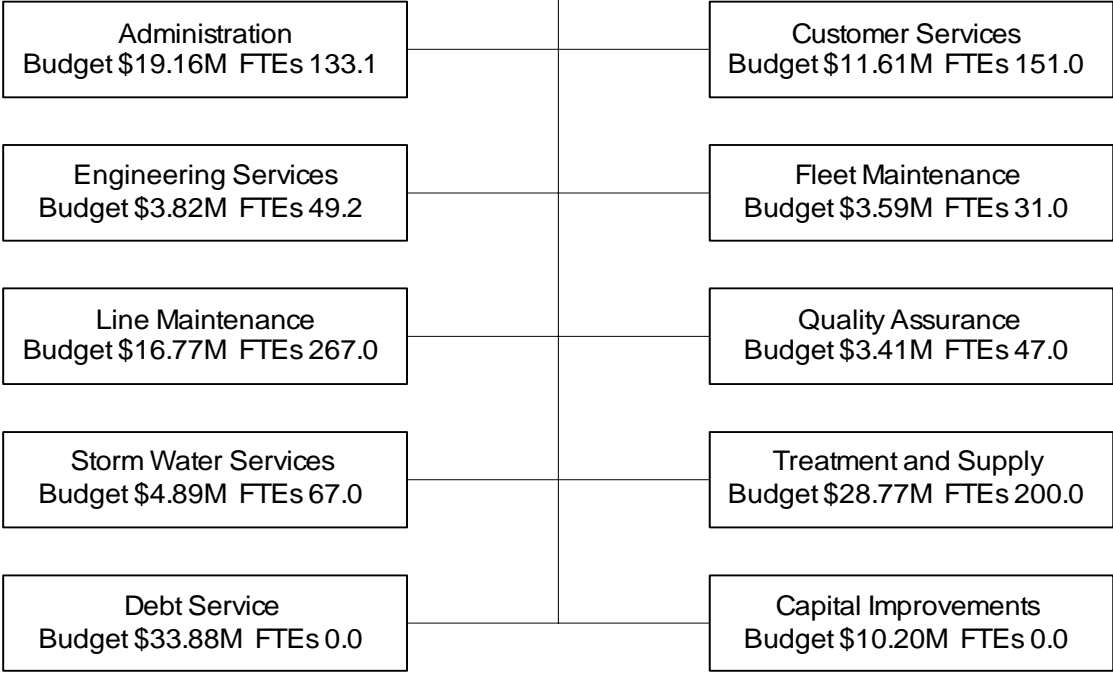


Water Services

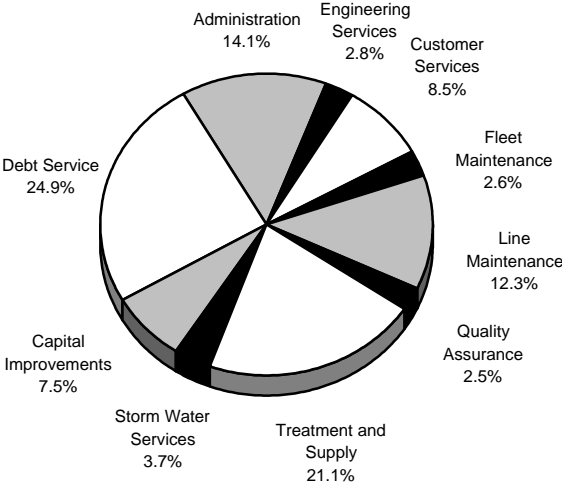
Budget \$136.10M FTE Positions 945.3



Departmental highlights

- Conduct 596,000 total drinking water tests
- Repair 300 catch basins
- Supply an average daily flow of 240 million gallons per day for consumption
- Remove approximately 70 tons of biosolids each day
- Handle 300,000 Information Center and collections calls

Budget by Program



Workforce Analysis - Full-time Employees

	Male	Female	Total
Management			
Minority	34.4%	14.1%	48.5%
Non-Minority	37.1%	14.4%	51.5%
Total	71.5%	28.5%	100.0%
Labor			
Minority	54.3%	16.6%	70.9%
Non-Minority	25.8%	3.3%	29.1%
Total	80.1%	19.9%	100.0%
Total			
Minority	46.5%	15.6%	62.1%
Non-Minority	30.3%	7.6%	37.9%
Total	76.8%	23.2%	100.0%

Water Services

Expenditures by Program

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Administration	\$ 16,592,009	\$ 15,428,815	\$ 19,161,788
Customer Services	11,691,833	12,810,972	11,614,716
Engineering Services	4,480,684	5,292,290	3,818,320
Fleet Maintenance	3,480,972	3,835,331	3,585,102
Line Maintenance	18,811,207	18,173,890	16,770,478
Quality Assurance	3,427,541	3,710,090	3,408,849
Stormwater Services	3,827,292	5,186,382	4,892,209
Treatment and Supply	31,445,136	28,520,839	28,766,249
Sub-Total Operating Expenses	\$ 93,756,674	\$ 92,958,609	\$ 92,017,711
Debt Service	23,697,611	30,142,590	33,882,062
Capital Improvements	25,285,979	10,549,786	10,204,788
Total	\$ 142,740,264	\$ 133,650,985	\$ 136,104,561

