CITY OF FRANKLIN WATER UTILITY
65-751

PROGRAM: Water Utility

PROGRAM MANAGER(S): Board of Water Commissioners, Manager, & Superintendent of Water/Sewer

PROGRAM DESCRIPTION:
The City of Franklin Water Utility is a separate corporation run by the Franklin Board of Water Commissioners. The Water Utility is accounted for as an Enterprise Fund. The Water Utility purchases its water from the City of Oak Creek. Water activities handled by City personnel include maintenance and monitoring of the water system located within the City. Water bills are based on water usage. Costs of Water Department employees are allocated to water operations based on activities performed.

SERVICES:
- Operate and maintain well and pump houses.
- Inventory, install, read and maintain meters including upgrades and change outs. Inventory and maintain valves, hydrants, telemetry, reservoirs, and elevated towers.
- Respond to and resolve water customer complaints and concerns.
- Repair lateral and main breaks
- Locate all utility infrastructure as requested and required by Diggers Hotline
- Perform present time and follow up inspection on all new utility construction.
- Bills and collect amounts due for water services.

STAFFING: Water Utility and Sanitary Sewer Division share employees. The percentage varies yearly based on activities performed. For 2011 it is anticipated to be 50%.

Authorized Positions (FTE)	2006	2007	2008	2009	2010	2011
Water Superintendent	**.50**	**.50**	**.50**	**.50**	**.50**	**.50**
Operator II	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
Operator I	**.50**	**.50**	**.50**	**.50**	**.50**	**.50**
Water Technician	**3.50**	**3.50**	**3.50**	**3.50**	**3.50**	**3.00**
Clerk/Typist	**.63**	**.63**	**.63**	**.63**	**.63**	**.63**
Seasonal Maintenance	**.30**	**.30**	**.30**	**.15**	**.15**	**.15**
Total Water	**6.43**	**6.43**	**6.43**	**6.28**	**6.28**	**5.78**
Total of Water & Sewer	**12.85**	**12.85**	**12.85**	**12.55**	**12.55**	**11.55**

ACTIVITY MEASURES:

Activity	2006	2007	2008	2009	2010*	2011*
Miles of Water Main	**157.5**	**163.0**	**164.0**	**165.6**	**165.8**	**166.8**
Avg. No.-Water Utility Customers	**7,288**	**7,561**	**7,683**	**7,756**	**7,775**	**7,800**
Avg. Daily Consumption (Gallons)	**2.269m**	**2.521m**	**2.474m**	**2.461m**	**2.7m**	**2.8m**
Number of Fire Hydrants	**1,980**	**2,058**	**2,081**	**2,097**	**2,098**	**2,111**

* Forecast

BUDGET SUMMARY;

The budget and operations described herein were approved by the Board of Water Commissioners who is responsible for the Water Utility. The year 2010 has had a similar sales volume to the prior year. The year 2011 is also expected to be a similar sales volume year.

2011 Capital Equipment $176,860

A. Tools & Shop Supplies. $0.00

B. Vehicle Replacement. $16,000

50% of 4X4 Mid-Size SUV. A 2003 Chevrolet Blazer with approximately 140,000 miles will be replaced with a like vehicle. It is driven primarily by the Superintendent of the Water & Sewer Department. The vehicle is also used for small parts transport, transportation to conferences/meetings and all emergencies and job sites during and after hours. Estimated cost of vehicle is $32,000. Cost to Water Department is **$16,000**.

C. Detection Equipment. $.00

D. Office/Computer Equipment. $6,820

50% SCADA Computer Replacement. $1,750 The desktop used to control and compile data from the Lift Stations and Pump Houses is 6 years old. Several new pumps and data points have been added to the systems and the existing Dell does not have the power to keep up to the new applications. It will be replaced in keeping with the Department's 5 year policy. Cost to Water Department is **$1,750**.

Orion Laptop Upgrade/Replacement. $5,070 The laptop being used to read/install Orion meters is 7 years old. It is no longer supported by the manufacturer and a service agreement is not available. Badger Meter has proposed a replacement as follows: Upgrade Program is designed to provide customers with a new Panasonic Toughbook Laptop Computer, Pelican Case, CD ROM, AC and DC Power supply, factory installation of the Utility's current version of ORION premium Mobile Read Software and a 12-month warranty (with four additional years of service agreement available). The old laptop will be returned to Badger.

E. New Development & Replacement Meters. $154,040

New Development meters are used only for new residential, commercial and industrial meter installations. 60 meters of residential size will be ordered this year. **$8,400** will be budgeted for new residential units.

