

7.7.33

CULINARY WATER SYSTEM

7.7.33.1

Culinary water shall be provided by a public culinary water company if a water company has water lines within 1000 feet of the lot and **the water company is willing to provide water.** Proof of contacting the closest water company shall be provided that shall indicate:

7.7.33.1.1

The water company will provide water to the proposed development lots,

7.7.33.1.2

OR, the water company will not provide water to the proposed development lots and the reason why.

7.7.33.2

If a culinary water company will not provide water to the building site(s), then private wells may be utilized to provide drinking water according to the following provisions:

7.7.33.2.1

Lots to be served by private deep wells (confined aquifers) -

For lots receiving water from a private confined aquifer (a "deep well" in which water is tapped from an aquifer that has a 30 foot layer of confining clay above it), the well water must meet the U.S. Environmental Protection Agency standards for non-community water systems for coliform bacteria, nitrates and sulfates.

7.7.33.2.2

Lots to be served by private shallow wells (unconfined aquifers) -

Shallow wells which receive water from an unconfined aquifer (one that does not have a 30 foot layer of confining clay above it) must be placed at least 200 feet from any property line, any on-site soil absorption sewerage disposal system, or any other point source of contamination such as a feed yard, manure pile, or salt pile. In addition, the well water from these wells must either:

7.7.33.2.2.1

meet the standards for coliform bacteria, nitrates and sulfates, inorganics, organics, and pesticides that the U.S. Environmental Protection Agency has established for non-community water systems,

7.7.33.2.2.2

OR, be treated with a reverse osmosis unit or its equivalent and a chlorinator with a retention time of 30 minutes.

7.7.33.2.3

Determination of whether well water meets the standards mentioned above must be done through tests conducted by a certified lab in accordance with procedures established by the Health Department. All costs of testing must be covered by the developer.

7.7.33.3

The culinary water delivery system shall extend to the property line of every lot and shall be capable of delivering the flows and pressures as required. All water mains shall be a minimum of 6 inches in diameter.