Expenditures by Appropriation Unit

Personal Services	\$ 41,534,280	\$ 46,347,319	\$ 44,652,016
Contractual Services	39,482,690	34,925,910	36,272,136
Commodities	9,737,288	9,939,155	9,939,579
Capital Outlay	3,002,416	1,746,225	1,153,980
Sub-Total Operating Expenses	\$ 93,756,674	\$ 92,958,609	\$ 92,017,711
Pass Through Payments	--	--	--
Debt Service	23,697,611	30,142,590	33,882,062
Capital Improvements	25,285,979	10,549,786	10,204,788
Total	\$ 142,740,264	\$ 133,650,985	\$ 136,104,561

Expenditures by Fund

Capital Improvements	\$ 400,000	\$ 1,378,608	\$ 1,700,000
Water	88,191,012	74,826,310	74,871,857
Sewer	47,261,409	49,731,540	51,606,599
Stormwater	6,887,843	7,714,527	7,926,105

Total	\$ 142,740,264	\$ 133,650,985	\$ 136,104,561
No. of Full Time Equivalent Positions	999.5	996.5	1046.3
Less: Anticipated Retirements	--	--	(95.0)
Less: Vacant Positions Eliminated	--	--	(6.0)
Net Full Time Equivalent Positions	999.5	996.5	945.3

Water Services

Program: ADMINISTRATION
Sub-Program: ADMINISTRATION

Program Activities

1. Coordinate the financial and planning activities of the city's water, wastewater, and stormwater systems
2. Coordinate marketing/sales contracts with area water districts
3. Recruit, train, and develop associates for the Water Department

Performance Measures

Outcome

1. Percent of surveyed citizens satisfied with water department services

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
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	N/A	80%	80%
--	-----	-----	-----

Expenditures by Appropriation Unit

Personal Services	\$ 3,933,750	\$ 4,702,122	\$ 7,401,397
Contractual Services	11,579,323	10,023,358	11,106,918
Commodities	185,595	310,935	452,053
Capital Outlay	893,341	392,400	201,420
Total	\$ 16,592,009	\$ 15,428,815	\$ 19,161,788

Expenditures by Fund

Water	\$ 11,885,717	\$ 10,653,017	\$ 11,646,094
Sewer	4,185,383	4,278,298	6,480,298
Stormwater	520,909	497,500	1,035,396
Total	\$ 16,592,009	\$ 15,428,815	\$ 19,161,788

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(9.0)
Net Full Time Equivalent Positions	87.9	90.4	133.1

Highlights

The mission of Water Services Administration is to provide plans, organization, and direction to divisions so that their goals can be achieved. Administrative service charges for city support totals \$5,704,113 in FY 2003-04. For the third straight year no rate increases are anticipated in water fees in FY 2003-04. This is within the KC-GO Competitive Business Plan agreement. A six percent rate increase is proposed for wastewater and will be used for capital expenditures and increased debt service on bonds related to the sanitary sewer system. Stormwater rates for run-off units will increase from \$0.38 to \$0.50 or 32%. A retirement reserve in the amount of \$2,831,117, or 48 positions, is added to restore staffing levels up to 50%. Contractual services reflects an increase of \$1,083,560 for insurance costs and city wide technology initiatives.

Water Services

Program: CUSTOMER SERVICES

Expenditures by Sub-Program

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Consumer Services	\$ 5,093,328	\$ 5,365,590	\$ 5,079,617
Reading and Service	6,598,505	7,445,382	6,535,099
Total	\$ <u>11,691,833</u>	\$ <u>12,810,972</u>	\$ <u>11,614,716</u>

Expenditures by Appropriation Unit

Personal Services	\$ 6,956,600	\$ 7,234,308	\$ 6,525,164
Contractual Services	3,783,037	4,805,639	4,338,856
Commodities	846,157	699,300	691,696
Capital Outlay	106,039	71,725	59,000
Total	\$ <u>11,691,833</u>	\$ <u>12,810,972</u>	\$ <u>11,614,716</u>

Expenditures by Fund

Water	\$ 10,502,423	\$ 11,458,625	\$ 10,105,123
Sewer	1,032,536	1,155,494	1,290,434
Stormwater	156,874	196,853	219,159
Total	\$ <u>11,691,833</u>	\$ <u>12,810,972</u>	\$ <u>11,614,716</u>

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(20.0)
Net Full Time Equivalent Positions	<u>172.0</u>	<u>172.0</u>	<u>151.0</u>

Program Information

The Consumer Services Division provides assistance to the city's utility customers and maintains consumer data and bills for water and sewer charges. The Reading and Service unit performs regular reading of meters and assures consumer satisfaction through timely response to needs and complaints. The program is also responsible for maintenance and inspection of water meters. The new Banner billing system is expected to be operational May 2003. Service charges by the Information Technology Department totals \$439,299 for support of the new customer information and billing system, which is a decrease of \$418,486 from \$857,785 in FY 2002-03.