Replacement meters include those that have been damaged or will be retrofitted. The retro involves upgrading of existing Trace technology to the new Orion reading system. Because we have depleted the stock of replacement Remote Transmitters used for the Orion upgrade, the majority of the budget will be used to purchase Orion RTR's. We anticipate changing out 1,330 units @ $108 each in 2011. This lot will complete the conversion process and we do anticipate a complete ORION system at the end of 2011. Total replacement cost budgeted is **$143,640**. Large meter testing has indicated that some of the large RTR's and readers will be replaced as a matter of expedience. Replacement is more economical than rebuild parts and labor time. Stock cost will be **$2,000**.

CITY OF FRANKLIN 2011 BUDGET		2008 Actual	2009 Actual	2010 Amended	2010 YTD 6/30/2010	2010 Estimate	2011 Dept/Request	2011 Proposed	2011 Adopted	Percent Change
WATER UTILITY										
REVENUE										
Metered Revenue										
Metered Sales-Residential	65.44611	2,035,675	2,118,410	2,210,000	966,597	2,203,000	2,276,000	2,276,000	2,276,000	
Metered Sales-Commercial	65.44612	961,521	1,108,265	1,082,000	502,772	1,152,000	1,193,000	1,193,000	1,193,000	
Other Sales to Public Author	65.44614	270,696	304,113	312,000	134,231	316,000	321,000	321,000	321,000	
Metered Sales-Industrial	65.44613	229,014	189,916	208,000	92,200	197,000	208,000	208,000	208,000	
Total Metered Revenue		3,496,905	3,720,704	3,812,000	1,695,800	3,868,000	3,998,000	3,998,000	3,998,000	3.4%
Other Water Revenue										
Public Fire Protection	65.44630	568,819	579,230	594,000	268,217	538,000	554,000	554,000	554,000	
Private Fire Protection	65.44620	111,439	114,745	120,000	57,818	115,000	120,000	120,000	120,000	
Forfeited Discount	65.44700	38,708	45,009	30,000	15,052	45,000	45,000	45,000	45,000	
Unmetered Sales	65.44600	3,218	-5,193		51		0	0	0	
Total Miscellaneous Revenue		722,184	733,791	744,000	341,138	698,000	719,000	719,000	719,000	-3.4%
Total Water Utility Revenue		4,219,089	4,454,495	4,556,000	2,036,938	4,566,000	4,717,000	4,717,000	4,717,000	3.5%
EXPENDITURES										
Source of Supply:										
Source of Supply: Operations Labor	65.751.56010	1,001	374	1,000	0	1,000	1,000	1,000	1,000	
Operation Supplies & Expense	65.751.56011	9,386	6,487	9,700	1,552	9,700	9,700	9,700	9,700	
Wholesale Water	65.751.56020	2,106,282	2,412,174	2,254,000	1,092,455	2,245,000	2,424,480	2,370,000	2,370,000	
Maint of Water Source plant	65.751.56171	3,807	56	6,000	235	4,000	6,000	4,000	4,000	
Sub-total Source of Supply		2,120,476	2,419,091	2,270,700	1,094,242	2,259,700	2,441,180	2,384,700	2,384,700	5.0%
Pumping										
Pump Exp - Fuel	65.751.56230	43,379	44,925	50,000	20,764	45,000	50,000	45,000	45,000	
Pump Exp - Operations Labor	65.751.56240	89,605	59,652	75,000	31,678	75,000	75,000	75,000	75,000	
Pump Exp - Main Labor Pump Plant	65.751.56330	1	26	2,000	214	2,000	2,000	2,000	2,000	
Pump Exp - Main Exp Pump Plant	65.751.56331	397	940	8,000	3,633	4,500	8,000	4,500	4,500	
Sub-total Pumping		133,383	105,543	135,000	56,289	126,500	135,000	126,500	126,500	-6.3%
Water Treatment										
Water Treat Chemicals	65.751.56410	190	168	500	0	500	500	500	500	
Water Treat Operation Labor	65.751.56420	188	852	500	0	500	500	500	500	
Water Treat Tests	65.751.56421	8,201	10,272	10,000	718	5,000	10,000	5,000	5,000	
Water Treat Maint Labor	65.751.56520	215	104	500	0	500	500	500	500	
Water Treat Maint Expenses	65.751.56521	552	0	500	0	500	500	500	500	
Subtotal Water Treatment		9,347	11,396	12,000	718	7,000	12,000	7,000	7,000	-41.7%
Transmission & Distribution										
Trans & Distr Software Maintenance	65.751.56612	0	1,458	4,000	272	2,000	4,000	2,000	2,000	
Trans & Distr Operation Labor	65.751.56620	38,962	41,022	19,000	12,629	25,700	24,600	29,600	29,600	
Trans & Distr Op Supp Exp	65.751.56621	20,746	18,572	31,000	8,919	26,000	31,000	26,000	26,000	
Trans & Distr Safety Supp Exp	65.751.56622	0	1,790	3,000	1,110	2,000	2,000	2,000	2,000	
Maint Labor- Distr Reservoir	65.751.56720	151	4,971	4,000	0	4,000	4,000	4,000	4,000	
Maint Expenses- Distr Reservoir	65.751.56721	1,670	6,287	8,000	0	4,000	4,000	4,000	4,000	
Maintenance Labor - Mains	65.751.56730	19,533	11,336	25,000	6,174	20,000	25,000	20,000	20,000	
Maintenance Expense - Mains	65.751.56731	97,405	21,973	30,000	12,647	25,000	30,000	25,000	25,000	
Locating Labor - Mains	65.751.56732	13,876	14,160	11,800	8,644	11,800	12,154	12,150	12,150	
Maint Labor - Services	65.751.56750	6,267	16,989	10,000	3,993	10,000	10,000	10,000	10,000	
Maint Expense - Services	65.751.56751	18,209	28,701	25,000	10,037	25,000	25,000	44,000	44,000	
Locating Labor - Services	65.751.56752	12,113	4,508	10,000	1,786	10,000	10,000	10,000	10,000	
Maint Labor - Meters	65.751.56760	39,725	39,151	46,800	16,303	46,800	48,672	48,700	48,700	
Maint Expense - Meters	65.751.56761	2,946	1,886	5,000	226	5,000	5,000	3,000	3,000	
Maint Labor - Hydrants	65.751.56770	20,682	18,043	16,200	1,635	16,200	16,848	16,850	16,850	
Maint Expenses - Hydrants	65.751.56771	8,229	12,090	12,000	168	12,000	12,000	12,000	12,000	
Maint Labor - Plant	65.751.56780	12,939	17,536	9,400	4,251	9,400	9,776	9,800	9,800	
Maint Expenses - Plant	65.751.56781	14,913	6,459	30,000	5,433	20,000	30,000	29,500	29,500	
Sub-total Transmission & Distribution		328,366	266,932	300,200	94,227	274,900	304,050	308,600	308,600	2.8%

