

Table 12 - Current and Projected Water Deliveries

Water User Classification	Demand (af)				
	2005	2010	2015	2020	2025
Single-Family Residential	1,820	3,586	4,836	5,555	5,555
Multi-Family Residential	54	116	289	475	475
Commercial	139	354	461	499	499
Industrial	136	487	506	506	506
Institutional	102	158	201	201	201
Park	36	119	208	208	208
Landscape Irrigation	159	398	617	740	740
Total (af)	2,446	5,218	7,119	8,184	8,184
Total (mgd)	2.18	4.66	6.36	7.31	7.31

2.7. Demand Management Measures (DMMs)

Demand Management Measures are ways to conserve water through efficient tools, education, and incentives. Currently there are 14 best management practices (BMPs) that are promoted by California Urban Water Conservation Council (CUWCC). The City is not a current signatory to the California Urban Water Conservation Council. However, the City is a member of the Solano County Water Agency, who is a signatory of the CUWCC.

Each of the BMPs is discussed in this section to determine the current state of implementation by the City (if applicable).

2.7.1. Water Survey Programs for Residential Customers

The City has not developed an independent survey program of single or multifamily residential customers to detect leaks. The City may consider beginning a water survey program to increase the visibility of the Public Works services. Such information could be supplied as a leaflet in the monthly water bill.

2.7.2. Residential Plumbing Retrofit

This City does not have a retrofit program.

2.7.3. System Water Audits

The City has an informal manner of reviewing the status of the water system. City employees are highly knowledgeable about the existing system. The 2003 Water

Supply and Delivery System Master Plan suggested a maintenance program. The City has been successful in continually repairing leaking mains in a timely fashion.

2.7.4. Commodity Rate Metering

The city currently does not meter the water usage of residential user. However, in the new development in the Trilogy Area are water meters installed. The City is in the process of releasing a Request for Proposals to complete a comprehensive water and wastewater fees study. In the 2003 Water Master Plan the City is recommended to review the fiscal impacts of establishing a meter installation and reading program which would ultimately result in a more efficient water use system, and reduce the projected strain on the groundwater aquifers.

2.7.5. Large Landscape Conservation

The City does not have a Large Landscape Conservation program.

2.7.6. High Efficiency Washing Machines

The City may consider participating in a regional program that provides Residential High-Efficiency Clothes Washer Vouchers. More information about this potential needs to be provided.

2.7.7. Public Information Programs

The City provides information to the public on a regular basis through the use of the City's internet homepage, mailings, and public meetings.

2.7.8. School Education Programs

This City does not have a School Education program.

2.7.9. Conservation Programs for Commercial, Industrial, and Institutional Accounts

This City does not have a Conservation Program for Commercial, Industrial and Institutional Accounts.

2.7.10. Conservation Pricing

This City does not have a Conservation Pricing program.

2.7.11. Wholesale Agency Programs

This City is not a Wholesale Agency.

2.7.12. Water Conservation Coordinator

This City does not have a Water Conservation Coordinator program.

2.7.13. Water Waste Prohibition

This City does not have a waste Water Prohibition program.

2.7.14. Residential Ultra-Low Flush Toilet Replacement Programs

This City does not have a Residential Ultra-Low flush toilet Replacement program.

2.8. Evaluation of DMMs not implemented

Due to its relatively small size and agricultural history, management of the City's water system has focused on delivery. It is only in the last decade that the City's population passed 3,000.

With the recent influx of residential customers the City is adapting to its new role as an urban water supplier. The City recognizes the important roll conservation plays in ensuring a reliable water supply. Historically, the City has not metered residential customer accounts. New residential developments constructed since 2005 are required to install water meters. The City is working to begin installing meters on old un-metered accounts.

The City is at the beginning stages of developing a water conservation program. Shortly, the City will complete a comprehensive water and wastewater fee study. This study will lay the framework for future conservation measures.

BMPs not directly implemented by the City are carried out by the Solano County Water Agency, of which the city is a member.

2.9. Planned Water Supply Projects and Programs

The City is projected to meet its current and future water supply needs through existing and future wells.

2.10. Development of Desalinated Water

The City is not located adjacent to a supply of water high in total dissolved solids (TDS) that would warrant desalination.

2.11. Current or Projected Wholesale Water Supplies

The City does not currently, not does it project to use wholesale water.

3. Determination of DMM Implementation

The City is a participating member of the Solano County Water Agency. The Solano County Water Agency 2005 UWMP includes the most recent Annual Report submitted to CUWCC.