Water Services

Program: CUSTOMER SERVICES
 Sub-Program: CONSUMER SERVICES

Program Activities

1. Provide assistance to the city's utility customers; maintain consumer data and bill for water, sewer, and stormwater charges

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
1. Percent of total customer calls abandoned	21%	17%	13%
Output			
1. Number of calls to Info Center and Collections	204,958	270,858	300,000
Efficiency			
1. Number of calls per FTE	13,663	18,057	19,863

Expenditures by Appropriation Unit

Personal Services	\$ 1,985,515	\$ 2,245,350	\$ 2,065,228
Contractual Services	3,000,863	3,041,715	2,939,193
Commodities	79,430	70,800	75,196
Capital Outlay	27,520	7,725	--
Total	\$ 5,093,328	\$ 5,365,590	\$ 5,079,617

Expenditures by Fund

Water	\$ 3,903,918	\$ 4,013,243	\$ 3,570,024
Sewer	1,032,536	1,155,494	1,290,434
Stormwater	156,874	196,853	219,159
Total	\$ 5,093,328	\$ 5,365,590	\$ 5,079,617

No. of Full Time Equivalent Positions

No. of Full Time Equivalent Positions	58.0	58.0	58.0
Less: Anticipated Retirements	--	--	(7.0)
Net Full Time Equivalent Positions	58.0	58.0	51.0

Highlights

The mission of Consumer Services is to provide efficient and effective customer service related to customer billings and payments so that their questions and concerns are addressed promptly and satisfactorily. Consumer Services provides assistance to the City's utility customers, and maintains consumer data and bills for water, sewer, and stormwater charges. All procedures and policies are under review as implementation of Banner, the new billing software is scheduled for operation in the Spring of 2003. A new collection agency has been chosen to handle delinquent accounts. The department is implementing Competitive Business Plan action items, which are targeted key goals set out by the department to become more efficient.

Water Services

Program: CUSTOMER SERVICES
 Sub-Program: READING AND SERVICE

Program Activities

1. Efficiently perform water meter readings on the 160,000 meters in service
2. Reduce billing adjustments and increase customer satisfaction by installing remote reading devices
3. Assure accurate recording of water consumption through maintenance of meters
4. Prevent unnecessary water loss by conducting a leak survey program

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
2. Percentage of successful billing attempts	85%	87%	85%
Output			
1. Number of rechecks worked in field	45,500	35,000	30,000
Efficiency			
1. Cost per recheck	\$ 2.80	\$ 3.03	\$ 3.37

Expenditures by Appropriation Unit

Personal Services	\$ 4,971,085	\$ 4,988,958	\$ 4,459,936
Contractual Services	782,174	1,763,924	1,399,663
Commodities	766,727	628,500	616,500
Capital Outlay	78,519	64,000	59,000
Total	\$ 6,598,505	\$ 7,445,382	\$ 6,535,099

Expenditures by Fund

Water	\$ 6,598,505	\$ 7,445,382	\$ 6,535,099
Total	\$ 6,598,505	\$ 7,445,382	\$ 6,535,099

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(13.0)
Net Full Time Equivalent Positions	114.0	114.0	100.0

Highlights

The mission of Reading and Service is to provide regular reading of water meters and prompt investigation of questionable bills for customers so that the billing process runs smoothly. The Reading and Service program is responsible for the maintenance and replacement of approximately 160,000 commercial and residential meters throughout the city. One position is eliminated through the division's consolidation efforts.

Water Services

Program: ENGINEERING SERVICES

Sub-Program: ENGINEERING SERVICES

Program Activities

1. Initiate, design, supervise and record water, wastewater, and stormwater improvement projects and provide detail specifications for in-house and consultant construction projects
2. Responsible for construction surveys and staking, inspecting consultant design projects, reviewing contract payments, verifying materials on job sites, and tracking projects on a regular basis
3. Review and approve requests for construction work within the critical zone of the levees and floodwalls and monitor work for compliance

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
3. Percentage of critical zone projects successfully completed	100%	100%	100%
Output			
2. Number of water line contracts awarded	10	10	10
2. Number of sewer line contracts awarded	25	15	15
3. Number of critical zone work requests reviewed	16	16	20
3. Lineal feet of levee/floodwall and channel maintained	71,967	71,967	71,967
Efficiency			
3. Cost per work request reviewed	\$ 3,563	\$ 2,188	\$ 1,750
3. Cost per lineal feet of levee/floodwall and channel maintained	\$ 3.10	\$ 5.20	\$ 7.94

