

**WATER DISTRIBUTION MAINT. ACTIVITY DESCRIPTION****(ES)** **DESCRIPTION:**

This activity is responsible for the maintenance of 76.5 miles of water distribution mains, the installation of new services and the repair/replacement, as need be, of approximately 6,067 services in the City. This activity provides comprehensive maintenance and rehabilitation of all water service lines, main distribution lines, water valves, fire hydrants, and water valve lids and water meter boxes.

**PROGRAM CHANGES:**

None

**ACCOMPLISHMENTS:**

City personnel were involved in repairing/replacing water mains and water services due to failures, and new water service installation for new construction.

1. Repaired numerous leaking water lines and repaired many leaks citywide.
2. Installed many new water services - potable and fire.
3. Continued working on certifications for all required personnel
4. Continued 5-year capital improvement program for water distribution improvements and maintenance
5. Bid, awarded and completed Hilficker Water Line Replacement Phase 2
6. Finished construction of Tank 9 Replacement Project.
7. Located area for additional Zone I storage (Happy Valley).
8. Upgraded GIS system and ceollector application.

**GOALS:**

1. Continue to reduce unaccounted system losses through repair of substandard transmission lines and perform a water audit (ongoing)
2. Continue to improve GIS accuracy and widen implementation of valve exercise and flushing programs
3. Continue to train staff to meet State requirements for water distribution system
4. Further develop other suitable tank locations
5. Reduce unaccounted system losses by adding water meters at known unmetered or inadequately metered sites.
6. Continue making improvements to GIS mapping system.
7. Replace old water lines - Brett Heart Alley.
8. Provide training for staff to meet statewide certification requirements.

## BUDGET OVERVIEW

APPROPRIATIONS	Actual 2014-15	Actual 2015-16	Estimated 2016-17	Budget 2017-18
Personnel	414,433	433,537	469,403	<b>511,004</b>
Materials and Services	300,598	303,505	332,366	<b>336,135</b>
Debt Service/Lease Payments	45,763	174,047	135,050	<b>135,000</b>
Capital Outlay	69,354	-0-	165,000	<b>383,466</b>
Grant Programs	-0-	-0-	-0-	<b>-0-</b>
	<b>Gross Budget</b>	<b>830,148</b>	<b>911,089</b>	<b>1,365,605</b>
	<b>Charges to Other Departments</b>	<b>-0-</b>	<b>-0-</b>	<b>-0-</b>
	<b>Net Budget</b>	<b>830,148</b>	<b>911,089</b>	<b>1,365,605</b>

## FUNDING SOURCES (see descriptions in Revenue Section)

OPERATING:				
Water Fund (661)	715,031	737,042	801,769	<b>847,139</b>
DEBT SERVICE:				
Water Fund (661)	45,763	174,047	135,050	<b>135,000</b>
PROJECTS/CAPITAL OUTLAY:				
Water Fund (661)	69,354	-0-	-0-	<b>-0-</b>
Water Fund Reserves (661)	-0-	-0-	165,000	<b>383,466</b>
	<b>830,148</b>	<b>911,089</b>	<b>1,101,819</b>	<b>1,365,605</b>

**WATER DISTRIBUTION MAINT.****Activity #****63****PERSONNEL**

Account Number	DESCRIPTION	2017/18		
		Department Proposed	Manager Proposed	Council Approved
661-50-63-50100	REGULAR SALARIES	264,912	264,912	264,912
661-50-63-50200	OVERTIME WAGES	3,000	3,000	3,000
661-50-63-50300	PART-TIME AND TEMPORARY SALARIES	33,744	33,744	33,744
661-50-63-50990	EMPLOYEE BENEFITS	215,270	209,348	209,348
<b>TOTALS</b>		<b>\$516,926</b>	<b>\$511,004</b>	<b>\$511,004</b>

