

From: Luke Coletti [<mailto:ljc@groknet.net>]
Sent: Thursday, March 09, 2017 3:25 PM
To: O'Hagan, John@Waterboards
Subject: MPWMD - RULE 24 - CALCULATION OF WATER USE CAPACITY.

Hello Mr O'Hagan,

MPWMD Rule 24 (link below) describes the District's methodologies for estimating a site's approximate annual "Water Use Capacity" in acre-feet.

<http://www.mpwmd.net/rules/Rule24.pdf>

All District water accounting is computed in acre-feet. However, the District uses different methodologies depending on whether it's a residential or commercial use.

(A) - For residential uses the District uses "Fixture Units" with one fixture unit being equivalent to 0.01 acre-feet (per year) of water. I believe the intent was to make the residential accounting scheme easier for people to understand by avoiding fractional values as much as possible. The conversion to acre-feet is done by the District, not by the applicant but in the end everything is accounted for in acre-feet.

Here's a link to the District's RESIDENTIAL WATER RELEASE FORM AND WATER PERMIT APPLICATION:
<http://www.mpwmd.net/wp-content/uploads/MPWMD-Residential-Water-Release-Permit-Application-Revised-0914.pdf>

(B) - For commercial (non-residential) uses the District uses "Use Factors" which are directly expressed in acre-feet (per year).

Here's a link to the District's NON-RESIDENTIAL WATER RELEASE FORM AND WATER PERMIT APPLICATION:
<http://www.mpwmd.net/wp-content/uploads/MPWMD-Non-Residential-Water-Application-20140721.pdf>

In the end, everything is done (permits/credits/debits, etc) in acre-feet.

More information regarding the permitting process can be found here:
<http://www.mpwmd.net/wp-content/uploads/Water-Permit-Information-Revised-20160701.pdf>

Best regards,

Luke Coletti
Pacific Grove