Expenditures by Appropriation Unit

Personal Services	\$ 3,429,428	\$ 4,173,879	\$ 3,223,682
Contractual Services	894,599	912,321	355,338
Commodities	57,353	71,890	76,900
Capital Outlay	99,304	134,200	162,400
Total	\$ 4,480,684	\$ 5,292,290	\$ 3,818,320

Expenditures by Fund

Water	\$ 3,089,489	\$ 3,464,175	\$ 2,624,076
Sewer	1,336,484	1,631,521	998,115
Stormwater	54,711	196,594	196,129
Total	\$ 4,480,684	\$ 5,292,290	\$ 3,818,320

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(8.0)
Net Full Time Equivalent Positions	61.9	59.1	49.2

Highlights

The mission of Engineering Services is to study, design, construct, and rehabilitate the water, sewer, and stormwater systems and other facilities for the citizens of Kansas City so the structural integrity of the City's water, sewer, and stormwater system is maintained. Contractual services reflect a decrease due to the elimination of rent paid for the engineering division. The engineering division will be relocating from Oak Towers to the Water Department's new headquarters on 63rd Street in May 2003.

Water Services

Program: FLEET MAINTENANCE
 Sub-Program: FLEET MAINTENANCE

Program Activities

1. Responsible for maintaining the motorized equipment of the Water Services Department
2. Achieve the lowest possible number of hours per repair

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
1. Percent of fleet operational	95%	95%	95%
Output			
2. Average cost to operate/maintain/repair fleet vehicles	\$ 4,794	\$ 4,832	\$ 4,832
Efficiency			
2. Average labor hours per repair	2.9	2.9	2.9

Expenditures by Appropriation Unit

Personal Services	\$ 1,451,112	\$ 1,587,959	\$ 1,410,559
Contractual Services	1,626,222	1,613,792	1,707,463
Commodities	338,005	633,580	445,080
Capital Outlay	65,633	--	22,000
Total	\$ 3,480,972	\$ 3,835,331	\$ 3,585,102

Expenditures by Fund

Water	\$ 3,480,972	\$ 3,835,331	\$ 3,585,102
Total	\$ 3,480,972	\$ 3,835,331	\$ 3,585,102

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(2.0)
Net Full time Equivalent Positions	33.0	33.0	31.0

Highlights

The mission of Fleet Maintenance is to provide reliable, high quality, cost-effective fleet management and services to the Water Services Department so that the fleet remains in good operational condition for use in departmental business. The availability of grant funds has allowed Fleet Maintenance to convert 27% of its light duty vehicles to compressed natural gas (CNG). The cost of using CNG fuel is equivalent to the purchase of gasoline at \$0.59 per gallon.

Water Services

Program: LINE MAINTENANCE

Expenditures by Sub-Program

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Sewer Line Maintenance	\$ 8,895,300	\$ 9,208,880	\$ 8,395,819
Water Line Maintenance	9,915,907	8,965,010	8,374,659
Total	\$ <u>18,811,207</u>	\$ <u>18,173,890</u>	\$ <u>16,770,478</u>

Expenditures by Appropriation Unit

Personal Services	\$ 10,109,182	\$ 11,512,725	\$ 10,863,778
Contractual Services	5,229,570	3,673,865	3,659,896
Commodities	2,128,209	2,340,700	2,073,344
Capital Outlay	1,344,246	646,600	173,460
Total	\$ <u>18,811,207</u>	\$ <u>18,173,890</u>	\$ <u>16,770,478</u>

Expenditures by Fund

Water	\$ 9,915,907	\$ 8,965,010	\$ 8,374,659
Sewer	8,895,300	9,208,880	8,395,819
Total	\$ <u>18,811,207</u>	\$ <u>18,173,890</u>	\$ <u>16,770,478</u>

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	285.5	285.5	290.0
Net Full Time Equivalent Positions	<u> --</u>	<u> --</u>	<u> (23.0)</u>
	285.5	285.5	267.0

Program Information

Maintenance of a 2,200 mile wastewater collection system and a 2,300 mile drinking water distribution system is the responsibility of the Line Maintenance program.

