.1 and the meter manufacturer; satisfies Zone 7 requirement

P.O. Box 520, Pleasanton, CA 94566-0802

123 Main Street

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(925) 931-5002
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City Attorney
(925) 931-5015
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Economic Development
(925) 931-5038
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City Clerk
(925) 931-5027
Fax: 931-5492

1"	25	17.6	Q3 (17.6 gpm) is equivalent to maximum continuous flow per ISO 4064 §4.1 and the meter manufacturer; satisfies Zone 7 requirement
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The City therefore concludes that the proposed FLOWIQ® 2200 meters satisfy the applicable flow capacity requirements in Zone 7's Connection Fee Schedule and meet the hydraulic equivalency requirement of the Settlement Agreement dated July 17, 2025.

Siew-Chin Yeong
Siew-Chin Yeong, P.E.
Director of Public Works

Encl: 2026.06.26 Kamstrup Letter_Max Continuous Flow Confirmation

Cc: Joe Calabrigo, Interim City Manager
Alexa Jeffress, Assistant City Manager
Chris Hentz, Assistant General Manager

June 26, 2026

Siew-Chin Yeong, P.E.
Director of Public Works
City of Pleasanton
3333 Busch Road
Pleasanton, CA 94566

Ref: Kamstrup Meter Spec

Dear Siew-Chin,

It is my understanding the City is looking for manufacturer data for all the meter sizes it is installing in the contract particularly Model 8B (5/8"), Model 8C (3/4"), and Model 8D (1") in order to verify Q3 (permanent flow rate) and Q4 (overload flow). I have attached herein the data sheet for these models.

Per ISO Standard 4064 Section 4.1:

Permanent flow rate Q3 is the highest flow rate within the rated operating conditions at which the water meter is required to operate in a satisfactory manner within the maximum permissible error.

U.S. Model	Nominal Size	European flowIQ® Equivalent	Q3 (US gpm)	Q4 (US gpm)
Model 8B	5/8"	1A (Q3 = 1.6 m³/h)	7.04	8.80
Model 8C	3/4"	2A (Q3 = 2.5 m³/h)	11.0	13.75
Model 8D	1"	4A (Q3 = 4.0 m³/h)	17.6	22.0

Therefore, Q3 shall be considered equivalent to maximum continuous flow for design and evaluation purposes. These flow rates are also in conformance with the AWWA C715 standards and maintain a warranty for accuracy across all ranges of flow measurement.

We are committed to providing the City of Pleasanton with high quality customer service. If you have any questions or concerns, please do not hesitate to contact me using the information below.

Sincerely,

Jess S Bromley
VP Sales, Americas
Kamstrup Water Metering
Email: jeby@kamstrup.com
Phone: (216) 308-3517

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JUL 07 2026

CITY CLERK OFFICE



Pleasanton, CA 94566

June 4, 2026

City of Pleasanton Mayor Jack Balch

Pleasanton Council Members

Craig Eicher; Matt Gaidos; Jeff Nibert Julie Testa

Dear Councilmembers,

I am concerned about the bright illuminated signs on First Street, which do not seem consistent with the heritage character of our city.

As a member of the Civic Arts Commission during the 1990s and early 2000s, I worked closely with development of the Downtown Specific Plan. In my view, these brightly lit signs are more appropriate as beacons for truck stops along long, isolated stretches of highway than for a historic downtown setting.

I encourage you to consider this issue from the perspective of residents who live near First Street. Those of us who live in the area do not need highly visible signs to alert us that there is a gas station on two of the four corners of the intersection.

Please consider requiring less intrusive signage that is more in keeping with the character and heritage of our community.

Sincerely,

Joan Tenbrink

Former Civic Arts Commissioner