

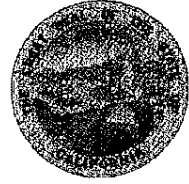
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California
Department of
Health Services

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Director

State of California—Health and Human Services Agency
Department of Health Services



GRAY DAVIS
Governor

August 19, 2003

Mr. Kyle Kollar, Community Development Director
Community Development Department
City of Manteca
1001 W. Center Street
Manteca, CA 95337

**MANTECA GENERAL PLAN 2023-DRAFT ENVIRONMENTAL IMPACT REPORT
SCH #2002042088**

Groundwater in the area is recharged by proximity to the Delta, irrigation of agricultural land, and infiltration from streams flowing west out of the Sierra Nevada. A number of Manteca's wells have chemical contamination due to the source of recharge water. Wells 10, 13, and 18 require quarterly monitoring for DBCP and EDB; Wells 8, 9, and 23 require annual monitoring for DBCP and EDB; GAC treatment units were installed at Well 17 due to exceedance of the DBCP and EDB MCL; and Well 11 was destroyed due to a drop in yield once the EDB contaminated strata was sealed off. Wells 5, 8, 10, and 23 have had problems with nitrate being at or above the MCL; Well 5 requires weekly nitrate monitoring; Wells 8, 10, and 23 require monthly monitoring for nitrate; and Wells 9, 12, and 13 require quarterly monitoring for nitrate to track the high concentrations. Well 14 was placed on standby due to exceedance of the manganese MCL and Wells 20 and 23 have had detection of manganese at or close to the manganese MCL. Well 7 was placed on inactive status due to high uranium. Wells 9, 13-16, and 19-23 have detected arsenic at or above the Federal arsenic standard of 10 ug/l, which may require removal treatment in the future.

The City will be reliant on groundwater as the source of water until supplemental supply can be provided by South San Joaquin Irrigation District sometime in 2005. However, even with the supplemental supply, the City would probably remain reliant on groundwater to support future expansion. It's anticipated the City will construct a number of new wells (Wells 24, 26 or more)



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in the near future. The City was recently issued an interim permit to operate Well 23 to run until October 2003 to allow the water system to maintain a safe water production capacity during the summer months, thereby, preventing low pressure problems due to increased growth in the City and off production of Well 14. The City has problems with low pressure particularly during the summer months.

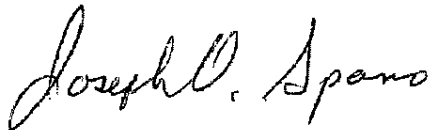
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Based on annual reports to the Department, the population increased in 2002 by 5.6 percent from the previous year; the average water usage increased by 4 percent; and the maximum daily water usage increased by 16 percent. With anticipated development in the areas surrounding the City (Oakwood Lake development and City of Lathrop) utilizing groundwater and new well construction by the City, there may be a significant impact in the quantity and quality of the groundwater.

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Manteca should conduct a water demand study to estimate the amount of water that would be needed in the next 20 years. The study should include information on the number of future wells needed by the City with or without supplemental surface water, an idea of new well locations, new well capacities needed, and the impact of these wells on water quality and quantity. There are a number of mitigation measures in the General Plan 2023 that would lessen the impacts to groundwater supplies. To satisfy CEQA requirements related to the well permitting process, the Department requests that an EIR be conducted that is specific for each well or an EIR that encompasses all future wells and their locations be prepared, along with a water demand study or modified this EIR to accomplish that objective.

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