Water Services

Program: LINE MAINTENANCE

Sub-Program: SEWER LINE MAINTENANCE

Program Activities

1. Repair, clean, and inspect approximately 2,600 miles of sanitary and combined sewers
2. Ensure the free flow of sewage and stormwater to treatment plants
3. Ensure all repairs and new connections are inspected to prevent future problems

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
2. Number of stoppages per 100 miles of sewer line	7.5	7.5	7.5
Output			
1. Linear feet of sewer lines televised	262,522	350,000	400,000
1. Linear feet of sewer lines reeled or jetted	2,016,960	1,400,000	1,500,070
Efficiency			
1. Average number of hours to televise 1,000 linear feet of sewer line	2.5	3.0	2.8

Expenditures by Appropriation Unit

Personal Services	\$ 5,049,531	\$ 5,904,015	\$ 5,547,682
Contractual Services	1,672,176	1,652,365	1,753,896
Commodities	939,272	1,222,500	1,084,781
Capital Outlay	1,234,321	430,000	9,460
Total	\$ 8,895,300	\$ 9,208,880	\$ 8,395,819

Expenditures by Fund

Sewer	\$ 8,895,300	\$ 9,208,880	\$ 8,395,819
Total	\$ 8,895,300	\$ 9,208,880	\$ 8,395,819

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(13.0)
Net Full Time Equivalent Positions	149.5	149.5	141.0

Highlights

The purpose of Sewer Line Maintenance is to provide cleaning, preventative maintenance, repairs, and inspections to the approximately 2,600 mile sewer system so that safe and continuous operation of the City sewer system will continue. Changes in positions reflect recalculation of charge-outs throughout the department.

Water Services

Program: LINE MAINTENANCE

Sub-Program: WATER LINE MAINTENANCE

Program Activities

1. Repair or replace water services, including pipelines in accordance with departmental guidelines
2. Repair or replace damaged or defective fire hydrants
3. Repair water main breaks
4. Repair or replace defective main valves

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
3. Main breaks per 100 miles of water line	2.3	2.1	2.1
Output			
1. Miles of water line maintained	2,300	2,300	2,300
3. Number of main breaks repaired	1,000	1,100	1,100
Efficiency			
3. Average cost per main break repair	\$ 3,083	\$ 3,008	\$ 3,008

Expenditures by Appropriation Unit

Personal Services	\$ 5,059,651	\$ 5,608,710	\$ 5,316,096
Contractual Services	3,557,394	2,021,500	1,906,000
Commodities	1,188,937	1,118,200	988,563
Capital Outlay	109,925	216,600	164,000
Total	\$ 9,915,907	\$ 8,965,010	\$ 8,374,659

Expenditures by Fund

Water	\$ 9,915,907	\$ 8,965,010	\$ 8,374,659
Total	\$ 9,915,907	\$ 8,965,010	\$ 8,374,659

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(10.0)
Net Full Time Equivalent Positions	136.0	136.0	126.0

Highlights

The mission of Water Line Maintenance is to provide maintenance and upkeep of the City's approximately 2,600 mile water distribution system so that an adequate and dependable water supply for consumption and fire protection is ensured. Emergency service is provided 24 hours a day.

Water Services

Program: QUALITY ASSURANCE

Expenditures by Sub-Program

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Industrial Waste Control	\$ 1,248,689	\$ 1,419,573	\$ 1,325,725
Laboratory Services	2,178,852	2,290,517	2,083,124
Total	\$ <u>3,427,541</u>	\$ <u>3,710,090</u>	\$ <u>3,408,849</u>

Expenditures by Appropriation Unit

Personal Services	\$ 2,346,439	\$ 2,492,628	\$ 2,312,947
Contractual Services	517,998	685,262	597,479
Commodities	466,277	481,900	485,723
Capital Outlay	96,827	50,300	12,700
Total	\$ <u>3,427,541</u>	\$ <u>3,710,090</u>	\$ <u>3,408,849</u>

Expenditures by Fund

Water	\$ 2,178,852	\$ 2,290,517	\$ 2,083,124
Sewer	1,248,689	1,419,573	1,325,725
Total	\$ <u>3,427,541</u>	\$ <u>3,710,090</u>	\$ <u>3,408,849</u>

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(4.0)
Net Full Time Equivalent Positions	53.0	51.0	47.0

Program Information

Quality Assurance provides retail, wholesale, and internal analytical services; protects the wastewater collection system from harmful discharges; and oversees department's environmental issues. Retail testing includes testing for lead, rust and odor problems for households. Wholesale customers require testing for certification and other commercial purposes. Internal testing assures quality drinking water, proper wastewater treatment, identifies water or sewer line leaks, and determines the level of chemicals used in treatment processes.

Water Services

Program: QUALITY ASSURANCE

Sub-Program: INDUSTRIAL WASTE CONTROL

Program Activities

1. Provide inspection and sampling of all Significant Industrial Users (SIUs)
2. Maintain compliance with Federal Pretreatment Program requirements as shown by annual audit
3. Inspect all water service facilities and ensure environmental concerns are addressed
4. Service interjurisdictional sewer service agreements

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
1. Revenue generated by Interjurisdictional Agreements (IJA)	\$ 11,448,440	\$ 11,642,480	\$ 11,642,480
Output			
1. Number of SIU inspections completed	30	30	30
Efficiency			
1. Ratio of revenue to cost	9.01 : 1	10.0 : 1	10.0 : 1

