

Water Sources

Existing Water Sources

Well #1

- Location: See map on back
- Constructed in 1946
- Well Depth: 128 feet
- Max Pump Flow Rate: 300 gallons per minute (gpm)
- Status: Active

Well #2

- Location: See map on back
- Constructed in 1960
- Well Depth: 315 feet
- Max Pump Flow Rate: 420 gallons per minute (gpm)
- Status: Active

Well #3

- Location: See map on back
- Constructed in 1978
- Well Depth: 400 feet
- Max Pump Flow Rate: 450 gallons per minute (gpm)
- Status: Inactive-high nitrates

State Water Resources Control Board (SWRCB) Violation - October 4, 2016

On October 4, 2016, the City received a Compliance Order from the SWRCB. Due to the lack of redundancy in the City's water system (ie- the ability to cover the maximum daily demand if Well #2 is taken offline), the City was directed to provide additional source capacity (one or more new wells) to meet the projected Maximum Day Demand (1.4 times the Average Daily Demand)

including anticipated development and submit a Source Capacity Planning Study to demonstrate adequate source capacity into the future. New source water must comply with all state and federal water quality standards. No new water connections will be allowed until the state directives are met.

2015 Average Daily Demand: ~200,225 gpd

Projected Average Daily Demand*: ~265,065 gpd

Projected Maximum Day Demand*: ~371,091 gpd

Projected Well 1, 4, & 5 Production*: ~414,000 gpd

*Projections include anticipated development

**gpd=gallons per day

Additional Source Capacity - New Wells

Prior to receiving the Compliance Order, the City was already pursuing additional source capacity: Well #4 and Well #5. Well #5 will replace Well #2, but Well #1, #4, and #5 will meet and exceed the redundancy and source capacity requirements from the state for both current and future demand.

Well #4

- Location: See map on back
- Target Construction Date: Spring 2017
- Well Depth: 600 feet
- Max Pump Flow Rate: ~400+ gpm*

*gpm=gallons per minute

Well #5

- Location: See map on back
- Target Construction Date: Spring 2017
- Well Depth: 600 feet
- Max Pump Flow Rate: ~400+ gpm*

Bottom line: With the added source capacity/redundancy we will be obtaining in early 2017, as well as the overall drop in demand due to conservation, we have more than adequate water supplies to meet current demand and the additional demand from the proposed developments.

Water Source Map