CITY OF FRANKLIN 2011 BUDGET		2008 Actual	2009 Actual	2010 Amended	2010 YTD 6/30/2010	2010 Estimate	2011 Dept/Request	2011 Proposed	2011 Adopted	Percent Change
Customer Accounts										
Meter Reading Labor	65.751.59020	5,979	6,540	6,900	2,121	6,900	7,176	7,200	7,200	
Acct & Collection Labor	65.751.59030	21,489	22,337	20,550	9,912	20,550	21,372	21,400	21,400	
Acctg & Coll Payroll Exp - Allocated	65.751.59031	12,100	12,600	11,900	5,948	11,900	13,104	13,100	13,100	
Supplies & Expense	65.751.59032	12,460	9,384	14,800	3,387	12,800	14,800	14,800	14,800	
Bank Fees	65.751.59033	19,654	9,350	12,300	4,436	10,000	10,000	10,000	10,000	
Sub-total Customer Accounts		71,682	60,211	66,450	25,804	62,150	66,452	66,500	66,500	0.1%
Administrative & General										
Admin & Gen Supervision Wages	65.751.59200	0	0	12,000	0	0	0	0	0	
Admin & General Payroll Exp - Allocated	65.751.59201	52,100	50,600	47,700	23,850	47,700	48,500	48,500	48,500	
Office Supplies	65.751.59210	3,981	1,206	1,500	128	1,500	1,000	1,000	1,000	
Conferences/Dues/Subscriptions	65.751.59211	3,774	4,750	4,000	1,330	4,000	4,000	4,000	4,000	
Mileage	65.751.59212	30	677	1,000	196	1,000	1,000	1,000	1,000	
Outside Services	65.751.59230	69,290	33,592	45,000	15,858	35,000	45,000	44,000	44,000	
Property Insurance	65.751.59240	29,000	30,200	31,400	14,050	28,100	28,300	28,300	28,300	
Empl Ben - Allocated	65.751.59270	33,000	36,700	33,600	16,800	33,600	33,800	33,800	33,800	
Empl Ben - Sick & Other Leave Exp	65.751.59260	25,242	21,928	11,700	7,134	15,000	10,000	10,000	10,000	
Empl Ben - Comp Time Taken Exp	65.751.59261	4,588	1,663	3,000	980	3,000	3,120	3,100	3,100	
Empl Ben - Longevity Exp	65.751.59262	837	861	950	365	754	800	800	800	
Empl Ben - Holiday Exp	65.751.59263	16,670	16,210	16,950	4,375	16,891	14,500	14,500	14,500	
Empl Ben - Vacation Exp	65.751.59264	23,609	23,603	22,650	10,312	19,096	19,000	19,000	19,000	
Empl Ben - Retirement Exp	65.751.59265	25,689	42,445	38,700	16,676	36,634	36,000	36,000	36,000	
Empl Ben - Retiree Health Exp	65.751.59266	17,073	15,187	16,300	8,158	15,713	15,300	15,300	15,300	
Empl Ben - Group Health & Dental Exp	65.751.59267	82,347	82,223	80,050	36,424	74,325	73,800	73,800	73,800	
Empl Ben - Life Insurance Exp	65.751.59268	1,597	1,348	1,400	494	986	1,100	1,100	1,100	
Empl Ben - Workers Comp Exp	65.751.59269	17,816	12,101	17,700	5,305	16,479	14,000	14,000	14,000	
Regulatory Commission Exp	65.751.59280	4,090	9,609	5,000	0	5,000	5,000	5,000	5,000	
Misc General Expense	65.751.59300	1,447	148	1,000	1,276	1,000	1,000	1,000	1,000	
Maintenance of General Plant	65.751.59320	22	0	2,000	0	2,000	2,000	2,000	2,000	