Expenditures by Appropriation Unit

Personal Services	\$ 951,765	\$ 1,073,285	\$ 1,044,246
Contractual Services	233,005	289,988	235,456
Commodities	29,025	56,300	46,023
Capital Outlay	34,894	--	--
Total	\$ 1,248,689	\$ 1,419,573	\$ 1,325,725

Expenditures by Fund

Sewer	\$ 1,248,689	\$ 1,419,573	\$ 1,325,725
Total	\$ 1,248,689	\$ 1,419,573	\$ 1,325,725

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	23.0	23.0	23.0
	--	--	(1.0)
	23.0	23.0	22.0

Highlights

The mission of Industrial Waste Control is to provide control of discharges into the City's wastewater collection and treatment facilities from residential, commercial, industrial, and interjurisdictional customers so that the Water Services Department is in compliance with environmental requirements and to service interjurisdictional sewer service agreements. The Industrial Waste Control program collects revenue based on sewer discharge permit fees and are estimated at \$50,000 in FY 2003-04.

Water Services

Program: QUALITY ASSURANCE
Sub-Program: LABORATORY SERVICES

Program Activities

1. Provide analytical testing to assure drinking water quality
2. Provide analytical testing to assure wastewater treatment
3. Perform various miscellaneous testing to assist other divisions and departments

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
1. Cost of testing if billed at outside rates	\$ 6,458,422	\$ 6,979,000	\$ 6,213,340
Output			
1. Number of tests performed	611,393	564,098	596,000
Efficiency			
1. Average cost per lab test	\$ 11.57	\$ 10.90	\$ 11.09

Expenditures by Appropriation Unit

Personal Services	\$ 1,394,674	\$ 1,419,343	\$ 1,268,701
Contractual Services	284,993	395,274	362,023
Commodities	437,252	425,600	439,700
Capital Outlay	61,933	50,300	12,700
Total	\$ 2,178,852	\$ 2,290,517	\$ 2,083,124

Expenditures by Fund

Water	\$ 2,178,852	\$ 2,290,517	\$ 2,083,124
Total	\$ 2,178,852	\$ 2,290,517	\$ 2,083,124

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(3.0)
Net Full Time Equivalent Positions	30.0	28.0	25.0

Highlights

The mission of Laboratory Services is to provide quality analysis of drinking water, wastewater, and industrial waste pretreatment samples to comply with existing standards and Environmental Protection Agency and Department of Natural Resources regulations so that the City is in compliance with all applicable safety and quality assurance standards. Laboratory Services is a full service environmental laboratory offering a wide variety of inorganic, organic, and microbiological testing.

Water Services

Program: STORMWATER SERVICES

Expenditures by Sub-Program

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Stormwater Engineering	\$ 1,320,064	\$ 2,040,546	\$ 1,671,716
Stormwater Maintenance	2,507,228	3,145,836	3,220,493
Total	\$ <u>3,827,292</u>	\$ <u>5,186,382</u>	\$ <u>4,892,209</u>

Expenditures by Appropriation Unit

Personal Services	\$ 2,690,222	\$ 3,420,507	\$ 3,126,934
Contractual Services	733,207	1,163,175	1,079,575
Commodities	301,028	376,700	393,700
Capital Outlay	102,835	226,000	292,000
Total	\$ <u>3,827,292</u>	\$ <u>5,186,382</u>	\$ <u>4,892,209</u>

Expenditures by Fund

Stormwater	\$ 3,827,292	\$ 5,186,382	\$ 4,892,209
Total	\$ <u>3,827,292</u>	\$ <u>5,186,382</u>	\$ <u>4,892,209</u>

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	77.0	78.5	76.0
Less: Vacant Positions Eliminated	--	--	(3.0)
Net Full time Equivalent Positions	<u>77.0</u>	<u>78.5</u>	<u>67.0</u>

Program Information

Water Services continues efforts to establish a comprehensive stormwater management program to meet the City's stormwater quantity and quality needs. This involves processing city-wide and individual permits for City owned facilities and assisting other departments in their compliance process. Watershed master planning, upkeep of stormwater conveyance systems, preservation of the fourteen mile levee system, maintenance of eighteen flood pumping stations, and compliance with federal and state stormwater regulations are the responsibilities of the Stormwater Services program. All stormwater master plans should be completed by the end of FY 2003-04.

