

RESTRICTED WATER SYSTEM

FUND NO. 556

ACCOUNT NO. 1118

PROGRAM

The Restricted Water System Fund is used to finance all growth-related system improvements funded through water facility charges.

RESTRICTED WATER MAINS

FUND NO. 566

ACCOUNT NO. 1118

PROGRAM

The Restricted Water Mains Fund is used for collection of over sizing components of Water Facility Charges. Refunds are made to the original contributor at such time additional development occurs.

WATER SYSTEM
FUND NO. 557
ACCOUNT NO. 1106

DESCRIPTION

The Water System Division is responsible for the maintenance and operation of the City's water supply. The system consists of 12 well sites, 18 deep well pumps, and 340 miles of distribution pipeline, as well as other related equipment, such as hydrants, meters, valves, fluoridation and chloridation systems, pumps, motors, 2 - 300,000 and 2 - 500,000 gallon above ground water tanks, supplying approximately seven billion gallons of water annually.

MISSION

Provide the City of Merced with a continuous supply of clean and safe drinking water while responding to customer requests in a timely manner.

GOALS

- ◇ Ensure compliance with comprehensive water systems inspection, repair and preventive maintenance program.
- ◇ Continue to explore the feasibility of implementing new procedures and technologies to enhance the efficiency and productivity of the Division while providing the highest level of customer service.

OBJECTIVES

***PERFORMANCE
MEASUREMENTS/INDICATORS***

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|---|---|
| 1. Complete annual inspection and maintenance program of the elevated water tanks. | Private contractor to clean and inspect elevated water tanks located at well stations 3 and 7, while tanks located at well stations 1 and 2 will be cleaned and inspected by City staff. Complete by June 2005. |
| 2. Expand the automated meter-reading program by replacing 500 conventional residential meters with radio telemetry meters. | Complete by June 2005. |
| 3. Replace a minimum of 375-polybutylene services with copper services. | Complete by June 2005. |
| 4. Inspect a minimum of 25% of all commercial water meters-repair, replace, or calibrate as needed. | Complete by June 2005. |

WATER SYSTEM

5. Replace a minimum of 15 - obsolete fire hydrants. Complete by June 2005.
6. Monitor legislation regarding the mandated installation of water meters Continue to follow up monthly

2004-2005 BUDGET HIGHLIGHTS

The Water Service Reliability Program will continue replacing polybutylene pipe with copper tubing, \$450,000 annually.

The ongoing conversion of manual-read water meters to automated radio-remote read water meters has improved meter reading accuracy as well as increased productivity; program expenditures are approximately \$120,000 annually.

The utility cut asphalt replacement program is maintained through contractual agreement with a private contractor and close follow up of completion through current work order system and inspection performed by Inspections Services department-\$200,000.

One additional Pump Operator and support vehicle are recommended in FY 2004-05 to deal with the additional work load that will be created by three new well sites that will become operational during the last half of calendar 2004.