**POSITION TITLES**

Dep.Director ES-Streets/Utilities	0.14	0.14	0.14
ES Supervisor-Utilities	0.22	0.22	0.22
ES Supervisor-Streets Vehicles	0.08	0.08	0.08
Parks/NR/Facilities Supervisor	0.10	0.10	0.10
SCADA Systems Manager	0.10	0.10	0.10
Environmental Compliance Officer	0.25	0.25	0.25
W/WW Operator (I & II)	0.50	0.50	0.50
Equipment Operator	0.34	0.34	0.34
Maintenance Crew Leader	0.36	0.36	0.36
Lead W/WW Maint Worker	0.07	0.07	0.07
Senior Maintenance Worker	0.36	0.36	0.36
Maintenance Worker	0.55	0.55	0.55
Senior Construction Specialist	0.13	0.13	0.13
Traffic Control Technician	0.02	0.02	0.02
Water Quality Technician	0.24	0.24	0.24
Water Meter Technician	0.40	0.40	0.40
Property Manager/Contracts	0.10	0.10	0.10
City Engineer	0.10	0.10	0.10
Assistant City Engineer	0.15	0.15	0.15
Engineering Technician	0.20	0.20	0.20
Administrative Assistant	0.07	0.07	0.07
Secretary	0.23	0.23	0.23
Maintenance Trainee (Part-time)	0.15	0.15	0.15
Street Sweeper (Part-time)	0.07	0.07	0.07
W/WW Operator (Part-time)	0.05	0.05	0.05
Water Meter Reader (Part-time)	0.20	0.20	0.20
Engineer (Part-time)	0.13	0.13	0.13
<b>Total Full-time Equivalents</b>	<b>5.31</b>	<b>5.31</b>	<b>5.31</b>

**WATER DISTRIBUTION MAINT.****Activity #****63****MATERIALS AND SERVICES**

Account Number	DESCRIPTION	2017/18		
		Department Proposed	Manager Proposed	Council Approved
661-50-63-51200	COMMUNICATIONS	4,872	4,872	4,872
661-50-63-51400	TRAINING, CONFERENCES AND MEETINGS	4,500	4,500	4,500
661-50-63-51500	CLOTHING AND PERSONAL EXPENSES	1,600	1,600	1,600
661-50-63-51600	MEMBERSHIPS AND DUES	500	500	500
661-50-63-51770	PROFESSIONAL SERVICES	5,400	5,400	5,400
661-50-63-52000	INSURANCE	33,574	33,574	33,574
661-50-63-53300	OFFICE SUPPLIES	300	300	300
661-50-63-53600	JANITORIAL AND HOUSEHOLD SUPPLIES	400	400	400
661-50-63-53800	CEMENT, SAND, GRAVEL, ASPHALT	15,000	15,000	15,000
661-50-63-53900	PIPE VALVES AND FITTINGS	45,000	45,000	45,000
661-50-63-54200	OTHER DEPARTMENTAL SUPPLIES	7,500	7,500	7,500
661-50-63-54300	SMALL TOOLS	2,000	2,000	2,000
661-50-63-55300	EQUIPMENT MAINTENANCE	6,000	6,000	6,000
661-50-63-55500	CENTRAL GARAGE CHARGES	66,882	66,882	66,882
661-50-63-55600	EQUIPMENT RENTAL	1,000	1,000	1,000
661-50-63-55800	IT SERVICES & MAINTENANCE	5,687	5,687	5,687
661-50-63-55900	OVERHEAD	138,580	135,920	135,920
<b>TOTALS</b>		<b>\$338,795</b>	<b>\$336,135</b>	<b>\$336,135</b>

## DEBT SERVICE / LEASE PAYMENTS

Account Number	DESCRIPTION	2017/18		
		Department Proposed	Manager Proposed	Council Approved
	RETIREMENT OF PRINCIPAL:			
661-50-63-56105	Refunded 1998 COP	65,650	65,650	65,650
	INTEREST EXPENSE:			
661-50-63-56205	Refunded 1998 COP	69,350	69,350	69,350
	<b>TOTALS</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$135,000</b>

	Refunded 1998 COP (65%)
Principal outstanding June 30, 2016	1,701,700
Principal to be paid 2016/17	65,650
Principal outstanding June 30, 2017	1,636,050
	through 2035
Remaining interest payments	676,911

**WATER DISTRIBUTION MAINT.****Activity #****63****CAPITAL OUTLAY**

Account Number	DESCRIPTION	2017/18		
		Department Proposed	Manager Proposed	Council Approved
661-50-63-57500	UNDERGROUND FACILITIES (Water Mains, Services & Valves Replacement (CIP #63-0002&0003))	250,000	248,466	248,466
661-50-63-57600	OTHER IMPROVEMENTS	100,000	100,000	100,000
661-50-63-57800	FURNITURE & EQUIPMENT	35,000	35,000	35,000
<b>TOTALS</b>		<b>\$385,000</b>	<b>\$383,466</b>	<b>\$383,466</b>