Water Services

Program: STORMWATER SERVICES

Sub-Program: STORMWATER ENGINEERING

Program Activities

1. Responsible for the development of stormwater master plans, utility administration, compliance with the National Pollutant Discharge Elimination System (NPDES) permit requirements, and stormwater mapping

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
1. Percentage of rain and stream level gauges operational	92%	95%	95%
Output			
1. Number of flood warning stations maintained	43	43	43
Efficiency			
1. Average maintenance cost per station	\$ 3,321	\$ 3,216	\$ 3,930

Expenditures by Appropriation Unit

Personal Services	\$ 866,144	\$ 1,367,171	\$ 1,005,341
Contractual Services	388,032	580,375	569,375
Commodities	10,417	13,000	13,000
Capital Outlay	55,471	80,000	84,000
Total	\$ 1,320,064	\$ 2,040,546	\$ 1,671,716

Expenditures by Fund

Stormwater	\$ 1,320,064	\$ 2,040,546	\$ 1,671,716
Total	\$ 1,320,064	\$ 2,040,546	\$ 1,671,716

No. of Full Time Equivalent Positions

No. of Full Time Equivalent Positions	22.4	24.0	24.0
Less: Anticipated Retirements	--	--	(1.0)
Less: Vacant Positions Eliminated	--	--	(6.0)
Net Full Time Equivalent Positions	22.4	24.0	17.0

Highlights

The mission of Stormwater Engineering is to provide a stormwater utility service so that all local, state, and federal mandates regarding stormwater management can be fulfilled. Stormwater Engineering oversees and monitors the city's flood warning stations. The number of flood warning stations has increased from 19 to 43 in the last two years. Six vacant positions are eliminated in FY 2003-04.

Water Services

Program: STORMWATER SERVICES
Sub-Program: STORMWATER MAINTENANCE

Program Activities

1. Maintain storm inlets and outlets to reduce property damage caused by flooding
2. Clean and repair improved and unimproved channels, storm sewers, and city owned detention basins

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
2. Number of Service Requests	754	500	600
Output			
2. Number of Catch basins cleaned	24,891	17,000	20,000
2. Number of Catch basins repaired	219	300	300
Efficiency			
2. Average cost per catch basin cleaned	\$ 11.45	\$ 12.00	\$ 12.00
2. Average cost per catch basin repaired	\$ 4,580	\$ 3,000	\$ 3,200

Expenditures by Appropriation Unit

Personal Services	\$ 1,824,078	\$ 2,053,336	\$ 2,121,593
Contractual Services	345,175	582,800	510,200
Commodities	290,611	363,700	380,700
Capital Outlay	47,364	146,000	208,000
Total	\$ 2,507,228	\$ 3,145,836	\$ 3,220,493

Expenditures by Fund

Stormwater	\$ 2,507,228	\$ 3,145,836	\$ 3,220,493
Total	\$ 2,507,228	\$ 3,145,836	\$ 3,220,493

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(2.0)
Net Full Time Equivalents	54.6	54.5	50.0

Highlights

The mission of Stormwater Maintenance is to provide catch basin cleaning and repair services to the citizens of Kansas City so that the stormwater collection system will function at its optimally designed capacity. Changes in positions reflect recalculation of charge-outs throughout the department.

Water Services

Program: TREATMENT AND SUPPLY

Expenditures by Sub-Program

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Wastewater Treatment	\$ 15,766,266	\$ 13,085,948	\$ 13,561,237
Water Supply	15,678,870	15,434,891	15,205,012
Total	\$ <u>31,445,136</u>	\$ <u>28,520,839</u>	\$ <u>28,766,249</u>

Expenditures by Appropriation Unit

Personal Services	\$ 10,617,547	\$ 11,223,191	\$ 9,787,555
Contractual Services	15,118,734	12,048,498	13,426,611
Commodities	5,414,664	5,024,150	5,321,083
Capital Outlay	294,191	225,000	231,000
Total	\$ <u>31,445,136</u>	\$ <u>28,520,839</u>	\$ <u>28,766,249</u>

Expenditures by Fund

Water	\$ 15,678,870	\$ 15,434,891	\$ 15,205,012
Sewer	15,766,266	13,085,948	13,561,237
Total	\$ <u>31,445,136</u>	\$ <u>28,520,839</u>	\$ <u>28,766,249</u>

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	229.2	227.0	226.0
Net Full Time Equivalents	<u> --</u>	<u> --</u>	<u> (26.0)</u>
	229.2	227.0	200.0

Program Information

Treatment and Supply provides operation and maintenance of two water treatment plants, seventeen water pumping stations, 39 wastewater pumping stations, seventeen flooding pump stations, and eight wastewater treatment plants. Water is sold to 23 other regional and municipal water systems in and around the metropolitan area. Wastewater treatment is provided to 28 other public and private sewer systems throughout the area. All facilities are required to comply with applicable federal and state laws and regulations, including the Clean Water Act, Safe Drinking Water Act, and National Pollutant Discharge Elimination System. The wastewater treatment program treats an average of 115 million gallons of wastewater per day. Water supply produces and supplies an average of 115 million gallons of drinking water per day and 200 million gallons during peak demand.