Transportation Expenses	65.751.59321	22,480	11,275	20,300	6,446	15,350	20,300	19,500	19,500	
Sub-total Administrative & General		434,683	396,326	413,900	170,157	373,128	377,520	375,700	375,700	-9.2%
Total Local Expenditures		991,655	847,325	944,250	348,982	858,378	911,722	899,000	899,000	-4.8%
Total Wholesale Water Cost		2,106,282	2,412,174	2,254,000	1,092,455	2,245,000	2,424,480	2,370,000	2,370,000	5.1%
Operation & Maintenance Expenses - subtotal		3,097,936	3,259,499	3,198,250	1,441,437	3,103,378	3,336,202	3,269,000	3,269,000	2.2%
Depreciation	65.761.54030	285,696	300,419	380,000	190,000	330,000	380,000	340,000	340,000	
Taxes - Property Tax Equivalent	65.761.54080	854,682	920,666	920,000	460,000	1,018,000	1,036,000	1,036,000	1,036,000	
Taxes - FICA	65.761.54081	26,300	25,784	25,750	9,372	24,500	24,000	24,000	24,000	
Total Operating Expenses		4,264,615	4,506,368	4,524,000	2,100,809	4,475,878	4,776,202	4,669,000	4,669,000	3.2%
Operating Income		-45,526	-51,873	32,000	-63,871	90,122	-59,202	48,000	48,000	
Non Operating Income (Expenses)										
Interest Income	65.44190	46,033	22,697	25,000	11,531	25,000	25,000	25,000	25,000	
Misc Revenue	65.44210	2,927	6,066	2,000	3,046	2,000	2,000	2,000	2,000	
Water Property Rent	65.44720	35,672	34,016	33,000	19,716	33,000	33,000	33,000	33,000	
Other Water Revenue	65.44740	227,500	0	0	217	0	0	0	0	
Loss on Abandoned Property	65.761.54260	0	-97,871	0	0	0	0	0	0	
Sub-total non-operating Income (Expenses)		312,132	-35,092	60,000	34,510	60,000	60,000	60,000	60,000	0.0%
Income before Capital Contributions		266,606	-86,965	92,000	-29,361	150,122	798	108,000	108,000	
Retained Earnings , Beginning		1,709,697	1,574,448	1,756,992	1,756,992	1,756,992	2,054,114	2,054,114	2,054,114	
Invested in capital assets transfer		-401,855	269,509	147,000	0	147,000	203,100	203,100	203,100	
Retained Earnings - Ending		1,574,448	1,756,992	1,995,992	1,727,631	2,054,114	2,258,012	2,365,214	2,365,214	
Capital Contributions	65.44990	689,955	1,336,229	750,000	0	750,000	750,000	750,000	750,000	
Depreciation - CIAC	65.761.54031	-518,645	-532,881	-550,000	-275,000	-710,000	-566,000	-715,000	-715,000	
Invested in capital assets transfer		401,855	-269,509	-147,000	0	-147,000	-203,100	-203,100	-203,100	
		573,165	533,839	53,000	-275,000	-107,000	-19,100	-168,100	-168,100	
Invested in Capital Assets - Beginning		44,383,555	44,956,720	45,490,559	45,490,559	45,490,559	45,383,559	45,383,559	45,383,559	
Invested in Capital Assets - Ending		$44,956,720	$45,490,559	$45,543,559	$45,215,559	$45,383,559	$45,364,459	$45,215,459	$45,215,459	
Total Net Assets - Ending		$46,531,168	$47,247,551	$47,539,551	$46,943,190	$47,437,673	$47,622,471	$47,580,673	$47,580,673	