

## **Rule 10 Groundwater Production Limits**

### ***Rule 10.1 Preamble***

Rule 10 limits the production of groundwater as authorized by the District's Enabling Legislation and Texas Water Code Sections 36.101 and 36.116. This method of limiting groundwater is appropriate based on the hydrogeological conditions of the aquifers in the District and is consistent with the District's comprehensive Groundwater Management Plan developed and adopted under Texas Water Code Section 36.1071.

*Adopted May 17, 2005 by Board Order; effective May 17, 2005.*

### ***Rule 10.2 Production Limits for All Wells Requiring an Operating Permit***

**10.2.A.** The District shall set production limits on all wells requiring an operating permit under Rule 3.5. during the permitting process set out in Rule 3. Production limits shall comply with the limits enumerated within this rule, if applicable. Maximum production rates may be limited in the Operating Permits based on the evaluation of the studies that may be required to be submitted with the permit application in Rule 3.3(a) to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or the reduction of artesian pressure, including but not limited to enforce the adopted desired future conditions of the aquifer(s), and lessen interference between wells.

**10.2.B.** These production limits shall be established on the basis of beneficial use without waste. Establishing a production limit on the basis of beneficial use without waste shall be based on, in the following order:

- (1) a demonstration of beneficial use without waste based on industry standards of water use for the same purpose;
- (2) a demonstration of compliance with Rule 10.3, if applicable;
- (3) a demonstration that the purpose of use and production amount are consistent with the approved District Management Plan;
- (4) a consideration of other sources of water available for the requested use and production amount; and
- (5) the well's production capability, which shall be verified by the District and the permit shall be adjusted accordingly.

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**10.2.C.** A maximum production limit on a well in an operating permit shall not exceed 1.0 acre-feet/acre/year, but may be less than that amount based on the considerations of 10.2.A. and 10.2.B.

*Adopted May 17, 2005 by Board Order; effective May 17, 2005. Amended May 20, 2008, by Board Order 2008-007; effective May 23, 2008. Amended August 9, 2010 by Board Order 2010016; effective August 12, 2010. Amended June 10, 2019 by Board Order 2019-001; effective June 10, 2019.*

### **Rule 10.3 Production Limits for Wells Supplying Community Water Systems and Retail Water Utilities**

For a community water system or a retail public water utility, which utilizes groundwater as a source of supply, the beneficial use without waste requirement of Rule 10.2 shall be based on one single family residential unit connection per four (4) acres of service area taking into consideration other sources of water available for the requested use. This Rule applies to new wells supplying groundwater to a community water system or retail public water utility and to existing wells if, after May 23, 2008 the community water system increases the number of connections it serves or the retail public water utility increases its service area.

*Adopted May 17, 2005 by Board Order; effective May 17, 2005. Amended September 12, 2005 by Board Order 2005-007; effective September 14, 2005. Amended May 20, 2008, by Board Order 2008-007; effective May 23, 2008. Amended August 9, 2010 by Board Order 2010-016; effective August 12, 2010.*

### **Rule 10.4 Production Limits for New Domestic or Livestock Wells Incapable of Producing More Than 25,000 Gallons Per Day**

#### **10.4.A. Applicability**

This Rule 10.4 applies to a new well used for domestic or livestock purposes, as these terms are defined in Rule 2, and which is incapable of producing more than 25,000 gallons per day.

**10.4.B.** A well subject to this Rule 10.4 shall not be drilled on a tract or property of less than six (6) acres. There shall not be another water well located on the same six acres. Recognizing that a subdivision using groundwater as a source of potable water and platted before May 17, 2005 may include tracts smaller than six (6) acres, this Rule 10.4.B is modified for such existing subdivisions as follows. In an existing subdivision, tracts of six (6) acres or

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larger shall comply with the one well per six (6) acre tract restriction. Wells shall be limited on tracts smaller than six (6) acres to no more than one well per tract.

**10.4.C.** This Rule 10.4.C applies to a well subject to the six-acre tract size restriction of Rule 10.4.B that is located within a subdivision that uses groundwater as a source of potable water and that is platted after May 17, 2005. The six (6) acre restriction shall be modified so that the total number of wells located in the subdivision, or section thereof, shall be no more than the total acres in the subdivision, or section thereof, divided by six. When computing the average density of wells for compliance with this Rule 10.4.C, the owner may include in the area calculation all property within the subdivision. This includes all lots, easements, roadways, park areas, dedications, and common areas under common ownership.

**10.4.D.** Rule 10.4 applies to wells located in subdivisions and on land described in abstract and survey. A parcel or tract of land shall only have one domestic or livestock well per six acres. The total number of wells located on the parcel or tract shall be no more than the total acreage of the tract divided by six.

*Adopted May 17, 2005 by Board Order; effective May 17, 2005. Amended August 20, 2007 by Board Order 2007-029; effective August 23, 2007. Amended August 9, 2010 by Board Order 2010-016; effective August 12, 2010.*