Water Services

Program: TREATMENT AND SUPPLY
 Sub-Program: WASTEWATER TREATMENT

Program Activities

1. Responsible for the administration, operation, and maintenance of eight wastewater treatment plants, 39 wastewater pumping stations, and seventeen flood pumping stations
2. Maintain compliance with National Pollutant Discharge Elimination System (NPDES) permits

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
1. Number of dry-weather by-passes	19	10	10
Output			
1. Number of quarterly flood station inspections	68	68	68
Efficiency			
1. Percentage of scheduled work orders completed	70%	85%	85%

Expenditures by Appropriation Unit

Personal Services	\$ 5,579,525	\$ 5,829,956	\$ 4,948,686
Contractual Services	8,148,290	5,746,442	6,657,001
Commodities	1,843,836	1,409,550	1,747,550
Capital Outlay	194,615	100,000	208,000
Total	\$ 15,766,266	\$ 13,085,948	\$ 13,561,237

Expenditures by Fund

Sewer	\$ 15,766,266	\$ 13,085,948	\$ 13,561,237
Total	\$ 15,766,266	\$ 13,085,948	\$ 13,561,237

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(16.0)
Net Full Time Equivalent Positions	117.2	115.0	98.0

Highlights

The mission of Wastewater Treatment is to provide effective operation and maintenance of wastewater treatment plants, wastewater pump stations, and flood pump stations to citizens so that the quality of rivers and streams is protected. The wastewater treatment plants remove approximately 70 tons of biosolids each day. Preventive maintenance is performed by staff when not handling emergency or priority work orders. Increases in contractual services reflect \$910,559, which covers replacement costs for equipment, and routine mechanical, electrical, electronic, and maintenance repairs.

Water Services

Program: TREATMENT AND SUPPLY
Sub-Program: WATER SUPPLY

Program Activities

1. Operate and maintain the 240 million gallon per day treatment plant, the 576,000 gallon per day Atherton treatment plant and seventeen pumping stations which distribute water to over 750,000 consumers on a 24 hour basis
2. Supply water pressure capable of meeting all demands, including peak load and firefighting

Performance Measures

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Outcome			
1. Number of monthly reviews per year of treatment statistics and outcomes	12	12	12
Output			
1. Average water produced, million gallons per day	113	110	110
Efficiency			
1. Cost per million gallons	\$ 378	\$ 384	\$ 402

Expenditures by Appropriation Unit

Personal Services	\$ 5,038,022	\$ 5,393,235	\$ 4,838,869
Contractual Services	6,970,444	6,302,056	6,769,610
Commodities	3,570,828	3,614,600	3,573,533
Capital Outlay	99,576	125,000	23,000
Total	\$ 15,678,870	\$ 15,434,891	\$ 15,205,012

Expenditures by Fund

Water	\$ 15,678,870	\$ 15,434,891	\$ 15,205,012
Total	\$ 15,678,870	\$ 15,434,891	\$ 15,205,012

No. of Full Time Equivalent Positions

Less: Anticipated Retirements	--	--	(10.0)
Net Full Time Equivalent Positions	112.0	112.0	102.0

Highlights

The mission of Water Supply is to provide proper administration and operation of the treatment plants and other facilities so that a dependable water supply is produced and distributed to our customers which meets system demands and the requirements of the Safe Drinking Water Act and other mandates. The budget includes \$5,000,000 for electricity used in the facilities and \$2,930,000 for chemicals to treat the water for use by consumers.

Water Services

Program: CAPITAL IMPROVEMENTS

Expenditures by Project

	Actual 2001-02	Adopted 2002-03	Estimated 2003-04
Bannister Acres Sanitary Sewers	\$ --	\$ --	\$ 1,200,000
Blue River Energy Loan	47,371	--	--
Brookside Interceptor	400,000	993,640	--
Catch Basin Replacement	1,189,594	315,198	413,095
Sanitary Sewer Construction	5,551,246	6,377,970	5,127,970
Facility Modification and Improvement	2,716,150	249,378	500,000
Geographic Information System	1,215,215	--	165,881
Jackson-Cass Transmission Main	376,758	--	--
Oversized Mains - City Share	307,761	100,000	150,000
Platte County Transmission Main	2,279,489	--	--
Sevee Levees Control	--	--	500,000
Service Facility Improvements	922,906	249,379	500,000
Special Assessment Mains	218,215	100,000	100,000
Storm Water Master Plan	565,996	1,050,000	529,832
Water Lines for Fire Hydrants	--	384,968	--
Water Main Construction/Rehabilitation	8,519,720	629,253	768,010
Water Main Relocations	975,558	100,000	250,000

Total

\$ 25,285,979 \$ 10,549,786 \$ 10,204,788

Expenditures by Fund

Capital Improvements	\$ 400,000	\$ 1,378,608	\$ 1,700,000
Water	16,716,557	1,428,010	2,341,735
Sewer	5,998,617	6,377,970	5,201,695
Stormwater	2,170,805	1,365,198	961,358

Total

\$ 25,285,979 \$ 10,549,786 \$ 10,204,788